



**KA2: Cooperation for innovation and the exchange
of good practices - Sector Skills Alliances**

Application Form

Call for proposals EAC/A03/2018

Deadline: 28/02/2019 (midday Brussels time)

Erasmus+

Sector Skills Alliances

DETAILED PROJECT DESCRIPTION

(To be attached to the eForm)

Please choose one lot

- Lot 1: SSA for the development of sectoral approaches through “Platforms of vocational excellence” - Two-year project.
- Lot 2: SSA for Design and Delivery of VET - Decide on Duration.
- Lot 3: Sector Skills Alliances for implementing a new strategic approach (“Blueprint”) to sectoral cooperation on skills - Four-year project.

*Addressing the current and Future skill needs for sustainability, digitalization, and the bio-Economy in
Agriculture: European skills agenda and Strategy*

*/ FIELDS
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PART 0. Summary of the application and involvement in previous relevant projects

0.1. Title, economic sector and applicant

FIELDS: Addressing the current and Future skIlI needs for sustainabilty, digitalization, and the bio-Economy in AgricuLture: European skills agenDa and Strategy

Pilot sector	<i>Bio-economy, new technologies & innovation in agriculture</i>
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Please indicate the name and country of the applicant organisation.

Name of the applicant	University of Turin
Country	Italy

0.2. Summary of the project

Please provide a short summary of the main features of your project.

Please bear in mind that your short summary will be published on the European Commission's Erasmus + Dissemination platform. It should therefore be short and clear (Limit 2 000 characters).

There are new challenges and opportunities for agriculture today, driven by the climate change, the greening of the products and processes, the reuse of side-stream products, the raised complexity of the chain and the increased availability of information.

However, to successfully address and react to these drivers, agriculture and forestry needs new business models and skills. The identification of existing and emerging skills needs in bio-economy, sustainability and for the use of digital technology, is of paramount importance in order to develop a strategic approach to keep the European agricultural sector competitive and sustainable in the long term.

The multi-stakeholder approach in the FIELDS project, with 30 partners from 12 countries (HEI, VET providers, agricultural and forestry sector representatives and agrifood industry) will allow tackling the complexity of the issues EU agriculture faces today.

The FIELDS approach, starting from the current and future trends and skills needed, will lead to a sustainable European strategy to address these skill gaps. Since agriculture issues and opportunities differs a lot from country to country, the EU strategy will be customised to have a country strategy for 7 countries. It will address country-specific actions, occupational profiles and training material to reflect the country needs while keeping EU quality standards (ESCO, EQAVET, ECVET) to address the mobility of learners through Europe concretely.

An Agriculture SSA will be established during the project to build upon the regulatory frameworks and opportunities at EU and country level, while proposing concrete and practical initiatives to address skills challenges, in particular through offering modular training inside the project while guaranteeing mobility of workers within the agriculture, forestry and agrifood industry.

0.3 EQF Level(s) and details about the training programme

Please describe which EQF level(s) will be addressed in your proposal.

Please indicate the planned structure (number and duration of modules) and duration of your training programme, testing period, number of testers, planned validation arrangements, foreseen certification and other relevant quantitative details (Limit 2 000 characters).

The training modules set-up for the pilot will be 4: soft skills, sustainability, bioeconomy and digitalization, to cover the whole area of innovation in bioeconomy and agriculture as stated in the call. The EQF level 4 will be offered for farmers, foresters and the EQF level 5 will be offered to farm advisors, students. Each module will be splitted in many small modules, that can be taught separately.

For learners in initial training, the course will be followed by a stage/apprenticeship to complete the occupational profile requirement, both at the field and industry level. To engage farmers farm advisors and forester the offer will be modular, so they can study only the content they need, and they can skip the work- based period. This modularity will offer in practice an infinite number of curricula to the trainees. The curricula will be of fixed duration for the learners that need the certification, while will be modular for farmers, that can take only the skills they need.

In order to bear the EQAVET certification, each occupational profile outline will correspond approximately to 680 h, of which 120 online, 180 in-class, and 360 as a work-based period, with 20 more hours for the assessment, that are required for the EQAVET certification. The number of hours dedicated to sustainability, bio-economy, forestry and digitalisation, soft skills will vary among countries and will be based on future scenario analysis and will follow the country roadmaps of T2.4, because the distribution among essential, important skills for each topic will vary as well. For learners in initial training, the training will be followed by a stage/apprenticeship to complete the occupational profile requirement, both at the land and industry level. This modularity will offer in practice an infinite number of curricula to the trainees.

The idea is to put in place all measure and quality indexes used to obtain the EQAVET certification. Among the indexes, the following will be considered.

0.4. Involvement in previous projects

If your proposal is based on the results of one or more previous or ongoing projects/networks, please provide precise references to this/these project(s)/network(s) in the table below.

Please add tables as necessary.

Reference number			
Project / network dates <i>(year started and completed)</i>		Programme or initiative	
Title of the project / network			
Coordinating organisation			
Website	http://		
Password / login if necessary for website			
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			

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Reference number	588375-EPP-1-2017-1-IT-EPPKA2-KA		
Project / network dates <i>(year started and completed)</i>	ASKFOOD (Jan 2018 – Dec 2020)	Programme or initiative	ERASMUS +
Title of the project / network	ASKFOOD - Alliance for Skills and Knowledge to Widen Food Sector-related Open Innovation, Optimization and Development		
Coordinating organisation	University of Teramo (Italy)		
Website	https://www.askfood.eu/		
Password / login if necessary for website	-		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			

ASKFOOD will focus the overall ensemble of the economic sectors that depend on and influence the evolution of Food & Drink industry, putting together different actors, sectors and points of view. The ASKFOOD consortium is made of 6 Universities, 2 research and consulting companies, 3 food industry associations and 1 non-profit, organization. UHOH, FDE

Reference number	VP/2014/OO1/O694 (budget heading 04.03 01 08)		
Project / network dates <i>(year started and completed)</i>	05/2015-12/2016	Programme or initiative	Support for Social Dialogue DG EMPL
Title of the project / network	Future skills for the paper industry		
Coordinating organisation	industriAll European Trade Union		

Website	http://www.cepi.org/publication/future-skills-paper-industry
Password / login if necessary for website	N/A
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>	
<p>The joint CEPI-industriAll project aimed at having a first analysis of possible skills gaps and mismatches compared to the needs of the European pulp and paper industry. It builds on a study of the typical curricula relevant to the paper industry in 8 EU countries (Austria, Finland, France, Germany, Italy, Poland, the UK and Sweden) from school to universities including professional trajectories and apprenticeship). To assess their relevance and suitability for 3 typical occupational profiles (machine operator, maintenance, middle management), a survey was carried out among company and workers' representatives. It considered the current and future skills needs (hard and soft skills). Considering the typical curricula and the expected skills needs, the project concluded that there were skills mismatches in the sector, notably hard skills (such as STEM skills) but also soft skills, and that the gaps would most likely get wider as the industry transforms itself to improve its processes, incorporate digitalisation and automation (industry 4.0) and innovate in products (bioeconomy). The project delivered a number of recommendations including policy recommendations.</p> <p>The background material and the results of the surveys would serve as a basis for further investigation in the Blueprint in order to get a refined mapping of the current and future needs, help develop the anticipation tools and better adjust the tools and mechanisms developed to address the skills and competences issues and needs of the sector.</p>	

Reference number	774088		
Project / network dates <i>(year started and completed)</i>	FIT4FOOD2030 (Nov 2017 – Oct 2020)	Programme or initiative	H2020 – EU.3.2.2.
Title of the project / network	FIT4FOOD2030:		
Coordinating organisation	STICHTING VU (Netherlands)		
Website	http://fit4food2030.eu		
Password / login if necessary for website			
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			

The overall aim of FIT4FOOD2030 is to support the European Commission (EC) with the development and implementation of the [FOOD 2030 research & innovation policy framework](#), to future-proof the European food systems. The main objective towards that is to create a multi-stakeholder platform – the FOOD 2030 Platform. The [FOOD 2030 Platform](#), connecting stakeholders in the European food system at multiple levels (cities/regions, countries, and Europe), will make Research & Innovation (R&I) policies on Food and Nutrition Security (FNS) more coherent, build competences of current and future researchers, entrepreneurs, policy-makers, and society at large, and raise awareness of FOOD 2030.

The outputs of the project will be used to define the growth strategy in WP1 and to help prioritise the occupational profiles in T2.2. No ownership issues will arise as FDE is a partner of the project and partner in FIELDS.

Reference number	2015-1-ES01-KA202-016262		
Project / network dates <i>(year started and completed)</i>	2016-2018	Programme or initiative	Erasmus + KA2 Strategic Partnerships in the field of VET
Title of the project / network	<i>ToTCOOP+i Project</i> : Strategic Partnership for Innovating the Training of Trainers of the European Agri-Food Co-operatives		
Coordinating organisation	AGACA – Galician Association of Rural Co-operatives		
Website	http://www.totcoopi.eu		

Password / login if necessary for website	N/A
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>	
<p>The “ToTCOOP+i” Project aims to strengthen the pedagogical, methodological and procedural capabilities of the trainers of Associations of agri-food cooperatives and organisations that offer training and consulting services to the agri-food cooperative. The Project objectives will be achieved through two main outcomes:</p> <ol style="list-style-type: none"> 1. The exchange of experiences and best-practices between the Countries involved in the project 2. The development of common innovative training content and tools, based on the best-practices identified at European level <p>ICOS has full access to the content and is a partner of FIELDS, so no ownership issues to use the materials.</p>	

Reference number	2017-1-IE01-KA202-025711		
Project / network dates <i>(year started and completed)</i>	2017-2019	Programme or initiative	Erasmus + KA2 Strategic Partnerships in the field of VET
Title of the project / network	LeadFarm Project: Improving Co-operatives through a new and innovative young farmer leadership programme		
Coordinating organisation	Irish Co-operative Organisation Society (ICOS)		

Website	http://www.leadfarm.eu		
Password / login if necessary for website	N/A		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			
<p>The “LeadFarm” Project aims to get a generational and gender balance in the co-operative agricultural sector through strengthening the capabilities of the young generation of farmers (men and women) in order to ensure the generational shift in their family farms and co-operatives.</p> <p>In addition, this project will review the communications and engagement structures with young farmers to establish the best way to engage with the youth.</p> <p>The Project objectives will be achieved through two main outcomes:</p> <ol style="list-style-type: none"> 1. The exchange of experiences and best-practices between the Countries involved in the project 2. The development of common innovative training content and tools, based on the best-practices identified at European level <p>The outcomes of this project will be useful for the T2.2 and will provide interesting insights on youth engagement and gender equality. No ownership issues as ICOS is the coordinator of the project and a partner in FIELDS.</p>			

Reference number	2018-1-IE01-KA202-038801		
Project / network dates <i>(year started and completed)</i>	2018 – 2020 (ongoing)	Programme or initiative	Erasmus + KA2 Strategic Partnerships in the field of VET

Title of the project / network	<i>ToTCOOP+i_Tech Project: “Technology for Training innovation in the European Agri-food Cooperatives of the digital era”</i>	
Coordinating organisation	Irish Co-operative Organisation Society	
Website	http:// (still under development)	
Password / login if necessary for website	N/A	
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>		
<p>The “ToTCOOP+i_Tech” Project aims to strengthen and adapt to the digital era, the pedagogical, methodological and procedural capabilities of the trainers of Associations of agri-food cooperatives and organisations that offer training and consulting services to the agri-food cooperative</p> <p>The Project objectives will be achieved through two main outcomes:</p> <p>To transform the current offer of Continuing Vocational Training in the cooperative sector at EU level into exceptional training based on the use of technology and in the new models of the digital era.</p> <p>To strengthen the capabilities of Business Administration of the Board of Directors / Members from agri-food cooperatives, through their direct involvement in the training process.</p> <p>The project outputs will be used in WP3. No ownership issues as ICOS is the coordinator of the project and a partner in FIELDS.</p>		

Reference number	732064
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Project / network dates <i>(year started and completed)</i>	DataBio (January 2017- December 2019)	Programme or initiative	HORIZON 2020
Title of the project / network	Data-Driven Bioeconomy		
Coordinating organisation	INTRASOFT INTERNATIONAL SA		
Website	http:// www.databio.eu/en/		
Password / login if necessary for website			
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			
<p>The data-intensive target sector selected for the DataBio project is the Data-Driven Bioeconomy. DataBio proposes to deploy a state of the art, big data platform “on top of the existing partners’ infrastructure and solutions - the Big DATABIO Platform. Pilots by associated partners and other stakeholders are actively involved. Therefore, organization of Internal and External Training workshops/sessions and events took place, such as special activities of the project’s work plan targeting training for stakeholders in the agricultural domain. The objective of the training was to facilitate stakeholders to adopt and fully leverage the capabilities of the DATABIO service platform. No ownership issues as GAIA is a partner of the project and a partner in FIELDS.</p>			

Reference number	VS/2017/0319		
Project / network dates <i>(year started and completed)</i>	Start date:1.01.2018 ongoing	Programme or initiative	
Title of the project / network	The bioeconomy and a future biobased food industry and agriculture sector: how can workers' organisations shape the change?		
Coordinating organisation	EFFAT		
Website	http://www.effat.org ; http://www.effat.org/en/node/14785		
Password / login if necessary for website			
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			

The project helps our member organisations to:
 Increase their knowledge in understanding what the bioeconomy means for their industry, sector, jobs and skills, and
 Increase their capacity in responding to the change and being part of u-industry-relevant and sector-lead solutions.

The outcomes of this project could be shared with the stakeholders of the new proposal and, through the new proposal, we can together as a consortium, expand our involvement in educating, training and the reskilling of workers.
 No ownership issues as EFFAT is the coordinator of the project and an associated partner in FIELDS.

Reference number	PGI00040		
Project / network dates <i>(year started and completed)</i>	1/4/2016 to 31/12/2020	Programme or initiative	INTERREG EUROPE 2014-2020
Title of the project / network	Bridging competence infrastructure gaps and speeding up growth and jobs delivery in regions – (BRIDGES)		
Coordinating organisation	Kainuun Etu ltd		
Website	https://www.interregeurope.eu/BRIDGES/		
Password / login if necessary for website	N/a		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			
Overall objective of BRIDGES project is to significantly improve partner regions' RIS3 implementation governance and the delivery of the structural funds; to benefit from policy learning and enhance industry-led Centres of Competence (CC) as RIS3 implementation units. It combines RIS3 diversification & specialisation regions, contributing to the achievement of the objectives in complementary & synergetic way. BRIDGES is realised in two phases. Phase 1 output are 6 endorsed action plans implemented during Phase 2.			

AP's implementation improves RIS3 implementation governance through transferable model, impact on growth & jobs through new projects, strengthened research industry knowledge partnerships, and leveraging of resources towards increased impact of RIS3.

Reference number	2017-1-EE01-KA203-034889		
Project / network dates <i>(year started and completed)</i>	1/9/2017 to 31/8/2019	Programme or initiative	ERASMUS+
Title of the project / network	Design thinking in higher education for promoting human-centered innovation in business and society (DesignIT)		
Coordinating organisation	Tallinn University		
Website	https://projectdesignit.eu/		
Password / login if necessary for website	N/a		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			
The outputs of DesignIT project are: a) Learning needs analysis and developing methodological frameworks for Design thinking in Higher Education. b) DesignIT will produce a learning game for promoting design thinking mindsets in formal and informal entrepreneurship education contexts as a complementary learning tool. c) Instructional support material for Higher Education educators to adopt Design thinking tools in HE courses (entrepreneurship education) to promote the integration of project outcomes into educational practices. The project results will be validated in the context of the project implementation in diverse higher educational sectors ranging from media, to computer engineering, social sciences, vocational, and other engineering principles. We will produce good practices based evaluation results of gamified Design thinking methodologies and tools.			

Reference number	Grant agreement ID: 777549
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Project / network dates <i>(year started and completed)</i>	1/11/2017 to 31/10/2020	Programme or initiative	HORIZON 2020 - RESEARCH AND INNOVATION ACTIONS (RIA)
Title of the project / network	European e-Infrastructure for Extreme Data Analytics in Sustainable Development, (EUXDAT)		
Coordinating organisation	ATOS SPAIN SA		
Website	https://cordis.europa.eu/project/rcn/216632/factsheet/de		
Password / login if necessary for website	N/a		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			
<p>EUXDAT proposes an e-Infrastructure, which addresses agriculture, land monitoring and energy efficiency for a sustainable development, as a way to support planning policies. EUXDAT aims at optimizing data and resources usage. In addition to a mechanism for supporting data management linked to data quality evaluation, EUXDAT proposes a way to orchestrate tasks execution, identifying whether the best target is an HPC center or a Cloud provider. During the project, EUXDAT will be in contact with scientific communities, in order to identify new trends and datasets, for guiding the evolution of the e-Infrastructure. The final result of the project will be an integrated e-Infrastructure which will encourage end users to create new applications for sustainable development.</p>			

Reference number	Grant agreement ID: 773864		
Project / network dates <i>(year started and completed)</i>	1/5/2018 to 30/4/2021	Programme or initiative	HORIZON 2020 - RESEARCH AND INNOVATION ACTIONS (RIA)

Title of the project / network	Accelerating Innovative practices for Spraying Equipment, Training and Advising in European agriculture through the mobilization of Agricultural Knowledge and Innovation Systems (INNOSETA)
Coordinating organisation	UNIVERSITAT POLITECNICA DE CATALUNYA (UPC)
Website	https://cordis.europa.eu/project/rcn/214749/factsheet/de
Password / login if necessary for website	N/a
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>	
<p>The aim of INNOSETA is to set-up a self-sustainable Thematic Network on Spraying Equipment, Training and Advising designed for the effective exchange between researchers, industry, extension services and farming community. This network will link directly applicable research and commercial solutions and grassroots level needs and innovative ideas thoroughly captured, thus contributing to close the research and innovation divide in this area. The proposed network will be organized to cover spraying application needs in the most commonly used crops in Europe: cereals, vegetables, orchards, vineyards and greenhouses organized in seven national innovation hubs linked with international interactive workshops. This Thematic Network will address important and timely issues that are critical to improve crop productivity and reduce environmental impact.</p>	

Reference number	MIS-5002496		
Project / network dates <i>(year started and completed)</i>	1/1/2017 to 31/12/2019	Programme or initiative	OPERATIONAL PROGRAMME COMPETITIVENESS, ENTREPRENEURSHIP AND INNOVATION 2014-2020 (EPANЕК)

Title of the project / network	Research synergy to address major challenges in the nexus: energy-environment-agricultural production (Food, Water, Materials) (NEXUS)		
Coordinating organisation	Centre for Research and Technology-Hellas (CERTH)		
Website	N/a		
Password / login if necessary for website	N/a		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			
<p>NEXUS project aims to the development of innovative systems that connect the Nexus of Energy, Environment and Agricultural Production (Water, Food, Minerals), creating the technological foundations for economic and social development. The aim of NEXUS is to utilize Greek raw materials and available residues and by-products of the primary sector. NEXUS is expected to set the foundations for the development of smart farming systems, smart material production systems, as well innovative systems of sustainable energy production and energy carriers; aiming to the production of food raw materials and the management of the relevant resources (energy, water, etc.) in an environmentally and economically sustainable manner.</p>			

Reference number	KA201-021424		
Project / network dates <i>(year started and completed)</i>	1/9/2015 to 28/2/2018	Programme or initiative	ERASMUS+
Title of the project / network	Digital Skills for Employability and Social Inclusion – (EMPLOY)		
Coordinating organisation	Governorship of Istanbul		

Website	N/a
Password / login if necessary for website	N/a
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>	
<p>The EMPLOY project aims at building the digital skills among young learners at risk of exclusion through the strategic use of ICT, and specifically game-based learning, which facilitates exposure to work-driven activities that require digital competencies, problem-solving capacity, and analytical thinking. The advantages of the proposed active learning, game-based approach are linked to increased knowledge retention, ability to transfer knowledge to the real world, and learning games that drive inspiration from the needs of the world of work, thus broadening professional options through awareness of market needs and enhancement of skill sets.</p>	

Reference number	2016-1-EL01-KA203-023624		
Project / network dates <i>(year started and completed)</i>	1/11/2017 to 31/8/2018	Programme or initiative	ERASMUS+
Title of the project / network	Lean and Agile Practices linking Engineering Higher Education to Industry – (LEAP)		
Coordinating organisation	University of Thessaly (UTH)		
Website	http://leaproject.eu/		
Password / login if necessary for website	N/a		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

LEAP aims at building experience & knowledge among higher education students on emerging lean and agile industry practices empowering them to effectively transition into the professional world, focusing on engineering disciplines. The project aims at closing the new digital divide by promoting the development of high-quality digital content for higher education linked to both academic and industry needs. LEAP deploys serious games that encourage learners to adopt industry roles, to think critically through agile engineering solutions, to practice on the application of industrial process management.

Reference number	696294		
Project / network dates <i>(year started and completed)</i>	1/3/2016 to 31/8/2018	Programme or initiative	HORIZON 2020 - RESEARCH AND INNOVATION ACTIONS (RIA)
Title of the project / network	European Agricultural Knowledge and Innovation Systems (AKIS) towards innovation-driven research in Smart Farming Technology – (Smart- AKIS)		
Coordinating organisation	Agricultural University of Athens (AUA)		
Website	https://www.smart-akis.com/		
Password / login if necessary for website	N/a		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			

Smart-AKIS aims at setting up a self-sustainable Thematic Network on Smart Farming Technology designed for the effective exchange between research, industry, extension and the farming community in order to disseminate direct applicable research and commercial solutions and capture grassroots level needs and innovative ideas. The project integrate the socio-economic aspects involved in the innovation processes and will generate interactive and innovation-based collaborations among researchers, advisors and farmers through the use of open innovation in multi-actor workshops. Knowledge flow be facilitated through the implementation of the Smart Farming Community Platform, which will be compatible with the EIP-SP in order to ensure long term accessibility of results. The project establish direct communication with EIP-Agri to maximize impact of project activities and stakeholder mobilization.

Reference number	619061		
Project / network dates <i>(year started and completed)</i> Nov 2013 -- Apr 2017		Programme or initiative <i>7th Framework Programme</i>	
Title of the project / network	Weam4i: WATER AND ENERGY ADVANCED MANAGEMENT FOR IRRIGATION		
Coordinating organisation	Meteosim and Adasa		
Website	http://weam4i.eu		
Password / login if necessary for website			

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

The WEAM4i project mainly addressed 2 of the priorities of the EIP on Water: “Water-Energy nexus” and “Decision support systems (DSS) and monitoring”. Project is based on two innovative management concepts:

1. A water&energy smart grid for irrigation: allowing interactive energy use decisions, by introducing demand-side management and matching the consumption to the available energy offer, due to existing water storage capability (in reservoirs or in the soil) that enables an “near-almost elastic” demand.
2. An innovative, cloud based, integration approach: an ICT platform based on a Service Oriented Architecture, for hosting the DSS applications, while, at field level, the existing local irrigation systems will remain.

Those 2 concepts will be taken into account in WP2. The use of DSS should be promoted and their linked skills as well. No ownership issues as FENACORE is a partner in the project and in FIELDS.

Reference number	LIFE13 ENV/ES/000539		
Project / network dates (year started and completed) Sep 2014 – Dec 2017		Programme or initiative LIFE + 2013	
Title of the project / network	Life Irriman – Implementation of efficient irrigation management for a sustainable agriculture		

Coordinating organisation	Universidad Politécnica De Cartagena	
Website	https://irrimanlife.eu/	
Password / login if necessary for website		
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>		
<p>The main objective is to implement, demonstrate and disseminate a sustainable irrigation strategy based on deficit irrigation to promote its large scale acceptance and use in woody crops in Mediterranean agroecosystems, characterized by water scarcity, without affecting the quality standards demanded by exportation markets. With the adoption of this irrigation management we mean to ensure efficient use of water resources, improving quantitative water management, preserving high level of water quality and avoiding misuse and deterioration of water resources. The adoption of efficient irrigation will also lead to increments in water productivity, increments in the potential carbon fixation of the agroecosystem, and decrease energy costs of pressurized irrigation, together with mitigation and adaptation to climate change.</p> <p>This project will give insight on the skills needed for the best water management process. It will be used in WP2. There is no copyright issue because the owners of the content participate in the project (FENACORE).</p>		

Reference number	818088
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Project / network dates <i>(year started and completed)</i>	Jan 2019 – Jun 2021	Programme or initiative H2020	
Title of the project / network	SuWaNu Europe – Network for effective knowledge transfer on safe and economic wastewater reuse in agriculture in Europe		
Coordinating organisation	Bioazul		
Website	http://		
Password / login if necessary for website			
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			

SuWaNu Europe thematic network is focused on a the reuse of treated wastewater in agriculture. The reason behind is that wastewater when treated according to appropriate standards and methods has a strong potential to complement conventional water resources used in agricultural irrigation. This is relevant for all Europe, but specially in water scarce areas where the lack of irrigation water is limiting agricultural production, economic growth and jobs creation, and jeopardize the sustainability of the agricultural sector. Treated wastewater is underused in many water scarce regions due to several technical and non-technical obstacle. This leads to an inefficient situation where, on the one hand the agricultural sector is highly demanding water, and on the other hand, the water treatment sector is producing water and nutrients which are discharged to the environment. This project will give insight on the skills needed for the best water management process. It will be used in WP1&2. There is no copyright issue because the owners of the content participate in the project (FENACORE).

Reference number			
Project / network dates <i>(year started and completed)</i>	2016	Programme or initiative	Erasmus + Strategic Partnership for adult education
Title of the project / network	Pacemaking the education and employment: answers to new challenges and opportunities		
Coordinating organisation	Open University Koprivnica		
Website	http://		
Password / login if necessary for website			

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

The Project was based on development of teacher skills in adult education for working with different groups of adults as well as on improvement and expanding the offer by innovative approach. The project outputs will be used in WP3 to help design tool for the train the trainers modules. There is no copyright issue because the owners of the tools participate in the project (INFOR ELEA).

Reference number			
Project / network dates <i>(year started and completed)</i>		Programme or initiative	
Title of the project / network	PLANET - Plan for agriculture renewable energy training		
Coordinating organisation	UNITO		
Website	http://		
Password / login if necessary for website			
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			

The EU Skills Panorama identified RES-related skill needs in agriculture crucial. The partners identify these needs and are interested in providing training to fill in this gap. The training programme will address farmers, but also agricultural advisors, and technical students employed on RES in the future. The training will be completely modular and divided into four modules: 1) ICT skills, 2) biogas and biomethane, 3) solid biomass and 4) solar energy (both thermal and photovoltaic). It will be developed following the innovative “flipped classroom” methodology, mixing online training modules, in-class modules, and work-based learning periods.

The project outputs will be used in WP2 to assess the skills needs and in WP3 as a previous experience in designing training content with the flipped classroom methodology. There is no copyright issue because the owners of the tools participate in the project (UNITO, ARES, AP, INFOR ELEA).

Reference number	NWE358		
Project / network dates <i>(year started and completed)</i>	2016/2020	Programme or initiative	INTERREG NW
Title of the project / network	FOOD HEROES		
Coordinating organisation	Southern Agriculture and Horticulture Organisation		
Website	http://ac3a.fr		
Password / login if necessary for website	ND		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

About sustainable agriculture: how to reduce waste in the first part of the food chain (from fields/sea to food industry).
 Results available with farmers and new chain by creation on new food networking and social chains including logistic and transformation, by creation of process to avoid euthanasia.
 The outputs of this project will provide information to the WP1&2, in showing the skills needs for reducing waste along the food chain. All uses available for FIELDS AC3A

Reference number	818488		
Project / network dates (year started and completed)	2018/2023	Programme or initiative	H2020
Title of the project / network	FAIR SHARE		
Coordinating organisation	Teagasc, Agriculture and Food Development Authority		
Website	http://ac3a.fr		
Password / login if necessary for website	ND		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

About digital tools used by advisors to manage machinery, data and strategy decision for farmers
 Results available with training content for advisors. At this time available all the existing digital tools for farming
 Uses of SFATE platform see below.
 All uses available for FIELDS. The outputs will be useful for the WP1&2 analysis.

Reference number	2016-1-ES01-KA202-025429		
Project / network dates <i>(year started and completed)</i>	2016/2018	Programme or initiative	ERASMUS +
Title of the project / network	SFATE		
Coordinating organisation	Government of Galicia SP		
Website	http://ac3a.fr		
Password / login if necessary for website	ND		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

About training trainers for agriculture schools about digital tool usable in agriculture i.e.: precision in agriculture with specific machinery to catch weeds in horticulture
 Results available with platform collecting process and all data using by trainer in agriculture education
 All uses available for FIELDS.

Reference number	2009-1/080		
Project / network dates <i>(year started and completed)</i>	2013/2015	Programme or initiative	INTERREG Atlantic Space
Title of the project / network	ANATOLE		
Coordinating organisation	AC3A France		
Website	http://ac3a.fr		
Password / login if necessary for website	ND		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

About developing circular economy and public policy in western Europe. How to connect local production and local consumers through all the existing or possible food chains. Results available with guide and new market (Spain), new school kitchen (France), Irish Food Chain for restaurant in Dublin, City food network in Lisbon. All uses available for FIELDS.

Reference number	NWE142		
Project / network dates	2016/2019	Programme or initiative	INTERREG NWE
Title of the project / network	BIOBASE 4 SME		
Coordinating organisation	Biobase Pilot Plant Belgium		
Website	http://ac3a.fr		
Password / login if necessary for website	ND		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

About coupons and training for BIObased SMEs looking for knowledge pilot plant, training and bio-camps to develop their new process and their new product market. Results available 100 000€ employed by the project partners to finance new process for SMEs not able to develop it by themselves. Introducing of Social Acceptance training by AC3A to involve SME stakeholders.
All uses available for FIELDS

Reference number	NWE358		
Project / network dates	2017/2021	Programme or initiative	INTERREG EUROPE
Title of the project / network	BIOREGIO		
Coordinating organisation	University of Lathi FIN		
Website	http://ac3a.fr		
Password / login if necessary for website	ND		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

About policy makers to introduce in their public policy examples of new bio circular economy on their territory.
Results available with exchange between national/regional/local authorities depending of their role in the bioeconomy to develop new bioeconomy and reemploy local wastes.
All uses available for FIELDS

Reference number	818488		
Project / network dates <i>(year started and completed)</i>	2019/2022	Programme or initiative	INTERREG NWE
Title of the project / network	Fabulous Farmer		
Coordinating organisation	Innovatiespunt Belgium		
Website	http://ac3a.fr		
Password / login if necessary for website	ND		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

About management by farmers of natural resources. Encourage good practices with small pilot site where the natural process are observed with natural plant protection and increasing of biodiversity and pest controls.
 Results available with pilot (only for the moment). Reduction of pesticides and fertilizer by using new practices with bio-controller manage by farmer decisions?
 All uses available for FIELDS

Reference number	BBI 2018. SO4.S3		
Project / network dates <i>(year started and completed)</i>	2019-2021	Programme or initiative	BBI 2018. SO4.S3 – Identify opportunities to promote careers, education and research activities in the European bio-based industry
Title of the project / network	Unknown		
Coordinating organisation	Unknown		
Website	http://		
Password / login if necessary for website			
Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).			

The aim of the project will be to provide the bio-based industry and sector with an overview of completed and ongoing programmes addressing curricula that involve bio-based activities; provide the bio-based industry and sector with a basis for promoting careers in the bio-based sector; promote an improved and efficient alignment and interaction among industry and educational and research institutions, focusing on the needed skills and potential job opportunities in the bio-based sector. The outputs will be used in the WP1 analysis. No ownership issues as BIC will provide the results directly.

Reference number	2016-1-FR01-KA202-024201		
Project / network dates <i>(year started and completed)</i>	ReSkill (Sep 2016 – Aug 2019)	Programme or initiative	ERASMUS+
Title of the project / network	ReSkill– Real Skills for Work and Entrepreneurship in the Agri-food Sector		
Coordinating organisation	ANIA (France)		
Website	https://reskill-info.eu/		
Password / login if necessary for website	-		

Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).

The aim of the project is to promote, in the food sector, work – based learning in all its forms, with special attention to apprenticeship, by involving social partners, companies and VET providers, as well as stimulating innovation and entrepreneurship.
This experience will be used in T3.3 when defining the apprenticeship scheme. No ownership issue as the project coordinator is a FIELDS partner.

Reference number	N°2017-1-FR01-KA202-037492		
Project / network dates (year started and completed)	FRESH (Oct 2017 – Dec 2019)	Programme or initiative	ERASMUS+
Title of the project / network	FRESH - Agri-Food Open Educational Resources for Human Capital Managers		
Coordinating organisation	ANIA (France		
Website	http://www.sevt.gr/userfiles/files/leaflet_FRESH_EN.pdf		

Password / login if necessary for website	-
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>	
<p>The Project aims at strengthening the competitiveness of European agri-food sector firms reducing the apparent skill mismatches derived from obsolete human resources practices. This experience will be used in T2.3 when defining the EU strategy. No ownership issue as the project coordinator is a FIELDS partner.</p>	

Reference number	773785		
Project / network dates <i>(year started and completed)</i>	SMARTCHAIN (Sep 2018 – Aug 2021)	Programme or initiative	Horizon2020
Title of the project / network	SMARTCHAIN - Towards Innovation - driven and smart solutions in short food supply chains		
Coordinating organisation	University of Hohenheim, Stuttgart (Germany)		

Website	http://www.smartchain-h2020.eu/		
Password / login if necessary for website	-		
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>			
<p>SMARTCHAIN is an ambitious, 3 year project with 43 partners from 11 European countries including key stakeholders from the domain of short food supply chain as actors in the project. The central objective is to foster and accelerate the shift towards collaborative short food supply chains and, through concrete actions and recommendations, to introduce new robust business models and innovative practical solutions that enhance the competitiveness and sustainability of the European agri-food system. The outputs will be used in WP2, to help take into account the business model creation in the T2.3. No ownership issue as UHOH is the coordinator of SMARTCHAIN and a partner of FIELDS.</p>			

Reference number	-		
Project / network dates <i>(year started and completed)</i>	I-CON (Jun 2015 – Aug 2018)	Programme or initiative	Interreg CENTRAL EUROPE
Title of the project / network	I-CON - Improving COmpetences and skills through Food sector InNovation		

Coordinating organisation	Pormurje Technology Park (Slovenia)		
Website	https://www.interreg-central.eu/Content.Node/I-CON.html		
Password / login if necessary for website	-		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			
<p>The I-CON project stands out to put together food SMEs needs and solution providers, enhancing their own potentials along the food value chain. The I-CON consortium has 10 partners from 7 central European countries (Austria, Hungary, Poland, Slovakia, Slovenia, Germany and Italy). The experience gained in this project will be used for the skills and competence improvement approach. No ownership issues as UHOH is a partner with full right on the project.</p>			

Reference number	613912		
Project / network dates <i>(year started and completed)</i>	TRAFOON (Nov 2013 – Oct 2016)	Programme or initiative	FP 7

Title of the project / network	TRAFOON - Traditional Food Network to improve the transfer of knowledge for innovation	
Coordinating organisation	University of Hohenheim (Germany)	
Website	https://www.trafooon.eu/ https://www.trafooon.org/	
Password / login if necessary for website	-	
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>		
<p>TRAFOON was a network of 29 European research institutions, technology transfer agencies and SME associations and during 3 years has covered the value chain of 4 groups of traditional food products based on (1) grains, (2) fish, (3) vegetables & mushrooms, and (4) sweet fruits & olives. The project focused on the innovation, protection, preservation and further development of traditional foods in Europe and it aimed at supporting the small and medium sized producers of these products. The experience gained in this project will be used for the skills and competence transfer (inter-generation as well) approach. No ownership issues as UHOH is a coordinator with full right on the project.</p>		

Reference number	265661		
Project / network dates <i>(year started and completed)</i>	RTD2Farm 06/2011 – 05/13	Programme or initiative	FP7-KBBE-CSA
Title of the project / network	Enhancing collaboration in research for Livestock		
Coordinating organisation	University of Veterinary Science Vienna (AT)		
Website	http://www.pigsci.at		
Password / login if necessary for website			
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>			
<p>RTD2Farm has a simple, yet effective strategy to increase the uptake of RTD Results by livestock farmers. RTD2Farm will analyse methods for knowledge and technology transfer, define Best Practice, and spread these. RTD2Farm will develop a variety of Best Practice models for Knowledge and Technology Transfer from Research to Farm. The outputs will be used in WP1&2 to rely on best practices for knowledge and technology transfer. LVA has the ownership of the content and is a FIELDS partner.</p>			

Reference number	2013-1-TR1-LEO04-47850 3		
Project / network dates <i>(year started and completed)</i>	AiFooST 06/2013 – 05/2015	Programme or initiative	LdV Life long Learning Programme
Title of the project / network	Analysis for the improvement of the food safety training in the food and agricultural sector		
Coordinating organisation	POYRAZ MÜHENDİSLİK EĞİTİM VE LABORATUVAR SİSTEMLERİ (TR)		
Website	http://		
Password / login if necessary for website			
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>			

The aim of this project is to create a transnational association made up of companies and organizations related with the food and agriculture sector, food safety and vocational training, to exchange experiences and cooperation on an issue of common interest which is: “training of workers in the food and agricultural sector in order to improve food safety”. In this way we intend to collaborate with the initiative “Better Training for Safer Food”. This is a Commission initiative aimed at organizing a Community (EU) training strategy in the areas of food law, feed law, animal health and animal welfare rules, as well as plant health rules. This project mainly concern the increasing demand for high quality training, clearer identification of priorities and target audience and improved dissemination and evaluation. LVA has the ownership of the content and is a FIELDS partner.

Reference number	727929-2		
Project / network dates <i>(year started and completed)</i>	TomRes (June 2017-November 2020)	Programme or initiative	HORIZON 2020
Title of the project / network	A NOVEL AND INTEGRATED APPROACH TO INCREASE MULTIPLE AND COMBINED STRESS TOLERANCE IN PLANTS USING TOMATO AS A MODEL		
Coordinating organisation	UNIVERSITA DEGLI STUDI DI TORINO		
Website	http:// www.tomres.eu		

Password / login if necessary for website			
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>			
<p>In this project there are included activities related to participatory training through demonstration. The training strategy has the goal of developing the capacity and knowledge of trainees by presenting new information together with analytical methodologies for the trainees to discuss and consider in light of their own work experiences. Main characteristics of participatory training include open communication between participants and facilitator and the involvement of participants in the whole process (curriculum development, execution, evaluation). A specific training module is going to be dedicated to resource stewardship). The participatory training through demonstration will be analysed in T3.1. No ownership issues as GAIA is a partner of the project and a partner in FIELDS.</p>			

Reference number	Agri 2017-0171		
Project / network dates <i>(year started and completed)</i>	2 CAP (May 2017-April 2018)	Programme or initiative	DG-Agri
Title of the project / network	2 CAP		

Coordinating organisation	Leader: GAIA EPICHEREIN	
Website	http:// N/A	
Password / login if necessary for website		
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>		
<p>The general objective of the 2CAP program was to contribute to the maximization of the positive impact from the implementation of the CAP in Greece both among farmers and rural stakeholders and the general public. Thus GAIA organized and accomplished the following activities:</p> <p>2CAP Road Trip: Information Road Trip around Greece in order to reach a maximum of the Target Audience</p> <p>Field Visits: On the spot visits to cooperatives, agricultural undertakings, smart farming pilot projects</p> <p>Mass Media: TV Show production for the general public “This is a Farmer’s World”</p> <p>Digital World: Digital Services aiming to reach mainly farmers and children in urban areas</p> <p>Workshops & Seminars: Regional Seminars and Workshops - Most of the seminars will take place in rural areas and will be targeted to farmers, rural and agri-food stakeholders and decision makers at local/regional level</p> <p>Experience in dissemination will be used in FIELDS and the stakeholders of 2CAP involved in FIELDS. No ownership issues as GAIA is the leader of the project and a partner in FIELDS.</p>		
Reference number	Agri 2016-0189-01	

Project / network dates <i>(year started and completed)</i>	GAIA CAP (May 2016-April 2017)	Programme or initiative	DG-Agri
Title of the project / network	GAIA CAP		
Coordinating organisation	Leader: GAIA EPICHEREIN		
Website	http:// N/A		
Password / login if necessary for website			
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			

GAIA CAP proposal constituted a self-contained and coherent set of 9 information activities that raise public awareness and inform farmers and others rural stakeholders about the CAP 2014-2020 forward looking goals and challenges. Farmers' Seminars: Local/Regional Seminars "CAP 2014-2020: what's at stake and what comes next?"

The first information activity consisted by seminars that took place in rural areas and targeted to farmers, rural and agri-food stakeholders and decision makers at local/regional level. Another information activity that took place during the project was the design, development and delivery (including the support) of a farmers forum and social Network. Moreover, a Wikipedia-like electronic encyclopedia entitled Farmers Pedia was created covering all aspects of information in relation to the implementation of the CAP 2014-2020 and its impact on the Greek agricultural sector. Lastly, Visits to Cooperatives/ Wineries were organized. Through collaboration with cooperatives that are part of the nation-wide network of GAIA, schools in rural areas had the possibility to visit local cooperatives and learn about their activities.

The network created in this project will be used in FIELDS for dissemination. No ownership issues as GAIA is the leader of the project and a partner in FIELDS.

Reference number			
Project / network dates <i>(year started and completed)</i>	TOPEST (April 2015- May 2016)	Programme or initiative	FIWARE-FI ADOPT
Title of the project / network	Training tOolkit for the sustainable use of PESTicides		
Coordinating organisation	Leader: GAIA EPICHEREIN		

Website	http:// N/A	
Password / login if necessary for website		
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>		
<p>TOPEST developed a Training tOolkit for the sustainable use of PESTicides (TOPEST) that is in line with measures set by the Directive 2009/128/EC (and the accordingly set up Greek National Plan for the Sustainable Use of Pesticides)and targeted : (a) to familiarize Greek farmers with the potential risks of pesticide use to human health and the environment as well as with the appropriate measures to reduce those risks as much as possible and (b) to assist them in preparing for the official tests organized by the national authority designated to grant the certificate of the sustainable use of pesticides (the Plant Protection Direction of the Ministry of Agriculture and Food).</p> <p>No ownership issues as GAIA is the leader of the project and a partner in FIELDS.</p>		

Reference number	5543121-12014-AT-EPPKA2-KA
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Project / network dates <i>(year started and completed)</i>	Food-STA (Jan 2015 – Apr 2018)	Programme or initiative	ERASMUS +
Title of the project / network	Food-STA - European Food-Studies and Training Alliance		
Coordinating organisation	BOKU, University of Natural Resources and Life Sciences (Austria)		
Website	https://www.food-sta.eu/		
Password / login if necessary for website	-		
<i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i>			
<p>Food-STA established an independent “EuFood-STA Center”, a platform with local hubs in different regions, as an organisational frame for international and sustainable collaborations between industry and academia in the food sector.</p> <p>Involved were 7 universities, 3 food companies and 11 multiplier organisations and training providers based in Austria, Belgium, France, Germany, Greece, Italy, Netherlands, Portugal, Spain, Switzerland and UK.</p> <p>No ownership issues as SEVT, ANIA are partners of the project and a partner in FIELDS.</p>			

Reference number			
Project / network dates	2016/2019	Programme or initiative	Interreg Mediterranean
Title of the project / network	Uptake of the Product Environmental Footprint across the MED agrofood regional productive systems to enhance innovation and market value (PEFMED)		
Coordinating organisation	ENEA - Italian National Agency for New Technologies, Energy and Sustainable Economic Development		
Website	https://pefmed.interreg-med.eu/		
Password / login if necessary for website	/		
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>			

PEFMED project focuses on reducing the environmental footprint and implementing green innovation through the all agro-food supply chain. Within the framework of the project there will be testing of PEF-compliance distance-to-target in 9 testimonial MED agrofood clusters & supply chains (100 companies) upon a range of products. The main results of the project will be fostering targeted systemic ecoinnovation interventions to green the agrofood sector (also galvanizing the RIS3 goals related to innovation in agrofood industrial production) and raising the market value of PEF-compliant productions, combining PEF standards with endogenous socio economic footprint aspects.

No ownership issues as GZS-ZKZP are partners of the project and a partner in FIELDS.

Reference number	T1EAK-03987		
Project / network dates	2018 - 2020	Programme or initiative	
		<i>Hellenic General Secretariat for Research & Technology, Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (2018-2020)</i>	
Title of the project / network	Bioproductive circular, precision farming system (Biocircular)		
Coordinating organisation	American Farm School		

Website	http://biocircular.gr/	
Password / login if necessary for website		
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>		
<p>BIOCIRCULAR tackles major issues in inefficient and unsustainable farming practices leading to inappropriate application of resources such as artificial fertilisers, non-optimised value chains in the production system, and insufficient data handling and processing. The new proposal will build on existing knowledge through the incorporation of smart farming and smart processing processes into an integrated system for the optimal farm management. EfB's relevant background IPR will be detailed in the Consortium Agreement.</p>		

Reference number	registered concession on 01/25/2019	
Project / network dates	2019-2021	Programme or initiative PRIMA Section 1 – Farming Systems 2018. RIA; Farming systems. Improving the sustainability of Mediterranean agro-ecosystems
Title of the project / network	Sustainable production in water limited environments of Mediterranean agro-ecosystem (SUPROMED)	

Coordinating organisation	UCLM		
Website	http:// in construction		
Password / login if necessary for website			
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>			
<p>SUPROMED will provide a holistic crop-livestock water management system resilient to climate change. In detail, an end-user's IT platform specially designed to smartly advise farmers in the efficient water management of Mediterranean cropping and livestock systems will be delivered No ownership issues as UCLM is the coordinator of the project and a partner in FIELDS.</p>			

Reference number	DeSurvey) (SUSTDEV -CT-2004-003950-2		
Project / network dates 2005-2010		Programme or initiative VI FP	

Title of the project / network	A Surveillance System for Assessing and Monitoring of Desertification
Coordinating organisation	CSIC -Spain
Website.	http://
Password / login if necessary for website	
<p><i>Please summarise the project/network outputs and describe (a) how the new proposal seeks to build on them and, (b) how ownership / copyright issues are to be dealt with (Recommended limit: 500 characters).</i></p>	
<p>This project offers a contribution to standardize the desertification treatment by complementing assessment of desertification status with early warning and vulnerability evaluation of the involved land use systems. To this purpose the interactive effects of climatic and human drivers of desertification will be taken into account in a dynamic way. The project goal is to deliver a compact set of integrated procedures, with application and tutorial examples at the EU and national scales. The outputs can be used for WP2. No ownership issues as UCLM is a partner of the project and a partner in FIELDS.</p>	

PART I. Relevance of the project

Please note that this part includes questions for the three Lots. All specific questions are marked with the Lot number(s) they address.

We remind you that Lot 3 proposals have to include Lot 2 activities, therefore please answer all relevant questions.

I.1. Why has the consortium decided to undertake this project?

Lot 1, 2, 3: *Please outline the purpose behind your project, clearly analysing the specific needs/problems/challenges which it intends to address. Please describe results of the previous related activities your proposal will build on (Recommended limit: 3 000 characters).*

European agriculture is facing many challenges, the Food 2030 policy highlight the vulnerability of agri-production due to the globalisation of the markets, increasing competition, the prices volatility and the economic uncertainty along with the low incremental crop productivity. Those vulnerabilities are stressed by an increasing demand for food and feed while environmental concerns increase and climatic changes generate more uncertainties. Moving from business-as-usual agriculture to Sustainable farming is a complex process which requires a system approach, including reshaping the role of the farmer: from mere producer of food and commodities, into "wise manager of the natural capital".

The purpose of the project is to answer those challenges through the skills prism. Indeed, the Organisation for Economic Cooperation Development (OECD) analysis of the factors which affect productivity identifies 'People' as one of the six factors. It states that: 'Improving the skills of the workforce and the ability to harness them via effective leadership are critical to productivity growth. A correlation exists between business performance and levels of skills and education.' However, the fact that 94% of businesses employ fewer than 10 people or are family holdings and therefore lack professional human resources support, shows that unlike other sectors, the agriculture needs a dedicated skills strategy backed with specific curricula and training.

Today's farmers undoubtedly have expertise yet they need help to gain additional skills to deal with new technologies and to meet the challenges of climate change and land management in the 21st century. In addition, the level of qualifications is low by comparison with other sectors, there is poor uptake of lifelong learning. This is largely due to a lack of awareness of options and benefits, a mismatch in available training and industry needs and a general inertia to develop people.

A clear an EU sectoral skills strategy is needed to improve risk management, stem the loss of practical skills, improve understanding of new technologies, develop business and leadership skills and bring about a more coordinated approach to skills development.

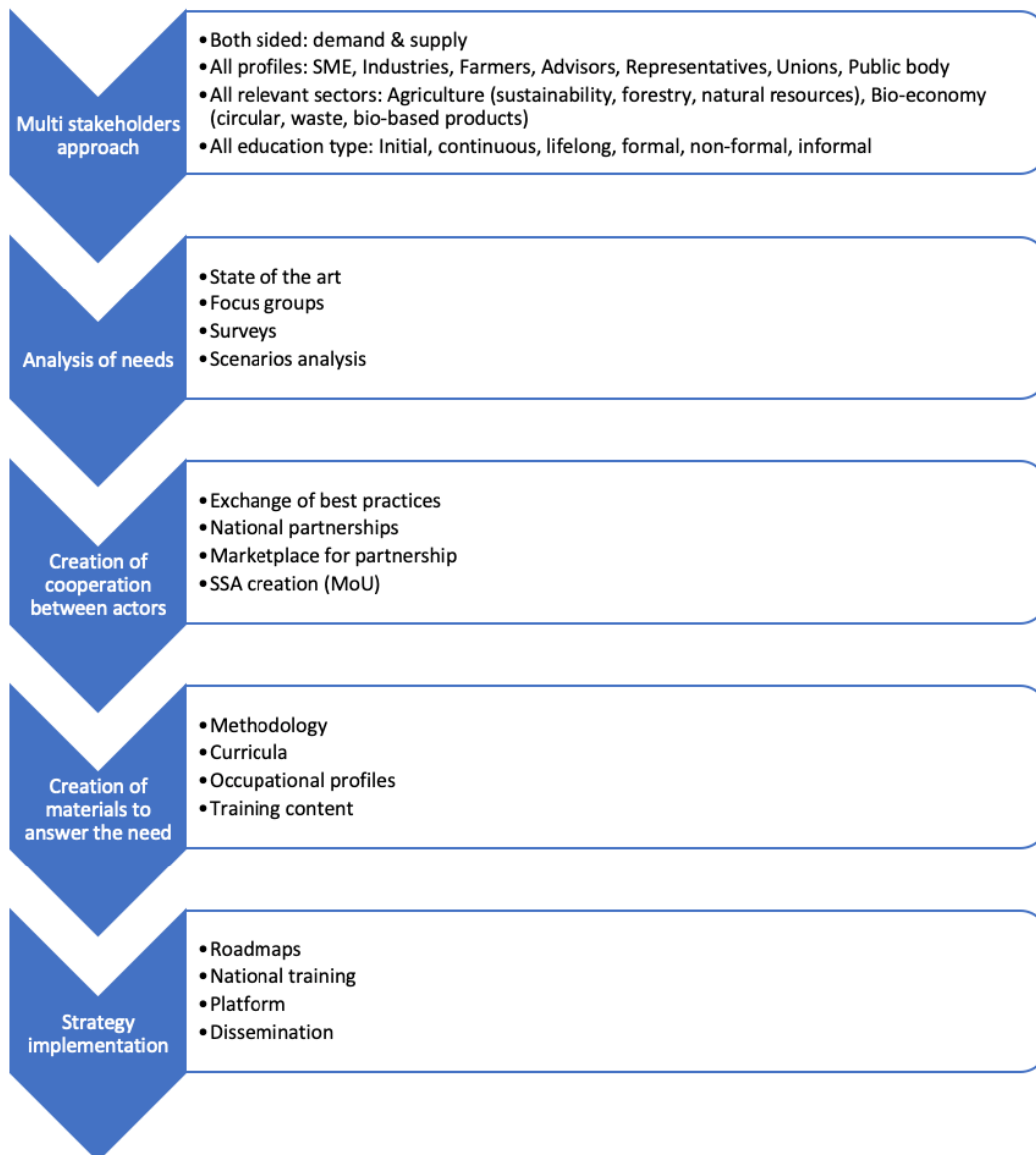
Bio-economy by linking the various actors of the value chain, by making use of new circular economy model allows to tackle many of the challenges agriculture is facing, but proper skills strategy is missing to allow farmers to address it successfully.

FIELDS will rely on previous activities and competences represented in the large consortium to define a sectoral skills strategy. Previous project are listed in Part 0 of this proposal. But FIELDS project will also rely on two on-going activities led by BIC and CEPI, which aim at identifying skills needs and skill gaps in the bio-economy sector and the forestry sector.

Lot 3: *Please explain how the project proposal contributes to achieving the implementation of a new strategic approach to sectoral cooperation on skills (Recommended limit: 3 000 characters).*

The agricultural economy is intrinsically modelled by objectives of environmental, economical and social sustainability and by the evolution of consumers’ tastes and values. For these reasons the “human factor” and the capacity of science and entrepreneurship play a fundamental role in shaping the future of agriculture. The challenge of the occupational transformation in the agriculture and food sectors is therefore to continue to assure sustainability, health and well being by using all the resources made available by scientific advancements and technological support. To bridge the gap between the high level objectives and task of the global reshaping induced by the stream of the bio based economy, agriculture stakeholders must be active in mobilising competences and skills that are essential to their difficult task of maintaining a sufficient flow of knowledge and abilities in line with the desired competitive goals. Educational provisions and good recruitment of human resources are hence important part of the redesign strategy of agriculture and bio-economy stakeholders.

FIELDS is a project structured to achieve a dynamic integration of skills and competences for the agriculture sector into a coherent framework linking knowledge and competition for a successful and sustainable bio based economy. It will develop a comprehensive and sustainable strategy for the feasibility of a skilled agriculture and circular bio-economy fully integrated into the stream of a global food supply chain consistent with the UN SDGs. The FIELDS project will follow several actions that lead to the implementation of a new strategic approach to sectoral cooperation on skills as shown below:



The multi-stakeholders approach allows to involve all actors, in particular from the demand side (farmers, Industry, SME) and from the supply side (students, VET providers, HEI), creating a strong link and understanding between them

is important to match the evolution of technologies with the fields. FIELDS project will create strong cooperation between actors, establishing partnership inside the project to link both sides of the skills market. The general strategy will be defined based on a deep analysis of the needs, but it will also be put into practice directly inside the project, through the creation of methodologies, curricula and training content implemented through pilot training at the partner's premises, in country languages, to engage the farmers and foresters. To have a larger impact, national roadmaps containing concrete steps and actions will be created to help all stakeholders put into practice the elaborated strategy at EU level.

An Agriculture SSA with a memorandum of understanding signed by 50 partner from inside FIELDS partnership and from outside of the consortia, will be established during the project to build upon the regulatory frameworks and opportunities at EU and country level, while proposing concrete and practical initiatives to address skills challenges, in particular through offering modular training while guaranteeing mobility of workers within the agriculture, forestry and agrifood industry.

Lot 1, 2, 3: Please explain how the project proposal fits in the objectives of the participating organisations and contributes to achieving relevant European policies in the fields of education and training, as well as sectoral and regional policies where appropriate (Recommended limit: 3 000 characters).

The project proposal perfectly fits in the objectives of the participating organisations and represents a true added value for their strategies.

The project is an opportunity for the VET providers and HEI that will align their course and curricula with the labour market needs ensuring quality placement for their trainees and students not only at country but also at EU level. It will also directly benefit to the umbrella organisations that represent the end users. Their member will benefit from a clear vision of skills needs to tackle the future growth of the sector.

The FIELDS project will also meet several European policies for agriculture, in particular by answering the main pillars of the new CAP:

- to ensure a fair income to farmers by providing them with the right set of skills to tackle the circular economy changes, the adaptation of their business model also with the use of digital technology (marketplace, short food supply chains, direct sells, new circuits)
- to increase competitiveness, to face climate change and protect food and health quality by promoting and providing skills to use models and tools such as a Decision Support System (DSS) to advise farmers and technicians on the design and optimal management of agroecosystems to increase farm production and income through reduction and more efficient use of natural resources and water and others inputs such as energy and fertilizers, while decreasing the environmental impact and increasing their resistance to climate change”
- to rebalance the power in the food chain, by highlighting the skills required by the agri food systems, and creating content and curricula to gain those skills and empower the producers,
- to support generational renewal by promoting the careers opportunities in the sector, creating apprenticeship scheme to help the transfer of best practices between generations,

The European Commission has set four strategic objectives for education (cf. Council conclusions of 12 May 2009 on a strategic framework for European cooperation in education and training (ET 2020)). Among these objectives, the proposal particularly focuses on the first one: “1. Lifelong learning and mobility need to become a reality with education and vocational training systems being more responsive to change and to the wider world”; and the third one: “ [...] an updated strategic framework for European cooperation in education and training [...] could further enhance the efficiency of such cooperation and provide continuing benefits and support for Member States’ education and training systems up to the year 2020.”

In the Bruges Communiqué, the European Commission has shed light on the importance of the VET in education. The Sector Skills Alliance – Lot 2 & 3 calls tackles that issue and “aimed at responding to identified skills gaps and needs in a specific economic sector, by developing curricula, as well as teaching and training delivery methodologies.” The proposal will precisely follow those guidelines.

Indeed, while answering sectoral policies through the creation of a skill strategy, the FIELDS project also contribute to achieve European policies in the field of education and training. The consortium involves European VET providers networks, national VET providers, leading HEI in sustainability, bio-economy and digitalisation for agriculture. They

will all work, in partnership with the producers association, towards a larger uptake of VET in the sector, the promotion of work-based learning, identifying and strengthening key competences in VET curricula, answering the Riga Conclusions, the Council conclusions and the former Bruges communiqué.

Regarding VET education policies, five indicators of the EQAVET will be targeted in training:

- Participation rate
- Completion rate
- Placement rate
- Satisfaction rates
- The quality of training material

The ECVET, EQAVET certification will ensure that the training at country level will be certified within a transparency framework, that will allow concrete mobility of skills and laborforce around Europe. This certification also increases the demand of the training, because it produces more visibility of trainees.

Lot 1, 2, 3: *If your proposal integrates digital/green or other important skills please explain how they are addressed (Recommended limit: 3 000 characters).*

The agriculture sector has a different structure than other industry. Innovation in agriculture and its value chain is mostly horizontal, guided by insights and made through step by step improvements. Trials and errors are an important aspect of the innovative process.

For this reason innovation in the agriculture sector is rarely provoked by the systemic inclusion of new discoveries in the productive process. Adoption of innovation is seldom radical, mainly in bioeconomy. Nonetheless, in recent times also the agriculture sector has been touched by the logic of integrating into the culture of farm and company innovation certain practices of the cutting edge innovative industries.

There are new challenges and opportunities for agriculture today, driven by the climate change, the greening of the products and processes, the reuse of side-stream products, the raised complexity of the chain and the increased availability of information.

However, to successfully address and react to these drivers, agriculture and forestry needs new business models and skills. The identification of existing and emerging skills needs in bio-economy, agricultural sustainability and for the use of digital technology, is of paramount importance to develop a strategic approach to keep the European agricultural sector competitive and sustainable in the long term.

Part of this development is steered by the progressive inclusion of agri-food chains into the global topic of sustainability. Agri-Food systems are now integrally considered as a major actor in the fight for long term natural resources sustainability and critical subsystem for the climate change challenge.

Secondarily, bio economies and agriculture systems are more and more touched by the evolution of enabling ICT technologies in practically all the phases of agriculture and food design, production and distribution. These features help to insert agri-food chains in a stream of global level innovation and hence readjusting of skills and job profiles. The FIELDS project will address the skill, competence and experience needs in agriculture by assessing the potential of digitalisation and innovation in agriculture through the analysis of scenarios, surveys, focus groups. Their analysis will be carefully conducted and will lead to the creation of occupational profiles taking into account current and future needs in the field of digital, green skills. They will be converted, for the one identified as the most urgent into specific training modules for the different target groups. The partners will work on four different modules each tackling a topical subject linked with digital, green or other important skills. The following modules topics and their responsible partner has already been foreseen:

Module	Leader	Co-leader	Involvement
Common and soft skills	INFOR	EFB	ICOS, LVA, AC3A, CONFAGRI, UNITO
Sustainability	UCLM	UNITO	ICOS, AC3A, AP
Bio-economy	UHOH, CEPI	FJ-BLT	ICOS AP,
Digitalisation	CERTH	FJ- BLT, PA	UHOH,

In addition to the modules where content will be created and training pilots implemented for the trainers and the trainees, curricula covering those skills needs will be designed for future use at a wider scale by European VET or HEI providers.

I.2. Analysis of the subject area (current state of the art) and innovative character

Lot 1, 2, 3: *Please explain how the needs analysis has been carried out. Please indicate what the project is offering that is new and what are the main innovative elements of the method(s), result(s), approach(es), etc. (Recommended limit: 3 000 characters).*

There are new challenges and opportunities for agriculture today, driven by the climate change, the greening of the products and processes, the reuse of side-stream products, the raised complexity of the chain and the increased availability of information. However, to successfully address and react to these drivers, agriculture and forestry needs new business models and skills. The identification of existing and emerging skills needs in bio-economy, agricultural sustainability and for the use of digital technology, is of paramount importance in order to develop a strategic approach to keep the European agricultural sector competitive and sustainable in the long term.

FIELDS consortium gathers many umbrella organisations located in Brussels, as representative organisations, they are involved in many focus groups, think tank, work groups around agriculture, forestry and bio-economy. They have identified a number of objectives and associated strategies recapitulating, within the framework of a multi-actor approach, the aims of economic and social stakeholders engaged in the task of adjusting agri food systems to the global challenges ahead.

Copa Cogeca, EU farmer federation who supported exclusively the project, along with the prestigious members of the High Advisory Board (HAB) have identified 3 objectives as a top priorities: (see: Copa Cogeca Mind Map; Food Drink Europe position papers on R&I, BBi and BIC 2030 and 2050 plans, ETP Food For Life, ETP Plants for the Future, ETP Spring, ETP Fabre, ETP Organic, Strategies and Implementation plans, Food 2030 Plovdiv Expert Group; Facee and Hdhl JTIs, Susfood , Scar Akis Foresights, DG Agri Communications, EIP Agri Focus Groups, DG RTD communications, DG Health communications, DG Envi communications, EIT Food Kic plan, Horizon Europe Clusters/Challenges and Missions)

1. favouring sustainable agriculture systems;
2. enhancing a bio circular and resource efficient agricultural systems;
3. fine tuning agriculture and food systems to deliver safe and healthy food at fair conditions.
- 4.

Agri-Food chains have also a major responsibility in making people able to access good and safe food and help reduce conditions that limit this task, and they have to communicate to the farmers the marketability of these concepts to make a green product. To guarantee the multi-stakeholder approach some national organisations of the food industry also participate in the action.

The FIELDS will take an innovative approach to analyse the skill needs, through scenarios analysis, focus groups, innovative curricula including state of the art or new methodologies will be designed. The project will design strategies to provide knowledge transfer through training at EU and country level, to reach both people in initial training and farmers. Learners will be engaged with modular innovative training, flexible schedule, and the possibility to take only the skills they need. On the other hand, following complete training will provide EU certification and mobility of the labour force. While pursuing the future engagement plan, a memorandum of understanding will be signed by 50 partners to start an Agriculture SSA, build upon the regulatory frameworks and opportunities at EU and country level, while proposing concrete and practical initiatives to address skills challenges, in particular through offering modular training while guaranteeing mobility of workers within the agriculture, forestry and agrifood industry.

I.3. Aims and objectives of the project

Lot 1, 2, 3: *Please define the aims and objectives of the project and how these will address the problems and challenges identified in section I.1 (Recommended limit: 5 000 characters).*

FIELD'S goal is to deliver human capital solutions to supply food systems and bioeconomy chains, through the establishment of an Agriculture and Forestry Sector Skill Alliance. The action will provide analysis of skill gaps for bioeconomy, digitalisation and sustainability, EU and country strategies, curricula, apprenticeship schemes, modular training material and opportunities to implement further the skills after the project ends.

FIELD'S main objectives (MO) and aims are described below, as well as the project sub-objectives (SO). The project will answer all these objectives thanks to the methodology and work plan detailed in the part 2 and 6 of this proposal.

MO1: Development of a sectoral skill strategy.

It will encompass various parts, from the presentation of the state of the art, the definition of skill gaps and future needs, to the design of recommendations, best practices, and partnerships in place to support the growth strategy of the sector. The strategy will be accompanied by national roadmaps for its implementation and a set of education support (curricula, tools, pedagogical approach, training content, train the trainers toolkit, etc).

MO2: Training implementation.

The training will answer the most urgent needs identified in the project and will choose the best methodology for its target groups, providing innovative ways of learning, both for adults (continuous learning) and for students (initial learning) through various set-up (formal, non formal education) and with the appropriate tools (online platform, in-class activities, etc). The training content will be created in response to the needs identified, and have already been classified into 4 different broad topics: 1) Common skills and soft skills, 2) Sustainability, 3) Bio-economy and 4) Digitalisation.

MO3: Sector Skill Alliance implementation. An Agriculture SSA will be established during the project to build upon the regulatory frameworks and opportunities at EU and country level, while proposing concrete and practical initiatives to address skills challenges, in particular through offering modular training, free material and resources while guaranteeing mobility of workers within the agriculture, forestry and agrifood industry.

To reach those three main objectives, two sub-objectives have been defined:

SO1: Develop common methodology for skill assessment.

Skill assessment is made difficult when no criteria are existing. This is the case when the skill hasn't been properly identified or is not yet linked to an existing occupation because of its recentness. It is thus first needed to create the relevant description for them, following the EU framework (ESCO), before being able to define a set of criteria to assess them.

SO2: Identify occupational profiles and prioritise them

Occupational profiles are the basis for job description, facilitating future employment of the worker and hiring process for the producers. The FIELD'S project will have two tasks dedicated to occupational profiles identification from the outputs of the WPI.

To increase the impact of the project, three sub-objectives have been defined:

SO3: Develop concrete solution to illustrate the strategy, develop mobility

FIELD'S project will develop several outputs that will contribute to the illustration of the strategy, namely an online platform where many outcomes of the projects will be displayed and put at the disposal of the wider public. The target groups will be able to use them to implement the strategy based on the consortium example of implementation. Partnership will be signed, best practices implemented, course delivered, trainers trained, those are all examples of concrete solution. Mobility will be encouraged through the creation of an apprenticeship database, and made easier with the attribution of ECTS credit to the students modules, and ECVET for VET trainees.

SO4: Promote attractiveness of the sector

To address the ageing of the sector, facilitate transfer of knowledge between generation and act for the gender equality in the sector, it is important to adopt a communication promoting agriculture, forestry and bio-economy jobs and raising awareness about the careers opportunity it has to offer. Even if part of the sector is mainly family structured, many positions need motivated, skilled, innovative and dynamic workforce.

SO5: Long term sustainability

To ensure the project outputs are used after the project termination, the sustainability of the project will be sought through the implementation of an exploitation plan, the creation of a project governance, and the research of alternate source of fundings. Last but not least, will be signed a memorandum of understanding by 50 partners, to achieve a Sector Skill alliance that will be established during the project to build upon the regulatory frameworks and opportunities at EU and country level, while proposing concrete and practical initiatives to address skills challenges, in particular through offering modular training while guaranteeing mobility of workers within the agriculture, forestry and agrifood industry.

Lot 3: Please explain how the proposal contributes to building transnational networks and cooperation tools between relevant stakeholders to adapt education to emerging needs of the sector (Recommended limit: 3 000 characters).

Through its large consortium, FIELDS will already involved 30 key european players and build strong communication between them to reach its objectives. A shared private platform will allow them to exchange, plan, follow the project activities. Each partner will then act as an ambassador in its country, or at the EU level for the representative partners. This first structure will contribute to build a first network of transnational cooperation.

Working at this scale fosters the replication of best practices. It also enables to aggregate skilled specialists able to focus on a specific aspect of the project. It can be seen that different trainers will provide competencies on specific domain that has been developed in another country.

The development of this training program cannot be utterly achieved through cooperation at the national, regional or local level as the quality of the project depends on the various experience amid European partners. As there are numerous different skills and practices within Europe, European cooperation is an enrichment. This will accelerate the adaptation of education to emerging need, by fast transfer of knowledge from one country to another. The common train-the-trainer period at AP premises will help to built transnational network among VET providers.

Moreover, the project activities are designed to allow further creation of partnerships in Europe. A public platform will be created to store many of the project outputs, and favoritise the creation of partnerships or shared use of the project content between external stakeholders, to replicate at national level something seen in another country.

The transaltion of the whole training material in country language will help to engage learners of EQF level 4 and will remove an important barrier represented by the low English skills that characterize the farmers and forester people.

An accurate plan for future engagement will be designed to make sure the resources and outcomes of the project will be used freely by the stakeholders. A Memorandum of Understanding will be signed to establish an Agricultral Sector Skill alliance that will expand the membership to external stakeholders, other member states and dissemination activities will aim at presenting it.

The platform provided in the pilot phase will contain a list of VET provider and their palatability for partnerships creation, it will store the available course, accreditations, apprenticeships available by location. The platform will be available free of charge for 4 years after project termination, and it will be open to receive curricula, course in agriculture, even if not in the subject of the FIELDS training.

I.4. Expected results

Lot 1, 2, 3: Please describe expected/planned results of the project (Recommended limit: 5 000 characters).

The expected results are:

- A growth strategy clearly defined
- The state of the art of the training and education methods in the sector
- An analysis of the sector best practices in education and training
- A database of the VET providers and their palatability for partnership (30 within the first year and 90 at the end of the project)
- A detailed analysis of focus group and survey about skill gaps and needs

- Results of the scenarios analysis and its linked potential occupational profiles
 - A set of 10 prioritized occupational profiles (set of skills, competences, knowledge and qualification)
 - A set of methodologies depending on the target group
 - Detailed curricula to obtain the skills, competences and knowledge for the identified occupational profiles and their related methodologies
 - A framework for transferability of the curricula
 - An apprenticeship database and framework per country
 - Full functional open source learning management system. The platform will contain materials and tools to monitor and assess learners' participation, performance and satisfaction in 7 languages.
 - Complete training made of 4 modules available through the open learning platform: 1) Common skills and soft skills, 2) sustainability, 3) Bio-economy and 4) digitalization, translated and prepared for 7 countries and languages
 - Complete training material for the trainers in 7 languages
 - 12 trainers will follow the training
 - 90 trainees from 7 countries will be trained during the experimentation phase. These trainees will act as disseminators of the class they follow, so they will help to enroll other people in training after the project completion
 - ECVET accreditation material for the FIELDS training when possible, following EQAVET guidelines
 - European sectoral strategy for skills
 - Seven national roadmaps
 - Exploitation Plan, funding opportunity report, regulatory framework
 - A dissemination campaign with Google Adword
 - 1 website to communicate about the project and the training
 - 20000 visitors in the home page of the website
 - 6000 leaflets will be distributed among interested people at the dissemination events. - (8/10 press releases at national and european level
 - 8 newsletters translated in 12 country languages and disseminated through the country network.
 - at least 20 participation/organisation of professional events and conferences
 - 9 posters to be presented at professional events/fairs
- Intangible results are expected thanks to the FIELDS project
- Educational material will be made available in an open repository for schools and other institutions, during and after the end of the project;
 - Improvement of the employability of the trainees, during and after the end of the project;
 - Promotion of IT technologies in education, available on the platform, during and after the end of the project

I.5. European added value

Lot 1, 2, 3: *Please describe the benefits of, and need for, European cooperation. Please also describe why the results cannot be achieved through cooperation at national, regional or local level (Recommended limit: 3 000 characters).*

Education systems (for adults and students) are different in each European country. Although, the EU provides framework and tends toward an harmonised situation, national specificities are still existing. The CEDEFOP study on apprenticeship shows it well, apprenticeship is not defined the same in each country, there are actually four different meanings.

European cooperation is adopted in order to tackle European skills gap. In whole Europe, farmers face opportunities regarding sustainability, digitalization and bioeconomy development in spite of their agricultural specificities. As skills are needed in the entire Europe, working at this scale to improve competencies is the relevant solution

To reach EU general objective and growth strategy of the sector, a general direction must be provided, a general overview and strategy defined at the EU level. Only this can allow to reach the objectives. But as the national specificities are existing, it is also important to provide national roadmaps to achieve the general strategy.

In order to create an EU strategy, implementable in whole Europe, an European cooperation is needed to get both the general view and the local specificities.

The benefit of European cooperation is to foster the identification and the implementation of good practices and innovative VET approaches and make recognition of the credits achieved during the training at the European level (ECVET) that allowed these people to enhance their mobility and their chance to get a better job. This will improve opportunities for consultants and students to work in the sector.

The development of this Eu strategy and training program cannot be utterly achieved through cooperation at the national, regional or local level as the quality of the project depends on the various experience among European partners. As there are numerous different skills and practices within Europe, European cooperation is an enrichment.

Working at this scale fosters the replication of best practices. It also enables to aggregate skilled specialists able to focus on a specific aspect of the project. It can be seen that different partners provide competencies on specific topic that has been developed in that particular country. European cooperation is the opportunity to gather partners with the high level of expertise, the added value compared with smaller-scale cooperation is that strengths developed at the national level are shared among partners.

Cooperation at the national, regional or local level would not reach the same quality provided by the foreign partner. Without European cooperation, the project would not foster with the same efficiency innovative practices.

Through this project, UNITO will transfer its experience in flipped classroom pedagogy to other partners in the project, also providing them with innovative ICT tools for training, while partners would not have been able to develop this methodology through national or regional cooperation.

PART II. Quality of the project design and implementation

Please note that this part includes questions for the three Lots. All specific questions are marked with the Lot number(s) they address.

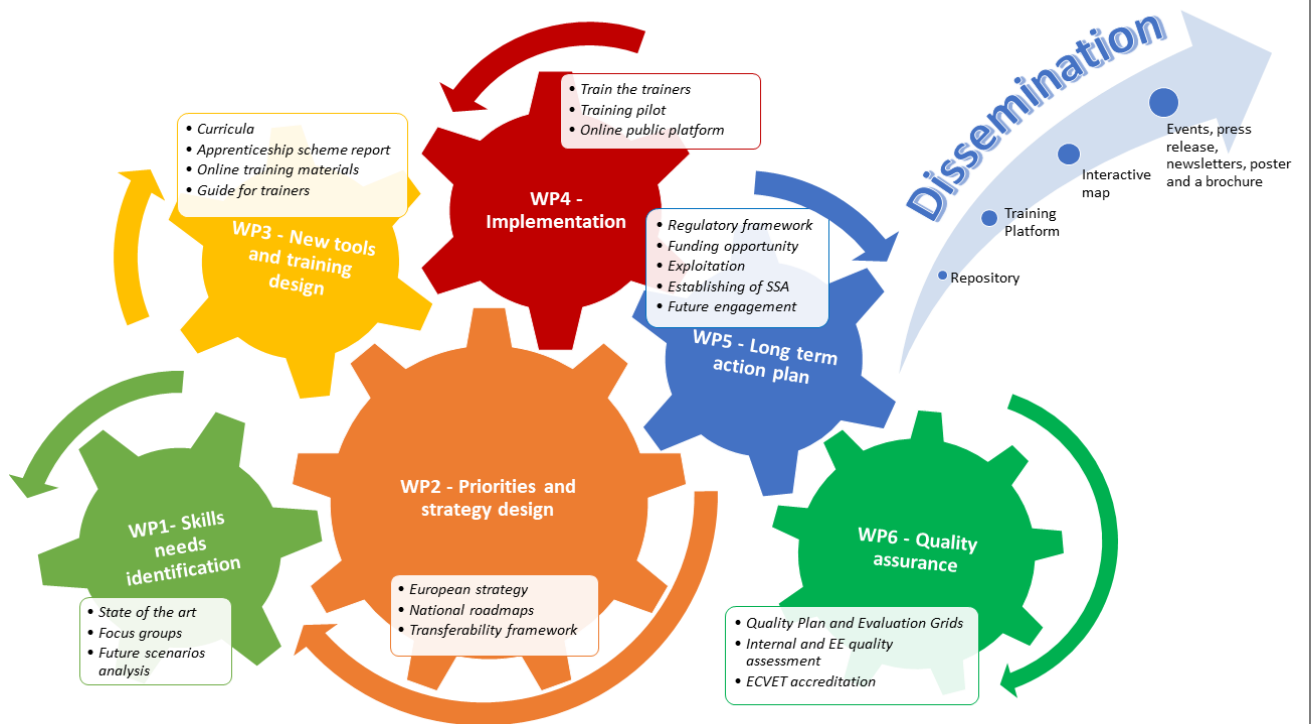
II.1. Methodology

Lot 1, 2, 3: Please explain the strategy that will be adopted by the consortium to address the needs identified; also describe the methodology proposed for implementing the proposed work packages/activities and for achieving the objectives (including major milestones and contributors, how the different work packages and produced outputs will be inter-connected/articulated, measurable indicators, etc.) (Recommended limit: 5 000 characters).

FIELDS aims to delivery human capital solutions to supply food systems and bioeconomy chains, through the establishment of an Agriculture and Forestry Sector Skill Alliance. The action will provide analysis of skill gaps for bioeconomy, digitalisation and sustainability, EU and country sectoral skills strategies, curricula, apprenticeship schemes, modular training material and opportunities to implement further the skills after the project ends.

The goal of the project is to develop a sectoral skill strategy to support the change and growth of agriculture and the bio-economy, by allowing to match demand and supply of skills while taking into account the digitalisation and the innovation of the sector.

To reach this main objective, several core work packages have been defined. In the figure there is an overview of the project structure with the most important deliverables and outcomes of the project. The core WPs are led by VET



and HEI, and 3 by sector representatives.

and a general methodology, breaking down activities into work packages and tasks, have been precisely defined. This general methodology is illustrated in Figure 2, and described below:

WP1 - Skills needs identification

The first step of the project is to draw an overall view of the sector, of its future needs and to identify the current and future skills gaps and training needs through surveys and focus groups involving relevant stakeholders. The consortium will also identify good practices, valuable experiences, existing studies, partnerships and policies.

WP2 - Priorities and strategy design

Once the consortium has identified the needs, the trends and the best practices, it will be able to standardise the skill needs and create occupational profiles that will be prioritised in order to directly create curricula and training for them inside the project. In order to tackle the other profile and create a global direction for the sector, a general EU skill strategy will be defined and its implementation roadmap created for all pilot countries.

WP3 - New tools and training design

In order to adapt the training methodology to the target groups, FIELDS will analyse the most suited pedagogical approach and training methodology for each and create curricula for several occupational profiles. Following the prioritisation of T2.2, 6 profiles will be chosen and training content will be developed to be implemented directly in the project by VET providers and HEI. A module for the trainers will also be created to ensure the proper transfer of the content. To foster mobility of students, an apprenticeship scheme will be developed and linked with the existing EU tools.

WP4 - Implementation

A pilot phase is planned to implement the training module at different scale, on different topics and with different target groups. The implementation will allow a rapid uptake of the content and will allow to collect feedback to refine the methodology, the content and the roadmaps. To outreach the trainees and farmers, the training and the materials will be translated in contry language.

WP5 - Long term action plan

As the main outputs of the project will be a skill strategy and its associated curricula and training, it is important to ensure their future uptake and broad implementation after the project duration. First regulatory framework will be studied to make sure the strategy can be implemented locally, then funding opportunities for its implementation and sustainability will be monitored by the consortium and a governance body will be created to make sure the outputs remain available. A first round of engagement will be sought through the partners' network and the signature of first Memorandum of Understanding to create a Strategy Sector Alliance among 50 partners before project conclusion, that will bring forward the members to collaborate and multiply the resource usage. The High Advisory Board will participate in the agriculture and agri-food Sector Skill Alliance.

WP6 - Quality assurance

A Work Package is dedicated to ensuring the quality of the FIELDS outputs. A Quality Plan will establish the objectives that ought to be reached by each partner. This Quality Plan will also set up principles to ensure the proper monitoring and progress of the project. The WP leaders will be responsible of the quality check of the deliverable in their WP.

3 External reviewers will work on content specific deliverable related to sustainability, digitalization and bioeconomy. The High Advisory Board will be invited at the M13 meeting and at a M45 meeting, to provide feedback on the actions carried out and will invite a fourth external reviewer that will check all deliverables at the end of the program

Standards for deliverables and reports will be developed and implemented in the Quality Plan. In this work package, also the ECVET accreditation aspects will be followed to have curricula and training recognised at European level.

WP7 - Dissemination and communication

The success of the project requires its dissemination toward European stakeholders who might be interested in implementing the strategy and/or imitating the training program. This dissemination is necessary to make sure that the skills gap will be addressed to the largest extent. Thanks to this Work Package, the FIELDS project provides a clear plan for the dissemination of results and includes activities, tools, and channels to ensure that the program will be spread effectively to the stakeholders. This Work Package deals with the creation of a dedicated website, the creation of a Dissemination Plan and the organisation of dissemination and communication campaigns.

WP8 - Project Management

This part of the Work Programme is dealing with the methodology adopted to achieve the expected objectives. UNITO will lead this WP. The consortium will be represented by a Steering Committee. The Steering Committee will enforce its

decision with regard to the Quality Plan in order to ensure the achievement of the objectives. The Steering Committee and High Steering Committee will meet on a regular basis to monitor the progress of the project. Specific management tool will be created and available on the intranet of the project website to facilitate the monitoring of tasks conduction and the sharing of information and documents. The HAB also participate by providing implementation strategies.

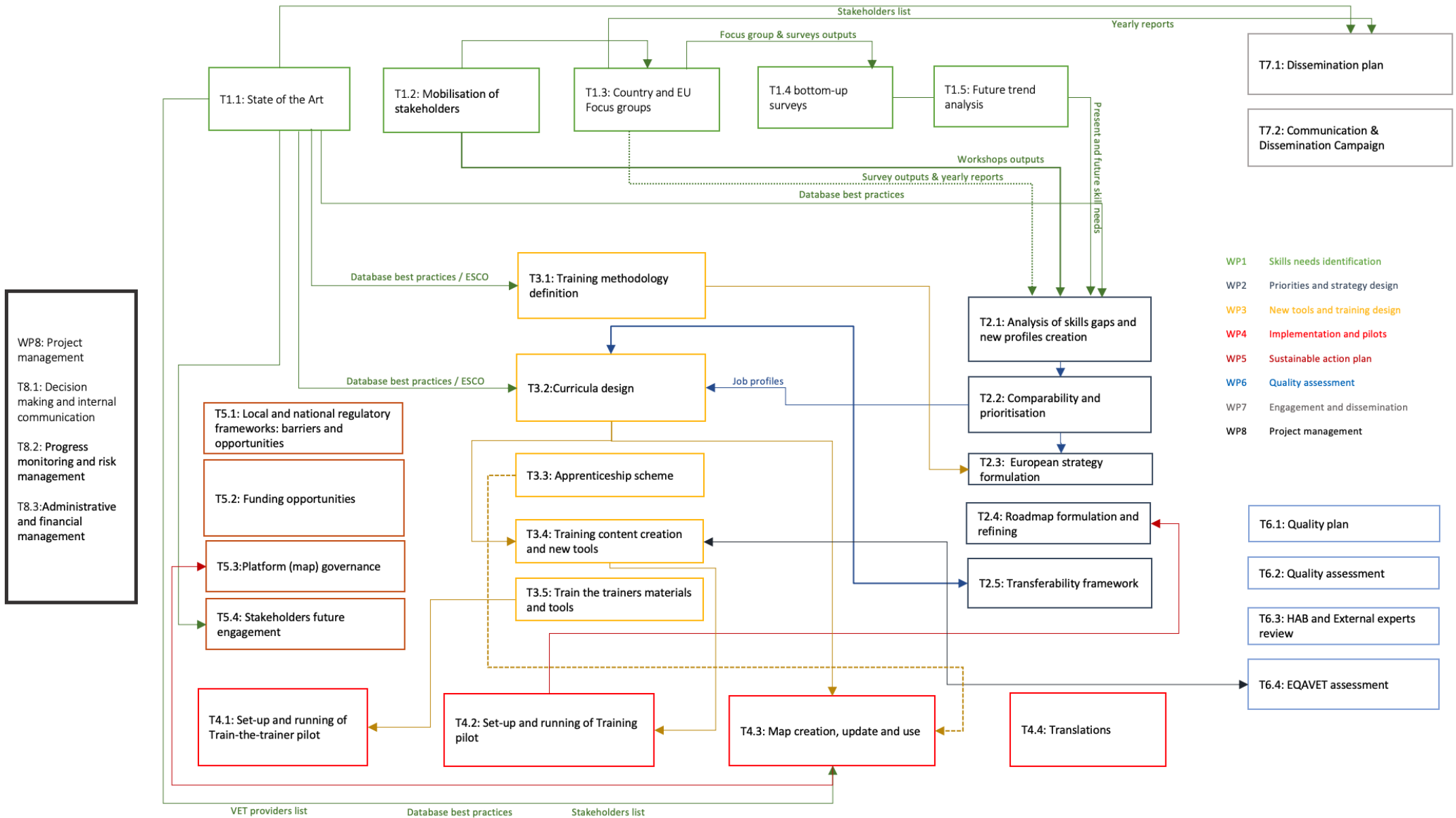
To meet the ambitious objectives of FIELDS, performance indicators followed-up in W6 and 2 milestones corresponding to the main steps of FIELDS will be assessed:

M1: Future trends analysis performed (M15)

M2: Completion of training content (M30)

In total 36 deliverables will be produced.

Figure 2 – Work Packages and tasks connections



Lot 1, 2, 3: Please explain how the proposal makes use of EU instruments and tools related to skills and occupations such as the EQF, ECVET, EQAVET, Europass, EURES, Drop Pin and ESCO (Recommended limit: 3 000 characters).

Existing EU instruments and tools will be largely used in the FIELDS project. Two tasks will be dedicated to making sure that the project's outputs will be useable and compliant with the EU instruments and tools standards, and the use of existing EU tools will be considered in almost all tasks.

During WP1 implementation, partners will study the existing tools, instruments and framework existing at the EU level in order to further use them, be compliant with them or integrate them in all project activities. However, it is already foreseen that in task 2.5, FIELDS consortium will ensure that the WP2 outputs (occupational profiles, job descriptions, skill sets, EU strategy and roadmaps) are in line with the EU frameworks to ensure their use by all EU stakeholders. In particular the ESCO database, with which a contact with the secretary will be established in WP1 in order to be able to provide standardised skills descriptions, skill sets and occupational profiles. FIELDS will also seek links with the ECQA platform.

In task 6.4 FIELDS consortium will ensure that WP3 outputs (methodology, curricula, training content, apprenticeship offers) are in line with the EU frameworks to ensure their use by all EU stakeholders. In particular, the EQAVET procedure will be followed in order to get ECVET certification for the relevant training created in WP3.

In WP3, EQF (ISCED) level will be used to define the target groups of the course modules, while ESCO database and ECVET accreditation (following the EQAVET checks) will be used for the curricula and courses. In addition, a short pledge to join the European Alliance for Apprenticeships will be made and a strong link with the EURES Drop Pin platform will be established in Task 3.3 while implementing an apprenticeship scheme. Europass Cv will be used for the selection of the trainees and trainers in WP3.

II.2. Overall project management

Lot 1, 2, 3: Please explain how the consortium will be coordinated and indicate the overall project management arrangements. You should also describe the division of tasks between the partners and the allocation of resources for each activity (Recommended limit: 5 000 characters).

The project will be coordinated by UNITO. Prof. Patrizia Busato will be the person in charge of the coordination and the representative of this institution. She participated in IEE project related to biogas exploitation in agriculture and agri-food industries. She is responsible for Erasmus+ VET ESCAPE for UNITO and has a certified skills in project management. Beside this, UNITO has a specific office to deal with Erasmus+ project that will help in communication and management issues.

In order to monitor the project, UNITO will draft different contractual documents and project management tools (e.g. Consortium Agreement, periodic advancement reports, standard templates, etc.). A specific intranet content management system will be built and accessible by all partners within the web page of the project. It will contain a repository system to collect the deliverable according to the project plan, deadlines and indicator to be respected by the partners.

As coordinator of the project, UNITO will: 1) chair the Steering Committee and High Steering Committee, 2) be in charge of the redistribution of the subvention between partners and prepare necessary contractual and management documents and tools to ensure its successful utilisation, 3) monitor the technical and financial progress of the project to ensure a good relevance according to the proposal, 4) apply the risk plan management.

Project activities are described within the Work Programme. The Work Programme also allocates the different task that must be performed to partners and details their duration and the moment at which they will begin. Tasks leader are already allocated but could be changed by decision of the SC. The work

programme will be fully searchable on the intranet platform to allow partner to check the activities and deliverables to be made.

The Steering Committee (SC) will be set up to control the project's management and quality. It will be composed of one representative per partner. It will ensure the monitoring of the Work Programme, but also the follow up of the budget. Due to the big size of the consortium, a High Steering Committee (HSC) will be created, composed of all WP leaders. In case it is necessary, the HSC will modify the Work Programme in order to improve partners' capacity to reach their objectives with after validation of the Erasmus+ Agency (EACEA).

The High Advisory Board will also monitor the project, suggest, improve and correct roadmap and outcomes, nominate an external evaluator and participate at three meetings (M13 and M46). It will be composed of:

- Dr. Oana Neagu from Copa Cogeca Head of R&I and Envi Department (invited at the meeting by ICOS)
- Prof. Gert Meyer from Nestlé - Chair of ETP Food For Life (invited at the meeting by CONFAGRI)
- Dr. Kjell Ivarsson from Copa Cogeca - DG of Swedish Federation of Farmers (invited at the meeting by AERES)
- Dr. Robert Hamer from Unilever - Chair of Food Nexus (invited at the meeting by ISEKI)
- Prof. Jochen Weiss from Hohenheim University - V. Chair of EIT Food Kic (invited at the meeting by UHOH)
- Prof. Rafael Morieugo from University of Catalunya - P. Chair EU Sustainability Committee (invited at the meeting by UNITO)
- Prof. Andras Sebok from Campden UK - Hun - Chair of Food Drink Europe R&I Committee (invited at the meeting by UNITO)

Their detailed curricula are attached in Part 5.

Monitoring progress and a Contingency Plan will be included in the Quality Plan. During the project, five SC meetings are planned, respectively in M1, M13, M25, M37, M46 and one final conference in M48 in Brussels. Four HSC are planned, respectively in M6, M18, M31, M38. In addition, regular virtual meetings (at least once every 2 months) will be organised to keep the dynamic, to share information and to address complex or risky situations. A planning and tasks on-going activities will be performed each time.

A Consortium Agreement will be made at the beginning of the project to set up the rules and duties of partners and will plan applicable procedures in case of difficulties met during the project carrying out. Actual deliverables will be checked in comparison with the plan made at the beginning, through the intranet database. The platform will be used to collect the content with authors and owners of the content. A platform report will be available for each partner at any time, so any partner can monitor itself his performance.

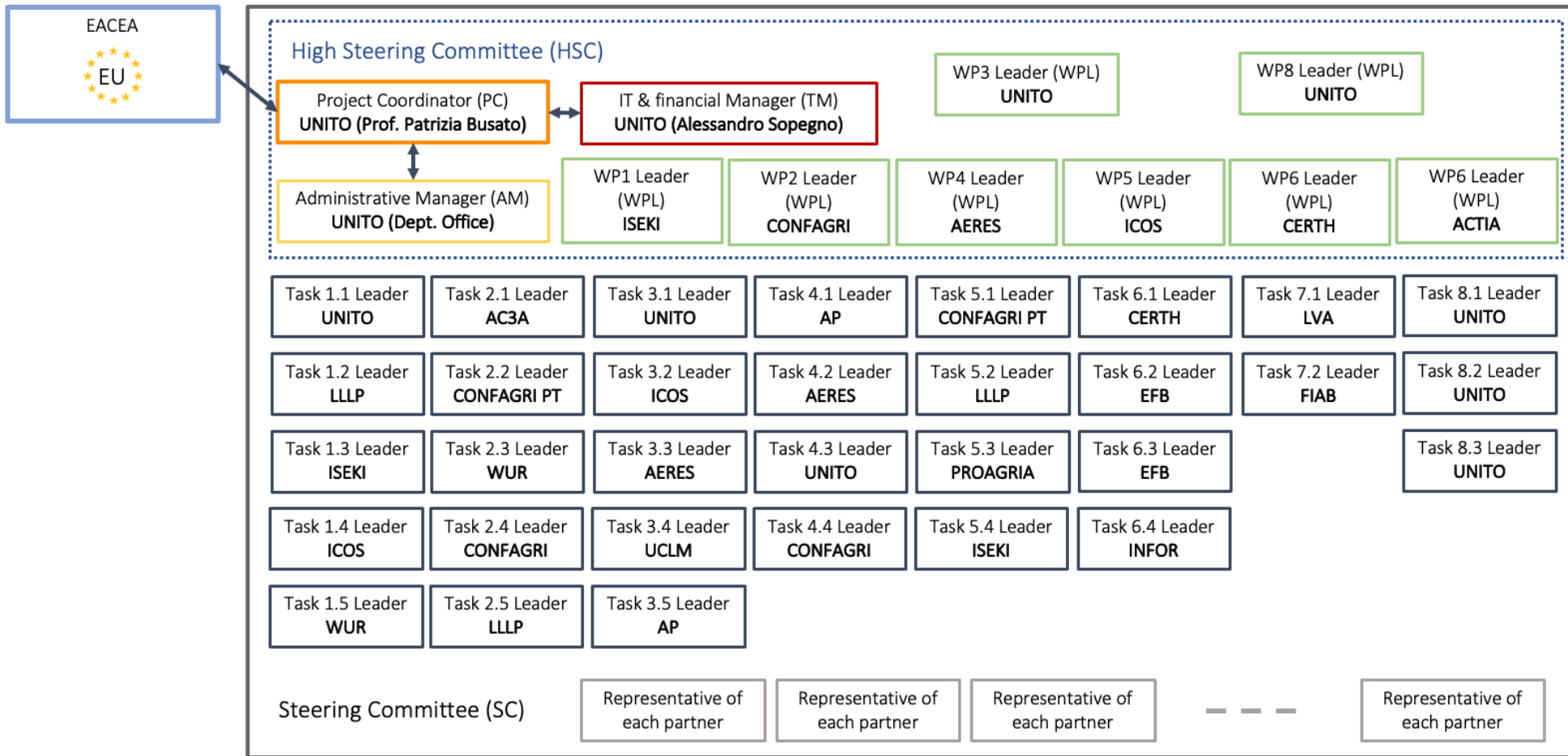
Results of these reports will be discussed during the video conference meetings (every 2 months) and at the progress meetings and will be sent in advance to the WP leader. To monitor both technical and financial deliverable, UNITO will appoint Dr. Alessandro Sopegno, PhD who has excellent skill in monitoring national and EU project, timesheets and other financial issues that might arise. He also has skills in web pages' implementation, Drupal® database creation and so is the right person within UNITO to manage in an optimal way the documental flow. He will be supported by the Dept. office, where payments and money transfer will be made, and the official contract will be issued. He will report to the coordinator, Prof. Patrizia Busato if issues arise and always before the bimonthly video conferences and steering committee meetings.

WP leaders will ensure that partners have produced deliverables and outputs with the appropriate quality, on time, following the quality plan. The task leaders are also responsible for the good implementation of the the tasks and will report directly to the WP leader. They will be in charge of the deliverables of their

task, if not differently stated in the work programme. The project manager for each partner will oversee actions done by its organisation, especially before the sending of each deliverable.

The division of tasks between the partners and the general project management structures are presented in the graph below. The details on budget repartition are available in part VI.1.3 and VI.2.

See below the detailed management structures.



II.3. Quality assurance, evaluation and monitoring

Lot 1, 2, 3: Please define the specific quality measures to be put in place, as well as indicators foreseen to verify the outputs of the project. Explain which mechanisms you intend to use to ensure the monitoring and evaluation of the project, its deliverables, results and outputs (Recommended limit: 5 000 characters).

NB. Quality Assurance (quality plan) contains internal quality monitoring measures that aim to guarantee that the quality of the project processes and results will meet the predetermined plans. SSA proposals should differentiate between the assurance of the quality of the overall project results, and the quality assurance of the delivery of the commonly developed training content that should be based on EQAVET.

Evaluation is a specific activity aimed at assessing if the quality of outputs and/or processes or results is acceptable. It can be internal and external.

FIELDS partners are aware that quality measures are one of the key factors for the success of the project. All project activities and the responsible task leaders are described in the comprehensive Work programme allowing a clear monitoring of their implementation. Two level of quality assessment will be performed, on the overall project results and on the training content developed. Internal and external assessment will be performed for both. The partners are aware of the ECVET requirements and will use the EQAVET toolkit all along the project. They also have defined their own quality plan. For the EQAVET, the VET providers that have experience in this area will implement the measures and indicators needed for the local certification.

At the beginning of the project, a Quality Plan will be produced in order to set rules for the control and the monitoring of project activities. It will establish processes, criteria, management and evaluation methods of the project, both at the internal and external level. The Quality plan will include a summary of the expected results to be achieved by each partner. Standards for deliverables and reports will be described, and the templates developed.

The Quality plan will also define the rules of collaboration between the project partners and the external evaluators as described on task 6.2 & task 6.3. An evaluation grid and methodology will be developed in the Quality Plan for both assessment.

The external evaluation methodology will be designed by FIELDS partners and reviewed with the external reviewers. One evaluator per module (total 4 external evaluators) will be hired to validate that project course content and methodologies meet the highest quality standards approved by experts in each field of the modules (Common and soft skills, Sustainability, Bio-economy, Digitalisation). On external reviewer will also be suggested by the High Advisory Board to check the overall results of the project in mid-term and before the end of the project.

The Quality Committee, composed of the High Steering Committee members will review internally the project outputs on both level according to the procedures defined in the Quality Plan. Monitoring processes and a contingency plan will also be part of the Quality Plan.

In order to guarantee the quality work provided by each partner, a manager per partner will oversee actions done by its organisation, especially before the sending of each deliverable. This manager will be a senior expert in each organisation and will represent the organisation on the Steering Committee.

Each WP will be led by a specific partner. This partner will be in charge of the real progress of the different tasks included in the work package. He will also be responsible for the deliverables and will ensure that partners have produced it with the appropriate quality, on time and on a budget.

A Consortium Agreement will be made at the beginning of the project. This document will set up the rules and duties of partners and will plan applicable procedures in case of difficulties faced during the project.

Qualitative and quantitative indicators to monitor the quality and achievements of the project activities will be the following and more precise indicators will be added during project implementation (in WP6). They will all be followed and reported through WP8.

	Qualitative	Quantitative
T1.1	Relevance of best practices Relevance of past project outputs	Number of best practices, policies, Number of previous projects
T1.2	Full set of information available for VET providers	Number of VET providers listed

T1.3	Focus group guideline validated by QC Useability of focus group outputs	Number of attendant per focus group Number of questions answered in focus groups
T1.4	Questionnaire validated by QC Survey filled in entirely	Number of survey filled in
T1.5	Exhaustivity of scenarios Scenarios validated by industries	Number of scenarios Number of skill needs identified
T2.1	Profile transferability Category of profiles Sector of profiles	Number of skill gaps identified Number of occupational profile
T2.2	Relevance of prioritisation criteria	Number of profile prioritised
T2.3	Clarity of the strategy Geographical coverage of the strategy Relevance of the strategy Exhaustivity of the strategy (covering all target groups)	Number of skills addressed Number of key competences addressed Number of job description addressed
T2.4	Definition of actions for promotion of agriculture studies Clearly defined roadmaps	Number of national roadmaps created Number of objectives reached
T2.5	EQAVET compliance	Number of course accredited Number of ESCO compliant profiles
T3.1	Quality of criteria chosen for validation	Number of methodology compared
T3.2	Transferability of the curricula Curricula validated by all stakeholders	Number of curricula created Number of specialisation tackled Number of job profiles answered by curricula
T3.3	Transferability of apprenticeship scheme	Number of host found Number of apprentice registered Number of apprenticeship scheme developed
T3.4	Quality of the content Translation quality of the content Reviewers and pilot feedback	Number of modules developed
T3.5	Quality of the content Reviewers and pilot feedback	
T4.1	Feedback from the trainers	Number of participant
T4.2	Feedbacks from the trainees	Number of training performed Number of trainee
T4.3	User experience Exhaustivity of information available	Number of VET displayed Number of curricula available Number of visitors
T4.5	Quality of the translation	Number of deliverables translated
T5.1	Useability of the SWOT analysis	Number of frameworks studied
T5.2	Useability of the funding opportunities	Number of funding opportunities
T5.4		Number of MoU signed Number of stakeholders involved

T7.1	Relevance of target identification	
T7.2	Reaction to social post Outputs from the final conference	Number of visitors on the website Number of events attended Number of social post Number of newsletter Number of press release

Overall, the progress and the achievements of the project results can be tracked by monitoring that the project deliverables are produced on time and according to the project proposal objectives and in respect to the Quality control checks and the validation of the different milestones of the project.

The results of the quality assessment will be combined in D6.3. Internal quality assessment in M48 and in the D6.4. EE quality assessment in M32 & M48.

II.4. Recognition and validation

Lot 1, 2, 3: Please describe the measures adopted for recognition of new curricula and qualifications. Please explain the approaches that will be used for the validation and recognition of learning outcomes, in line with the European transparency and recognition tools and principles (Recommended limit: 3 000 characters).

The training developed within the project will be corresponding with the reference model proposed by the EQAVET guaranteeing a comprehensive quality assurance to learning.

The model is based on a cycle for the guarantee and continuous improvement of quality articulated in four phases: design, development, evaluation and review. In the project, we follow this plan that has been proposed by common European References in a toolkit cycle: plan (WP3), implementation (WP4), evaluation and assessment (WP4, WP6) and review cycles (WP2, WP4) are provided by different WPs.

Flipped classroom methodology, used in the FIELDS project for making the training content, follows the reverse design principle. First learning objective are set up, then the assessment to ensure the learner reach the objective, and finally content for online, in class and work based learning periods. These ensure a clear contract between the learner and trainer. This is perfectly in line with the EQAVET guidelines.

For the training, EQAVET indicators that fits the purpose of the FIELDS training will be monitored. For quality assurance of the delivery training content we adopt some of these indicators:

1) Indicator n.3. Participation rate in VET programs. The content for Initial Vocational Training (IVT) will be of four modules of 2 weeks each. This is more than the minimum to count a learner as a participant. Also, information on gender, age, unemployment, highest educational achievement will be monitored during registration of people (WP4, WP6).

2) Indicator n. 4. Completion rate in VET programs. The innovative learning methodology will engage learners and will allow continuously to monitor their work and take a corrective action when needed. (WP4, WP6).

3) Indicator n. 5. Placement rate in VET program. After 6 months after completion of the training, the IVT will be asked with a survey about their current employment. (WP6). This applies to Initial Vocation Training.

4) Indicator n. 6. The information about satisfaction rates of individuals and employers with the acquired skills and competences (WP6). This apply more to lifelong learning trainees and trainers as well.

5) Indicator n. 9. The training content needs will be assessed in WP1 through different channels and a report will be made and use in training content design in WP2, WP3. In addition, an early involvement of the stakeholders will ensure the training will cover the gaps identified in the knowledge of day by day activities of RES in agriculture.

The approach for validation and recognition of the learning outcomes will consider the above indicators. HEI and training centres will incorporate the training in their offer and will provide assessment of these indicators, with a number of credits following the ECVET system

Within the project, the EQAVET accreditation procedures will be evaluated by INFOR, AERES in order to make all needed activities to achieve the ECVET accreditation.

The curricula will be created to allow a future ECVET certification and check against the EQAVET process. The will be made available on the platform for future use by all VET providers or HEI.

II.5. Budget and cost effectiveness

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Lot 1, 2, 3: Please describe the measures adopted to ensure that the proposed results and objectives will be achieved in the most economical way and on time. Explain the principles of budget allocation between the partners. Indicate the arrangements adopted for financial management (Recommended limit: 3 000 characters).

The project's budget was calculated to reach the optimal cost for the activities. The utmost efforts were put to reach the shortest amount of time spent on the tasks planned within the Work Programme while providing the quality needed. Discussions on the budget followed the principle of best value for money. Tasks were attributed with regards to partners' skills.

A detailed budget has been agreed on during the project preparation, by detailing every personnel effort task by task. A detailed budget has been built, detailing the involvement of each partner per task. This constitutes a strong base that partners will have to respect. Every task is planned in the Work Programme so the budget can be calculated in accordance with the role of each partner. In addition, WP's information on the tasks schedule will provide information on tasks' duration; it will be the other document providing support for achieving tasks' objectives on time.

UNITO will be responsible for the allocation of the budget while respecting the agreement reached by the Consortium. Specific provisions on the budget management will be implemented in the Consortium Agreement. The Consortium Agreement will set up rules and duties of partners, including those related to the financial management. This binding document will ensure that partners follow the rules regarding financial management. Any issue regarding the budget will lead to reporting the problem which will be tackled by the High Steering Committee.

To ensure the administrative and financial management, partners will report on their potential difficulties or express their potential concerns on the project for the risk assessment. Partners will be asked to provide a financial cumulative report of the hours spent every six months, presenting their costs per WP so that UNITO will be able to monitor their expenses. A specific section of the intranet will be devoted to uploading data for each partner. It will contain deadlines and activities that should be terminated according to the GANTT chart.

Exceptional reports on financial issues can be drafted and sent to another partner in case of unexpected event jeopardising the proper functioning of the project. In the wake of the reception of a problematic report, the High Steering Committee will discuss the issue and will state a solution as fast as possible.

UNITO being the coordinator has the final word in case no agreement is possible within the High Steering Committee about a budgetary issue. The validation of the AECEA will also be asked in case consequent change are needed.

Part III. Quality of the project team and the cooperation arrangements

Please note that this part includes questions for the three Lots. All specific questions are marked with the Lot number(s) they address. Please include information about all participating organisations including affiliated entities, if any.

III.1. Composition of the consortium

Lot 3: the Sector Skills Alliance must cover at least 8 Programme Countries and include at least 12 full partners, out of which at least 5 are companies, industry or sector representatives (e.g. chambers, trade unions or trade associations), and at least 5 are education and training providers. In addition, the consortium may include affiliated entities (legal entities having a legal or capital link with members of the consortium, which is neither limited to the action nor established for the sole purpose of its implementation).



The consortium is composed by 30 partners, of which 16 are company and agriculture, forestry and food sector representatives, 13 are education and training providers, 1 is a public research centre. Additionally, we have 2 associated partners.

As a whole, 12 countries are represented in the consortium.

Partner No (Please use the same numbering as in the application eForm; please note that the Applicant should be P1)	Role APP – Applicant organisation P – Partner AE – Affiliated entity	Name of the organisation	Country	Company, industry or sector representative	Education and training provider	Other (please specify)
P1	APP	UNITO	Italy		X	
P2	P	CONFAGRICOLTURA	Italy	X		
P3	P	WUR	Netherlands		X	
P4	P	ISEKI	Austria		X	
P5	P	ICOS	Ireland	X		
P6	P	AERES	Netherlands		X	
P7	P	AP	Austria		X	
P8	P	UHOH	Germany		X	
P9	P	CERTH	Greece			research
P10	P	ACTIA	France	X		
P11	P	GAIA	Greece	X		
P12	P	Confagri PT	Portugal	X		
P13	P	SCOOP	Spain	X		
P14	P	GZS	Slovenia	X		
P15	P	LVA	Austria	X		
P16	P	UCLM	Spain		X	
P17	P	AC3A	France		X	
P18	P	FIAB	Spain	X		
P19	P	FDE	Belgium	X		
P20	P	FENACORE	Spain	X		
P21	P	INFOR	Italy		X	
P22	P	SEVT	Greece	X		

P23	P	LLL-P	Belgium		X	
P24	P	ANIA	France	X		
P25	P	Plant ETP	Belgium	X		
P26	P	EFB	Greece	X		
P27	P	PA	Finland		X	
P28	P	FJ-BLT	Austria		X	
P29	P	EFVET	Belgium		X	
P30	P	CEPI	Belgium	X		

Lot 1, 2, 3: Associated partners (if applicable)

Sector Skills Alliances can involve associated partners who contribute to the activities implemented. They are not subject to contractual requirements because they do not receive funding. However, their involvement and role in the project and different work packages have to be clearly described.

Does your consortium include any associated partners (please choose YES or NO)?

YES

If yes, please list them below.

	Partner organisation	Country	Type of organisation
1	EFFAT	Belgium	Trade Union
2	BIC	Belgium	EU-wide network

III.1.1 Rationale for setting-up the partnership

Please explain why the partners are best suited to participate in this European project and how they represent education/VET and the economic sector. Describe skills, expertise and competences within the partnership directly relating to the planned project activities and distribution of responsibilities in the project (Recommended limit: 3 000 characters).

The partner have been carefully selected in order to cover all sectors, competences and coverage needed to reach the project's objectives, related to provide strategy and actions to improve sustainability, bio-economy, digitalisation and soft skills, for agriculture, forestry and bio-economy sector. The consortium is composed of 30 high profiles full partners and 2 associated partners. A part of the consortium is focused on education and training (training pilot will take place in 7 countries) while the other part is focused on the representativeness of the sector.

CONFAGRI, SCOOP, CONFAGRI pt, GSZ, ICOS, AC3A, CEPI, GAIA, FENACORE represents agriculture and forestry sector, AERES, INFOR, WUR, UNITO, UHOH, UCLM, PA, AP, FJ-BLT, LVA, EFB are offering training and services to farmers and foresters. Two of them (UHOH and UNITO) are involved in the Kic EIT FOOD.

FIAB, ANIA, ACTIA, SEVT will help to involve also food industry in the design of the strategy and training, to make agriculture more aware of what is the demand and opportunities for sustainability, digitalisation and bio-economy from this sector.

Some of these partners (FDE, CEPI, BIC, ISEKI, EFFAT, LLL-P, EfVET, PlantETP) are umbrella organisation at EU level, to provide an outlook at european strategy for agriculture, forestry and agri-food industry, and link to the educational tools and standards provided by the EU.

Two of the 5 core WPs (strategy design at both EU and country level and sustainable action plan) are led by Agricultural sector representatives, while the other three (skills needs, tools and training, pilot implementation) are led by HEI and VET providers.

The table below shows the repartition of expertise within the consortium. The proposal is built in a way that many partners will contribute even with a minor role to a task, to keep sense of ownership among partners, and to keep always involved and up to date the partners, especially the sector representatives. Engagement of these parties is essential for the long term sustainability of the project.

	Identification of Skills needs	Strategy formulation				Training methodology	Curriculum definition, Training content and pilot				Pilot implementation and roll-up strategy	Awareness raising and communication	Quality assessment and ECVET, EQAVET Certification
		Agricultural sustainability, management of natural resources and climate action	Digital technologies, digitalization, big data and artificial intelligence	bioeconomy, circular economy and bio-based products	Soft skills, entrepreneurship		Agricultural sustainability, management of natural resources and climate action	Digital technologies, digitalization, big data and artificial intelligence	bioeconomy, circular economy and bio-based products	Soft skills, entrepreneurship			
UNITO	X	X			X	X	X			X	X	X	X
CONFAGRI	X	X									X	X	
WUR	X		X	X				X	X		X	X	
ISEKI	X	X	X	X	X	X	X	X	X	X	X	X	
ICOS	X	X	X	X	X	X	X	X	X	X	X	X	
AERES	X	X		X			X		X		X	X	X
AP	X	X				X					X	X	X
UHOH	X		X	X		X		X	X		X	X	
CERTH	X	X					X					X	
ACTIA	X	X		X			X		X		X	X	
GAIA	X	X					X				X	X	
Confagri PT	X	X					X				X	X	
SCOOP	X	X					X				X	X	
GZS	X	X			X		X			X		X	
LVA	X	X					X				X	X	
UCLM	X	X				X	X				X	X	
AC3A	X	X			X	X				X	X	X	
FIAB	X		X	X				X	X			X	
FDE	X			X					X			X	
FENACORE	X	X		X					X		X	X	
INFORELEA	X	X			X	X				X	X	X	X
SEVT	X			X					X			X	
LLL-P	X	X			X	X				X	X	X	X
ANIA	X			X					X			X	
Plant ETP	X	X		X					X			X	
EFB	X	X	X					X				X	
ProAgria	X		X	X		X		X	X		X	X	
JOSEPHINUM	X		X	X		X		X	X		X	X	X
EFVET	X				X	X				X	X	X	X
CEPI	X	X		X					X		X	X	

III.2. Description of the partners

Partner number – P1

Affiliated entity YES NO

Organisation name	University of Turin (UNITO)
Country	Italy

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

UNITO, DISAFA Department offers the Agricultural sciences, Forestry Science and Food Technology both at bachelor and Master Degree. Is ranked by the Ministry of Research and Education #1 department of excellence in Italy. About 2000 students are enrolled in curricula related to the agricultural sector offered within the department. Many researches have been carried out in the field of sustainability, reuse of agri-food and agricultural by-products with a bio-economy approach. DISAFA lead 2 horizon projects, TOMRES and EMPHASIS, and is partner/coordinator of some Erasmus+ proposals.

DISAFA has an active collaboration with the University of Florida, USA, for what concern innovative learning methods. These skills will be shared with other partners and the trainers to implement the innovative training.

DISAFA works a lot on sustainability, bioeconomy and digitalisation, and has also project on soft skills and lead the EIT FOOD summer school on business models for innovative food product.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

The University of Turin (UNITO) is a public higher education institution that offers advanced degrees, according to the Bologna Process, as well as official postgraduate programs that are subject to demanding educational quality control systems.

UNITO offers 131 curricula and enrolls 67000 students, of which 1900 are in the agriculture and food technology area. It is the sixth biggest university in Italy. 3600 teaching and research staff, and 1900 administrative and services staff are actually enrolled in the University.

Overall, 9% of the students are foreign students. Indeed, UNITO is involved in various international networks, also in the context of European programs such as the Framework Programs for Research, the Lifelong Learning Program, the Tempus Programme. It maintains roughly 880 bilateral agreements with partner universities under the LLP Erasmus program and 500 formal agreements with foreign universities outside Erasmus.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

UNITO is the Coordinator of the project. It will contribute to the operational and financial management of the project mainly working on WP 1, WP 2, WP 3 where it is the WP Leader, WP 4, and WP8 where as coordinator it is WP leader. UNITO will be the task leader of T1.1 - State of the Art, T3.1 - Methodology definition, T4.3 - Map creation, update and use, T8.1 - Decision making and internal communication, T8.2 - Administrative and financial management, and T 8.3 - Progress monitoring and risk management.

Contribution on work packages:

- 1 - Skills needs identification: 165 Days
- 2 - Priorities and strategy design: 103 Days
- 3 - New tools and training design: 278 Days (WP Leader)
- 4 - Implementation and pilots: 198 Days
- 5 - Sustainable action plan: 75 Days
- 6 - Quality assessment: 77 Days
- 7 - Engagement and dissemination: 80 Days
- 8 - Project management: 498 Days (WP Leader)

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

***NB:** Please note that the first key staff to be listed under **PI** should be the Project coordinator (also called 'Project manager' and 'Contact person' in section A.2 of the eForm). The coordinator will have the responsibility to ensure that the project is implemented in accordance with the selected application. Its coordination will include the following duties:*

- Be the single point of contact of the Agency for all communications on the project;

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- Coordinate the work of the consortium in line with the workplan;
- Monitor that the action is implemented in accordance with the EU grant agreement.

This person must have all the necessary professional experience and competencies to carry out the coordination of the project. Please provide detailed information.

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Patrizia Busato	<p>Patrizia Busato is professor at the University of Turin, has a MS in Forestry and holds a PhD in logistics. She had 15 years working experience and taught master class AGR0289-Agrifood chain logistics within DISAFA Department, UNITO, and collaborate to the EIT FOOD summer school on entrepreneurship of innovative food products with the design of the businesstool.eu to provide business model dedicated to food innovation.</p> <p>She has regional research project on corn stover collection for reuse of this by-product in the bio-refinery and for non food applications, collaborate to design and implement web based tools and mobile apps for knowledge transfer in the field of logistics and field operation (apis-app.eu), bio-economy (business plan of biogas plans within IEE project BIOENERGY FARM) and sustainability (onbiosost.eu, that consider CO2 balance, bioresource4energy.eu, that consider energy balance).</p> <p>She is author of more than 150 papers and communications to international conferences, and has an h-index of 12.</p> <p>She learned innovative pedagogy methods at the University of Florida, the direction of Prof. Zazueta, a leader in the field of e-learning in the US. She attended to a certified classroom to learn how to make the flipped classroom, and she design the flipped classroom format for DISAFA classes and for the following Erasmus+ projects: ESCAPE, FOOD4GROWTH, PLANET, EPEP. For this active participation in seminars on the innovative e-learning methods at international level,, she was awarded with the prestigious “2017 Education Aids Blue Ribbon Award” of ASABE – American Association of Agricultural and Biological Engineers. For her research in ICT for agriculture, she was elected as world chair of Information and Communication Technologies in Agriculture of the International Association of Agricultural Engineers, for years 2019-2022.</p> <p>She lead in the DISAFA dept. the research group “knowledge transfer and innovative education methods” that is composed by 5 professors.</p> <p>She is certified for project management, manage ESCAPE project and collaborate to the management of the other Erasmus+ projects within the department.</p> <p>She will be the project coordinator of the FIELDS proposal, and will provide skill and competence in the field of digitalisation and sustainability.</p> <p>Busato, P., Sopegno, A., Pampuro, N., Sartori, L. and Berruto, R., 2019. Optimization tool for logistics operations in silage production. <i>Biosystems Engineering</i>, 180, pp. 146–160.</p> <p>Rodias, E.C., Sopegno, A., Berruto, R., Bochtis, D.D., Cavallo, E. and Busato, P., 2019. A combined simulation and linear programming method for scheduling organic fertiliser application. <i>Biosystems Engineering</i>, 178, pp.233–243.</p> <p>Pampuro, N., Busato, P. and Cavallo, E., 2018. Gaseous emissions after soil application of pellet made from composted pig slurry solid fraction: Effect of application method and pellet diameter. <i>Agriculture (Switzerland)</i>, 8(8).</p> <p>Rodias, E., Berruto, R., Bochtis, D., Busato, P. and Sopegno, A., 2017. A computational tool for comparative energy cost analysis of multiple-crop production systems. <i>Energies</i>, 10(7).</p> <p>Rodias, E., Berruto, R., Busato, P., Bochtis, D., Sørensen, C.G. and Zhou, K., 2017. Energy savings from optimised in-field route planning for agricultural machinery. <i>Sustainability (Switzerland)</i>, 9(11).</p> <p>Busato, P., Sopegno, A., Berruto, R., Bochtis, D. and Calvo, A., 2017. A web-based tool for energy balance estimation in multiple-crops production systems. <i>Sustainability (Switzerland)</i>, 9(5).</p>

	<p>Busato, P.; Berruto, R.; Zazueta, F. S.; Silva-Lugo, J. Student Performance in Conventional and Flipped Classroom Learning Environments. <i>Appl. Eng. Agric.</i> 2016, 32, 509–518.</p> <p>Busato, P.; Sopegno, A.; Berruto, R.; Cornelissen, R. An on-line advisor for sizing and economic analysis of anaerobic digestion plants. <i>Agric. Eng. Int. CIGR J.</i> 2014, 16, 319–327.</p>
Remigio Berruto	<p>Prof. Berruto has a PhD from Purdue University, USA. He is an associate professor. He has 25 years of experience in teaching classes related to logistics of biomass, renewable energies for Agriculture and teaches also information technology for undergraduate and graduate students.</p> <p>He coordinated national projects on biofuel production and followed a course on project management with the Prince2 methodology. For this project, he will collaborate on the activities of UNITO. He led for UNITO the IEE projects Biogas3, BioenergyFarm I and II, providing a tool to make business plans for the biogas use in agriculture. The tool allows to easily produce a business plan for a farmer who wants to implement a biogas plant at his farm. About 800 business plans for biogas were made in Europe under his coordination.</p> <p>He also worked to set up a tool to assess renewable energies use and production in alpine pasture sites. The Alpiwatt tool is used since many years.</p> <p>He made together with prof. Busato the flipped class of Agrifood logistics for UNITO and for the University of Florida. He manages for UNITO the Erasmus+ FOODLAB and FOOD4GROWTH project, related respectively to food entrepreneurship and food innovation communication. He coordinated the SSA PLANET - Plan for agriculture renewable energy training.</p> <p>He will collaborate to all tasks of the project.</p>
Alessandro Sopegno	<p>Dr Sopegno is a researcher at the University of Turin. He currently owns a post-doc position, and he is expert in making mobile apps and ICT related issues for agriculture and renewable energies in the agricultural sector.</p> <p>He collaborates to IEE project Biogas3, Bioenergy Farm I and II. He followed the setup of a tool to make business plans for the biogas use in agriculture.</p> <p>He maintains two learning management systems for classes taught in Flipped format at the University of Turin. He currently set-up and maintains Drupal content management systems for FOODLAB, FOOD4GROWTH and PLANET Erasmus+ projects.</p> <p>He will work mainly to maintain the training platform and provide the training content on digitalisation and sustainability, the content management system and the blogs.</p>
Angela Calvo	<p>Prof. Calvo hold a Master in mathematics. She is a professor. She teaches classes at both graduate and undergraduate levels for 25 years. She collaborates to IEE project Biogas3, Bioenergy Farm I and II. She followed the setup of a tool to make business plans for the biogas use in agriculture and help farmers in making 150 business plans within Italy.</p> <p>She will act as a senior teacher for the project. Its expertise is related to training students on forestry issues, also considering to the use of renewable energies. This expertise will be useful for the forestry topics.</p>
Enrico Borgogno	<p>Prof. Borgogno has a master in civil engineering, and teach classes about remote sensing and use of big data. He had been specifically involved for providing content and strategy related to the digitalisation area of the project.</p>
Valter Boero	<p>Prof. Boero hold a Master in chemical sciences. He is an associate professor. He will act as a senior teacher for the project. Its expertise is related to the soft skill to help students to find an employment. He collaborates to IEE project Biogas3, Bioenergy Farm I and II. He teaches classes at both graduate and undergraduate levels for 25 years, and he has broad experience in teaching undergraduate students. He started to use the flipped classroom model to enhance learning outcomes at bachelor level.</p> <p>He followed the strategy formulation and the dissemination of these projects.</p>

Please add lines as necessary

Partner number – P2

Affiliated entity YES NO

Organisation name	Confagricoltura (CONFAGRICOLTURA)
Country	Italy

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

CONFAGRICOLTURA is the most important collective organization of Farmers in Italy (a private confederation of associations of farmers with 41 million euro total turnover), representing 60% of the Country' territory, 70% of the Agrifood turnover, and 34 % of the Italian farmers.

Confagricoltura has 140 offices all over the Italian Regions, more than 1600 employees, giving assistance to the thousands of associates (186.000) and representing the legitimate interest of the farmers versus the european and national Institutions and governmental and public Authorities.

Confagricoltura has a Young Entrepreneur Organization ANGA, an internal audit – REV -, a training agency - ENAPRA -, an editorial agency – SEPE – and a service center – CAAF.

Confagricoltura is a full member of COPA COGECA and CEJA in Bruxelles, of Farm Europe in Paris, and of the National Food Technology Platforms Food For Life, coordinated in Rome.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

Confagricoltura is a private non profit Confederation of Farmers, centre of excellence for the agri - food industry in Italy, founded as independent association in 1895 (Farmers ' Society) with the aim to fulfil a broad range of tasks, starting to be the Representative Body of the Farmers in Italy.

Also Fiscal, Training, Legal and Lobbying Services have been added to Confagricoltura day by day activities, comprised coaching and consultancy, authoritative partnerships in technology transfer, European research programs and mediating co-operations of farming, industry and academia are innovative goals of the Confederation of Farmers, together with the sister Copa – Cogeca in Bruxelles.

The high quality of provided services and the competences and expertise built in Confagricoltura make it a strong player in the Italian setting of Agri – Food Policies and Services.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

Confagricoltura – the Confederation of Farmers - will define with the help of the internal bodies expertise ENAPRA , the Training, Communication, Dissemination and Knowledge Transfer strategy, and will implement it in their respective work packages, in particular WP1, WP 2 and WP 7. Confagricoltura has information and communication and training and dissemination skills through different tools targeted to audiences: stakeholders, farmers, public authorities (national, regional and local), scientists, media, social networks etc.

Confagricoltura will also organize training sessions and flipped classroom with inhouse ENAPRA Agency, to train the trainees giving concrete support to upgrade and utilize the new knowledge developed by the Project FIELDS

Confagricoltura will be the task leader of T4.4 - Translation and T2.4 - Roadmap formulation and refining.

Contribution on work packages:
WP 1 - Skills needs identification: 85 Days

Addressing the current and Future skIlI needs for sustainabilty, digitalization, and the bio-Economy in AgricuLture: European skills

agenDa and Strategy

/ FIELDS

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WP 2 - Priorities and strategy design: 441 Days (WP Leader)
 WP 3 - New tools and training design: 66 Days
 WP 4 - Implementation and pilots: 163 Days
 WP 5 - Sustainable action plan: 180 Days
 WP 6 - Quality assessment: 35 Days
 WP 7 - Engagement and dissemination: 105 Days
 WP 8 - Project management: 80 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Dr. Daniel Rossi (M)	<p>Born in Luxembourg 1959 Delegate R&I CONFAGRICOLTURA Chairman Research & Innovation WP RES of COPA COGECA Bruxelles Chairman EU National food technology Platforms Food For Life Past President Cluster Agrifood Graduated cum laude in Statistics and in Economics Fulbright Beca Winner PhD UCLA Statistics .- los Angeles, U.S.A. Past Director General Italian Food And Drink Industry Federation Federalimentare - Confindustria Past Chairman Research Expert Group Food Drink Europe - Bruxelles Coordinator and partner of more than 40 EU Research and Innovation Projects under FP6, FP7, and Horizon 2020 and Erasmus+ and Life and Interreg. Member of High Level Committees and Boards on Agrifood matters at EU, National and Regional level EU Evaluators EASME Fast Track SMEs)</p>
Elisa Tomassi (F)	<p>Born in ROMA 1984 Graduated on Economics and Political Sciences Senior expert of Training and Dissemination Activities in ENAPRA Project Coordinator of SAGRI Erasmus +</p>
Tiziana Corvino (F)	<p>Born in Cuneo 1957 V. Director Dep. Administration Administration of EU and National Projects Confagricoltura Management and administrative skills dealing with large European and Italian projects Senior expert on legal and fiscal issues</p>
Donato Rotundo (M)	<p>Born in FOGGIA 1958 Graduated in Agronomy Director Department Environment and Innovation Confagricoltura Senior expert on sustainability, climate change, Agrifood impacts and CSR companies Deep skills on circular economy, renewable energies, biocides and pesticides impact and regulations</p>

Please add lines as necessary

Partner number – P3

Affiliated entity YES NO

Organisation name	Wageningen University (WUR)
Country	The Netherlands

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

Wageningen University and Research is an internationally renowned knowledge centre in the domains of agricultural, pastoral and water science. Amongst others, food production, processing and distribution, and sustainability are important pillars of educational- and research programs. Predominantly a technical university, there is a substantive Social Science group as well. The multi-disciplinary combination of natural sciences and social sciences enhances interdisciplinary and cutting edge research and education into the interaction between techniques and humans (individual, organizational (governments, NGO's, companies, supply chains) in the fields of food safety and quality and implementation.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

Wageningen university is a knowledge centre providing educational solutions in different (multi)disciplinary fields and in different agri- and food sectors.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

WUR will contribute to the operational and financial management of the project mainly working on WP1 and WP2. It will work on the design of the survey, in the analysis and interpretation of the data and with the scenarios analysis. It will be also involved in the analysis of skills gaps, in the European strategy formulation, and roadmap. In the others WP it will be involved to continuously reflect on earlier research findings and iteratively refine the European strategy formulation (from task 2.3). WUR will be the task leader of T1.5 - Future trends analysis and T2.3 - European Strategy formulation.

Contribution on work packages:

WP 1 - Skills needs identification: 100 Days

WP 2 - Priorities and strategy design: 140 Days

WP 4 - Implementation and pilots: 40 Days

WP 5 - Sustainable action plan: 53 Days

WP 7 - Engagement and dissemination: 10 Days

WP 8 - Project management: 75 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Prof. dr. J.H. Trienekens	<p>Jacques Trienekens is professor at the Business Management and Organisation group of Wageningen University. His research interests include (international) food chain and network management and food chain innovation. He has wide project experience in national and international research projects, both as researcher and as manager. Wide experience in research design and analysis.</p> <p>Gaitán-Cremaschi, D., Klerkx, L., Duncan, J., Trienekens, J.H., Huenchuleo, C., Dogliotti, S., Contesse, M.E., Rossing, W.A.H.. (2018) Characterizing diversity of food systems and assessing scenarios on potential future transition pathways. <i>Agronomy for Sustainable Development</i>, 39 (1),</p> <p>Merwe, M. van der, Kirsten, J.F., Trienekens, J.H. (2018). The Karoo Meat of Origin certification scheme: a silver bullet? <i>International Food and Agribusiness Management Review</i>, 21 (5), 655-668</p> <p>Martins, F.M., Trienekens, J., Omta, S.W.F. (2017). Governance structures and coordination mechanisms in the Brazilian pork chain – Diversity of arrangements to support the supply of piglets. <i>International Food and Agribusiness Management Review</i>, 20 (4), 511-532</p> <p>Kemp, R., Nijhoff-Savvaki, R., Ruitenburch, R., Trienekens, J.H., Omta, S.W.F., 2014. Sustainability related innovation adoption: the case of the Dutch pig farmer. <i>Journal on Chain and Network Science</i>, 14 (1): 69-78.</p> <p>Visser, J., Trienekens, J.H., Beek van P., 2013. Opportunities for Local for Local Food Production. A Case in the Dutch Fruit and Vegetables. <i>International Journal for Food System Dynamics</i>, 4 (1): 73-87</p>
Dr JLF Hagelaar	<p>Associate Professor Strategic Management Department of Social Sciences, Business Management & Organization.</p> <p>The last 10 years he specializes in food quality management. His research coincides with the educational activities so he published in a wide range of journals such as <i>Industrial Marketing Management</i>, <i>International Journal of Supply Chain Management</i>, <i>Food Control</i>, <i>International Food and Agribusiness Management Review</i>, <i>Food Policy</i>, <i>Greener Management International</i>, <i>Information Technology Development</i>, <i>OR Spectrum</i>, <i>The European Journal of Development Research</i>.</p> <p>Werff, Suzanne van der; Trienekens, Jacques ; Hagelaar, Geoffrey ; Pascucci, Stefano (2018). Patterns in sustainable relationships between buyers and suppliers : Evidence from the food and beverage industry. <i>International Food and Agribusiness Management Review</i> 21 (8). - p. 1023 - 1043.</p> <p>Arinloye, D.D.A.A. ; Pascucci, S. ; Linnemann, A.R. ; Coulibaly, O. ; Hagelaar, J.L.F. ; Omta, S.W.F. (2015). Marketing Channel Selection by Smallholder Farmers. <i>Journal of Food Products Marketing</i> 21 (4). - p. 337 - 357.</p>
Dr E Wubben	<p>Associate Professor Strategic Management Department of Social Sciences, Business Management & Organization.</p> <p>Wide experience in strategizing (business) transitions towards a more sustainable biobased and circular economy, intrigued by the trade-offs between the visible hand of management and authorities, vs the invisible hand of market, (trade) system, and grassroots initiative. This interest has materialized in research on ,e.g., synergy parks, eco-industrial parcs, innovation mngt, urban agriculture, vertical farming collective action, and biomaterials. Domain specialization is on agrifood clusters and biobased & circular business, with some focus on horticulture and biorefineries respectively. active in H2020 ERA-NET Edicitnet, esp designing business models for edible cities solutions.</p> <p>Wubben, Emiel F. M., Simon Düsseldorf, and Maarten H. Batterink (2012). Finding uncontested markets for European Fruit and Vegetables through applying the Blue Ocean Strategy, <i>British Food Journal</i></p>

	Nuhoff-Isakhanyan G, Wubben E, Omta O, and Pascucci S (2016). Network structure in sustainable agro-industrial parks, Journal of Cleaner Production.
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Partner number – P4

Affiliated entity YES NO

Organisation name	ISEKI-Food Association (ISEKI)
Country	Austria

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>ISEKI is an independent non-profit organisation in the food sector, established in 2005 and mainly focused on education and training. IFA has consultative status with UNIDO since 2010. Its members are University institutions, research institutes, companies and associations related to food from 59 countries world wide, covering a widerange of expertise in food relevant topics to carry out training in different languages. IFA is developing and carrying out activities connected to food such as:</p> <ul style="list-style-type: none"> • working towards the quality assurance of food studies • tuning and accrediting curricula and certifying training activities on an international level • developing teaching materials and implementing innovative teaching methods and formats • promoting synergies between research, education/teaching, industry and authorities • establishment of a framework of agreements among partners, fostering the mobility of students and staff, stimulating the development of projects and cooperation in the implementation of quality criteria in the food chain
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Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

<p>ISEKI is a private, non-profit association, focused on education and training in the food sector. IFA maintains databases on curricula, teaching materials, experts, mobility and equipment and platforms for e-learning, continuous professional development, traditional food and cooperation food business and academia. IFA develops training material and organizes workshops, webinars and online courses for the food sector at any level for different target groups, from teachers of schools, universities, students to food professionals. Special emphasis is always given on the implementation of Innovative teaching methods and formats, based on active learning. ISEKI has developed minimum requirements and schemes for sector specific and international accreditation of food study programmes and short courses. ISEKI is member of EASPA (European Association of Specialized and Professional Accreditors) and offers sector specific accreditation and certification services for Food Study programmes, short courses and professionals on an international level in cooperation with ASIIN, a registered accreditation agency operating worldwide.</p>

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

ISEKI will contribute to the operational and financial management of the project mainly working on WP 1 where it is the WP Leader, WP 2, and WP 5. It will be the task leader of T5.4 - Stakeholders future engagement and T1.3 - Country and EU focus groups.

Contribution on work packages:

WP 1 - Skills needs identification: 240 Days (WP Leader)

WP 2 - Priorities and strategy design: 85 Days

WP 3 - New tools and training design: 40 Days

WP 4 - Implementation and pilots: 58 Days

WP 5 - Sustainable action plan: 105 Days

WP 6 - Quality assessment: 45 Days

WP 7 - Engagement and dissemination: 27 Days

WP 8 - Project management: 80 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Gerhard Schleining	<p>Dr. Gerhard Schleining is senior research scientist in food quality management and food physics at the University of Natural Resources and Life Sciences, Vienna (BOKU). His current research and teaching areas are food physics with special focus on rheology and food texture, quality and safety of food, with special focus on quality management systems, hygienic design, chemometrics and computer applications. He is coordinating an International Master Programme “Safety in the food chain” (https://www.safetyinthefoodchain.com) and he has experiences in e-training through several EU-funded projects where he chaired working groups related to innovative teaching materials and methods, organizing several e-learning courses like “train the trainer”, a series of webinars (https://www.iseki-food.net/webinars/past) and establishing several interactive web platforms and databases.. He is Secretary General of the ISEKI-Food Association since 2005 and chairing the team for training and education and a Special Interest Group on food structure. He was coordinating an ERASMUS+ knowledge alliance project between the food industry and universities in Europe (Food-STA, https://www.food-sta.eu) and an ERASMUS+ capacity building project to establish an academy for continuing education in the beverage sector in Thailand (SEA-ABT, https://www.sea-abt.eu) and is workpackage leader in another ERASMUS+ capacity building project ASIFOOD on food quality and safety in Vietnam, Thailand and Cambodia.</p> <p>CV and professional profile at: https://forschung.boku.ac.at/fis/suchen.person_uebersicht?sprache_in=de&menue_id_in=101&id_in=227</p>
Katherine Flynn	<p>Katherine Flynn has a doctorate in biology from the City University of New York. She is Associate Professor at the Pace University in New York and part time employed for IFA as project manager. She was and is involved in several projects like TRACK_FAST (https://www.trackfast.eu), NEXTFOOD (https://www.nextfood-project.eu), SMARTCHAIN, FOOD-AWARE and SDGsLab.</p>
Line Lindner	<p>Dr. Line Lindner is project manager and research fellow and part time employed at IFA and the University of Natural Resources and Life Sciences Vienna (BOKU) with more than 10 years experience working for several European projects such as NEXTFOOD (https://www.nextfood-project.eu), ASKFood (https://www.askfood.eu), EuFood-STA (https://www.food-sta.eu), SEA-ABT (https://www.sea-abt.eu), ASIFOOD (http://www.asifood.org), Connect4Action, PlantLibra, HEALTHGRAIN (https://www.healthgrain.org) and MONIQA (https://www.moniqa.eu/)</p>

Foteini Chrysanthopoulou	Foteini Chrysanthopoulou is a food engineer with theoretical and technical background in Food Technology and Food Safety. She has international academic and work experience in four EU countries (Greece, Austria, the Netherlands, Belgium). She has been involved in several projects on Food Quality and Hygiene and is skilled in microbial fingerprinting of food-borne pathogens and spoilage microorganisms. She is full time employed by IFA, working as project manager for several projects like SEA-ABT (https://www.sea-abt.eu/), POSTHARVEST (http://www.postharvestproject.com), NEXTFOOD (https://www.nextfood-project.eu), SMARTCHAIN, FOOD-AWARE and SDGsLab.
Gunter Greil	Gunter Greil is web programmer and is part time employed at IFA. He has also his own company (http://www.intensifiedperceptions.com/) and he is and was working for several European Projects like MONIQA (https://www.moniqa.eu/), HEALTHGRAIN (https://www.healthgrain.org/), EU-FOOD-STA (http://www.food-sta.eu/), SEA-ABT (https://www.sea-abt.eu/) and SMARTCHAIN.
Anita Habershuber	Anita Habershuber has a bachelor degree in Social and Cultural Anthropology and is office manager and specialist in event management, where she has more than 10 years experiences in organizing international events and design of promotion materials. She is and was working for several European Projects like MONIQA (https://www.moniqa.eu/), HEALTHGRAIN (https://www.healthgrain.org/), SEA-ABT (https://www.sea-abt.eu/), POSTHARVEST (http://www.postharvestproject.com) and FOOD-AWARE.

Please add lines as necessary

Partner number – P5

Affiliated entity YES NO

Organisation name	Irish Co-operative Organisation Society (ICOS)
Country	Ireland

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>The Irish Co-operative Organisation Society Ltd (ICOS) is the central representative organisation for farmer controlled co-operative businesses in Ireland. We have a staff of 13 people across various disciplines, including Learning & Development, Dairy Industry, Livestock Markets, Environmental, Agri & Food Policy, Pensions, Rural Business Development, Legal & Governance and Foreign Affairs.</p> <p>We have offices in Dublin & Limerick in Ireland and we also have an office in Brussels.</p> <p>It is suggested that the main drivers to support the project would be both Dublin and Brussels based. This will include, our Chief Executive Officer, our Head of Learning and Development, our European Affairs Executive, with our head of L&D being the main point of contact.</p>

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

The Irish Co-operative Organisation Society Ltd (ICOS) is the central representative organisation for farmer controlled co-operative businesses in Ireland. Additionally, we have a dedicated learning and development function which collaborated at a national level through Skillnet Ireland Training Networks Programme and the Future Skills Programme, as well as through two Erasmus Programmes at an EU Level.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

ICOS is subject matter experts in the field of skills development, Strategy and representation with particular focus on learning and development and we can support all aspects of the project, in terms of potential intellectual outputs, such as content design and development, strategy development and to support any other areas of IO's as will be required by the project. ICOS has a huge range of expertise, in areas, such as L&D, digital learning technologies, innovative learning solutions, skills assessments, evaluation and return on investment, Legal, Governance, Policy Development, the Environment and sustainability. Additionally, as it has previously been involved in several Erasmus projects, of which it has been lead partner of two projects, ICOS is well aware of the financial aspects and the reporting mechanisms required in the management of projects.

ICOS will mainly work on WP 1, WP 2, WP 3, and WP5 where it is the WP Leader. It will be the task leader of T3.2 - Curricula design and T1.4 - Bottom-up surveys.

Contribution on work packages:

WP 1 - Skills needs identification: 125 Days

WP 2 - Priorities and strategy design: 106 Days

WP 3 - New tools and training design: 101 Days

WP 4 - Implementation and pilots: 73 Days

WP 5 - Sustainable action plan: 157 Days (WP Leader)

WP 6 - Quality assessment: 60 Days

WP 7 - Engagement and dissemination: 27 Days

WP 8 - Project management: 80 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Billy Goodburn – Head of Learning & Development	<p>Involved in Learning & Development for over 10 years and has responsibility for the development of a training regime which ensures that the training needs of the Irish Co-operative Sector are identified and met in line with the country's National Skills Strategy.</p> <p>He has been an integral player in the drive to raise the standards relating to industry and to training and education through his involvement in the development of international standards, in conjunction with the National Standards Authority of Ireland.</p> <p>He has worked on the development of both national and international standards for learning and development across a number of sectors.</p> <p>He is representative on both the national skills forum for the food and drinks sector and the regional skills forum, representing a national agency responsible for workforce development.</p> <p>Billy has chaired a number of groups and is a key figure in the industry as a</p>

	representative to various bodies including Educators, Social Partners, Industry Sectors, Regulators, Government Ministerial Offices, Trade Associations and Funding Agencies. He has participated and lead several Erasmus projects and is well adverse with the integral workings of EU funding and the collaborative approach of projects.
Alison Graham – European Affairs Executive Brussels	Alison manages ICOS’s operations in Brussels, including representing ICOS within European farming and co-operative organisations such as COPA COGECA and the EU institutions in order to promote policy, programmes and initiatives which support the aims of our member organisations and the overall co-operative movement. She therefore covers a range of topics, notably in relation to this project, policies relating to innovation and research funding; the CAP; the environment and climate, the bio-economy and circular economy; trade; food safety and animal health and welfare. Alison has been working in Brussels for five years and has a Bachelor of Arts in European Studies from the University of Limerick and Masters of Science in Environmental Sustainability from the University College Dublin.
TJ Flanagan – Chief Executive Officer	TJ is the CEO of ICOS, a role he has held since July 2016. He has held a number of policy and member development roles since he joined ICOS is 2000. He represents ICOS in a number of Irish Government initiatives including the National Economic and Social Council, the National Economic Dialogue, the National Milk Agency, and a range of other forums. He also servers as Secretary to the Board of ICOS, as well as Director of the Plunket Institute for Corporate Governance. He delivers a number of modules in Co-operative Governance to the Boards of Co-operatives, as well as conducting Board Evaluations for Co-op Boards. He has a Batchelor of Agriculture Degree from University College Dublin, as well as a Professional Diploma in Corporate Governance from the UCD Smurfit Business School.

Please add lines as necessary

Partner number – P6

Affiliated entity YES NO

Organisation name	AERES Barneveld (AERES)
Country	Nederlands

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>Aeres consists of schools, commercial courses and training centers and institutes specialized in supporting services:</p> <ul style="list-style-type: none"> • Aeres University of Applied Sciences and Teacher Education. The university has three faculties which are named after the location they are established in: Almere, Dronten and Wageningen. Almere has a primary focus on Urban issues and Food, Dronten is the agricultural faculty, Wageningen the educational one. • Aeres TVET has seven schools in the center of the Netherlands. They all have their own profile from Pet care, Flower and garden, Arable farming and animal husbandry, Outdoor, Design, Science to Food. • Eight schools of Aeres Preparatory Secondary Vocation Education. The Aeres TVET institutions are focussing on strengthening the exchange of knowledge and practice between education and training institutions and the labour market, with particular reference to sectorial actors; Our Aeres TVET institutions are integrating work-based learning in VET provision, whenever possible
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coupled with an international experience (over 50% of our students have an international experience in their second year of studies), and exploiting its potential to drive economic development and innovation, increasing the competitiveness of the sectors concerned;

- Aeres Tech is a practical training centre for refrigeration and Engineering.
- Aeres Agri Training Centre for Arable Farming, Animal Husbandry (Dairy and Horse) and Horticulture.

Aeres has about 1200 people working for the organization.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

Education and training providers: Aeres TVET has seven schools in the center of the Netherlands. They all have their own profile from Pet care, Flower and garden, Arable farming and animal husbandry, Outdoor, Design, Science to Food.

The Aeres TVET institutions are focussing on strengthening the exchange of knowledge and practice between education and training institutions and the labour market, with particular reference to sectorial actors;

Our Aeres TVET institutions are integrating work-based learning in VET provision, whenever possible coupled with an international experience (over 50% of our students have an international experience in their second year of studies), and exploiting its potential to drive economic development and innovation, increasing the competitiveness of the sectors concerned;

Each industry or company where our students receive their practical training are accredited, certified and are recognition or qualification bodies (SBB). These bodies represent relevant authorities at regional and national level.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

AERES will contribute to the operational and financial management of the project mainly working on WP 2, WP 3, and WP 4 where it will be the WP Leader. AERES will be the task leader of T3.3 - Apprenticeship scheme and T4.2 - Setup and running of Training pilot.

Contribution on work packages:

WP 1 - Skills needs identification: 53 Days
 WP 2 - Priorities and strategy design: 142 Days
 WP 3 - New tools and training design: 175 Days
 WP 4 - Implementation and pilots: 238 Days (WP Leader)
 WP 5 - Sustainable action plan: 20 Days
 WP 6 - Quality assessment: 51 Days
 WP 7 - Engagement and dissemination: 27 Days
 WP 8 - Project management: 85 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
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Harm Holleman	Harm has 20 year experience in internationalization with KA1 and KA2 projects in Europe. Harm has the key qualification to connect VET colleges on European level. Furthermore he has experience with Nuffic programs in e.g. Europe (PLANET), South Africa, Indonesia. Harm is the international coordinator for the Aeres Groep for VET Education.
Jan Gundelach	Jan G has lived in Eastern Africa for 10 years and has a lot of experience in Africa with TVET programs, student exchange and connecting the TVET Education with the industrial sector. Focus has been on strengthening the exchange of knowledge and practice between education and training institutions and the labor market. Furthermore Jan G has experience with the Aeres Group for the past 7 years in KA1 and KA2 programs (e.g. PLANET) and has been involved in TVET programs in Eastern Afrika (student and knowledge exchange) and Indonesia.
Jan Overeem	Jan O comes from the agricultural industrial sector and has worked there for the past 30 years. Jan O is since 2017 involved in VET Education and a KA2 project PLANET and has experience in bio-economy (solar energy program for villages in The Netherlands) and new technologies (e.g. biogas) and new agricultural technologies.

Please add lines as necessary

Partner number – P7

Affiliated entity YES NO

Organisation name	AGRAR Plus Beteiligungsges.m.b.H. (AP)
Country	Austria

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>AGRAR PLUS (AP) was founded in the year of 1985, by an initiative of Lower Austrian Councillor responsible for agricultural affairs. His aim was to create a contact point for all persons who are interested in establishing biomass district heating plants and also to create an independent advice centre providing support in the examination and development of ideas and concepts.</p> <p>The tasks of the company are beside the design and realisation of concepts for the market, the development of new or alternative agricultural products, coordination of planning, management, financing and supplying of bioenergy projects and running, taking over and negotiation of all involved businesses.</p> <p>The goals of the company are the successful realization of agricultural projects concerning heat or electricity from biomass or biogas, the manufacturing and marketing of agricultural products, the participation in creating a positive atmosphere together with the concerned institutions, to acquire know-how for innovative projects and to be link between agriculture and economy as well as between science and practice.</p> <p>AGRAR PLUS is one of the leading companies in Lower Austria for realising bioenergy projects. The main task of the work is to help persons as an independent consultant to realise economic projects. The broad and long-term know how about biomass, biogas plants and vegetable oil as fuel is shared in different national and international projects as well in regularly organised training courses for farmers / operators of renewable energy units.</p>
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Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

AGRAR Plus is a private enterprise active in the consulting of farmers, municipalities and politics, in the field of biomass, biomass heating plants, biogas, vegetable oil and their different use.

Accompanying to the project management and consulting of renewable plants AGRAR Plus offers project operators and interested people workshops belong to the operation of biomass district heating plants and production of vegetable oil. AGRAR Plus is thereby also acting as a training provider.

The previous and current workshops are continually adapted to current needs and developments. AGRAR Plus is therefore very well familiar with the further training of plant operators, planners and future technicians.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

AGRAR Plus will deliver know-how and experience from the development and operation of biomass district heating plants as well as from vegetable oil production and use as a basement for the development of training material.

AGRAR Plus will engage in project management and will take over tasks in the project.

Through the existing embedding in the relevant networks farmers, consultants and future technicians can be addressed for further training. As experts in the renewable energy sector, the contents of the course will be translated into the language of the country and adapted to the local conditions. Through contacts with similar companies in neighbouring countries, they could be invited to train them as trainers in order to increase the range and effects of the project.

Because of a status as expert of biomass, biogas and vegetable oil AGRAR Plus will contribute at the development of a education strategy in the project.

AP will contribute to the operational and financial management of the project mainly working on WP 2, WP 3, and WP 4. It will be the task leader of T3.5 - Train the trainers materials and tools and T4.1 - Setup and running of Train-the-trainer pilot.

Contribution on work packages:

WP 1 - Skills needs identification: 45 Days

WP 2 - Priorities and strategy design: 106 Days

WP 3 - New tools and training design: 122 Days

WP 4 - Implementation and pilots: 188 Days

WP 5 - Sustainable action plan: 43 Days

WP 6 - Quality assessment: 18 Days

WP 7 - Engagement and dissemination: 27 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Josef Breinesberger	<p>Project development and realisation of renewable energy and rural development, a training course for operators of biomass district heating, AGRAR Plus, since 1995, www.agrarplus.at</p> <p>Project manager at Erasmus+ project PLANET, Plan for Agriculture Renewable Energy Training–n. 591963-EPP-1-2017-1-IT-EPPKA2-SSA, development of education programme for renewable energy systems, 2018-, www.erasmus-planet.eu</p> <p>Project manager at SK-BIO EU cross-border project SK-AT, Know How Transfer from Lower Austria to Slovakia for biomass district heating and power plants 2003 - 2006</p>

	<p>Project manager at 35 tractor project rapeseed-oil as fuel for tractors, fleet test of common tractors which had been adopted for the use of rapeseed-oil as fuel, analysis and monitoring 2003 – 2008, http://pflanzenoel.agrarplus.at/start.html</p> <p>Project staff at the IEE Project SETCOM, Sustainable Energies in Tourism dominated Communities 2008 – 2011, www.eti-brandenburg.de/projekte/internationale-projekte/setcom/</p> <p>Project staff at the Austrian Climate and Energy Fonds Project REGIO Energy, Renewable Energy potential study on district level 2008 – 2010, http://regioenergy.oir.at/</p> <p>General Manager of Federal Association for vegetable oil Austria since 2006, http://www.pflanzenoel-austria.at/</p>
Christian Burger	<p>Project development and realisation of renewable energy facilities, training course for operators of biomass district heating, AGRAR Plus, since 1990, www.agrarplus.at</p> <p>Project staff at Erasmus+ project PLANET, Plan for Agriculture Renewable Energy Training–n. 591963-EPP-1-2017-1-IT-EPPKA2-SSA, development of education programme for renewable energy systems, 2018-, www.erasmus-planet.eu</p> <p>Project staff at the Klima:aktiv Project Bisunfuel, Examination of the catch crop sweet sorghum as raw material for the ethanol and biogas production in a field trial, 2011 – 2014, www.bisunfuel.at</p> <p>Project manager at the SK – AT cross-border project INREN, Intelligent use of renewable energy 2009 – 2013, http://inren1.webnode.at/</p> <p>Project staff at the IEE Project SETCOM, Sustainable Energies in Tourism dominated Communities 2008 – 2011, www.eti-brandenburg.de/projekte/internationale-projekte/setcom/</p> <p>Project staff at the Austrian Climate and Energy Fonds Project REGIO Energy, Renewable Energy potential study on district level 2008 – 2010, http://regioenergy.oir.at/</p> <p>General Manager of Bioenergie NÖ reg. GenmbH, Maria Laach, Austria, Agricultural biomass district heating cooperative since 2003, www.bioenergie-noe.at</p>
Manfred Kirtz	<p>Project development and realisation of renewable energy facilities, training course for operators of biomass district heating, AGRAR Plus, since 2001, www.agrarplus.at</p> <p>Project staff at Erasmus+ project PLANET, Plan for Agriculture Renewable Energy Training–n. 591963-EPP-1-2017-1-IT-EPPKA2-SSA, development of education programme for renewable energy systems, 2018-, www.erasmus-planet.eu</p> <p>Project manager at the Klima:aktiv Project Bisunfuel, Examination of the catch crop sweet sorghum as raw material for the ethanol and biogas production in a field trial, 2011 – 2014, www.bisunfuel.at</p> <p>Project staff at the SK – AT cross border project INREN, Intelligent use of renewable energy 2009 – 2013, http://inren1.webnode.at/</p> <p>Project manager at the IEE Project SETCOM, Sustainable Energies in Tourism dominated Communities 2008 – 2011, www.eti-brandenburg.de/projekte/internationale-projekte/setcom/</p> <p>Project leader at the Austrian Climate and Energy Fonds Project REGIO Energy, Renewable Energy potential study on district level 2008 – 2010, http://regioenergy.oir.at/</p> <p>General Manager of Bioenergie NÖ reg. GenmbH, Maria Laach, Austria, Agricultural biomass district heating cooperative, since 2011, www.bioenergie-noe.at</p> <p>General Manager of Lower Austrian biomass district heating association, Sankt Pölten, Austria since 2006, http://www.biowaermeverband-noe.at</p>
Josef Petschko	<p>Project development and realisation of renewable energy facilities, training course for operators of biomass district heating, AGRAR Plus, since 2007, www.agrarplus.at</p> <p>Project staff at Erasmus+ project PLANET, Plan for Agriculture Renewable Energy Training–n. 591963-EPP-1-2017-1-IT-EPPKA2-SSA, development of education programme for renewable energy systems, 2018-, www.erasmus-planet.eu</p> <p>Project staff at the Klima:aktiv Project Bisunfuel, Examination of the catch crop sweet sorghum as raw material for the ethanol and biogas production in a field trial, 2011 – 2014, www.bisunfuel.at</p> <p>Project staff at the SK – AT cross border project INREN, Intelligent use of renewable energy 2009 – 2013, http://inren1.webnode.at/</p> <p>Project staff at the IEE Project SETCOM, Sustainable Energies in Tourism dominated Communities 2008 – 2011, www.eti-brandenburg.de/projekte/internationale-projekte/setcom/</p> <p>Project staff at the Austrian Climate and Energy Fonds Project REGIO Energy, Renewable Energy potential study on district level 2008 – 2010, http://regioenergy.oir.at/</p>

Please add lines as necessary

Partner number – P8

Affiliated entity YES NO

Organisation name	University of Hohenheim (UHOH)
Country	Germany

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

The Hohenheim Research Center for Bioeconomy is a central inter-faculty research network of UHOH aiming to strengthen the UHOH's scientific potential in the field of Bioeconomy with special emphasis on sustainable agricultural production, digitization and biobased products. The Faculty of Agricultural Sciences is the largest agricultural faculty in Germany with 48 professors and over 2,700 students working in three Bachelor degree programmes, Master degree programmes and a doctoral programme with around 400 PhD students. The faculty, comprised of 11 institutes and an Agricultural Experiment Station, has an excellent infrastructure for agricultural research (1st place in latest QS ranking in Germany, 7th in Europe, 25th worldwide). It has both Bachelor and Master programmes in "Biobased Products and Bioenergy", with a total of over 400 students. A new Master programme entitled "Bioeconomy" has also recently been launched. An interdisciplinary program that looks at the entire bio-based value chain and networks, students examine the ecological, social, and economic dimensions of the bioeconomy on a micro and macro-level. At the same time, they learn to consider the requirements for innovations that need to come from the organizations working in the bio-based economy as well as the corresponding political framework conditions.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

University, the largest agricultural faculty in Germany with 48 professors and over 2,700 students working in three Bachelor degree programmes, Master degree programmes and a doctoral programme with around 400 PhD students.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

UHOH will contribute to the operational and financial management of the project mainly working on WP 1, WP 3, and WP 4. It will be involved in the Curricula design, European strategy formulation and dissemination and communication campaign for Germany.

Contribution on work packages:

WP 1 - Skills needs identification: 111 Days

WP 2 - Priorities and strategy design: 60 Days

WP 3 - New tools and training design: 184 Days

WP 4 - Implementation and pilots: 113 Days

WP 5 - Sustainable action plan: 81 Days

WP 7 - Engagement and dissemination: 40 Days

WP 8 - Project management: 65 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Susanne Braun	<p>Susanne Braun is Managing Director of the Research Center for Bioeconomy (https://biooekonomie.uni-hohenheim.de/en/researchcenter), a central inter-faculty center at the University of Hohenheim. This center provides a broad scientific knowledge from agricultural sciences, food sciences, nutrition sciences, to socio-economic sciences as a background for interdisciplinary and international research activities and networks. A central task of the Center is to foster cooperation with various stakeholders and research institutions in the food sector on national and international level.</p> <p>She is highly experienced, has academic degrees in food science and technology as well as economy and European politics. Her work included management and consulting activities within companies in different countries. Since many years she is working in international projects and is involved in the coordination and the management of EU research projects. She is member in various European food networks and associations. Currently she is the chair of the European network FoodForce (https://www.foodforcenetwork.eu/)</p> <p>Her main activities in the recent years consisted, amongst others, in the optimization of the knowhow transfer to SMEs in the food sector and the linking with a trans-European network of various stakeholders. This comprised the coordination and participation in several large scale European projects. The work included several publications as well as the organization and participation in a big number of international conferences and workshops.</p> <p>Currently, she is the coordinator of the H2020-funded project SMARTCHAIN (https://www.smartchain-h2020.eu/)</p> <p>Timotijevic L, Khan S, Raats M, Braun S, 2019. Research priority setting in food and health domain: European stakeholder beliefs about legitimacy criteria and processes. Food Policy, in press, https://doi.org/10.1016/j.foodpol.2018.12.005.</p>
Dr. Dimitrios Argyropoulos	<p>Dr. Dimitrios Argyropoulos is a Senior Scientist at the University of Hohenheim in Stuttgart (Germany) being responsible for the conception, coordination and implementation of EU-funded projects in Bioeconomy, ICT, Agri-food.</p> <p>He holds a Ph.D. in Agricultural Engineering, an M.Sc. in Environmental Protection & Agricultural Food Production, both from the University of Hohenheim and a B.Sc. in Biosystems Engineering. He has published as first author or co-author 90 articles in refereed scientific journals, professional journals, research reports and conferences (https://www.researchgate.net/profile/Dimitrios_Argyropoulos).</p> <p>He is currently the Scientific Coordinator of the H2020-funded project SMARTCHAIN (https://www.smartchain-h2020.eu/), in the coordinating team of iFAROS ICT-AGRI ERANET (http://www.ict-agri.eu/node/38661) and partner in 5 ongoing EU-funded projects: MYPACK (https://www.mypackfood.eu/), GRACE (https://www.grace-bbi.eu/), EIT-FOOD (3) (https://www.eitfood.eu/).</p> <p>He is also in the advisory board of the H2020 INNOSUP program: DIVA – Boosting innovative Digitech Value chains for Agrifood, forestry and environment (https://www.projectdiva.eu/).</p>

	<p>He is the managing editor of the Elsevier “Journal of Applied Research on Medicinal and Aromatic Plants” (https://www.journals.elsevier.com/journal-of-applied-research-on-medicinal-and-aromatic-plants/) and Editor in Agriculture/Food Science of the Elsevier Journal “Heliyon” (https://www.journals.elsevier.com/heliyon). He is a member of the Association of German Engineers (https://www.vdi.de/), European Society of Agricultural Engineers (https://www.eurageng.eu/), International Society of Precision Agriculture (https://www.ispag.org/) and Hessische Landesfachgruppe Pilzbau (https://www.pilzbau.de).</p> <p>He has been selected as an expert of the EIP-AGRI Focus Group “Reducing food loss on the farm” and recently as a coordinating expert of the EIP-AGRI Focus Group “Diversification opportunities through plant-based medicinal and cosmetic products” (https://ec.europa.eu/eip/agriculture/en/focus-groups).</p>
Dr. F° Javier Casado Hebrard	<p>Dr. Francisco Javier Casado Hebrard is a Senior Project Manager at the University of Hohenheim specifically dealing with exigent problems faced by food producers on topics around food quality, safety and product development. He holds a degree in pharmacy (University of Seville, Spain) as well a degree in food technology (University of Cordoba, Spain). During his PhD and Post-doc (University of Seville, Spain and University of Hohenheim, Stuttgart, Germany) he specialized on pickled vegetables, and acrylamide formation in table olives. Since September 2012 he is working at the Research Center for Bioeconomy of the University of Hohenheim on the preparation and management of EU-funded projects e.g. FP7 Project TRAF00N (www.trafoon.eu), MYPACK (https://www.mypackfood.eu/), SMARTCHAIN (https://www.smartchain-h2020.eu/), ASKFOOD (https://www.askfood.eu/), I-CON (https://www.interreg-central.eu) and several EIT Food projects (https://www.eitfood.eu/).</p>

Partner number – P9

Affiliated entity YES NO

Organisation name	Centre for Research and Technology Hellas (CERTH)
Country	Greece

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>CERTH founded in 2000 is one of the leading research centres in Greece and listed among the TOP-20 E.U. research institutions with the highest participation in competitive research grants. More than 800 people work at CERTH with the majority being scientists. CERTH has participated successfully in more than 1.200 competitive research projects (with a total budget exceeding 450 M€ and involving more than 1.100 international partner organizations) financed by the EU, leading industries from USA, Japan and Europe and the Greek Government via the General Secretariat of Research and Technology. CERTH’s research results (>350 publications/year) have significant scientific impact (about 7.100 heterocitations/year). CERTH through iBO has important scientific and technological achievements in many areas including: Agricultural sustainability, management, Digital technologies, digitalization, big data and artificial intelligence, bioeconomy, circular economy and bio-based products.</p>
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Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

CERTH/iBO exhibits substantial research activity, both basic and industry-oriented, as well as technology transfer actions, in the area of Bio-economy and Agri-Technology. On the above basis, CERTH/iBO can contribute by providing hands-on experience to the participants in the scientific areas of: (i) Robotics and automation in agriculture, (ii) Smart Farming, (iii) Sustainability Assessment of Agriculture related products, (iii) Agri-robotics, (iv) Agro-Informatics (applications related to DSS, sensors), (iv) Agro-logistics, (v) in-door production systems (constructions, microclimate), (vi) rational inputs use (use of renewable energy, and water, soil, and land resources prevention), and (vii) environmental footprint assessment and optimization of agricultural production systems.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

CERTH/iBO due to years of experience can bridge academia with farmers, and agricultural associations. CERTH/iBO can provide the outcomes of the research projects that coordinated in order to provide and highlight the future trends in Agriculture. Also, can support a strategy to exploit outcomes through continuous communication, engagement and involvement of stakeholders especially farmers, municipalities and public administrations located within CERTH's network. The outcomes of CERTH's recent research projects can be an added value for the trainers. CERTH will contribute to the operational and financial management of the project mainly working on WP 1, WP 3, WP 4 and WP 6 where it is the WP Leader. It will be the task leader of T6.1 - Quality plan.

Contribution on work packages:

- WP 1 - Skills needs identification: 58 Days
- WP 2 - Priorities and strategy design: 41 Days
- WP 3 - New tools and training design: 71 Days
- WP 4 - Implementation and pilots: 78 Days
- WP 5 - Sustainable action plan: 25 Days
- WP 6 - Quality assessment: 129 Days (WP Leader)
- WP 7 - Engagement and dissemination: 24 Days
- WP 8 - Project management: 80 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Prof. Dionysios Bochtis	<p>Prof. Dionysis D Bochtis is the Director of CERTH/iBO. Previous positions include: Chair Professor (Agri-Robotics) at the Dept. of Computer Science, University of Lincoln, UK, and Senior Scientist (Operations Management) at the Dept. of Engineering at Aarhus University, Denmark. He holds a PhD in Fleet management in bio-production systems, a MSc in Automation Control, and a B.Sc. in Exact Sciences (Physics). His primary research is Systems Engineering focused on bio-production and related provision systems including conventional systems with enhanced ICT and automation technologies and fully robotized systems. He has participated (as researcher, WP leader, partner, and coordinator) in 39 (22 EU) funded research projects. He has given 17 key-note speeches around on Systems Engineering topics. He is vice-chairman of CIGR (International Commission of Agricultural and Biosystems Engineers) Section V (Systems management) and he was the president of CIOSTA, 2011-2013 (Commission Internationale de l' Organisation Scientifique du Travail en Agriculture, founded in Paris, 1950).</p> <ul style="list-style-type: none"> ● 17 key-note / invited speeches

	<ul style="list-style-type: none"> ● More than 250 publications (including 72 Journal publications and 1 patent) ● Participation in 39 Research projects. In 7 as coordinator. In 2 Erasmus + (designIT and EMPLOY) as Principal Scientist for IBO/CERTH. 4 HORIZON projects coordinator. ● Teaching of 22 different courses in 9 Institutions ● Supervising and co-supervising of 14 Ph.D. students, 8 M.Sc. Thesis ● Editor in 4 Special Issues and of 1 book ● Associate Editor in 2 Journals, Editorial Board member in 6 Journals <p>· Sopegno, A.; Rodias, E.; Bochtis, D.; Busato, P.; Berruto, R.; Boero, V.; Sørensen, C. Model for Energy Analysis of Miscanthus Production and Transportation. <i>Energies</i> 2016, 9, 392. http://dx.doi.org/10.3390/en9060392</p> <p>· Rodias, E; Berruto, R; Busato, P; Bochtis, D; Sørensen, C.G., Zhou, K (2017). Energy Savings from Optimised In-Field Route Planning for Agricultural Machinery. <i>Sustainability</i> 2017, 9(11), 1956; http://dx.doi.org/10.3390/su9111956</p> <p>· Efthymios C. Rodias, Alessandro Sopegno, Remigio Berruto, Dionysis D. Bochtis, Eugenio Cavallo, Patrizia Busato, A combined simulation and linear programming method for scheduling organic fertiliser application, <i>Biosystems Engineering</i>, Volume 178, 2019, https://doi.org/10.1016/j.biosystemseng.2018.11.002</p> <p>· Baniyas, M. Lampridi, K. Padiaditi, Ch. Achillas, E. Sartzetakis, D. Bochtis, R. Berruto, P. Busato (2017). Evaluation of Environmental Impact Assessment framework effectiveness. <i>Chemical Engineering Transactions</i>. Vol. 57, 2017. http://dx.doi:10.3303/CET1758135</p> <p>· Patrizia Busato; Alessandro Sopegno; Remigio Berruto, Dionysis Bochtis and Angela Calvo. (2017). A Web-Based Tool for Energy Balance Estimation in Multiple-Crops Production Systems. <i>Sustainability</i>. http://dx.doi.org/10.3390/su9050789</p> <p>· Efthymios Rodias, Remigio Berruto, Dionysis Bochtis, Patrizia Busato and Alessandro Sopegno (2017). A Computational Tool for Comparative Energy Cost Analysis of Multiple-Crop Production Systems. <i>Energies</i>. http://dx.doi:10.3390/en10070831</p>
Prof. Thomas Bartzanas	<p>Dr. Thomas Bartzanas, is an Associate Professor in Agricultural University of Athens, Department of Natural Resources Management and Agricultural Engineering. Also he is a Collaborative Researcher, Institute of Bio-Economy and Agro technology (IBO) Center for Research and Technology-HELLAS (CERTH). He is an agricultural engineering with a PhD on environmental control of greenhouses. His research area is focused on the application of precision agricultural technologies for sustainable farming, controlled environment agriculture, bio response of living organisms and rational use of energy and water in agriculture.</p> <ul style="list-style-type: none"> ● 7 key-note / invited speeches ● More than 266 publications (including 56 Journal publications) ● Participation in 30 Research projects. ● Teaching of 13 different courses in 3 Institutions ● Supervising and co-supervising of 5 Ph.D. students, 7 M.Sc. Thesis, 3 B.Sc Thesis ● Coeditor in a Special Issues <p>· Elvanidi et al., N. Katsoulas, T. Bartzanas, K.P. Ferentinos, C. Kittas, 2017. Crop water status assessment in controlled environment using crop reflectance and temperature measurements. <i>Precision Agriculture</i>, 18: 332-349</p> <p>· Fidaros, C. Baxevanou, A. Tsangarasoulis, T. Bartzanas, C. Kittas, 2017. Bioclimatic Reformation of Urban Area – A CFD Stud. <i>Procedia Environmental Sciences</i> 38: 586-594</p> <p>· E. Kitta, T. Bartzanas, N. Katsoulas, C. Kittas, 2015. Benchmark irrigated under cover agriculture crops. <i>Agriculture and Agricultural Science Procedia</i>, 4: 348–355</p> <p>· N. Katsoulas, D. Savvas, E. Kitta, T. Bartzanas, C. Kittas, 2014. Development and evaluation of a model used to automatically control water and nutrient discharge in tomato grown in semiclosed hydroponic systems <i>Computers and Electronics in Agriculture</i>, 103:17-25</p>

	<ul style="list-style-type: none"> · T. Bartzanas, D.D. Bochtis, O. Green, C.G. Sørensen D. Fidaros, 2013. Prediction of quality parameters for biomass silage: a CFD approach, Computers and Electronics in Agriculture, 98:209-216 · T. Bartzanas, D.D. Bochtis, C.G. Sørensen, O. Green, 2013. Moisture content evaluation of forage grass using CFD approach, Scientia Agricola, 69(5): 1-8 · D.K. Papanastasiou, D. Fidaros, T. Bartzanas, C. Kittas, 2013. Impact of urban heat island development on buildings' energy consumption. Fresenius Environmental Bulletin, 22(7): 2087-2092
Dr. Dimitrios Kateris	<p>Dr. Dimitrios Kateris received his PhD in Agricultural Engineering from Aristotle University of Thessaloniki in 2015. He also holds a MSc in Agricultural Engineering and Water Resources from the same institute in 2006 and two BSc in Agricultural Engineering and Water Resources from Aristotle University of Thessaloniki (2006) and Technological Educational Institute of Thessaly (1999), respectively. His main research interests lie in the areas of Computational intelligence in agricultural applications, Sensor based non - destructive testing and evaluation, automation and new technologies in agricultural machinery, intelligent information systems in agriculture and artificial intelligence, Neural Networks.</p> <ul style="list-style-type: none"> ● More than 102 publications (including 29 Journal publications and 1 patent) ● Participation in 39 Research projects. ● Teaching of 26 different courses in 4 Institutions ● Supervising 5 B.Sc. Thesis <p>· Dionysis Bochtis, Claus Aage Gron Sorensen, Dimitrios Kateris, 2018. Operations Management in Agriculture, Academic Press, Elsevier, 1st Edition, Published Date: 27th November 2018, p.240. ISBN: 9780128097861 (Available in: https://www.elsevier.com/books/operations-management-in-agriculture/bochtis/978-0-12-809786-1)</p> <p>· Claus Aage Grøn Sørensen, Dimitrios Kateris and Dionysis Bochtis, 2019. "ICT Innovations and Smart Farming" In book "ICT in Agriculture", Book series: Communications in Computer and Information Science, Michail Salampasis and Thomas Bournaris (Eds.), Volume number CCIS 953, Springer's CCIS, 1-19. ISBN: 978-3-030-12997-2.</p>

Partner number – P10

Affiliated entity YES NO

Organisation name	Association de Coordination Technique pour l'Industrie Agroalimentaire (ACTIA)
Country	France

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

ACTIA is a non-profit organization, created upon the joint initiative of the French Ministry of Agriculture and the French Ministry of Research in 1983, and grouping 30 private and non-profit technical centers and transfer organisations providing services to French industrial companies in food and drink sector. With over 1000 skilled food technologists, and a total budget of 80 Millions of Euros, ACTIA' members have developed an international knowledge and expertise on all sectors of food industry and all technologies providing services to more than 75% of French food and drink companies. ACTIA centers' activities consist mainly in research and technology transfer for the companies they are supporting to better solve their technical problems and stimulate innovation. ACTIA services are targeting also farmers performing processing activities of raw materials

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

ACTIA is a key partner in France providing technical assistance to food industry (75% of food industry) including training activities.

- organization/network – at national level – representing sectoral organisations and training stakeholders.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

ACTIA will mainly work on WP 2, WP 4, and WP 7 where it will be the WP Leader.

As partner of "FIELDS", ACTIA will also contribute to:

- identify needs of stakeholders as well as innovative training supports in the scope of the project,
- setting up training programs in bio-economy, sustainability and digitization sectors targeting professionals of food sector and education.

Contribution on work packages:

WP 1 - Skills needs identification: 48 Days

WP 2 - Priorities and strategy design: 58 Days

WP 3 - New tools and training design: 22 Days

WP 4 - Implementation and pilots: 50 Days

WP 5 - Sustainable action plan: 30 Days

WP 6 - Quality assessment: 35 Days

WP 7 - Engagement and dissemination: 86 Days (WP Leader)

WP 8 - Project management: 85 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Christophe COTILLON	Christophe COTILLON (M), Deputy Manager of ACTIA, has got a long experience in management of national and European research programs covering all food sectors and all disciplines as safety and quality improvement. He is facilitating and improving participation of ACTIA Centres in European projects in the field of Bioeconomy and

	food systems. At present, Christophe Cotillon is the Deputy Manager of ACTIA, responsible of European affairs and International Cooperation.
Antione KIEFFER	Antoine KIEFFER (M), is a Food Engineer who started as an apprentice for 2 years at ACTIA. He is now employed as a project manager (fixed term contract). He has been working with Christophe Cotillon on FP7 and Horizon 2020 projects on demonstration, dissemination, and communication issues.

Please add lines as necessary

Partner number – P11

Affiliated entity YES NO

Organisation name	GAIA EPICHEIREIN (GAIA)
Country	

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>GAIA EPICHEIREIN is a newly established Greek organization founded in 2014 as a result of a broad coalition between farmers & agri-cooperatives (71 agri-cooperatives and associations) that have teamed up with partners from the IT sector (NEUROPUBLIC SA) and the banking sector (PIRAEUS BANK GROUP) sharing a common vision of a more sustainable and competitive Greek agricultural model. GAIA coordinates the business operation of about 110 Greek Farmers' Service Centers. It represents the majority of the Greek farmers associations (with more than 151K farmer members) and it has strong links and interactions with COPA COGECA as a member of COPA COGECA. GAIA EPICHEIREIN has 2 main missions:</p> <ul style="list-style-type: none"> - To represent and promote the interests of its farmers and agri-cooperative members by acting as their national and EU reference point in terms of policy, tax & legal and business support, - To assist Greek farmers and agri-cooperatives in making a quality leap towards a more sustainable and competitive farming and agri-cooperative sector by investing in knowledge and innovation and providing them with high quality advisory services covering a broad range of their activities from production to commercialization. <p>Furthermore, one of the main objectives of GAIA include, among others, the provision of investment, consulting and other types services to the agricultural sector, as well as the protection and strengthening of the pursuits of agricultural cooperatives for the development of solid agricultural and cooperative entrepreneurship. The implementation of these pursuits is based on the nationwide network of Farmer Service Centres (FSCs) developed by GAIA in cooperation with powerful agricultural cooperatives throughout the country, making this network the main service provider for farmers and their organisations at the national level.</p> <p>In the context of its work on policy support and institutional representation of the interests of its farmers and agri-cooperatives/associations-members, GAIA EPICHEIREIN is a full member of the European farmers and agri-cooperative organizations COPA & COGECA (http://www.copa-cogeca.be/Menu.aspxand), participating at all levels of their work. GAIA EPICHEIREIN is also a member of the European Think Tank Farm Europe (http://www.farm-europe.eu/) and of the European Forum for Agricultural and Rural Advisory Services, EUFRAS (http://www.eufras.eu/)</p>
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Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

Private enterprise, GAIA coordinates the business operation of about 110 Greek Farmers' Service Centers. It represents the majority of the Greek farmers associations (with more than 151K farmer members) and it has strong links and interactions with COPA COGECA as a member of COPA COGECA.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

GAIA will contribute to the operational and financial management of the project mainly working on WP 1, WP 2, and WP 5. It will also be involved on the project for:

- Organizing national and EU workshops as to identify skills needs
- Boosting education and training program – GAIA has developed multiple training plans and materials which outline the objectives, needs, strategy and curriculum of each EU project it takes part in, such as LIFE GAIA Sense.
- Developing content for e-learning courses- GAIA has extensive work experience in training programs relating to synchronous and asynchronous training as operates a digital encyclopaedia named GAIA PEDIA (being an agriculture-based media wiki tool) and an e-learning platform, GAIA LEARNING.
- Enriching website
- Creating and enriching project's social media accounts

Contribution on work packages:

WP 1 - Skills needs identification: 65 Days

WP 2 - Priorities and strategy design: 76 Days

WP 3 - New tools and training design: 10 Days

WP 4 - Implementation and pilots: 45 Days

WP 5 - Sustainable action plan: 105 Days

WP 7 - Engagement and dissemination: 38 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Prof. George Kormentzas	<p><i>Prof. George Kormentzas has received the Diploma in Electrical and Computer Engineering and a Ph.D. in Computer Engineering. Furthermore, he acts within Technical Program and Organizing Committees for numerous conferences and workshops and as a Guest Editor for scientific journals. He has participated in a number of national and international research projects, serving in some instances as Project Manager and Technical Manager. For three years (2010 - 2012), George Kormentzas acted as Vice President of OPEKEPE, the Greek Paying Agency for Community Aids according to the EC Common Agriculture Policy (CAP). For two years, G. Kormentzas was member of COPA-COGECA Presidium representing the Greek Farmers' cooperatives. Currently, he is the COO of GAIA EPICHEIREIN.</i></p>

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Dimitrios Kapnias	<i>Mr. Dimitrios Kapnias has received the Diploma in Surveying Engineering and a M.Sc. in Photogrammetry. He has participated in technical missions and consultations on the implementation and maintenance of IACS/LPIS in the framework of the CAP. Particularly he provided technical assistance to the administration of Member States (BG, PL, GR) and Candidate Countries (HR, TR, MK) for planning, implementing or updating LPIS. In collaboration with DG AGRI he also participated in Audit missions as a technical consultant on LPIS (GR, BG, RO). He participated in the monitoring of EU co financing projects of Digital Cadastre as a technical advisor to DG ELARG (HR, PL) and DG REGIO (GR). Following his experience in EU agriculture policies as a Scientific Officer his current position as a senior manager in GAIA EPICHEIREIN SA focuses on ICT applications and services in agriculture.</i>
Elli Tsiforou	<i>Mrs. Elli Tsiforou has studied Communication & Media and Political Studies. Mrs. Tsiforou has worked as a researcher at the Stendhal University within the team of the GRESEC laboratory and served as a political aide at the European Parliament and the Greek Parliament. Mrs. Tsiforou has also served as Chief of Staff to the cabinet of the Minister of Culture and Tourism during the legislature of the Caretake Government. She is currently based in Brussels and working as Head of GAIA EPICHEIREIN SA Brussels Office, focusing on lobbying activities at EU level as well as on the development and implementation of the company's external strategy.</i>
Ioanna Kalyva	<i>Mrs. Ioanna Kalyva has studied Mathematics and she works for GAIA EPICHEIREIN S.A. as an Educational Manager. She is responsible for a number of activities in the educational sector, including the development of policy to the development in GAIA EPICHEIREIN SA. She also has extensive work experience in training programs relating to synchronous and asynchronous training. She is responsible for operating Horizon 2020 projects carrying out by GAIA EPICHEIREIN S.A.</i>
Vasiliki Tsafaraki	<i>Mrs. Tsafaraki Vasiliki has studied Philosophy, Pedagogy and Psychology and holds master in New Technologies in Training and Human Resources Management from National and Kapodistrian University of Athens. She is the Educational Manager and Trainer in GAIA EPICHEIREIN S.A. Mrs. Tsafaraki has extensive experience in training programs and dynamic courses that extend learning experience. She also contributes to Horizon 2020 projects that the company participates in.</i>

Please add lines as necessary

Partner number – P12

Affiliated entity YES NO

Organisation name	Confederação Nacional das Cooperativas Agrícolas and do Crédito Agrícola de Portugal (Confagri PT)
Country	Portugal

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

CONFAGRI is the umbrella confederation of the agricultural cooperative reality in Portugal. It associates federations of cooperatives covering the variety of sectors that characterize Portuguese farming as livestock and dairy cooperatives, wine, olive and olive oil, fruits and vegetables, forestry, apiculture as well as supply factors and agricultural credit cooperatives. The total number of associated cooperatives rounds 500. CONFAGRI has a Professional Training Department, made up of 10 permanent employees which is enforced by CONFAGRI' in-house IT department, responsible for all of our nationwide technical support and services.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

CONFAGRI is the national umbrella organization representing agricultural cooperatives in all farming sectors in Portugal. CONFAGRI is a training entity certified at national level.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

Confagri's long national experience in advisory, training, education complementing exchanges of information with proper dissemination to a wide range type of stakeholders, from farmers to politicians not forgetting academia will prove very useful to the proper development of all tasks required in such a project. Due to its nationwide coverage and direct contact with the producers and their cooperatives, based on a solid and trusted long-lasting relation, it is particularly equipped to contribute to the identification of their daily needs be it to improve agronomical or business management.

Considering the long experience, Confagri Pt expertise in setting up education and training programmes can be a valuable addition to the project. Furthermore, implementing such programmes, ensuring all trainees receive the best training by equipped professionals that multiply accurately the objectives, is already one of our tasks and we would be pleased to both learn and contribute to this part of the project.

Confagri PT will be the task leader of T5.1 - National and EU regulatory frameworks and T2.2 - Profiles prioritisation.

Contribution on work packages:

WP 1 - Skills needs identification: 48 Days

WP 2 - Priorities and strategy design: 101 Days

WP 3 - New tools and training design: 18 Days

WP 4 - Implementation and pilots: 85 Days

WP 5 - Sustainable action plan: 120 Days

WP 7 - Engagement and dissemination: 27 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Domingos Godinho	Domingos Godinho (M). A Master in Animal Sciences from the University of Evora, Domingos Godinho is a licentiate in Zootechny. A technical expert in all matters related to agriculture, animal science and the CAP at the technical department of CONFAGRI, he properly exploits his expertise been representing his organization in several Working parties at European level. Furthermore he is also responsible for the implementation on Confagri's behalf of such European funded projects as RuralE.Evolution or Scope.

Ricardo Judas	Ricardo Judas (M) An IT engineer since 2000, graduated from Beja Polytechnic Institute, School of Technology and Management. With a vast experience at national level, he has worked in several multinationals as IT Manager in Portugal he adds about 5 years in the role of IT Manager in Angola. He is currently an Information Systems Manager at CONFAGRI In his professional life, he also has about 16,000 hours of training in various areas of computing, from Networks to WEB programming.
Isabel van Zeller Basto	Isabel van Zeller Basto (F) An agronomist since 2004, Universidade de Trás-os-Montes e Alto Douro in Portugal, she is currently the head of the Brussels Office of CONFAGRI in Brussels. The face of international relations, she coordinates the work of all agricultural sectors between Lisbon and the European Institutions. She received her PhD at the University 'Cattolica del Sacro Cuore' on Sistema Agro-Alimentare with label Doctor Europaeus in 2010. Her thesis was entitled 'Role of stilbenes as a resistance factor of the grapevine towards biotic stress'. She is involved in different .

Please add lines as necessary

Partner number – P13

Affiliated entity YES NO

Organisation name	Cooperativas Agro-alimentarias de España (SCOOP)
Country	Spain

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>The main task of Spanish Co-ops is to represent and defend the economic and social interests of the Spanish agricultural cooperative movement, before the National Administration, the European Union and the rest of the social and economic agents of the sector in which the agricultural cooperatives develop their activities. Spanish Co-ops represents this Spanish agricultural cooperative movement that consists of 2,295 cooperative companies. These companies have an overall turnover of 14,966 M€, employ 78,104 workers, and are composed by 891,122 associated farmers. These figures indicate that Spanish Co-ops, in spite of being an SME, implies and influences a bigger scope. The Executive Council that makes the organization's decisions is composed by the 17 Regional Federations' Presidents.</p> <p>In its internal structure, Spanish Co-ops has a Department on Training, which organizes regular events and also additional training courses for specific necessities, guided by the circumstances and by political/legal/environmental aspects arising.</p> <p>Besides that, Spanish Co-ops has an expert team created for their participation in projects. This team has been also strengthened in relation to its allocated tasks in previous and ongoing European projects such as CO2OP, TESLA, EUROPRUNING, SUCELLOG, SCOOPE, AGROinLOG, SKIN, IoF2020, PANACEA and MAGIC. In this sense, the team working for European Projects has been trained in Project Management.</p> <p>Moreover, the staff of Spanish Co-ops participates in working groups and initiatives organized by the European Commission and by the COPA-COGECA. Besides that, at National level, the team of Spanish Co-ops coordinates the technical support, regarding technical and economic issues, provided to the cooperatives. These training and technical advice is co-funded by the Spanish Ministry of Agriculture.</p>

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

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Spanish Co-ops is the representative organization of the agro-food cooperatives of Spain, and works on all agro-food sectors, and also on horizontal issues such as legal aspects, business management, economic matters, gender and equity, innovation, etc. It is both in charge of providing direct technical advice and organizing training courses and events for the professionals working in the Regional Federations, the cooperatives and for farmers itself.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

SCOOP will contribute to the operational and financial management of the project mainly working on WP 2 and WP 3. It will be also involved on disseminating the project results and putting in practice its achievements. Besides that, due to its direct contact with agrifood cooperatives and farmers, Spanish Co-ops will actively participate in gathering the preliminary information and on the definition of the occupational profiles.

Contribution on work packages:

WP 1 - Skills needs identification: 50 Days

WP 2 - Priorities and strategy design: 128 Days

WP 3 - New tools and training design: 20 Days

WP 4 - Implementation and pilots: 50 Days

WP 5 - Sustainable action plan: 90 Days

WP 7 - Engagement and dissemination: 30 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
<p>Juan SAGARNA – Head of Department of Services, Quality and Innovation.</p>	<p>He is agricultural engineer and project manager, and is the manager of the Department of Services, Quality and Innovation. He is also: Project Manager of projects led by Spanish Co-ops (SCOoPE (H2020) and TESLA (Intelligent Energy Europe Programme). Moreover, he is the Project Manager of the Spanish Co-ops participation in all the rest of European projects. He is Vice-Chairman on Working Party on RESEARCH in the COPA-COGECA. He will be the project manager of the participation of Spanish Co-ops in this ERASMUS+ project, and so, he will organize and coordinate the tasks carried out by each personnel. Apart from the overall coordination of Spanish Co-ops' tasks, he will provide the link of the project with the National and European institutions and networks.</p>
<p>Susana RIVERA – Quality expert</p>	<p>She is an agricultural engineer with a degree also on Food Technologies, belonging to Juan Sagarna team at Spanish Co-ops. She is the person in charge of all national and European standards and rules related to quality, food safety, energy auditing methodologies, and organic farming regulations. She participates in several certification committees of Quality and Food Safety certification schemes and participates in the Working Party organized by COPA-COGECA regarding Quality and Food Safety. Moreover, due to her experience in previous European project, she is expert in obtaining information from the agro-food cooperatives and the rural sector, and in training and disseminating project results.</p>

Irene CEREZO – Innovation expert	She is an agricultural engineer, belonging to Juan Sagarna team at Spanish Co-ops. She is the person in charge of fostering the participation of the Regional Federations and the cooperatives in innovative, research or European projects, as well as the participation of Spanish Co-ops in these kinds of projects. Specially, due to her experience in previous European project, she is used to work in organizing workshops and dissemination materials tailor-made for the well known rural audience.
Pablo FERNÁNDEZ – Technical expert	He is a graduate in agri-environmental engineering specializing in agri-energetics, belonging to Juan Sagarna team at Spanish Co-ops. He provides technical support in H2020 projects as well as in other tenders under the IPARD Programme (Instrument for Pre-Accession Assistance in Rural Development). His background with Geographical Information Systems allows him to support the team work with visual analysis and mapping. He has also participated and organized several events and workshops for European projects.

Please add lines as necessary

Partner number – P14

Affiliated entity YES NO

Organisation name	Chamber of Commerce and Industry of Slovenia - Chamber of Agricultural and Food Enterprises, Gospodarska zbornica Slovenije (GZS)
Country	Slovenia

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

GZS or CCIS-CAFE is the main and the biggest representative organization for agri-food industry in Slovenia. It represents branch interests of around 200 agricultural and food companies, registered in Slovenia vs. Slovenian governmental and non-governmental institutions/organisations, as well as in equivalent EU associations. The very close collaboration to the agri-food industry rounds up the wide range of possibilities and highlights the association as a multiple purpose adviser. Through its members and experts involved, it has the possibility to increase the involvement of food SMEs (90 % of all members) and to share all important results and information with them. Main aim of all activities is also to discuss further needs or priorities to develop and establish industry working parties for SMEs in the agriculture and food sector for fostering the implementation of innovative solutions and to disseminate successful practices to a wider community of food businesses. CCIS-CAFE is also being recognised as an important stakeholder in the local, regional, national and EU food innovation eco-system with strong outreach.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

CCIS-CAFE represents interests of around 200 members (agriculture and food enterprises) and through the SRIP HRANA project collaborates with different stakeholders:

- research institutions (Institute Jozef Stefan, National Institute of Chemistry, National Institute of Biology),
- universities (University of Ljubljana, University of Maribor, University of Primorska),
- branch organizations in the field of agriculture, cooperatives and food technology (Chamber of Agriculture and Forestry of Slovenia, Cooperative Union of Slovenia),
- ministries (Ministry of Agriculture, Forestry and Food, Ministry of Health, Ministry of Economic Development and Technology, Ministry of Education, Science and Sport) and
- other important organizations (Nutrition Institute, Slovenian Institute of Hop Research and Brewing, Institute for Environmental Protection and Sensors).

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

GZS will contribute to the operational and financial management of the project mainly working on WP 4. It will also contribute to the content with broad knowledge and experiences in the field of agriculture, bioeconomy, sustainable food, food law, nutrition, innovation, digitalization and internationalization from working with agro-food enterprises. GZS will also share best practices working with SMEs on a daily basis. Key persons have experiences in economic and in management of national and EU projects and can coordinate all the activities.

Contribution on work packages:

WP 1 - Skills needs identification: 45 Days

WP 2 - Priorities and strategy design: 25 Days

WP 3 - New tools and training design: 20 Days

WP 4 - Implementation and pilots: 108 Days

WP 5 - Sustainable action plan: 35 Days

WP 7 - Engagement and dissemination: 43 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Dr. Tatjana Zagorc	<p><u>Short profile:</u> B.Sc. of Food Science and Technology, PhD. in Biotechnology; study experiences from abroad, CCIS employee since 2001, first as senior consultant at Food industry association, becoming a director of CCIS-CAFE in 2005</p> <p><u>Experiences:</u> economic and managerial, management of national and EU projects, professional guest at different type of event organized by national and foreign institutions, member of different committees, working groups, forums (ministerial as well), important national decision player, considered valuable in preparing national strategies and policies, coordinator of strategic development-innovation partnership SRIP HRANA</p>

Dr. Petra Medved Djurašinić	<u>Short profile:</u> Ph.D. in Food Science and Technology, CCIS employee since 2005, broad knowledge on food law, nutrition, food labelling, food innovation, trends and knowledge transfer <u>Experiences:</u> national/EU project manager, CCIS-CAFE representative within UNESDA (European soft drink association), FoodDrinkEurope, secretary of SRIP HRANA 5th focus area (Food, Nutrition and Consumer)
Nina Barbara Križnik	<u>Short profile:</u> broad knowledge in agriculture law, animal feed, animal welfare <u>Experiences:</u> CCIS-CAFE representative within FEFAC (European Feed Manufacturers' Federation) and WAPA (The World Apple and Pear Association), secretary of SRIP HRANA 1st focus area (Raw Materials and Sustainable Use of Resources)

Please add lines as necessary

Partner number – P15

Affiliated entity YES NO

Organisation name	Lebensmittelversuchsanstalt/Food Research Institute (LVA)
Country	Austria

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>LVA is a private non profit centre of excellence for the food industry in Austria and was founded as independent association with the aim to fulfil a broad range of tasks. Services comprise coaching and consultancy, comprehensive training in the food sector, authoritative partnerships in technology transfer, European research programs and mediating co-operations of industry and academia.</p> <p>The high quality of provided services and the competences and expertise built in LVA make it a strong player in the Austrian food producing sector and an expert partner on EU-level. Members of LVA act as evaluators in food analysis and technology e.g. in the Science and Research Expert Group of Food Drink Europe FDE, and provide consultancy as experts in food legislation and standard requirements. The LVA guided national Food TechNet is the contact point and exchange platform joining research and industry for applied research projects in process and product development. LVA offers a comprehensive program for professional training in the food sector on a regular basis. As a participant in several research consortia in different European projects LVA gathered considerable experience.</p> <p>Contributions to publication media (ernährung – nutrition, ACR – publications, B2B – newsletter services) complete the broad range of tasks. Experts of LVA are frequent expert guests in television as well as public media for topics concerning food science, safety and quality.</p> <p>Training and Consulting</p> <p>The core competencies of LVA in quality management, food science, food legislation, hygiene and technology transfer are complemented by a comprehensive program for professional training for the food sector. The emphasis of the training program is laid on:</p> <ul style="list-style-type: none"> - Hygiene, HACCP, and microbiology - Food legislation: update on new regulations and current amendments - Niche areas in the field of food science, to some extent unique in Austria (e.g. Food QM standards, IFS, food law, Food Contact Materials, Hygiene, HACCP, Health Claims, Microbiology, Pathogens etc.). <p>Parallel to this our range of consulting services also includes coaching programmes (QM, HACCP) in addition to consultancy on demand.</p>
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Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

Education and training provider; private non profit.

LVA is a private non profit centre of excellence for the food industry in Austria and was founded as independent association with the aim to fulfil a broad range of tasks. Services comprise coaching and consultancy, comprehensive training in the food sector, authoritative partnerships in technology transfer, European research programs and mediating co-operations of industry and academia.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

LVA will contribute to the operational and financial management of the project in the following tasks:

- Efficient project management and reporting
- Carry out a need analysis
- Study of regulations, requirements, bottlenecks and law questionnaires
- (co-)development of training contents and transfer systems
- Innovation transfer actions
- Testing and validation of trainings and transfer actions
- Pilot training and transfer sessions
- Organize national seminars and workshops
- Dissemination of project activities and results via national and international networks
- Translation of training materials into national language

LVA will be the task leader of T7.1 - Dissemination plan

Contribution on work packages:

WP 1 - Skills needs identification: 45 Days

WP 2 - Priorities and strategy design: 45 Days

WP 3 - New tools and training design: 84 Days

WP 4 - Implementation and pilots: 80 Days

WP 5 - Sustainable action plan: 40 Days

WP 7 - Engagement and dissemination: 87 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Julian Drausinger (m)	<p>Dept. CEO; Secretary General Austrian Technology Platform</p> <p>Julian Drausinger is graduated Food technologist and has been working for over 17 years in the LVA realising applied product and process development for the food industry. His involvement in a large number of national and international research projects gives him sufficient experience in the related project work. Additional expertise lies in the fields of food hygiene, product development, quality management and food standards. He is Member of the Science and Research Expert Group of Food Drink Europe (FDE) and Secretary General of the Austrian Technology Platform (ATP). Being responsible for training and technology transfer he has the expertise for successful conversion of identified content to practical use on operators and users site.</p>

Christine Grabler (f)	Food Technology Expert, Project manager Christine Grabler is a graduated food technologist and has been working for more than 18 years in the LVA managing projects for applied product and process development for the food industry. Her expertise lies in the fields of innovation management as well as data mining for technological solutions. She has broad experience in realising research projects and evaluating their use for innovation transfer. She also assists in the network of Food Technology Platforms for information exchange and deals with the editing of technological and scientific content for the public. She is an experienced user of online tools for webinars and other information exchange services.
Elvira Bednar (f)	Elvira Bednar is responsible for the design and management of more than 30 annual seminars and around 50 annual company trainings in Austria. She coordinates the contributions of more than 40 speakers and transfers food knowledge to an audience of more than 2.000 attendees per year. She drafts and designs the content of the seminar program and takes care of the delivery of practical and applied information for the use in the food area. Elvira Bednar realises public appearances for exchange of views and experiences between consumers and the food industry and oversees online and social media activities of LVA.

Please add lines as necessary

Partner number – P16

Affiliated entity YES NO

Organisation name	Universidad de Castilla-La Mancha (UCLM)
Country	Spain

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>The UCLM is a regional and multicampus university founded in 1985. UCLM integrates 36 academic departments offering 45 degree qualifications. The total budget for 2018 was 135.6 M€ used for maintaining 40 educational centers, teaching around 30,000 students, and providing services and infrastructure to 186 research units. Activities from basic research to technological development. 17 R&D contracts were managed at UCLM under FP6 and there are 36 approved projects under FP7 and CIP, as well as 22 H2020 granted projects.</p> <p>The main research activities are related with the management of water and energy for irrigation in semiarid areas under water scarce conditions. These activities have been carried out in an integrated manner with farmers, regional and local governments, and regional and national enterprises. Also, the development of technology for the treatment of water, wastewater and reclaimed wastewater.</p>
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Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

<p>The Universidad de Castilla – La Mancha is a public Regional University. UCLM integrates 36 academic departments offering 45 degree qualifications. The total budget for 2018 was 135.6 M€ used for maintaining 40 educational centers, teaching around 30,000 students, and providing services and infrastructure to 186 research units.</p>
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III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

UCLM will contribute to the operational and financial management of the project mainly working on WP 3, and WP 4. It has experience related to sustainable water use and reuse, including eventually reuse of waste water and better irrigation systems. UCLM will be the task leader of T3.4 - Training content creation and new tools.

Contribution on work packages:

WP 1 - Skills needs identification: 50 Days

WP 2 - Priorities and strategy design: 79 Days

WP 3 - New tools and training design: 192 Days

WP 4 - Implementation and pilots: 191 Days

WP 5 - Sustainable action plan: 10 Days

WP 6 - Quality assessment: 68 Days

WP 7 - Engagement and dissemination: 27 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

NB: Please note that the first key staff to be listed under **PI** should be the Project coordinator (also called 'Project manager' and 'Contact person' in section A.2 of the eForm). The coordinator will have the responsibility to ensure that the project is implemented in accordance with the selected application. Its coordination will include the following duties:

- Be the single point of contact of the Agency for all communications on the project;
- Coordinate the work of the consortium in line with the workplan;
- Monitor that the action is implemented in accordance with the EU grant agreement.

This person must have all the necessary professional experience and competencies to carry out the coordination of the project. Please provide detailed information.

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Prof.Dr. J.M. Tarjuelo Martín-Benito	<p>Dr Ing. Agr. Polytechnic Univ. of Madrid, Spain (1984), coordinator of several EU and National research projects, and Head of CREA. For more than 25 years has been developing a wide research activity in water and energy management in irrigation under a context of water scarcity. Has directed 12 DT and has published over 100 scientific papers.</p> <p>Dominguez, A., Martinez-Navarro, A., Lopez-Mata, E., Tarjuelo, J. M., Martinez-Romero, A. 2017. Real farm management depending on the available volume of irrigation water (part I): Financial analysis. <i>Agricultural Water Management</i> 192, 71-84.</p> <p>Leite KN, Martínez-Romero A, Tarjuelo JM, Domínguez A, 2015. Distribution of limited irrigation water based on optimized regulated deficit irrigation and typical meteorological year concepts. <i>Agric. Water Manage.</i> 148, 164-176.</p> <p>Domínguez A, de Juan JA, Tarjuelo JM, Martínez RS, Martínez-Romero A, 2012. Determination of optimal regulated deficit irrigation strategies for maize in a semi-arid environment. <i>Agric. Water Manage.</i> 110, 67-77.</p>

	<p>Carrión F, Sanchez-Vizcaino J, Corcoles JI, Tarjuelo JM, Moreno MA, 2016. Optimization of groundwater abstraction system and distribution pipe in pressurized irrigation systems for minimum cost. <i>Irrig. Sci.</i> 34:2, 145-159</p> <p>Carrión F, Tarjuelo JM, Hernandez D, Moreno MA, 2013. Design of microirrigation subunit of minimum cost with proper operation. <i>Irrig. Sci.</i> 31, 1199-1211.</p>
Dr. M.A. Moreno Hidalgo	<p>He is Dr. Ing. Agr. UCLM (2005). Postdoctoral internships at The University of Arizona and Utah State University and visiting researcher in IAMB, Bari. Involved in many national and international projects, he is a specialist in participatory irrigation management and stakeholders driven processes, optimization, analysis, development and use of simulation models for, large-scale.</p> <p>Dominguez, A., Martinez-Navarro, A., Lopez-Mata, E., Tarjuelo, J. M., Martinez-Romero, A. 2017. Real farm management depending on the available volume of irrigation water (part I): Financial analysis. <i>Agricultural Water Management</i> 192, 71-84.</p> <p>Leite KN, Martínez-Romero A, Tarjuelo JM, Domínguez A, 2015. Distribution of limited irrigation water based on optimized regulated deficit irrigation and typical meteorological year concepts. <i>Agric. Water Manage.</i> 148, 164-176.</p> <p>Domínguez A, de Juan JA, Tarjuelo JM, Martínez RS, Martínez-Romero A, 2012. Determination of optimal regulated deficit irrigation strategies for maize in a semi-arid environment. <i>Agric. Water Manage.</i> 110, 67-77.</p> <p>Carrión F, Sanchez-Vizcaino J, Corcoles JI, Tarjuelo JM, Moreno MA, 2016. Optimization of groundwater abstraction system and distribution pipe in pressurized irrigation systems for minimum cost. <i>Irrig. Sci.</i> 34:2, 145-159</p> <p>Carrión F, Tarjuelo JM, Hernandez D, Moreno MA, 2013. Design of microirrigation subunit of minimum cost with proper operation. <i>Irrig. Sci.</i> 31, 1199-1211.</p>
Dr. A. Martinez Romero	<p>Dr. Agricultural Engineer (2008), Research focused on improving the agricultural water use efficiency at basin, farm and plot level, developing several modules of the MOPECO model (ORDI, TMY, salinity) for improving the profitability of farms through a more efficient use of irrigation water; Participation in 5 national and 7 regional projects; Direction of 2 Doctoral Thesis (+3 in execution); Publication of 14 JCR papers (10 Q1);</p> <p>Dominguez, A., Martinez-Navarro, A., Lopez-Mata, E., Tarjuelo, J. M., Martinez-Romero, A. 2017. Real farm management depending on the available volume of irrigation water (part I): Financial analysis. <i>Agricultural Water Management</i> 192, 71-84.</p> <p>Leite KN, Martínez-Romero A, Tarjuelo JM, Domínguez A, 2015. Distribution of limited irrigation water based on optimized regulated deficit irrigation and typical meteorological year concepts. <i>Agric. Water Manage.</i> 148, 164-176.</p> <p>Domínguez A, de Juan JA, Tarjuelo JM, Martínez RS, Martínez-Romero A, 2012. Determination of optimal regulated deficit irrigation strategies for maize in a semi-arid environment. <i>Agric. Water Manage.</i> 110, 67-77.</p> <p>Carrión F, Sanchez-Vizcaino J, Corcoles JI, Tarjuelo JM, Moreno MA, 2016. Optimization of groundwater abstraction system and distribution pipe in pressurized irrigation systems for minimum cost. <i>Irrig. Sci.</i> 34:2, 145-159</p> <p>Carrión F, Tarjuelo JM, Hernandez D, Moreno MA, 2013. Design of microirrigation subunit of minimum cost with proper operation. <i>Irrig. Sci.</i> 31, 1199-1211.</p>
Prof. Dr. Manuel A. Rodrigo	<p>He is Full Professor of Chemical Engineering. He is author of more than 350 papers in referenced journal (h-index 55) and books, more than 75 technical reports for companies, five patents. He maintains strong consultant collaboration with many companies in energy and environmental engineering. At present, he is the member of the Chemical Technology board of the Spanish Agency of Research (AEI). He has supervised 16 PhD. Will act as the PI of the UCLM partner</p>

	<p>1) Isidro, J., Brackemeyer, D., Sáez, C., Llanos, J., Lobato, J., Cañizares, P., Matthee, T., Rodrigo, M.A Operating the CabECO® membrane electrolytic technology in continuous mode for the direct disinfection of highly fecal-polluted water (2018) Separation and Purification Technology, DOI: 10.1016/j.seppur.2018.04.070. 2) Isidro, J., Llanos, J., Sáez, C., Lobato, J., Cañizares, P., Rodrigo, M.A. Pre-disinfection columns to improve the performance of the direct electro-disinfection of highly faecal-polluted surface water (2018). Journal of Environmental Management, 222, 135-140. 3) Cotillas, S., Lacasa, E., Sáez, C., Cañizares, P., Rodrigo, M.A. Disinfection of urine by conductive-diamond electrochemical oxidation (2018) Applied Catalysis B: Environmental, 229, 63-70. 4) Souza, F.L., Saéz, C., Lanza, M.R.V., Cañizares, P., Rodrigo, M.A. Is it worth the use of bipolar electrodes in electrolytic wastewater treatment processes? (2015) Chemical Engineering Journal, 264, pp. 310-315. 5) Cano, A., Barrera, C., Cotillas, S., Llanos, J., Cañizares, P., Rodrigo, M.A. Use of DiaCell modules for the electro-disinfection of secondary-treated wastewater with diamond anodes (2016) Chemical Engineering Journal, 306, 15, 433-440.</p>
<p>Prof. Dr. Pablo Cañizares</p>	<p>He is Full Professor and the Head of the Chemical Engineering Department. He directs annually a Master in Chemical Engineering and Environmental Management since year 2001. More than 350 papers with h-index 51. He has supervised over 20 PhD.</p> <p>1) Isidro, J., Brackemeyer, D., Sáez, C., Llanos, J., Lobato, J., Cañizares, P., Matthee, T., Rodrigo, M.A Operating the CabECO® membrane electrolytic technology in continuous mode for the direct disinfection of highly fecal-polluted water (2018) Separation and Purification Technology, DOI: 10.1016/j.seppur.2018.04.070. 2) Isidro, J., Llanos, J., Sáez, C., Lobato, J., Cañizares, P., Rodrigo, M.A. Pre-disinfection columns to improve the performance of the direct electro-disinfection of highly faecal-polluted surface water (2018). Journal of Environmental Management, 222, 135-140. 3) Cotillas, S., Lacasa, E., Sáez, C., Cañizares, P., Rodrigo, M.A. Disinfection of urine by conductive-diamond electrochemical oxidation (2018) Applied Catalysis B: Environmental, 229, 63-70. 4) Souza, F.L., Saéz, C., Lanza, M.R.V., Cañizares, P., Rodrigo, M.A. Is it worth the use of bipolar electrodes in electrolytic wastewater treatment processes? (2015) Chemical Engineering Journal, 264, pp. 310-315. 5) Cano, A., Barrera, C., Cotillas, S., Llanos, J., Cañizares, P., Rodrigo, M.A. Use of DiaCell modules for the electro-disinfection of secondary-treated wastewater with diamond anodes (2016) Chemical Engineering Journal, 306, 15, 433-440.</p>
<p>Prof. Dr. Justo Lobato</p>	<p>He is full professor and the responsible person of the Energy Research Line of the E3L. He has published more than 105 papers in refereed journals.</p> <p>1) Isidro, J., Brackemeyer, D., Sáez, C., Llanos, J., Lobato, J., Cañizares, P., Matthee, T., Rodrigo, M.A Operating the CabECO® membrane electrolytic technology in continuous mode for the direct disinfection of highly fecal-polluted water (2018) Separation and Purification Technology, DOI: 10.1016/j.seppur.2018.04.070. 2) Isidro, J., Llanos, J., Sáez, C., Lobato, J., Cañizares, P., Rodrigo, M.A. Pre-disinfection columns to improve the performance of the direct electro-disinfection of highly faecal-polluted surface water (2018). Journal of Environmental Management, 222, 135-140.</p>
<p>Dr. Cristina Sáez</p>	<p>She was graduated in Chemical Engineering from UCLM 2001 and received her PhD degree in 2004. She is Associate Professor and the responsible person of the Environmental Engineering Research Line of the E3L where she combines fundamental work and consultant collaboration with many companies. More than 150 JCR papers.</p> <p>1) Isidro, J., Brackemeyer, D., Sáez, C., Llanos, J., Lobato, J., Cañizares, P., Matthee, T., Rodrigo, M.A Operating the CabECO® membrane electrolytic technology in continuous mode for the direct disinfection of highly fecal-polluted water (2018) Separation and Purification Technology, DOI: 10.1016/j.seppur.2018.04.070. 2) Isidro, J., Llanos, J., Sáez, C., Lobato, J., Cañizares, P., Rodrigo, M.A. Pre-disinfection columns to improve the performance of the direct electro-disinfection of highly faecal-polluted surface water (2018). Journal of Environmental Management, 222, 135-140. 3) Cotillas, S., Lacasa, E., Sáez, C., Cañizares, P., Rodrigo, M.A. Disinfection of urine by conductive-diamond electrochemical oxidation (2018) Applied Catalysis B:</p>

	Environmental, 229, 63-70. 4) Souza, F.L., Saéz, C., Lanza, M.R.V., Cañizares, P., Rodrigo, M.A. Is it worth the use of bipolar electrodes in electrolytic wastewater treatment processes? (2015) Chemical Engineering Journal, 264, pp. 310-315. 5) Cano, A., Barrera, C., Cotillas, S., Llanos, J., Cañizares, P., Rodrigo, M.A. Use of DiaCell modules for the electro-disinfection of secondary-treated wastewater with diamond anodes (2016) Chemical Engineering Journal, 306, 15, 433-440.
Dr. Javier Llanos	He is Associate Professor. 60 publications in journals indexed in the JCR (H index of 17) and author of more than 90 contributions in congresses. 1) Isidro, J., Brackemeyer, D., Sáez, C., Llanos, J., Lobato, J., Cañizares, P., Matthee, T., Rodrigo, M.A Operating the CabECO® membrane electrolytic technology in continuous mode for the direct disinfection of highly fecal-polluted water (2018) Separation and Purification Technology, DOI: 10.1016/j.seppur.2018.04.070. 2) Isidro, J., Llanos, J., Sáez, C., Lobato, J., Cañizares, P., Rodrigo, M.A. Pre-disinfection columns to improve the performance of the direct electro-disinfection of highly faecal-polluted surface water (2018). Journal of Environmental Management, 222, 135-140.

Please add lines as necessary

Partner number – P17

Affiliated entity YES NO

Organisation name	Association des Chambres d'agriculture de l'Arc Atlantique (AC3A)
Country	France

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>AC3A is an association, its members are the Chambres of Agriculture from the Atlantic Area (Normandie region, Bretagne region, Pays de la Loire region and the Nouvelle Aquitaine region). AC3A deals mainly with agricultural issues and challenges facing the Atlantic regions (in France and beyond its borders). AC3A shares savoir-faire developed within the Chambres with partners from elsewhere. In order to do this, AC3A carries out activities such as:</p> <ul style="list-style-type: none"> ● Participating in local development initiatives with local authorities and VSEs & SMEs ● Developing training content for farmers and farming advisers ● Implementing new processes with Research and Universities for agriculture European cooperation is central to the majority of AC3A's activities. <p>Since 1998, AC3A has led 25 European-funded projects mainly as lead partner. Agriculture was a founding element of the European Union. The Common Agricultural Policy (CAP) has accompanied the development of European agriculture to a point where it produces enough food for its population, where its farmers now have an income which is equivalent to other professional categories and where its agricultural and food industry can play an influential role globally. AC3A works as part of this commitment, along with the other Atlantic organisations, to maintain a strong, competitive, sustainable and innovative Atlantic agriculture.</p>

Furthermore, AC3A is a member of the EIP-AGRI consortium. One of the major aims of the EIP-AGRI Partnership is to contribute to the dissemination of new as well as already existing knowledges regarding important innovations in the area of agriculture.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

AC3A is an interface between research, new practices, new tools development, with different providers and final users. The strategy used by AC3A is based on “learning by doing” in bottom up processing. The training knowledge transfer, data base access, are carried on by adapted skills, involving training centers, demonstration farm, transfer group, knowledge platform, Universities and Training engineer organisation (Sup-AGRO, VET-AGRO, Ministry of agriculture).

The target populations: farmers (100 000 for AC3A), advisors (1000 for AC3A), students and future farmers (~1000/year for AC3A area) have progressing needs. Our role is to propose to the training centers adapted skills and training content to accompany the structural change in farming.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

AC3A will contribute to the operational and financial management of the project mainly working on WP 2, WP 3, and WP 4. It will work on the establishment of a strategy for the project and will participate to the dissemination activities. AC3A will be the task leader of T2.1 - Analysis of skill gaps and new profiles creation.

Contribution on work packages:

WP 1 - Skills needs identification: 35 Days

WP 2 - Priorities and strategy design: 128 Days

WP 3 - New tools and training design: 65 Days

WP 4 - Implementation and pilots: 160 Days

WP 5 - Sustainable action plan: 40 Days

WP 6 - Quality assessment: 18 Days

WP 7 - Engagement and dissemination: 27 Days

WP 8 - Project management: 50 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Mr. Pascal DAGRON	Mr. Pascal Dagron holds a Degree in Economy and Biology and has been working since 1993 as Project Manager at the Association des Chambres d’Agriculture de l’Arc Atlantique (AC3A, Association of Chambers of the Agriculture from the Atlantic Arc region - established in 1993). AC3A has been managing several Eu-funded projects including projects focused on agriculture sustainability such as FOOD HEROES, or Carbon Connect, but also projects focused on Digital technologies data and AI : FAIR SHARE, ERASMUS+ SFATE and finally projects focused on bio-economy and circular economy such as BIOBASE4SME or BIOREGIO.

	In addition, Mr. Dagrón has expertise on international cooperation and together with the permanent staff of AC3A carry out the day to day activities of project management and administration, international partnership coordination, coordination of Chamber representatives, organisation of events and meetings, communication, etc.
Mrs. Romy SCHLINGER	Mrs. Romy Schlinger, currently intern at AC3A, prepares a Master Degree in cross border management (in German and English) at the University Montaigne of the city of Bordeaux.

Partner number – P18

Affiliated entity YES NO

Organisation name	Spanish food and drink industries federation (FIAB)
Country	Spain

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>The Spanish Food and Drink Federation (FIAB) were established in 1977 to represent the Spanish food and beverage industry through a single body and one voice. Its main activity is to inform the sector of the main developments that may affect its operation and competitiveness. It also represents its interests in different government and decision-makers, both nationally and at the European and international scope. Currently it encompasses 46 associations and 5,000 companies. FIAB is member of FoodDrinkEurope promoting its members' interests in areas such as food safety and science, nutrition and health, consumer trust and choice, competitiveness and environmental sustainability.</p> <p>RDI FIAB department leads Spanish Technological Platform Food for Life – Spain with 11 working groups, including among others: Training and Technological Transfer, Quality Production and Sustainability, Food Safety, Foods and Consumer, Food and Health; being an open platform where all food chain stakeholders participate (universities, research centers, associations, clusters, SMES, other experts). Food for Life-Spain has also different working groups with other national platforms as the Circular Economy one.</p> <p>FIAB RDI manager belongs to the European Bioeconomy stakeholders panel.</p> <p>RDI FIAB department attends national platforms Food for Life meetings sharing with its members ongoing works, goals and results of projects; as well as Science, Research and Development meetings group at FoodDrinkEurope in Brussels, participating also in European Bioeconomy Panel</p> <p>RDI FIAB department organises an annual innovation congress in Madrid ALIBETOPIAS with projects corners and innovation congress with projects presentations and corners too, each 2 years in Alimentaria Barcelona Fair, ALIBER.</p> <p>RDI FIAB department organises annual Ecotrophelia national students' competition and collaborates and participates in European context. Competition of ecoinnovation in food products.</p> <p>RDI FIAB department has the expertise in working in projects focussing sustainability of the agroindustry preparing Spanish situation mappings, contacting with agro food stakeholders, promoting goals and results of the projects, organising workshops and training courses; being in permanent contact with policy makers of different Ministries mainly Ministry of Agriculture, Fish and Food, the new Ministry of Environment (Ministry for Ecological Transition), and governmental research financing institutions like CDTI.</p>
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Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

EU or national organisations representing industry, small and medium-sized enterprises, relevant sectoral organisations. It also represents its interests in different government and decision-makers, both nationally and at the European and international scope. Currently it encompasses 46 associations and 5,000 companies.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

FIAB will participate in the working groups of the project, actively in mapping Spanish situation related to training focused by this proposal, funding opportunities and regulatory frameworks. FIAB will feed the stakeholders list and focus group thanks to its direct work with all food chain including agro sector having contact with all cooperatives and stakeholders related. FIAB will give its feedback to the training methodology and courses contents. FIAB will actively participate in all communication activities, being experts in dissemination plans and strategies, experts in using all social networks, able to lead online and offline communication works, and being experts in the organization of workshops and trainings.

FIAB will be the task leader of T7.2 - Communication and dissemination campaign.

Contribution on work packages:

WP 1 - Skills needs identification: 55 Days

WP 2 - Priorities and strategy design: 30 Days

WP 3 - New tools and training design: 58 Days

WP 4 - Implementation and pilots: 50 Days

WP 5 - Sustainable action plan: 55 Days

WP 7 - Engagement and dissemination: 173 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
NURIA MARÍA ARRIBAS	RDI Department Manager - Food For Life–Spain Technological Platform, General Secretary. Member of the European Bio-economy Panel. Expertise in European and national Projects, being her main activities the promotion and contact with stakeholders among own functions of the department's management.
CONCHA ÁVILA	RDI Department - European Projects Manager - Expert in European Programs: H2020, IEE (energy), CIF (Eco-innovation) LIFE, INTERREG MED, INTERREG SUDOE, ERASMUS+ Managing all projects technical and financial tasks in which FIAB is involved.
MARÍA GARCÍA ADÁN	RDI Department technician
MARÍA ISABEL ÁLVAREZ	Communication Department Technician

PAULA CINTO	Competitiveness and Sustainability Department Technician
NELLY GONZÁLEZ	Financial Department Manager

Please add lines as necessary

Partner number – P19

Affiliated entity YES NO

Organisation name	FoodDrink Europe (FDE)
Country	Belgium

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

FoodDrinkEurope is the organisation representing Europe's food and drink industry – the largest manufacturing sector in the EU in terms of turnover, employment and value added. FoodDrinkEurope works with European and international institutions in order to contribute to the development of a legislative and economic framework addressing the competitiveness of industry, food quality and safety, consumer protection and respect for the environment. FoodDrinkEurope's membership consists of 25 national federations, including 2 observers, 27 European sector associations and 20 major food and drink companies. FoodDrinkEurope is also the coordinator of the European Technology Platform (ETP) 'Food for Life', a forum that brings together academia, industry and research organisations to identify the main strategic research priorities for the sector. In addition to the experience and added value of the key personnel, the project will also profit from the participation of FoodDrinkEurope as organisation. As the confederation of the European food and drink industry, it can work as a facilitator for bidirectional communication. (<https://www.fooddrinkeurope.eu/>).

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

FoodDrinkEurope links skills required by industry with academia. One of the activities included in our working groups includes the social engagement, where the discussions focuses on the skills required for the industry, there we communicate with the Human Resources managers and representatives of key stakeholders. Also, the R&D projects in which FoodDrinkEurope participates, such as Askfood, provides deep insights on the management of skills from Start Ups, SMEs and big corporations. Finally, the ETP Food for Life combines inputs from academic partners as well as industrial key R&D directors, the education as a strategic milestone is reflected in the Action Implementation Plan of the ETP (<http://etp.fooddrinkeurope.eu/>).

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

FoodDrinkEurope will be actively involved on the proactive engagement, reviewing and constructing the contents. Particularly, FDE will be involved in the WPs 1, 2, and 5.

Contribution on work packages:

WP 1 - Skills needs identification: 45 Days

WP 2 - Priorities and strategy design: 40 Days

WP 4 - Implementation and pilots: 10 Days

WP 5 - Sustainable action plan: 72 Days

WP 7 - Engagement and dissemination: 35 Days

WP 8 - Project management: 48 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

NB: Please note that the first key staff to be listed under PI should be the Project coordinator (also called 'Project manager' and 'Contact person' in section A.2 of the eForm). The coordinator will have the responsibility to ensure that the project is implemented in accordance with the selected application. Its coordination will include the following duties:

- Be the single point of contact of the Agency for all communications on the project;
- Coordinate the work of the consortium in line with the workplan;
- Monitor that the action is implemented in accordance with the EU grant agreement.

This person must have all the necessary professional experience and competencies to carry out the coordination of the project. Please provide detailed information.

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Rebeca Fernandez (PhD)	Dr. Rebeca Fernández (female) is Director of Food Policy, Science and R&D at FoodDrinkEurope. She holds a PhD in Biology from the University of Oviedo.
Jonas Lazaro-Mojica (PhD)	Dr. Jonas Lazaro Mojica (male) is Manager in Food Policy, Science and R&D at FoodDrinkEurope. He also works as secretariat for the Platform Food For Life. He has more than 10 years of experience working in the private industry in R&D and innovation. He holds a PhD in Food Chemistry from University of Leeds.

Please add lines as necessary

Partner number – P20

Affiliated entity YES NO

Organisation name	Spanish Federation of Irrigators Communities (FENACORE)
Country	Spain

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

Description of the legal entity:

The National Federation of the Irrigators Communities in Spain (FENACORE) is a non-profitable association, founded in 1955, which gathers organizations dedicated to water management for irrigation from surface or groundwater, with the aim of combining efforts and willingness to defend their legitimate interests and rights of water use. Nowadays, there are around 2 million hectares of Irrigators Communities, which means more than the 80% of the national irrigated land managed by water associations. FENACORE works closely with Ministry of Agriculture, Food and Environment. In the international framework, FENACORE is a founding member of the Euro-Mediterranean Irrigators Community (EIC), representing in Brussels to all member countries.

The main objectives of FENACORE are the following:

- > Represent their members before the State and other Authorities in all their interests and rights.
- > Common defense in the subjects of general interest for Irrigators Communities and Spanish irrigation
- > **Legal, technical and practical advice to Irrigators Communities members**
- > Presence of irrigation before public opinion
- > **Information through Circulars on topics of interest**
- > **Participation in projects in order to promote R & D**

Raise awareness and sensitize society on the positive effects of irrigation.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

FENACORE is a Spanish organization representing the interests of the agricultural irrigation sector. Therefore, it could be included as a sectoral organization /networks.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

FENACORE will contribute to the operational and financial management of the project mainly working on WP 1, WP 2, WP 3 and WP 5.

Contribution on work packages:

- WP 1 - Skills needs identification: 63 Days
- WP 2 - Priorities and strategy design: 74 Days
- WP 3 - New tools and training design: 83 Days
- WP 4 - Implementation and pilots: 28 Days
- WP 5 - Sustainable action plan: 50 Days
- WP 7 - Engagement and dissemination: 40 Days
- WP 8 - Project management: 35 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

*NB: Please note that the first key staff to be listed under **PI** should be the Project coordinator (also called 'Project*

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
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Margarita MARTINEZ MOLINA	<p>Head office, she has graduated in law and has almost 30 years' experience working at FENACORE & EIC. Among the tasks performed are:</p> <ul style="list-style-type: none"> ● Administrative management: incomes and payments, meetings holdings, writing minutes and reports, circulars drafting, etc. ● Dissemination activities in several EU projects: WEAM4i, OPIRIS, SIRRIMED, MASLOWATEN, LIFE IRRIMAN, GRECO ● Advice to the Irrigators Communities associated in legal and administrative issues. ● Organization of courses specifically aimed at users irrigators ● Writing of publications. ● Organization of conferences and seminars, both national and international, on all issues related to water for irrigation
David HERNANDEZ GOMEZ	<p>He is leader of the technical department and has 12 years' experience working at FENACORE & EIC. Among the tasks performed are:</p> <ul style="list-style-type: none"> ● Representing EIC at EU level in Brussels (Belgium) for the Common Implementation Strategy of the Water Framework Directive in all Members States ● Coordination and dissemination activities in several EU projects: WEAM4i, OPIRIS, SIRRIMED, MASLOWATEN, LIFE IRRIMAN, GRECO ● Advice to the Irrigators Communities associated in technical issues. ● Organization of courses specifically aimed at users irrigators ● Organization of conferences and seminars, both national and international, on all issues related to water for irrigation. ● Attention to foreign delegations, participating as speakers at conferences on the Irrigators Communities.
Ignacio BERDUGO	<p>He is graduated in communication and international relations and works in the communication department. He has 3 years of experience at EIC and FENACORE. He is team leader of the EU MASLOWATEN project. His main tasks are:</p> <ul style="list-style-type: none"> ● Project Web site creation ● Market uptake: Validation of long-term viability of first application systems ● Market replication: economic and social tools for the exploitation of the results ● Market uptake: Dissemination among final users for the market uptake ● Enhancement of the exploitation of the results among Irrigators Communities ● Dissemination using modern technologies through a website and internet tools (Facebook, Instagram, Twitter...) ● Coordination of the commercial & marketing plan and communication activities
Amalia DE MESA	<p>She works in the administrative department and has 15 years of experience at FENACORE. Her tasks are:</p> <ul style="list-style-type: none"> ● Coordination and edition of Spanish irrigation newsletter (quarterly) and other publications. ● Dissemination activities in several EU projects: WEAM4i, OPIRIS, SIRRIMED, MASLOWATEN, LIFE IRRIMAN, GRECO ● Logistical organization of events and technical visits. ● Coordination and marketing tasks with companies for Congress and Technical Conference. ● Works Secretary

Partner number – P21

Affiliated entity YES NO

Organisation name	INFOR ELEA (INFOR)
Country	Italy

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

INFOR ELEA is a consortium of 250 companies and it is a merger of two big training companies: INFOR established in 1994 and ELEA founded in 1979 by the OLIVETTI Group. It is made up by a group of both public and private institutional and economic partners, included the Scuola di Management e Economia (School of Management and Economy) – University of Turin.

INFOR ELEA headquarter is situated in San Secondo di Pinerolo, near Turin, with several offices spread across in Piedmont Regione and Italy: Torino, Rome, Florence, Asti, Alessandria, Cuneo and Pinerolo.

INFOR ELEA is officially recognised as a training centre by the local authority Regione Piemonte and it is considered as an Italian leader for what concern training activity as a support for technological, organisational, cultural and behavioral change management of companies. Thanks to its link with the academic world, it is able to link on the one hand the rising trends on management theories and on the other hand the requirements and experience of entrepreneurs. Since 1994, INFOR ELEA has been meeting the training needs of entrepreneurs, employees and students supporting them to keep themselves competitive in business and in the labour market and providing a large number and kind of activities. Training issues cover a wide spectrum of activities: administration, finance, auditing, human resources management, communication and leadership, marketing, sell, personal and individual skill, ICT, internet.

INFOR ELEA designs, realises and evaluates managerial training, lifelong learning training, academic masters, e-learning, apprenticeships training, transnational mobility projects for unemployed people, study visits for transnational entrepreneurs/employees/unemployed people. Furthermore, it carries and carried out activities and projects financed by European Social Fund, Interreg II, Lifelog Learning Programme, Inter-professional funds, National and Local Authorities public financial resources.

Together with academic partners, INFOR ELEA is also involved in developing scientific research, skill exchange and international training activities thanks to its previous experiences on the whole managing (from the designing of the proposal to the financial statement reporting) of transnational projects.

Since 2002 INFOR ELEA has been awarded the certifications of UNI EN ISO 9001 2008 for its project planning and training activities. Some figures: average courses per year=200 and average trainees per year=2500.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

INFOR ELEA is officially recognised as a training centre by the local authority Regione Piemonte and it is considered as an Italian leader for what concern training activity as a support for technological, organisational, cultural and behavioral change management of companies.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

In over 20 years of activities Infor has been involved in different entrepreneurship project, and thanks to its link with the academic world, it is able to link on the one hand the rising trends on management theories and on the other hand the requirements and experience of entrepreneurs.

INFOR will contribute to the operational and financial management of the project mainly working on WP 2, WP 3, WP 4, and WP 6. It will be the task leader of T6.4 - EQAVET assessment.

Contribution on work packages:

WP 1 - Skills needs identification: 15 Days

WP 2 - Priorities and strategy design: 91 Days

WP 3 - New tools and training design: 142 Days

WP 4 - Implementation and pilots: 137 Days

WP 5 - Sustainable action plan: 55 Days

WP 6 - Quality assessment: 90 Days

WP 7 - Engagement and dissemination: 20 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
CARLO COLOMBA	<p>Carlo Colomba is founder and President of INFOR ELEA. Expert on Training and Management, he is also holder and CEO of Selene consulting srl, a company specialized in European projects and programs. Former Director of the MBA course at University of Turin (1995/1999). Since 2011 to 2013 he was Chair of Business and Economic Science Department and Professor of sustainable Entrepreneurship at St. John International University – Vinovo (TO) Italy.</p> <p>Expert in international training projects, consultant on projects financed by The World Bank and European Social Found.</p> <p>Excellent skills in fund raising and project management and in project auditing.</p>
ERICA GIORDANO	<p>European Project manager, she has working as European and National Project Manager for almost 20 years and she was directly involved in the managing Planning, managing and reporting of national and transnational projects funded by regional, national and EU Funds.</p> <p>Teacher in the fields of Marketing, Communications, Sales Techniques and Behaviours within courses for Trainees and for unemployed people. Teachings for Structural Funds and Regional Policies in the European Union</p> <p>Consultant for planning, management, coordination e monitoring of projects supported by UE, Ministry, Piedmont Region on behalf of public authorities, no-profit authorities, private companies of local development, tourism and environment</p>
GIUSEPPE VANELLA	<p>Ph.D in Agriculture Science, he has implemented strategical plan for the improvement of agricultural sustainability during his academic activity.</p> <p>He has been consultant for the Ministry of Environment, land and sea on the depletion of environmental harmful substances used in agriculture.</p> <p>Expert in business start-up he is involved in the definition of vocational training course on Entrepreneurship and Citizenship & Sustainable Business development in several Erasmus+ funded program.</p>

Partner number – P22

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Affiliated entity YES NO

Organisation name	FEDERATION OF HELLENIC FOOD INDUSTRIES (SEVT)
Country	Greece

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

SEVT is the official body representing the Hellenic Food and Drink Industries at National, European and International level. SEVT membership is made up of Branch Associations and individual food companies. The main priorities safeguarded by SEVT include food safety and quality, nutrition and health, consumers' trust, competitiveness, research and development, innovation and environmental sustainability.

SEVT operates in close collaboration with its members, as an active, committed and responsible partner. It aims to increase the recognition of its key role for the food industry, through the promotion of its cultural and social values, as well as its wealth, diversity and traditions. By combining the Greek food sector heritage with innovation for the future, SEVT and its members aim to strengthen the industry's competitive advantage in satisfying consumers' needs by producing safe, affordable, healthy and sustainable products.

In the framework of the European Technological Platform 'Food for Life' (ETP) SEVT has established the Greek TP 'Food for Life' and it is a very active member of the network of the National TP 'Food for Life' (NFTPs). The Greek platform has built a very strong network consisting of food companies, universities, research centres, public funding bodies, food authorities, consumer's organizations and technological institutes. SEVT is one of the founding members of the SPES EEIG (European Economic Interest Grouping known as "Spread European Safety EEIG) and the ECOTROPHELIA EEIG. The SPES Groupings is composed by 10 National Food Federations and it purposes to facilitate the promotion and execution on a European Union level of studies and research concerning the safety and the quality of food. The ECOTROPHELIA EEIG purpose is to facilitate and develop activities for the promotion of innovation in the food industry. SEVT is also member of FOODDRINKEUROPE.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

Companies, industry or sector representatives (trade associations).
EU or national organisations representing industry, small and medium-sized enterprises, relevant sectoral organisations.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

SEVT will contribute to the operational and financial management of the project mainly working on WP 1, and WP 5. Having the experience of participation in 20+ projects will exploit the networks of its companies and of the Hellenic Technology Platform "Food for Life for the identification of the skill needs in the agri-food sector concerning the bio-economy, new technologies & innovation. This activities will also be supported by SEVT participation to other ERASMUS+ projects (RESKILL, FRESH, EU-FOOD-STA, ASKFOOD) as well from the participation to the National Action "Training and certification of knowledge and skills of employees of the Agri-Food Industry". SEVT will also contribute to the dissemination and communication of the project results and the raising of the awareness using its communication channels. SEVT, has considerable experience in project management, since has participated in other projects as a WP leader, task leader or partner.

Contribution on work packages:
 WP 1 - Skills needs identification: 60 Days
 WP 2 - Priorities and strategy design: 31 Days
 WP 3 - New tools and training design: 20 Days
 WP 4 - Implementation and pilots: 35 Days
 WP 5 - Sustainable action plan: 100 Days
 WP 7 - Engagement and dissemination: 40 Days
 WP 8 - Project management: 55 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

NB: Please note that the first key staff to be listed under PI should be the Project coordinator (also called 'Project manager' and 'Contact person' in section A.2 of the eForm). The coordinator will have the responsibility to ensure that the project is implemented in accordance with the selected application. Its coordination will include the following duties:

- Be the single point of contact of the Agency for all communications on the project;
- Coordinate the work of the consortium in line with the workplan;
- Monitor that the action is implemented in accordance with the EU grant agreement.

This person must have all the necessary professional experience and competencies to carry out the coordination of the project. Please provide detailed information.

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Vasso Papadimitriou (female Msc. of Laws),	She is the Director General of SEVT. She is a graduate of the Law School of Aristotle University of Thessaloniki and has a Master of Laws (LLM) in European Law from the London School of Economics and Political Science (LSE). She is a member of the Board of Directors and of the Scientific Committee of SEVT and member of the Board of the Hellenic Technology Platform "Food for Life. She is also member of the Directors General Council of FoodDrinkEurope (European Food & Drink Federation). She has actively participated and represents SEVT in the consortium of 12 European Food Associations SPES GEIE and she has a vast experience in European and national projects. At the project she will be responsible for the overall management of it, the Industry Challenges and Audit2Reward Programme Requirements and the Policy Recommendations and EASY Audit2Reward Exploitation Plan.
Fotini Salta (female PhD),	She is the Techno Scientific Expert of SEVT. She is a Chemist with a PhD in Food Chemistry and Nutrition and a MSc in Environmental Chemistry. She has research and teaching experience in food Science and Nutrition. She joined SEVT, in 2006, and her work is related to knowledge transfer, capacity building, innovation exploitation and SME / researchers-oriented support activities. In SEVT group, she is responsible for the European, regional and national funded projects and for the coordination activities of the National Technology Platform "Food for Life". She is also member of the Research Expert Group of FoodDrinkEurope (European Food & Drink Federation). At the project she will be responsible for the Capacity Building paths for Industrial SME and Large Industries, the EASY Audit2Reward: Implementation and validation and the EASY Audit2Reward: Designing an European EE Seal of Excellence and she will contribute on the Industry Challenges and Audit2Reward Programme Requirements, the Policy Recommendations and EASY Audit2Reward Exploitation Plan and the Dissemination activities.
Sofia Savvopoulou (female Bsc.)	She is the Communication Manager of SEVT. She is graduate of the National Kapodistrian University of Athens, having studied Political Sciences & Public

	Administration, with specialization in European Studies. She has a long experience within the food sector, having worked for 19 years for Nestle Hellas S.A. At the project she will be responsible for the dissemination and communication activities.
Kalliope Palivou (female)	She is the Account Manager of SEVT and she will be responsible for the financial management of the project.

Partner number – P23

Affiliated entity YES NO

Organisation name	Lifelong Learning Platform (LLL-P)
Country	Belgium

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

The Lifelong Learning Platform (formerly EUCIS-LLL) was created in 2005 and gathers today 43 European networks working in education, training and youth. These organisations represent millions of actors across Europe & cover all sectors of education & training including networks for secondary and higher education, VET, adult education and popular education; networks for students, school heads, parents, HRD professionals, teachers and trainers. LLLP was acknowledged by the European Commission in 2009 as a “unique representation” of lifelong learning of the various education & training actors organised at EU level. It receives an operational support from the EU under the LLP and Erasmus+ programmes since 2010.

LLLP works to build a citizen’s voice on lifelong learning issues and to propose innovative solutions drawing upon the knowledge of its member networks. It is committed to promote equity, social cohesion and active citizenship within education and training systems in Europe. To achieve those goals, LLLP enables exchanges of good practices, experiences and expertise and therefore has a long history in enabling mutual learning between stakeholders of all kinds, among which policy-makers. One of LLLP’s main activities is also to monitor and disseminate information on EU policy developments on lifelong learning and pursues an active dialogue with the European institutions. LLLP is indeed a key partner of the European Commission, notably through the co-organisation of the European Stakeholders’ Forums since 2008 and the European Education, Training and Youth Forum since 2012 (a key event feeding in the European Semester cycle and the ET2020 Strategic Framework). It also participates in several expert groups from the European Commission (thematic working groups, EQF advisory group), the European Parliament (LLL interest group) and the EESC (Liaison Group with organised civil society).

LLLP has become a pioneer in awareness-raising activities supporting national and transnational debates and dialogue on the ET2020 strategy and the European Semester at national and local levels that were identified as the missing links during the DG EAC and LLLP European Stakeholders’ Forums. Based on its considerable network, previous involvement and experience, LLLP has the capacity to greatly contribute to the dissemination of project results at the European level. It has extensive experience of advocacy campaigning at the EU and national level (writing position papers, organising awareness raising events, launching campaigns). It liaises with representatives of the EU institutions, including of Member States, in a daily basis through the participation in EU expert groups, EU level conferences and advocacy meetings (i.e. LLL interest group in the European Parliament). LLL-P is ruled by a Steering Committee of 9 members & managed by a Secretariat of 6 people. Within the Secretariat all staff members are experienced in EU funding, project management and communication.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

AISBL (International Association without lucrative purpose). LLL-P was created in 2005 and gathers today 43 European networks working in education, training and youth.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

LLL-P will contribute to the operational and financial management of the project mainly working on WP 1, WP 2, and WP 5. It will be the task leader of T1.2 - Stakeholders strategical mapping and mobilisation, T2.5 - Transferability framework and T5.2 - Funding opportunities.

Contribution on work packages:

WP 1 - Skills needs identification: 108 Days

WP 2 - Priorities and strategy design: 75 Days

WP 3 - New tools and training design: 10 Days

WP 4 - Implementation and pilots: 18 Days

WP 5 - Sustainable action plan: 93 Days

WP 7 - Engagement and dissemination: 27 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Brikena Xhomaqi	is the current Director of the Lifelong Learning Platform (LLL) and Steering Committee member of the Civil Society Europe. She is the former Head of Office of the European Students' Union (ESU) and Director of the Erasmus Student Network (ESN), in charge of overall management and responsible for EU funded project in particular focusing on the dissemination, impact and sustainability. A few of the most successful EU projects among others she was involved were SocialErasmus, Erasmus+ Impact Study and Financing of Student's Future. She was elected representative of the European Student's Union, member of International Education Committee of the Erasmus Student Network, as well as member of the Research Working Group of the ESAA Erasmus+ Student and Alumni Association. She has been the research team member and manager of multiple EU funded projects for LLL, ESN, ESU, IGP, The Class of 2020, Uniplaces and EUA related to learning mobility, higher education financing and employability among others. She has an experience of more than 10 years in education and non-profit sector at local, national and international level from a volunteer to a management perspective. She graduated in Innovative Project Management at the Polytechnic University of Nice Sophia Antipolis and holds a professional Master Degree in Corporate Strategy and International Development and bachelor in Political Sciences.
Ulla-Alexandra Mattl	is Programme and Partnerships Manager at the Lifelong Learning Platform and leads on all EU projects LLLP is involved in (most recently InnoVal, DIGIT and COMANITY) as well as on the preparation of proposals and project reports. She is also responsible for developing partnerships and improving cooperation within and outside the LLLP

	<p>membership. Ulla has managed several European projects within the Lifelong Learning Programme and has been involved in work packages with an emphasis on dissemination, exploitation and quality assurance activities. She has been working as an EU Affairs Consultant in the higher education sector and previously for EUNIC (European Union Institutes for Culture), for the Konrad-Adenauer Foundation, as well as a consultant for several Media companies in London. Ulla holds an MA in Cultural Policy and Management from City University in London and an MA in French and Finno-Ugric Studies from the University of Vienna.</p>
Pauline Boivin	<p>is Project and Policy Officer at the Lifelong Learning Platform. She is in charge of supporting the writing and the management of EU projects, and of making the link between projects and EU policies. She is responsible for monitoring and analysing EU policy developments in the field of education and training and supporting outreach to the EU institutions to communicate the messages and recommendations of LLLP's members. She has a multidisciplinary and international background coming from both studies and work experience. She has developed research and project management competences in the NGO sector and successfully designed the project COOPilot on entrepreneurship education (http://www.coopilot-project.eu/). She is currently the main contributor to LLLP's outputs and activities in EU projects (InnoVal, DIGIT, COMANITY), such as preparing the dissemination and exploitation strategy, the reports and the organisation of events. She also had the opportunity to work with diverse stakeholders thanks to her experiences in an SME (event organisation) and at SNCF (public affairs). Pauline holds a Master's degree in European Affairs from the Institute of Political Science in France.</p>

Partner number – P24

Affiliated entity YES NO

Organisation name	Association Nationale des Industries Alimentaires (ANIA)
Country	France

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>ANIA is the official representative of the french food sector and is active on different issues: social, economy, environment, food quality and safety; science, promotion.</p> <p>Association Nationale des Industries Alimentaires (ANIA) was established in Paris in 1968 with the aim to promoting the interests of the food processing sector, and its 12 500 companies, of which 97% are SMEs. The activities and themes that ANIA works on include social affairs, education and professional training, economics and export, commercial relations, nutrition and health, food safety and quality, sustainable development, and research and innovation. ANIA serves as a link between food processing professionals and other related professionals, and public authorities.</p>

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

ANIA legal form is a non-profit association, according to the French “Association Loi 1901” rules. It counts among its members 22 sectoral food processing federations and 22 regional food processing associations, and their members, French food and drink companies. ANIA aim is to develop the sector economically.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

ANIA will contribute to the operational and financial management of the project mainly working on WP 1 and WP 2. It will be involved specifically in the identification of companies and collaborators needs in terms of skills and on strategy design.

Contribution on work packages:

WP 1 - Skills needs identification: 55 Days

WP 2 - Priorities and strategy design: 50 Days

WP 3 - New tools and training design: 18 Days

WP 4 - Implementation and pilots: 15 Days

WP 5 - Sustainable action plan: 32 Days

WP 7 - Engagement and dissemination: 12 Days

WP 8 - Project management: 65 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Françoise GORGA	<p>Research & Innovation Director</p> <p>Within the Food-Health team, Françoise Gorga's mission is to coordinate ANIA actions to promote R & I in the agri-food sector: agribusiness industrial plan, strategic committee of the food chain, Food For Life France platform, collaborative projects of R & I ...</p> <p>Previously, she held a regulatory position for 4 years on the topic food quality / safety, still within ANIA.</p> <p>Françoise Gorga is the co-chair of the "Food for the Future" of the French Food and Health Fund and the "Innovation and Industrial Performance" of the GFI.</p>
Laura Marley	<p>Head of Innovation and European Public Affairs</p> <p>As part of the ANIA Food and Health team, Laura Marley's mission is to set up and manage collaborative European and French research and food development projects, and to disseminate the results. These projects involve industry, researchers and higher education and focus on the areas of nutrition / health, quality / safety, and sustainable development.</p> <p>Specialized in engineering and European public policy, she has previously worked in the public sector in France and Brussels, on issues concerning the Common Agricultural Policy, as well as in the Directorate General Health of the European Commission.</p> <p>At ANIA, she has also been working since the beginning of 2015 on European Public Affairs in collaboration with Alexis Degouy, Director of Public Affairs at ANIA.</p>

Partner number – P25

Affiliated entity YES NO

Organisation name	European Technology Platform “Plants for the Future” (Plant ETP)
Country	Belgium

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

The European Technology Platform ‘Plants for the Future’ (Plant ETP) is a stakeholder forum for the plant sector that brings together members from industry, academia and the farming community. Representing the whole plant innovation chain from fundamental research to crop production and food processing, Plant ETP is committed to stimulating research and innovation in plant science and agriculture to the benefit of the growers and the final consumers.

Plant ETP identifies opportunities and change drivers with cross-value chain reach, develops common understanding and a forward look among actors in the Ag Value Chain. The basis for the Plant ETP activities are laid down in three action plans based on the pillars of innovation, research and education, to deliver a sustainable supply of food, feed and renewable biomass. Each action plan is part of an integrated strategy that seeks to nurture research and innovation potential and ensure societal mechanisms are in place to implement improvements and develop new knowledge. Within the Education Action Plan, Plant ETP identified key actions to educate and train the next generation, which are important for the future workforce in the plant sector and essential for sustainability of the flow of innovation to the market.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

The European Technology Platform ‘Plants for the Future’ (Plant ETP) is a stakeholder forum for the plant sector that brings together members from industry, academia and the farming community. The industrial sector is represented by the European Seed Association (ESA) which represents itself the totality of the European seed industry (more than 7,000 companies, 90% of which are SMEs) active in research, breeding, production and seed marketing. A number of individual companies are also direct members of Plant ETP. The academic sector is represented by the European Plant Science Organisation (EPSO), an independent academic organisation with over 220 research institutes and universities as institutional members and 3,300 Personal Members, representing over 27,000 people working in plant science. The farming sector is represented by Copa-Cogeca, the European organisation for farmers and their cooperatives. Copa represents over 13 million farmers whilst Cogeca represents the interests of 38,000 agricultural cooperatives.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

Plant ETP will contribute to the operational and financial management of the project mainly working on WP 1, WP 2 and WP 7. It will be involved for its digital infrastructure through its website, social media profile and contact/ mailing lists, which will allow for effective communication and awareness raising.

Contribution on work packages:

WP 1 - Skills needs identification: 40 Days

WP 2 - Priorities and strategy design: 23 Days

WP 4 - Implementation and pilots: 19 Days

WP 7 - Engagement and dissemination: 38 Days
 WP 8 - Project management: 36 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Aleksandra Małyska	Executive Manager of the Plant ETP. Previously, she was a scientist based at the Institute of Bioorganic Chemistry Polish Academy of Sciences, having obtained her Ph.D. in biotechnology from the Lodz University of Technology in October 2014. In 2015 she worked with the Synthetic Biology Policy group of the Program on Emerging Technologies at the Massachusetts Institute of Technology as postdoctoral researcher.
Marc Cornelissen	Chair of the Plant ETP Board of Directors, works for BASF since 2018, previously in Bayer Crop Science, where he headed until 2014 the global BioScience Research Operations, and participated to several strategic projects to develop new seed businesses as well as “new business ventures beyond the farm gate”.
Relevant publications	<p>Małyska A, Jacobi J (2018) Plant breeding as the cornerstone of a sustainable bioeconomy. <i>New Biotech.</i> 40:129-132</p> <p>Steffen Noleppa (2016) The economic, social and environmental value of plant breeding in the European Union. An ex post evaluation and ex ante assessment (Plant ETP commissioned this study)</p> <p>European Technology Platform Plants for the Future (2015) Building Sustainable Innovation Leadership in European Agriculture – Innovation Action Plan to 2020</p> <p>European Technology Platform Plants for the Future (2015) Boosting Research for a Sustainable Bioeconomy – A Research Action Plan to 2020</p> <p>Educating and Training the next Generation – An Education Action Plan to 2020</p>
Relevant projects	<p>CropBooster-P (2018- 2021): “Preparatory action to Boost Global Crop Yield for Food & Nutrition Security and to Fuel a Bioeconomy; CSA H2020</p> <p>BECOTEPS (2009-2011): ‘The European Bioeconomy in 2030 – Delivering Sustainable Growth by addressing the Grand Societal Challenges’ - Joint CSA of the 9 ETPs in bioeconomy</p> <p>Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE JPI) and provides strategic input and recommendations, Plant ETP is member the Stakeholder Advisory Board</p> <p>Joint Programming Initiative Healthy Diet for a Healthy (HDHL JPI) and provides strategic input and recommendations,</p> <p>FP7 project - WHEALBI “Wheat and barley Legacy for Breeding Improvement” (2014 –2017), Plant ETP was member the Stakeholder Advisory Board</p> <p>FP7 project - LEGATO “Legumes for the Agriculture of Tomorrow” (2014 –2017) Plant ETP, was member of the Stakeholder Advisory Board</p>

Partner number – P26

Affiliated entity YES NO

Organisation name	Engineering for Business (EFB)
Country	Greece

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

Engineers for Business (EfB) provides holistic services and products that link entrepreneurship, engineering and sustainability. It is a dynamically growing company based in Thessaloniki, Greece and operating throughout Europe. EfB's human resources include both business and environmental planners, with extensive experience in operations management (OR) - related services, development of optimization algorithms, innovative ICT applications, decision support systems, and integrated sustainability management. EfB's co-founders and collaborators have significant experience in EU funded projects. EfB builds and promotes multi-disciplinary applications of ICT for interfacing three interrelated pillars of development: (i) Engineering, (ii) Business and (iii) Sustainability.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

As an SME that provides holistic services and products in the field of agri-business and bio-economy, Engineers for Business (EfB) aims to link academic knowledge with applied research and real-world market needs. In the framework of the FIELDS project, the highly skilled company's personnel (which includes both academicians with long experience in training and mentoring, as well as practitioners in the field) will provide education and training services as described in the project proposal.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

EFB will contribute to the operational and financial management of the project mainly working on WP 3 and WP 6. Dr. Charisios Achillas (M) will be appointed as Project Manager on behalf of Engineers for Business. He will be responsible for the smooth realization of the project's tasks, monitoring & controlling the team's work progress, time management and quality management issues, identification and assessment of project risks and establishment of relevant strategies to avoid or mitigate risks, while also be responsible for project reporting. Dr. Achillas will be supported by Mrs. Marina Koutra (F) who will be responsible for the financial management of the project on behalf of EfB.

EFB will be the task leader of T6.3 - External Expert review and T6.2 - Quality assessment

Contribution on work packages:

WP 1 - Skills needs identification: 60 Days

WP 2 - Priorities and strategy design: 49 Days

WP 3 - New tools and training design: 97 Days

WP 4 - Implementation and pilots: 78 Days

WP 6 - Quality assessment: 127 Days

WP 7 - Engagement and dissemination: 37 Days

WP 8 - Project management: 50 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Charisios Achillas	Dr. Charisios Achillas (M) is a Mechanical Engineer with a PhD in Environmental Engineering (Aristotle University Thessaloniki) and an MSc in Engineering Project Management (UMIST). Dr Achillas has been involved in more than 40 research projects, with a budget for the organizations he worked for exceeding 9.5 M€. He is the author of more than 160 articles. His research focuses on environmental management and sustainable development.
Dimitrios Aidonis	Dr. Dimitrios Aidonis (M) is a Mechanical Engineer. He holds an MBA and a PhD in Reverse Logistics Management. His research interests focus on Operations Management and his work deals mainly with Supply Chain and Green Logistics. He has more than 80 publications and has worked in 20 research projects (in 5 as Coordinator).
Marina Koutra	Marina Koutra (F) is a business accountant with long experience in the financial management of EU-funded research projects.

Partner number – P27

Affiliated entity YES NO

Organisation name	Association of ProAgria Centres (PA)
Country	Finland

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

ProAgria is the largest agricultural advisory organisation in Finland, serving members as well as other rural entrepreneurs. ProAgria is a private-public organisation and its advisory services covers the whole Finland. Association of ProAgria Centres is a national central organisation for eleven Rural Advisory Centres and it is responsible for the central strategy for the entire organisation and development of rural business improvement services and related consultation, training and data management. The turnover of the Association of ProAgria Centres is annually around 4 million euros with 28 staff members. All together with the 11 Rural Advisory Centres the turnover is annually around 50 million euros with around 700 staff members. Association of ProAgria Centres belongs to a wider ProAgria Group, which consists of advisory services, animal breeding, artificial insemination and IT.

ProAgria's aim is to improve its clients and partners' competitiveness and profitability while advancing the sustainability and well-being of the countryside. ProAgria treasures its customers' success, increasing competitiveness and co-operation through networking. ProAgria offers added-value services for e.g. dairy-, cattle-, sheep-, crop-, horticulture-, pig- and poultry farms.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

ProAgria is a private-public organization and a sector representative for agricultural advisory, climate smart agriculture, sustainability, digitalization in agriculture and competence development. Association of ProAgria Centres has an own Training Department responsible for the competence development by trainings ad other educational methods for the 11 rural centers and customers. Turnover of the annual trainings is around 0,5 million euros with over 100 live and online trainings.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

The key competencies of the ProAgria advisory services are climate smart agriculture, sustainability, digitalization in agriculture and competence development.
 PA will contribute to the operational and financial management of the project mainly working on WP 1, WP 2, WP 3, WP 4, and WP 5. The main contribution will be in T5.3 - Platform governance, where PA is task leader.
 The ProAgria Training Department will be responsible for the overall operational management of the project. The Financial Management Department (ProEventus) will manage the financial part of the project with wide knowledge of the financial field.

Contribution on work packages:

- WP 1 - Skills needs identification: 115 Days
- WP 2 - Priorities and strategy design: 103 Days
- WP 3 - New tools and training design: 108 Days
- WP 4 - Implementation and pilots: 195 Days
- WP 5 - Sustainable action plan: 83 Days
- WP 6 - Quality assessment: 18 Days
- WP 7 - Engagement and dissemination: 27 Days
- WP 8 - Project management: 80 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Danuta Jaakkola	<p>Danuta Jaakkola is Senior Specialist for HRD and Manager for the ProAgria Training Department. Her key competencies are Strategic Human Resource Development and Competence Management with a passion to manage human resources that supports long-term business goals and outcomes with a strategic framework.</p> <p>Danuta has a wide knowledge in the HRD, HRM and Training processes in an agricultural advising organization. She is an certified analyst of the Insights Discovery analysis, which is a proven methodology that allows businesses to understand the factors driving their workforce.</p> <p>Danuta is a Master of Science (MSc) in Agricultural Economics and Politics and has worked for ProAgria since 2013. Danuta has her background working e.g. for the European Commission and Ministry of Agriculture and Forestry.</p>

Martina Candolin	<p>Martina is a Professional within the digitalization area and she is representing a new upcoming view of data management and digitalization for the agriculture business.</p> <p>Within ProAgria Martina holds a position as Senior Specialist for e-Business development, her main responsible area is to secure the utilization of digitalization for the business.</p> <p>Martina is a Master of Science (MSc) in Economics and she have her background within the international banking industry.</p>
Sari Peltonen	<p>Sari Peltonen is Senior Specialist for Climate Smart Agriculture and Crop business. Sari has PhD in plant pathology and has worked for ProAgria since 2000. Before ProAgria she worked as a research associate in the University of Helsinki where she also held a position of acting professor in plant pathology in 1999. In ProAgria she has worked with developing advisory tools for crop production including environmental issues and the EU regulations. Sari has also acted in numerous projects in plant production and environmental factors.</p> <p>Sari is an author and co-author of numerous publications, which you can find online in Finnish here https://proagriaverkkokauppa.fi/tuote/sari_peltonen/nurmirehujen_tuotanto_ja_kaytto/9789518081992</p> <p>The Finnish Association of Academic Agronomists selected Sari Peltonen as the influencer of the year 2018 in the Finnish agricultural sector.</p>
Tuija Huhtamäki	<p>Tuija Huhtamäki is Senior Specialist for Digital Animal Farming. She has a wide knowledge and interest in Agricultural Digitalisation, IoT in farming, knowledge management, webinars and service design.</p> <p>Tuija is Master of Science (MSc) in Animal Husbandry and has worked for ProAgria since 2010. Before ProAgria Tuija worked for 20 years as a communication manager for a feed company.</p>
Leena Ilvesluoto	<p>Leena Ilvesluoto is Business Director for the Association of ProAgria Centres. Her key competencies are change management, people management, project management, network management and competence management.</p> <p>As a Master of Science (MSc) in Education she has an excellence in leading and coaching talents to reach for their best. Leena has skills for how to train the trainers and motivate people.</p>

Partner number – P28

Affiliated entity YES NO

Organisation name	HBLFA Francisco Josephinum - BLT Wieselburg (FJ-BLT)
Country	Austria

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

The HBLFA Francisco Josephinum (FJ-BLT) in Wieselburg is a Federal Institute of Education and Research governed by the Ministry of Sustainability and Tourism (public entity). Francisco Josephinum is a Research and Testing institute and a Higher Education centre at secondary level (EQR level 5) with in total approximately 210 permanent employees.

The BLT is the research and testing department of Francisco Josephinum and is engaged in the fields of agricultural engineering and process engineering as well as in biomass and renewable energy. BLT employees are nationally and internationally recognized experts and work in testing, standardization and seminars for professional education. Efficient knowledge transfer is guaranteed thanks to close connection with education taking place at Francisco Josephinum.

<https://www.josephinum.at/en/>

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

School/Institute/Educational centre - Vocational training (secondary level)

The HBLFA Francisco Josephinum (FJ-BLT) in Wieselburg is a Federal Institute of Education and Research governed by the Ministry of Sustainability and Tourism (public entity). Francisco Josephinum is a Research and Testing institute and a Higher Education centre at secondary level (EQR level 5) with in total approximately 210 permanent employees.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

FJ-BLT will contribute to the operational and financial management of the project mainly working on WP 1, WP 2, WP 3 and WP 4. HBLFA Francisco Josephinum is integrated in many national and international networks or standardization groups, like e.g. EurAgEng, DLG (DE), VDMA (DE), CEN, OECD and, thus, deeply involved in the technology developments in agriculture.

Contribution on work packages:

WP 1 - Skills needs identification: 105 Days

WP 2 - Priorities and strategy design: 120 Days

WP 3 - New tools and training design: 140 Days

WP 4 - Implementation and pilots: 80 Days

WP 7 - Engagement and dissemination: 30 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
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Addressing the current and Future skill needs for sustainability, digitalization, and the bio-Economy in Agriculture: European skills agenda and Strategy

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Heinrich Prankl	Heinrich Prankl is the Head of Research and Innovation (BLT) and Deputy Director of the HBLFA Francisco Josephinum. Heinrich Prankl is educated in Agricultural Engineering and Electrical Engineering at University of Technology, Vienna; He was Coordinator of many national and international funded projects. Heinrich Prankl is also head of the platform “Digitalization in Agriculture” at the Ministry of Sustainability and Tourism
Franz Handler	Franz Handler is the head of the Department “Process Engineering” at FJ-BLT; Mr Handler is skilled in agriculture at the University of Natural Resources and Life Sciences, Vienna. He was and is project coordinator in numerous national and international projects; Special knowledge is provided in agricultural process technology, precision farming and digitalization.
Dr. Josef Rathbauer	Josef Rathbauer is the head of the Department “Biogenic Raw Materials”. He is skilled in agriculture at the University of Natural Resources and Life Sciences. His fields of expertise are the production and characterization of raw materials, analysis of liquid and solid biofuels as well as the energetic use of biomass. Furthermore he is engaged in national and international standardization issues and gives lectures.

Partner number – P29

Affiliated entity YES NO

Organisation name	European Forum of Technical and Vocational Education and Training (EFVET)
Country	Belgium

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

EfVET, established in 1991, has 179 full members from 26 Erasmus+ Programme countries In the project EfVET will contribute to all WPs and act as multiplier reaching out to all its members. Representatives of EfVET members are already part of EU working groups on ECVET, EQF and in ET2020 on Digitalization and Innovation. The main office is in Brussels. Together with EUproVET, EVTA, EVBB, EUCEN and EURASHE represents VET4EU2 platform of EU-wide VET networks.

Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

EfVET is a leading Europe-wide professional association created by, and for, VET providers. EfVET represents directly the views of its members on VET issues to all the European Union Institutions and Bodies and responds to all appropriate consultation processes by participating in ET2020 working groups and working closely with DG EMPL, DG EAC and DG GROW, CEDEFOP. EfVET Secretariat manages the project implementation and monitoring tasks and provides professional support to the members and TTs coordinators.

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

EfVET will contribute to the operational and financial management of the project mainly working on WP 1, WP 2, and WP 5. For the tasks related to the implementation WPs EfVET will count on involving experts from its members through employment project based contracts.

Regarding the financial management of the project EfVET has a well-established project management office for both administrative and financial management.

Contribution on work packages:

WP 1 - Skills needs identification: 56 Days

WP 2 - Priorities and strategy design: 63 Days

WP 3 - New tools and training design: 35 Days

WP 4 - Implementation and pilots: 18 Days

WP 5 - Sustainable action plan: 40 Days

WP 6 - Quality assessment: 27 Days

WP 7 - Engagement and dissemination: 27 Days

WP 8 - Project management: 70 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

NB: Please note that the first key staff to be listed under PI should be the Project coordinator (also called 'Project manager' and 'Contact person' in section A.2 of the eForm). The coordinator will have the responsibility to ensure that the project is implemented in accordance with the selected application. Its coordination will include the following duties:

- Be the single point of contact of the Agency for all communications on the project;
- Coordinate the work of the consortium in line with the workplan;
- Monitor that the action is implemented in accordance with the EU grant agreement.

This person must have all the necessary professional experience and competencies to carry out the coordination of the project. Please provide detailed information.

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Andrea Bianchi	<p>Bianchi works as Training Designer and Developer of the higher-technical courses in “Promotional Techniques for tourism products and services with attention to local resources, opportunity and events – Local and biological products, organic and rural tourism” and in “Territorial and environmental monitoring and management techniques – Agro-energy and business technologies”.</p> <p>Following his Humanistic Masters Degree Bianchi worked for 10 years as Training Designer and Project Manager for several profit and non-profit organizations in VET sector in the north part of Italy. Bianchi has been working for Fondazione Maddalena di Canossa – a VET Center focused on Agriculture Sector</p> <p>During his previous career Bianchi worked as Expert and Researcher in IVET and ECVET-related projects. In addition to this Bianchi is the organizer and promoter of fourth edition of a training courses programme for teachers about the topic of “learning with ICT” involving more than 500 teachers in the last 5 years.</p> <p>Since 2017 he has been trained in the approach of Design Thinking with a specific curvature on the education part, with the prospect of a contamination between humanistic knowledge and vertical skills of the STEM area. Bianchi is a Trainer and Lego® Serious Play® Certified Facilitator.</p> <p>He has involved in training needs analysis and skills assessment in several strategic projects implemented at national and EU level: ICT ways about sharing a new learning</p>

	<p>approach in schools; E-CITY for building a platform to foster engineering career studies, OPEN to help deaf people to acquire another sign language, HAIR and HAIRSTYLE to encourage the student mobilities. Carrying out these projects he developed significant capacity to set up virtual learning environment acting on the motivational aspect of the learning processes.</p>
Fabio Proverbio	<p>Proverbio is the Training Coordinator of the higher-technical courses in “ Promotional Techniques for tourism products and services with attention to local resources, opportunity and events – Local and biological products, organic and rural tourism”. In addition to this he have been being an agricultural entrepreneur - Founding member and President of the Cooperative "Castel Cerreto", an innovative agricultural company, dedicated to the production of fruit and vegetables using organic methods. He worked as agronomist collaborator with the Association Opera Bonomelli (ONLUS) of Bergamo from August 2012 to December 2011 for the implementation and management of the project BiOrto aimed at the production of organic vegetables and their direct marketing at zero km. From 2002 to 2007 he was the Head of the Edison Representative Office in Brussels - interested in the analysis of EU policies and EU legislation on energy, conventional and renewable energy, environment and sustainable development, internal market, competition "Research & Development". In 1988 he obtain a Degree in Agricultural Sciences.</p>
Jon Harding	<p>Jon is the UK national representative in the EfVET Steering Group Committee. He has a degree in Education and Training and over 20 years’ experience of vocational teaching and training across all levels of education. He works as an External Funding & Bid Manager for European projects at Bridgwater College. The College has an excellent reputation both regionally and nationally as a highly successful provider of education and training. Currently he develops European projects for all sectors across the college..</p>
Alfredo Garmendia	<p>Member of EfVET Steering Committee, EU working group on ECVET and Head of the International Projects Department of Centro San Viator, he has been working for the last 17 years Alfredo holds a master degree (EQF 7) in Anglo-Germanic studies. For the last 15 years he has combined his job as project manager with teaching to young students who are at risk of exclusion. The department he leads is engaged in various initiatives into Erasmus+ – School Education, VET and Higher Education – and others, such as European Social Funds, etc. The long experience in EU projects has been determining to establish solid networks in the fields of Self-propelled Vehicles and Third Sector (people at risk of exclusion).</p>
Luis Costa	<p>Luis is Director of ANESPO – National Association of Professional Schools (Portugal), a member of the board of the Setubal Professional School and a member of the Steering Committee of EFVET – European Forum of Technical and Vocational Education and Training. He is also member of the Steering Committee of Lifelong Learning Platform – European Civil Society for Education (LLLplatform) and the representative in the European Qualifications Framework Advisory Group (EQF AG). Since 2007 he is the Portuguese Focal Point for the European Globalization Adjustment Found (EGF). Holds a Master Degree in Sociology with a major in Work and Organizations, completed with a Top Management in Public Administration by the National Institute for Public Administration. He is also a National Defense Auditor, graduated by the National Defense Institute. In the field of education and training, he is currently working in the areas of skills anticipation and matching, curriculum inovation, transition from school to active life and early school leaving. Between 1985 and 2000, he worked for CGTP, as Director of the Training Center and member of the board of the Bento de Jesus Caraça Professional School. He was a member of the board of the Inovation in Training Institute (INOFOR) and of the Portuguese Institute for Management of ESF (IGFSE) and a key expert for ESF management and implementation in Romania.</p>

Alicia Gaban	Alicia is Communication and Project Officer managing and updating media campaigns on EfVET social media channel, supporting communication team with the digital strategy (newsletter, website, and etc). She is also involved in several EU projects. She is in charge on the edition and production of a daily e-bulletin for the members of the association. Throughout her career at the BUSINESEUROPE, she had the opportunity to deal with EU officials and executives at major corporation as well as to create specific promotional materials for the European Institution and trade association
Valentina Chanina	Valentina is EfVET Project and Office Manager. For many years she was involved in European projects and tenders. She specializes on vocational education training, adult education, relationship with European Commission and European Parliament, networking and coordination of transnational partnerships. Responsible of supporting in the management of European projects, as well as for the development and promotion of national and European dissemination strategies for European projects and financial management of the projects. Experienced also in organization of conferences and seminars. Initiator of many unformal& informal education activities for different groups.

Partner number – P30

Affiliated entity YES NO

Organisation name	Confederation of European Paper Industries aisbl (CEPI)
Country	Belgium

III.2.1. Aims and activities of the organisation (Lot 1, 2, 3)

Please provide a short presentation of your organisation (key activities, size of the organisation, etc.) relating to the area covered by the project (Recommended limit: 1 000 characters).

<p>CEPI represents 500 pulp and paper making companies and some 900 mills across Europe, with a production of some 100 million tons of pulp and paper. The industry employs directly some 170 000 people and contributes to the rural livelihood, since most of the mills are located in rural areas and 63% of the jobs are based in rural areas as well. The European pulp and paper industry sources 92% of its raw material from within the EU and is net exporter of paper products.</p> <p>CEPI's mission and vision are:</p> <ul style="list-style-type: none"> • To secure pulp and paper industries competitiveness towards EU policy makers • To represent the paper industry with EU institutions and Brussels based stakeholders • To improve the image and visibility of the paper industry and other related industries • To be the example of how competitiveness and sustainability can go hand in hand <p>CEPI has four standing committees, which take long-term strategic perspectives on the issues affecting the industry. These are the Environment and Safety, Climate Change and Energy, Forest and Recycling committees under which a number of ad-hoc issue groups operate. Issues such as Social affairs and Research and Innovation are dealt with in specific issue groups that report directly to the Director General and the Associations Directors' Group (ADG). The Association Directors' Group (ADG) is the senior advisory group to the Director General of CEPI and is composed of Director Generals of National Associations.</p>
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Please describe the profile of the partner as regards the required types of organisations in each Lot (Recommended limit: 1 000 characters).

- Only EU organisation representing pulp and paper and forest fibre-based industry, including small and medium-sized and large companies.,
- Sector representative

III.2.2. Role of the partner organisation in the project (Lot 1, 2, 3)

Please describe the role of your organisation in the project and how the organisation will contribute to the operational and financial management of the project (Recommended limit: 1 000 characters).

CEPI will contribute to the operational and financial management of the project mainly working on WP 1, WP 2, and WP 3. It will contribute in developing an EU strategy for skills in the bioeconomy sector that can be transferred and adapted at national level will be established that will be instrumental to the identification of enabling conditions, both in terms of policy and of education and training curricula. CEPI will bring an employer perspective and a specific expertise in policy, strategy, image and perception of the bio-based sector as a workplace.

CEPI will carry out the consolidated accountancy and time management concerning its contribution to the project.

Contribution on work packages:

WP 1 - Skills needs identification: 108 Days

WP 2 - Priorities and strategy design: 138 Days

WP 3 - New tools and training design: 254 Days

WP 4 - Implementation and pilots: 73 Days

WP 5 - Sustainable action plan: 68 Days

WP 6 - Quality assessment: 40 Days

WP 7 - Engagement and dissemination: 27 Days

III.2.3. Operational/Technical capacity: Skills and expertise of key staff involved in the project (Lot 1, 2, 3)

Name of staff member	Summary of relevant skills and experience, including where relevant a list of recent publications related to the domain of the project
Bernard de Galembert	Social affairs Director, Master in HR Management, member of the European sectoral social dialogue for the paper sector, Publications: “No paper without skilled, healthy and safe people” (2012), “Future skills for the paper industry” (2016)
Giulia Fadini	Project manager, several projects (including a project funded by Horizon 2020), trainee at the EU Commission (2015-16)
Ganishya Runyinya	Finance and HR officer, accountancy, finance management
Katarzyna Dylag	Communication manager, event making and organisation

Please add lines as necessary

III.3. Cooperation arrangements across the partnership

Please describe arrangements and responsibilities for decision making, conflict resolution, reporting, monitoring, communication etc. between the participating organisations and any other relevant stakeholder (Recommended limit: 3 000 characters).

Management rules are presented in details in the work package 8 of the work programme; this paragraph sheds light on the most important aspects.

The coordinator, UNITO, will ensure a good communication between the partners and will organise transnational project meetings every 6 months with all WP leaders (and if needed specific partners depending on the main activity carried out at this moment), a detailed agenda shall be distributed 7 days before the meeting. The whole consortium will meet once a year, but virtual conference calls will be held every 2 months (on the 3rd Thursday of the month) and a detailed agenda will be sent to partners at least 3 days before each virtual meeting. The agenda of both types of meetings will present discussions on pending activities, tackling possible problems and feedback from the leaders on the progress of their responsibilities in the work package currently under implementation according to the Work Programme.

Representatives of the partner organisations will sit in a Steering Committee. Each partner will appoint before the first Kick-off meeting a contact person who is responsible for the administrative and financial management and will support UNITO by reporting necessary information and by providing all documents required according to the Erasmus+ projects rules of reporting.

Because the Steering Committee will involve 30 people, a High Steering Committee will also be established for strategic decision. It will be composed of the WP leaders, specific member of the Steering Committee high be invited to sit in the HSC when needed.

The project gathers 30 partners from 12 different countries. This European dimension is really convenient for disseminating the innovation at a European scale, but it could also constitute constraints and needs to be managed by an experienced person. UNITO has already experienced collaborative project managements; it will be in charge of supporting the project partners with administrative and financial aspects. A consortium agreement will be signed up by the partners at the very beginning of the project and will define the partner's commitment. Thanks to this agreement, the risk of conflict is expected to be very low. A procedure is planned in case of conflict. In the event of disagreement between the members of the Steering Committee, each member will have one vote. The decision will be carried by the majority. In the event of equality, the coordinator will pronounce the final determination.

To effectively communicate with partners, a private section will be designed within the project website by UNITO. This content management system will be designed to allow partners to upload documents needed in the frame of the project monitoring, including financial reports, meeting reports, and deliverable, to ensure efficiently monitoring of activities and compare them with expected performance.

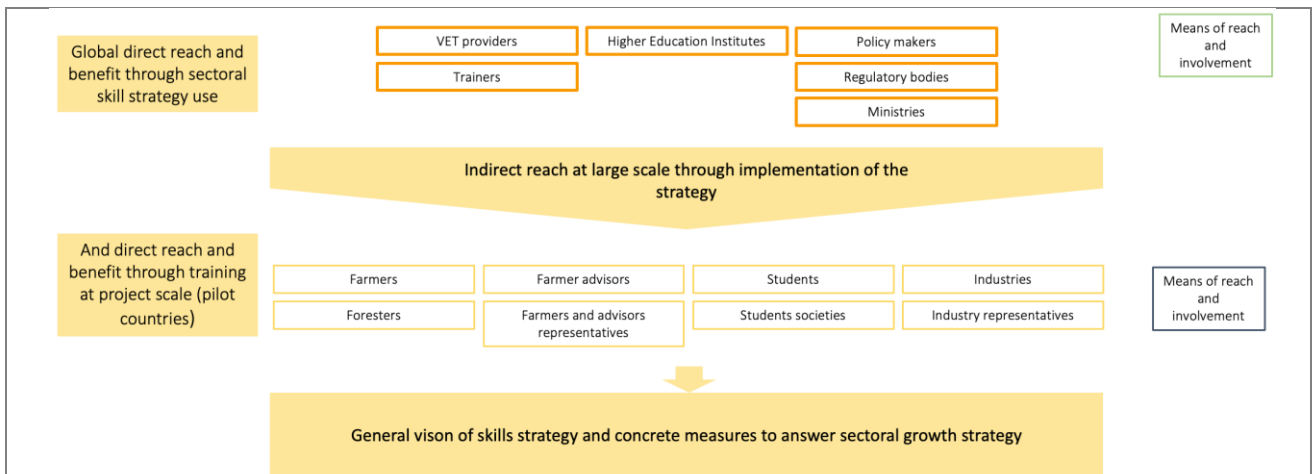
PART IV. Impact and dissemination

Please note that this part includes questions for the three Lots. All specific questions are marked with the Lot number(s) they address.

IV.1. Target groups

Lot 1, 2, 3: *Who will benefit from the project results/ outputs, products and how does the consortium intend to address them? Please describe how the target groups (including participating institutions, stakeholders) will be reached and involved **during the project lifetime** and how the project will benefit the target group at local, regional, national and /or European level. What is the change your project will make (Recommended limit: 3 000 characters)?*

Several target group will benefit from the FIELDS project results. There are 3 levels of benefit through different kind of reach and involvement. as shown in the graphic below, the first beneficiaries are the one benefiting from the strategy designed within FIELDS, the second are the one benefiting from the training provided within the project, and the third are the one benefiting from the project outcomes indirectly through the implementation of the strategy and project outputs (curricula, modules, methodology) by external stakeholders.



The table below described the different means to reach and involve each target groups and how they will benefit the project outcomes.

	How they will be reached	How they will be involved	How they will benefit
VET providers	<ul style="list-style-type: none"> - Part of the consortium - Through VET provider network - Dissemination activities and stakeholders mapping 	<ul style="list-style-type: none"> - Implementation of activities in the project: train the trainer content definition and implementation, trainees' modules creation and training implementation - Signature of MoU for use of the project outcomes from the platform, participation in the SSA and governance of the platform 	<ul style="list-style-type: none"> - Access to EU skill strategy - Access to national skills strategy - Access to project outputs: curricula, training modules and toolkits, general strategy, national roadmaps - Help in certification/ accreditation through the FIELDS transferability framework
Higher Education Institutes	<ul style="list-style-type: none"> - Part of the consortium - ISEKI network - Dissemination activities and stakeholders mapping 	<ul style="list-style-type: none"> - Implementation of activities in the project: train the trainer content definition and implementation, trainees' modules creation and training implementation - Signature of MoU for use of the project outcomes from the platform and participation in the SSA 	<ul style="list-style-type: none"> - Access to EU skill strategy - Access to national skills strategy - Access to project outputs: curricula, training module and toolkits, general strategy, national roadmaps - Help in certification/ accreditation through the FIELDS transferability framework
Policy makers	<ul style="list-style-type: none"> - Through the umbrella organisations and partners' network - Dissemination activities and stakeholders mapping 	<ul style="list-style-type: none"> - Brussel focus group - Dissemination workshops 	<ul style="list-style-type: none"> - Developed skill strategy and affiliated roadmap ready for implementation
Farmers	<ul style="list-style-type: none"> - Recruitment process in WP4 through partners' network - Dissemination activities and stakeholders mapping 	<ul style="list-style-type: none"> - Focus groups - Training pilots - Dissemination workshops 	<ul style="list-style-type: none"> - Content of the course will allow them to gain competencies and skills identified as topical -

Farmer advisors	- Partners' network - Dissemination activities and stakeholders mapping	- Focus groups - Training pilots - Dissemination workshops	- Content of the course will allow them to gain competencies and skills identified as topical
Students	- Recruitment process in WP4 through partners' network - Dissemination activities and stakeholders mapping	- Focus groups - Training pilots - Apprenticeship platform - Dissemination workshops	- Content of the course will allow them to gain competencies and skills identified as topical - Obtain a certification - Facilitate mobility through the registration on the platform
Industries	- Part of the consortium - Dissemination activities and stakeholders mapping	- Focus groups - Deliverables validation - Advisory board	- Involvement in the early stage of value-chain - Detail their needs

In addition to the foreseen ways of reaching stakeholders above, FIELDS consortium gathers many umbrella organisation with an EU extensive network. Their networks are very large and will allow to have an easy reach to their members:

1. Farmers & farmer advisors through CONFAGRI, ICOS, ACTIA, GAIA, CONFAGRI PT, SCOOP, GZS, AC3A, FENACORE, PlantETP, EFFAT, EFB
2. VET providers through AERES, AP, LVA, INFOR, LLLP, EFVET, ProAgria
3. HEI through UNITO, WUR, ISEKI, UHOH, CERTH, UCLM, FJ-BLT
4. Industries through FIAB, FDE, SEVT, ANIA, BIC

Lot 1, 2, 3: Involvement of relevant sectoral stakeholders

Who are the stakeholders of the project and why are they the most relevant stakeholders in the sector? Please describe their involvement and specify activities they will be contributing to (Recommended limit: 3 000 characters).

The FIELDS project involves several external and internal stakeholders. Each stakeholder covers a specific part of the sector, one of FIELDS added value is its full coverage of the agriculture value chain and specificities, allowing to grasp an overall strategical view on the sector's needs. FIELDS' stakeholders range from the upstream agricultural actors as the farmer's suppliers to the food/non food/forestry industry. If the project involves them all to have an exhaustive view, the focus will be put on farm level mainly, with some consideration for the end of the value chain, especially for the bio-economy and circular economy topics that involve all actors.



FIELDS consortium involves:

1. Education or training providers specialised in bio-economy, sustainability and digitalisation
2. Research Institute
3. European network of education or training providers
4. Farmers Union
5. Eu organisations representing industry
6. BioIndustry consortium
7. Chamber of commerce
8. Chamber of agriculture
9. Sector representatives (farmers, advisors, food industry)

Stakeholders' expertise covers a large range of agricultural activities, from precision farming to water management, forestry, or sustainability; and a large range of education or training activities, covering both initial and continuous learning, students and adults.

By covering both side, demand and supply of skills, FIELDS ensures to have a full vision to identify skill gaps and act on it appropriately with a multi-stakeholder approach.

External stakeholders will also be involved through partners' networks and dissemination. The networks of VET providers, umbrella organisation, chamber of commerce, stakeholders associations will involve their members in the project activities. They will be actively involved in many project tasks such as focus group, workshops, survey, training, review of content, roadmaps implementation, accreditation.

Lot 1, 2, 3: Links with other sectoral initiatives

Please describe how this application is linked with other sectoral initiatives/projects. Do you foresee some synergies (Recommended limit: 1 500 characters)?

Two sectoral initiatives have been identified as opportunities by the consortium. The first one is the call *BBI 2018. SO4.S3 – Identify opportunities to promote careers, education and research activities in the European bio-based industry* from the work program H2020-BBI-JTI-2018. The specific challenge of this call is to identify education needs and gaps in Europe's bio-based sector.

The project will aim at providing the bio-based sector with an overview of completed and ongoing programmes addressing curricula that involve bio-based activities; providing the bio-based sector with a basis for promoting careers in the bio-based sector; promoting an improved and efficient alignment and interaction among industry and educational and research institutions, focusing on the needed skills and potential job opportunities in the bio-based sector.

This call is managed by the Bio-based Industries Consortium (BIC), as associated partner of FIELDS, they will provide the main outputs of the project, allowing to help define the skill strategy in the bio-economy sector.

The second is a COSME project led by CEPI, a full partner of the project, aiming at defining the skill gaps in the forestry and paper industry. The results of the survey will also feed the WP1 and be analysed for use in WP2 of FIELDS project.

Other opportunities will be sought during the project implementation, and synergies created whenever possible.

Lot 1, 2, 3: Please describe the action plan for the roll-out at national and regional levels including appropriate measures and identification of financial resources (Recommended limit: 3 000 characters).

The FIELDS project will have action plan for the roll-out at two levels: the training pilots and the strategy roadmaps. The training pilots will be rolled-out during WP4. Once the content developed in WP3, partners will send trainers to Austria where they will get a week training about methodologies, course content, objectives and tools to be used. Each partner sending the trainers will cover their travel and subsistence costs. Once the trainers are back, the trainees' training will start in each country separately. Seven countries (Austria, France, Finland, Ireland, Italy, Nederland, Spain) will offer the course based on the content created by project partners and translated in country language. The facilities of each partner will be used and part of the teachers' cost covered by the ERASMUS funding.

The strategy roll-out will happen in the last year of the project, once it has been refined. The roll-out will take place during 7 dissemination workshops (LVA, AERES, CONFAGRI, ACTIA, FIAB, ICOS, PA) which will present the strategy in details to external stakeholders and policy makers. The national and regional strategy implementation will be detailed in the country roadmaps developed in T2.4. The EU strategy will be presented in Brussels during a final workshop organized by FDE, CEPI, EfVET and LLL-P.

In total 7 national roadmaps will be defined for Austria, Finland, France, Ireland, Italy, Spain, The Netherlands. National Working Groups will be created in each country, involving FIELDS partners and at least 2 external stakeholders, to establish measures needed to address each of the strategic issues.

Financial resources will be identified through Task 5.2 and, if there are opportunities, the Sector Skill Alliance formed within the project will submit proposal/participate with other partner to offer the training and making events to

disseminate the outcome of the project, the platform and the freely available resources. The consortium partners will look to resources at National and EU level for opportunities to continue to offer the services.

Lot 1, 2, 3: Please describe how the target groups (including participating institutions, stakeholders) will be reached after the project is finished (Recommended limit: 3 000 characters).

After the project is finished, the platform will remain active for at least 4 years. The platform will contain many project outputs, training material and target groups will have access to it. The following means of reach will be used for each of them:

- The people who signed the memorandum of understanding will be involved at least some year in the Sector Skill Alliance after the project end, and thanks to the wide network, the consortium will find other possibilities to implement the materials and to engage farmers, farmer advisors and foresters in the training
- More detail on the long term involvement of partners will be provided in the future engagement plan during WP5.
- Farmers and farmer advisors will be reached through newsletters for those who signed up during the project lifetime, or through the farmer representatives (unions: EFFAT; chamber of agriculture: AC3A, GZ; cooperative/representative: SCOOP, CONFAGRI PT, CONFAGRI, GAIA; association: ACTIA, ANIA, Plant ETP) that were partner in the project or that were reached by dissemination activities or through WP1 mapping during the project. The representative will disseminate the FIELDS training materials and encourage the platform use.
- Students will be reached through project social media accounts, YouTube channel and newsletters. Higher Education partners (UNITO, WUR, UHOH, UCLM) will also reach other schools and university in which students might be interested in following the training programme. UNITO and UHOH, through their partnership within the Kic EIT FOOD, will disseminate and offer the training also to universities inside that consortium.
- VET providers will be reached through the newsletter for those who signed up during the project, or through former VET provider partners, who will continue to disseminate the project during their participation to local events, fairs, professional meetings, etc.
- Higher Education Institutes will be reached thanks to contacts they have, through the ISEKI network and through the word of mouth. Short presentation of the Project and the SSA group could be made at the yearly ISEKI conferences.
- The drivers of change (climate change, waste reuse, digital info availability) are hot topic and having up-to-date materials for trainers and VET providers will help to reach these target groups

IV.2. Sustainability and impact

Lot 1, 2, 3: How will the activities and the partnerships be sustained beyond the project lifetime? Please explain which of your project results will be maintained after EU funding, and how you intend to maintain them (e.g. financial and human resources, etc.) (Recommended limit: 3 000 characters).

The goal of the project is to create a sectoral skill strategy and its linked material and partnerships for its take-up as well as create a sustainable training programme that will be available after project completion. An exploitation plan will be made by the partners in the work package 5 to define the sustainability of the activities and partnerships after the project lifetime. However it is already foreseen that the learning platform will stay available for at least five years after the end of the project. Four modules will be available in different country languages: Common and soft skills, Sustainability, Bio-economy, Digitalisation.

For the first two years, the maintenance will be covered by UNITO. These maintenance activities will include activation of classes upon request by partners or other training Institutes interested in using the content and train people. Webinars or face-to-face meetings will be available for trainers as well.

After this two year period, the commitment is to maintain the website and the LMS for at least other two years under the supervision of ISEKI. During this time, all partners will work according to the exploitation plan.

To guarantee the sustainability of the platform, the partners will integrate the FIELDS programme and curricula in their training offer. Therefore, regular monitoring of the use of the training is ensured as well as the organisation of training sessions.

When available (Italy, Austria, Netherlands at least), the learners will receive certificates issued by the training institution who offer the FIELDS training, according to the ECVET quality accreditation. This will ensure transparency about competencies of the people following the class and will encourage people to join the training since its count toward the credits they have to take. Partners have also thought about getting a European accreditation for their training content.

When an institution from a country different than the first partners is interested in the concept of the project and would like to transfer it to its context and language, a contract will be issued with the organisation. The agreement will state who will be in charge of adapting the platform content to the standards features of the country joining the concept and of translating it into the national language of this new country. The exploitation plan will define the conditions of this work.

The content platform will also stay online during at least four years and its maintenance will be ensured by UNITO, while its content will be updated by VET providers of the consortium. A specific governance body will be defined and role clearly shared for its maintenance in WP5.

The platform will contain the main project outputs, apart from the training content that will be hosted on the training platform. It will contain, the strategy, the curricula, the methodology guidelines, dissemination videos made by students, the list of VET providers and their details, the apprenticeship scheme

The maintenance of the platform will be done at the expenses of the governance body defined in T5.3. But other source of funding will be sought in task 5.2, especially to develop the content in response to the curricula designed in T3.2.

The partnerships created in T2.4 at national or regional level will be kept depending on the will of their stakeholders. However, the FIELDS project will propose other source of funding to maintain it.

Lot 1, 2, 3: Please describe the expected impact on the target groups (including participating institutions and stakeholders). What is the desired impact of the project in the sector, at regional, national, European and/or international level (Recommended limit: 3 000 characters)?

Regional/national scale

On the short term, 70 trainees from the partners 'countries will be trained. The trainees will mostly come from the regions in which the partners are settled. The skills will allow trainees to tackle newly identified needs in the digitalisation, bio-economy and sustainability fields. Farmers will benefit from the course by acquiring technical and ICT skills that will allow them to use new tools without the need for consultant services and reduce farmer costs. Thanks to the trainer toolkit, the relay at local scale will be ensured, and the project will be disseminated directly towards practitioners at the local level.

Training centres have a large network of trainees, including farmers and will send newsletter about the FIELDS action to all these people, and will offer the training on regular basis. HEI will incorporate the training for their students, increasing their employability and mobility. Professional SMEs will encourage people interested in FIELDS topics to follow the training.

The other content created in the project, will also be made available and allow external VET providers or HEI to create content in the frame of the curricula designed by FIELDS. This will lead to the creation of innovative content, following the identified methodology and tackling the skill needs identified, allowing the future trainees to fulfill specific occupation in high demand on the job market. It is foreseen that at least 10 VET or education providers implement such course based on FIELDS curricula.

European/international scale.

With the involvement of 3 COPA-COGECA members, a support letter from the COPA-COGECA and their Director of General Affairs member of the advisory board, plus the involvement of EFFAT as an associated partner, the communication towards other EU farmer’s trade unions or representatives will be facilitated. This will allow the uptake of the results by other countries not involved in the consortium. The availability of the content in English, will facilitate its translation for national use when needed. The expected impact on farmers and farmers advisors is an awareness of the skills needed in the future and the creation of specific training in short modules to gain those skills.

As the project will develop an English version and easy access to the content, a high scale dissemination is expected. As FIELDS will spread, the online platform will host new versions of the programme in other languages. The targeted audience is very broad as the knowledge provided by the training focus on highly demanded skills identified by the project analysis. Partners are considering to use the EPALE platform to disseminate the results of the projects. The Objective is to have 4 new countries within 4 years after the end of the project to follow/offer the training program.

Lot 1, 2, 3: Overview of short term results and long term outcomes indicators

Please highlight the main results (outputs and outcomes) for stakeholders (individuals, organisation, etc.) sectors or systems that your project intends to generate.

Please add lines as necessary according to the number of indicators.

Short term results	Target groups/potential beneficiaries	Quantitative indicators	Qualitative indicators
Skill needs identified	VET providers, HEI	Number of skill needs, number of VET providers interested	Relevance of skills identified
VET list	Students, farmers, advisors	Number of VET in the list, number of interested target groups	Exhaustivity of VET providers information
Class modules on the platform	students, farmers, advisors, all people interested in the training	4 class modules in 7 languages, independently accessible for a total of 28 modules	Assessment of knowledge before and after the training
Training courses based on FIELDS material	students, farmers, advisors, VET providers, HEI, all people interested in the training	Each occupational profile outline will correspond approximately to 680 h, of which 120 online, 180 in-class, and 360 as a work based period, with 20 more hours for the assessment. For at 7 country occupational profiles. At least 70 trainees will attend. 7 languages	Assessment of knowledge before and after the training
Trainers’ toolkit	Trainers	Total 2 weeks online and 3 days in-class activities	Assessment of knowledge before and after the training
Curricula	VET providers, HEI	10 of curricula available, number of VET interested	Assessment of curricula relevance

People trained	Farmers, unemployed, students, consultants, advisors	10 per country, total 70 people	Satisfaction survey
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Long term outcome	Target groups/potential beneficiaries	Quantitative indicators	Qualitative indicators
Curricula	VET providers, HEI	Number of curricula available, number of VET interested	Assessment of curricula relevance
Occupational profiles	VET providers, HEI	Number of occupational profiles	Assessment of relevance, exhaustivity
ESCO database	VET, providers, HEI, students, unemployed, farmers, advisors, consultants, industry, SME	Number of skills	Compliance with the framework
Pin'Drop database	students, SME, industry, farmers	number of offers, number of apprentice scheme inserted	Content of the offer, profile of the apprentice
Strategy	All		
Roadmaps	All		
Awareness raising	Students, farmers	Number of countries reached, number of students following studies in agriculture or linked fields	Attractiveness improved

IV.3. Dissemination and exploitation strategy

Lot 1, 2, 3: How will the dissemination activities be designed so as to ensure that the results will reach the relevant target groups? How will the exploitation activities be structured so as to use the results both within the project's lifetime and after? How will the results be mainstreamed and multiplied (Recommended limit 3000 characters)?

Dissemination will be coordinated by ACTIA, with the high involvement of FIAB and all partners. It will be responsible for coordinating all communication and dissemination of the results during FIELDS project lifetime.^{[1][SEP]}Dissemination objectives will be to reach the targeted groups in the best manner to present (i) the objectives of the project, (ii) the breakthrough training developed during FIELDS project, (iii) the sectoral skill strategy and its applications and impacts and (iv) the European Community financial support.

Partners will lead all necessary actions to present the project to the different targets by generating material and communicating this through appropriate dissemination material tailored to the needs of the various kinds of target groups. The fact that many partner are umbrella organisation or representative association will also help to reach each target groups. The Work Package 7 aims at structuring dissemination activities so as to ensure that the results will reach stakeholders both during the project lifetime and after.^{[1][SEP]}This Work Package is divided into 2 tasks:

1 - During task 1, a dissemination plan will be created. The dissemination plan will be discussed and adopted by the entire consortium and will provide instructions to address stakeholders with utmost efficiency. Dissemination activities will be performed by partners with regards to their capacity to address as many stakeholders as possible. The Dissemination plan will also describe each target groups and the most efficient way to reach them

2 - The second task will create all project materials, such as social media accounts, website, leaflet, posters in each consortium languages, and will perform the communication and dissemination campaign during which each partner will work on sharing project's outputs and results. Activities performed during the dissemination campaign consist for instance of writing articles (in newspapers or academic reviews), running or participating in thematic events. Newsletters will be released, and a channel will be set up in YouTube to advertise the training material and to disseminate information about the project in the following phases: 1) creation of project awareness and meet the stakeholders, 2) enrolling teachers and potential learners, 3) exploiting the results of the project and raise awareness about agricultural careers. Dissemination campaign will require the organisation or participation to professional meeting or events where the target groups are present.

Lot 1, 2, 3: Please describe the dissemination and promotion measures that will ensure the best project visibility. In this context, indicate the main project website features that will ensure that the produced outputs/deliverables are accessible to end users and properly promoted. Please also explain your social media strategy (Recommended limit: 3 000 characters).

Because of their reputation and current activities, partners have a strong dissemination force and will integrate the FIELDS project in their communication strategy.

Thanks to this planned roadmap and to the diffusion through partners and ERASMUS networks, the impacts of the project will then be maximised, and consequently, the credit of partners enhanced at regional, national and European level. All the precise activities and the exact channels will be detailed at the beginning of the project in the Dissemination Plan, however, hereunder are some examples.

First, a high-quality website will be designed in English and the other languages of the project. The website, will contain information about the objective, the consortium, the WP, news and will have four specific page:

- A repository where all public deliverables will be made available for consultation and download.
- A training platform
- An interactive map displaying many project outputs and searchable with query
- A private area for partner

Each partner will provide a link to the project website on his own official page. Totally 30 links to FIELDS website on the partners websites will be presented enhancing the SEO.

Dedicated FIELDS accounts will be created on the most common social networks (LinkedIn, Facebook and Twitter) to increase the impact, notably toward students, and 5 google AdWords will be used as well to disseminate the initiative. All FIELDS posts will be liked or put forward by the partners accounts. A hashtag will be created for all project communication.

Other outputs of the dissemination actions are:

- 7 country workshop and one workshop at EU level.
- 4 press releases translated in the language of the partner countries will be made within the project lifetime to disseminate the outcome and find people interested in following the FIELDS strategy. Almost each partner will write article through their project leader and will publish it in a magazine in each country of the project.
- Newsletters will be issued every 6 months and will aim at 1) at the beginning of the project to collect information from stakeholder about needs and gaps, 2) when training is available to enrol people, 3) at the end of the project to disseminate the project outcomes and results. At least 6 newsletters will be sent per language.

Presentation poster and a brochure (leaflet) in local languages. Posters will be presented at professional events. 5000 leaflets will be distributed among interested people at the dissemination events and professional training centres.

A specific link will be established with CEDEFOP, and their guideline on the practical framework for including sectoral skills evidence in the Skills Panorama will be respected in order to publish the project outputs or so that the outputs are used in their reports.

Lot 1, 2, 3: Please explain how the exploitation of project results will be measured during the project lifetime and after it has finished (Recommended limit: 1 500 characters).

The indicators used to measure the exploitation of the FIELDS results will be the same during the project and after its implementation. For this purpose, partners will use three kinds of indicators depending on the exploited outputs.

First, for the training content, some of the indicators of the EQAVET guidelines will be used such as:

- Participation rate (number of participants per country).
- Completion rate (ratio among learners which complete the training and the total number of the individuals enrolled in the class).

Placement rate (ratio among learners who start working and the total number of the individuals that complete the training, this is of particular importance for initial vocational training).

Satisfaction rates. This will be assessed through surveys to farmers and professionals. Quality of the training material. The change of the skills of the participants will be evaluated. There will be a test before and after attending the modules. Proper tools will be established to assess the above-mentioned indicators. This monitoring will be necessary also for the ECVET accreditation process.

Second, the communication targets are related to project exploitation and will be monitored as well during the execution of the project. For all the targets groups the intranet page will provide the monitoring tool of visitors, contacts and trainees. Partners have to update these indexes before each SC meeting, to monitor the dissemination campaign.

Third, the strategy content exploitation will be measured through quantitative indicators such as:

- Number of curricula used for creation of training and education course
- Number of occupational profiles addressed by new training
- Number of VET or HEI registering on the map
- Number of partnerships (business-education-research, or between industry, social partner, public authorities) created

Those exploitation measures will be indicated by each partner on a specific table in the private area of the website to allow an easy monitoring.

IV.4. Open access to the educational resources

Lot 1, 2, 3: Please describe how the materials, documents and media produced will be made available to the wider public through new technologies. Please also explain if you are going to apply any restrictions to some parts of the content (Recommended limit: 3000 characters).

***NB.** The open access requirement means that the beneficiary must publish all educational materials produced with Erasmus+ funding free of charge and under an open license. This means that anyone must be free to use the material but the Erasmus+ beneficiary may apply some restrictions to the license, for example a limitation regarding commercial use, or a requirement that the author/holder of rights must be mentioned. In reverse that does not mean that the beneficiary loses its rights. The beneficiary is granting a license, not yielding its rights. Thus the beneficiary itself may still use the material in other works and contexts, even commercially.*

You may consult http://ec.europa.eu/education/news/doc/openingcom_en.pdf for more information.

FIELDS partners are aware of the open access requirement promoted by the Erasmus + programme and will give public access to the project material. In particular, curricula, strategy and roadmaps will be available on the project dedicated website area, and end users will be able to train themselves with the FIELDS content for free even if the registration will be mandatory to allow a proper monitoring.

Both Content Management Systems and Learning management systems will be open source tool, and the tool provide for the training will be free of charge, or funded by the VET provider.

All the outputs will be public and available during the project lifetime, except the exploitation plan because of the strategic information it could contain. These documents will be provided in the intranet on the project website. The project outputs and the training will be available for free during the project lifetime and four years after the closure of the project. Only maintenance costs will be eventually requested.

If other training centres in the participating countries want to use the platform for training their students, then specific contracts will be established between this organisation and project partners.

After the project lifetime and in order to ensure the sustainability of the content produced in the project, a strategy will be defined to make the project sustainable.

The dedicated website will remain online after the end of EU funding, for at least 4 years. Partners will elaborate an economic model when working on the exploitation plan to define the conditions of exploitation after the end of the project. The training sessions associated with the platform will also continue to be ensured as long as one of the partner decide to offer the class to their students.

Maintenance of the e-learning platform will be operated by UNITO. For two years after the project end, UNITO will maintain the learning management system at his own expense. In the following years, in order to set the conditions of this maintenance, a maintenance contract will be written between UNITO and the other partners or other organisations who wants to use the training material.

When another organisation is interested in the concept of the project and would like to transfer it to its own context and language, a contract will be set between partners and this new country organisation in order to establish who will be in charge of adapting the platform content to the standards features of the country joining the concept and of translating it into the national language of this new country. This whole adaptation will be proposed at a fair price.

The non training content will be stored on a platform and displayed through a map with several layers using the GIS technology. This map will show the location and services of VET providers in Europe, their training, certifications, curricula, partnerships, demand of partnerships, etc. It will also store the national roadmaps, and all occupational profiles in a public database. The platform will be developed by UNITO and kept online for at least 4 years after the project completion.

PART V. Additional project information (if applicable)

Lot 1, 2, 3: This section allows you to provide any additional project specific information which is not covered in other parts of the application form. Please refrain from any repetition of previous statements (Recommended limit: 3 000 characters).

Project activity*	January												January												January												January											
	MONTHS	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36	M37	M38	M39	M40	M41	M42	M43	M44	M45	M46	M47
WP1	[Blue bar]																																															
1.1 - State of the Art	[Blue bar]																																															
1.2 - Stakeholders strategical mapping, mobilisation	[Blue bar]																																															
1.3 - Country and EU focus groups	[Blue bar]																																															
1.4 - Bottom-up surveys	[Blue bar]																																															
1.5 - Future trends analysis	[Blue bar]																																															
2 - WP leader	[Blue bar]																																															
2.1 - Analysis of skill gaps and new profiles creation	[Blue bar]																																															
2.2 - Profile prioritisation	[Blue bar]																																															
2.3 - European Strategy formulation	[Blue bar]																																															
2.4 - Roadmap formulation and refining	[Blue bar]																																															
2.5 - Transferability framework	[Blue bar]																																															
3 - WP Leader	[Blue bar]																																															
3.1 - Methodology definition	[Blue bar]																																															
3.2 - Curricula design	[Blue bar]																																															
3.3 - Apprenticeship scheme	[Blue bar]																																															
3.4 - Training content creation and new tools	[Blue bar]																																															
3.5 - Train the trainers materials and tools	[Blue bar]																																															
4 - WP Leader	[Blue bar]																																															
4.1 - Setup and running of Train-the-trainer pilot	[Blue bar]																																															
4.2 - Setup and running of Training pilot	[Blue bar]																																															
4.3 - Map creation, update and use	[Blue bar]																																															
4.4 - Translation	[Blue bar]																																															
5 - WP Leader	[Blue bar]																																															
5.1 - National and EU regulatory frameworks	[Blue bar]																																															
5.2 - Funding opportunities	[Blue bar]																																															
5.3 - Platform governance	[Blue bar]																																															
5.4 - Stakeholders future engagement	[Blue bar]																																															
6 - WP Leader	[Blue bar]																																															
6.1 - Quality plan	[Blue bar]																																															
6.2 - Quality assessment	[Blue bar]																																															
6.3 - External Expert review	[Blue bar]																																															
6.4 - EQAVET assessment	[Blue bar]																																															
7 - WP Leader	[Blue bar]																																															
7.1 - Dissemination plan	[Blue bar]																																															
7.2 - Communication and dissemination campaign	[Blue bar]																																															
8 - WP Leader	[Blue bar]																																															
8.1 - Decision making and internal communication	[Green bar]																																															
8.2 - Administrative and financial management	[Green bar]																																															
8.3 - Progress monitoring and risk management	[Green bar]																																															
M1: Coordination meetings	[Pink bar]																																															

High Advisory Board: (at the end of project description)

The High Advisory Board is composed by very well known experts and representatives of Agriculture and food industry with the aim to empower the link between agriculture and food industry, that is pursued within the project as well. Their experience will be important especially for bring in the voice of their parties, their vision, that will help to draft the future scenario analysis, the european strategy, the memorandum of understanding for the starting of the Sector Skill Alliance.

1. Dr. Oana Neagu from Copa Cogeca Head of R&I and Envi Department
2. Prof. Gert Meyer from Nestlé - Chair of ETP Food For Life
3. Dr. Kjell Ivarsson from Copa Cogeca - DG of Swedish Federation of Farmers
4. Dr. Robert Hamer from Unilever - Chair of Food Nexus
5. Prof. Jochen Weiss from Hohenheim University - V. Chair of EIT Food Kic
6. Prof. Rafael Morieugo from University of Catalunya - P. Chair EU Sustainability Committee
7. Prof. Andras Sebok from Campden UK - Hun - Chair of Food Drink Europe R&I Committee

Letter of Support : (at the end of project description)

The letter of support include many potential partners for future initiative or for the participation in the SSA for agriculture. Also in this case there is a mix of stakeholders : policy makers, farmer cooperatives, private companies, national technological platforms. They will be contacted for the dissemination, acting as multipliers of the project results, and they can participate in the trainings too. Beside COPA-COGECA, with exclusive letter of interest, representing all farmers and cooperative in agriculture, there are other three LOS from umbrella organisation. Their interest could be also in the participation to the SSA.

1. Copa-Cogeca, exclusivity (EU)
2. Ministry of Agriculture Forestry and rural development of Portugal (representative, DGADR) (Portugal)
3. European Seed Association (ESA) (EU)
4. Central Union of Agricultural Producers and Forestry Owners - MTK (Finland)
5. ETP Food For Life (EU)
6. EuropaBio (EU)
7. Bundesverband Pflanzenöl Austria (Austria)
8. Céréales Vallée (France)
9. BASF (Germany)
10. Chamber of Agriculture - Lower Austria (Austria)
11. Euromediterranean Irrigators Community (Spain)
12. Agricultural Cooperative ASEPOP Velventos (Greece)
13. AMT der Niederösterreichischen Landesregierung (Austria)
14. AgroNetwork (Italy)
15. Technological Platform Food for Life Spain (PTF4LS) (Spain)
16. Giovani di Confagricoltura - Anga (Italy)
17. Austrian Technology Platform (ATP) (Austria)
18. EuroPêche (EU)
19. FOODforce (Germany)
20. Food Industry Association of Austria (FIAA) (Austria)
21. AXION AGROTIKI (Greece)
22. YIOTIS (Greece)
23. SEGES (Denemark)
24. Fagligt Fælles Forbund (Denemark)

PART VI. Work plan and work packages

VI.1. Work plan and work packages

Please include information on tasks and the involvement of all participating organisations including affiliated entities, if any.

Lot 1, 2, 3: Please copy sections VI.1.1, VI.1.2 and VI.1.3 (With the same format) for each type of work package. Please enter the different project activities you intend to carry out in your project.

VI.1.1. Work package description

Work package No.	1
Title	Skills needs identification (ISEKI), M1-M15
Work package/Activity type	<input checked="" type="checkbox"/> Preparation <input type="checkbox"/> Management <input type="checkbox"/> Implementation <i>(The substance of the work planned including production, testing, etc.)</i> <input type="checkbox"/> Quality Assurance and Evaluation <input type="checkbox"/> Dissemination and Exploitation of results
Description	<p>This Work Package lead by ISEKI aims at establishing a general overview of the labor market in agriculture, forestry and related sector (including the bio-economy) in order to define present and future skills needs.</p> <p>This will be accomplished through:</p> <ul style="list-style-type: none"> • Analysis of the state of the art, both on content and on EU instruments for skills transferability (ESCO, ECVET, ECTS), with a database incorporated in the webpage of the project. • Analysis of the state-of-the-art in terms of training content, related to agriculture and forestry • Mobilisation of all relevant stakeholders following a multi-actor approach • Participation of stakeholders to focus groups to define future trends and skills needs • Multiplication of the focus groups outputs through bottom-up surveys • Analysis of the future trends in the topics of the call: Sustainability, Digitalisation and Bioeconomy through scenarios and forecasting analysis. <p>The outputs of this work package will be directly used in WP2, WP3, WP4 and WP7.</p>
Tasks	<p>Task 1.1: State of the Art (UNITO), M1-M6</p> <p>To collect the information about the state of the art, all partners will participate and provide information related to their domain, in a form of curricula available, best practices, relevant projects, EU funded projects, regional pilot projects and best practices carried in the sector as well as concrete examples of policies and initiatives at the national levels.</p> <p>UNITO will create a database storing all relevant research, all partners will contribute to this task by providing detailed insights from their specialisation angle:</p> <ol style="list-style-type: none"> 1. Agricultural sustainability, management of natural resources and climate action: UNITO, CONFAGRI, ICOS, ISEKI, FIAB, SCOOP, UHOH, CEPI, FDE,

- ACTIA, ANIA, EFFAT, CERTH, EFB, PlantETP, AP, LVA, SEVT, FIAB, UCLM, PA, GZS-ZKZP, AC3A, BIC, EfVET, FENACORE
2. **Digital technologies, digitalization, big data and artificial intelligence:** UHOH, CERTH, EFB, PA, UCLM, SCOOP, UNITO
 3. **Bio-economy, circular economy and bio-based products:** ISEKI, FIAB, LVA, UHOH, CEPI, AP, CERTH, EFB, ACTIA, SEVT, UCLM, ICOS, SCOOP, AC3A, CONFAGRI, BIC, EfVET, PlantETP

EfVET and LLL-P will lead a search of available frameworks, action plans, materials, studies (ESCO, EQAVET, PanoramaSkills, etc) and how to link them with the project.

To feed this database, all partners will provide information on relevant national practices and will synthesize the outputs of their previous projects that can be used within FIELDS. It is already foreseen that FDE, UHOH, LVA, and SEVT will bring knowledge from the ASKFOOD Erasmus+. UHOH and CONFAGRI will also bring results (e.g. research, best practices) from SMARTCHAIN H2020 and SKIN Csa on short agri food supply chains, NoAW on agricultural waste, EMPHASIS on pest management and soil health, TOMRES on crop resilience to climate change, ReinWaste Interreg on circular economy, Innoseta on new spraying systems Suwanu Europe on water management, PLANET and SAGRI Erasmus+, Food 4 Growth VET, iFAROS ERA-NET SusFood2, I-CON Interreg CE and different EIT Food projects, among others.

UNITO will bring in the results of PLANET for renewable energy training content and entrepreneurship skills from EIT FOOD summer school
 CEPI will share the material collected from the paper sector social dialogue project on skills mapping and mismatches, as well as elements of findings from the SPRING (Skills for the Paper and Printing Industries Next Generation) COSME project to be implemented by CEPI and INTERGRAF over 2019 and 2020.
 In addition, CEPI with the help of his network, will provide the state-of-the-art for the forestry sector.

ICOS will get access to annual surveys and skills needs identified across a number of sectors. ISEKI will use its NEXTFood project, AP will provide relevant studies about digitalisation in agriculture from the Austrian Federal Testing Institute, and other relevant skills studies from the agricultural chambers of Austria and the Rural Training Institute (LFI). FJ-BLT will help also here.

FENACORE will provide inputs from SuWaNu Europe, Weam4i, Life Irriman as well as best cases and practices in term of regional ,national and EU skills and training initiatives on water sustainability, considering also energy consumption and water reuse.
 UCLM will provide methodologies and technologies from FlowAid, Desurvey, SUPROMED and SAFEWATERAFRICA and other european projects to improve the efficiency in the use of natural resources, in particular water and energy in agricultural sector, improving the design and management of the production methods and analysing scenarios for advising farmers and technicians about the most suitable strategies for facing specific situations related with the climate change.

CERTH and EFB will exploit knowledge from the BIOCIRCULAR project which targets at tackling major issues in inefficient and unsustainable farming practices leading to inappropriate application of resources such as artificial fertilisers, non-optimised value chains in the production system, and insufficient data handling and processing.
 BIC will provide the outputs of the survey conducted by the applicants of their BBI JU call “*BBI 2018. SO4.S3 – Identify opportunities to promote careers, education and research activities in the European bio-based industry*”.
 Plant ETP will share recommendation developed in Educational Action Plan and will bring the results from BECOTEPS: Integrated and sustainable bioeconomy in Europe 2030.

Partners will cooperate at national level to make advantage of synergies in their research.

	<p>The database will be available through the project’s website public platform mentioned in T4.3 and will be kept updated during the project lifetime and maintained afterwards, with a devoted unit of UNITO for 4 years , allowing to aggregate and continuously be updated with sectoral knowledge and intelligence at European level. The Database will be further used in T4.3 and integrated as an additional layer on the map</p> <p>The growth strategy of the sector will be summarized through the available material and directives from the EU, producers associations and industries, in a comprehensive report in M6 by UNITO , UHOH, CONFAGRI and WUR.</p> <p><i>D1.1: Stakeholders strategic plans and analysis report (M6)</i> <i>D1.2: Repository of previous projects, results and best practices (M6)</i></p>
Estimated start date	M1
Estimated end date	M6
Lead organisation	UNITO
Participating organisations	All (UNITO, CONFAGRI, WUR, ISEKI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, GAIA, CONFAGRI PT, SCOOP, GZS, LVA, UCLM, AC3A, FIAB, FDE, FENACORE, INFOR, SEVT, LLL-P, ANIA, Plant ETP, EFB, PA, FJ-BLT, EFVET, CEPI, EFFAT, BIC)
Tasks	<p>Task 1.2: Stakeholders strategic mapping and mobilisation (LLL-P), M1- M6</p> <p>LLL-P and EfVET will aggregate an agriculture, forestry and bio-economy education and VET providers’ list. All partners will contribute comprehensive information to LLL-P to feed the list. The database will register and index the providers with their activities, certification, curricula, interest for collaboration, search for partners, language and place. A target of 30 institutes to populate the platform is set for year one and a target of minimum 120 is set until the end of the project.</p> <p>The list will be displayed and made available on the FIELDS platform (map) in T4.3. COPA – COGECA, the European federation of farmers, that exclusively support the project, will provide list of associated partners that could be interested in the training All partners will provide in the platform a list of stakeholders (farmers, farmers’ representatives, farmer’s advisors, foresters’ representatives and advisors, chamber of agriculture, unions, VET providers, universities, trainers, industries, industry representative,) in their network that might have an interest in the project. Those stakeholders will be involved in WP7 and will be contacted to provide specific information when needed. The contact will be extracted from the existing database of the partners and will remain in their property. The common database will be created to comply with the GDPR rules.</p> <p>Another important activity in this tasks will be the classification of the target groups and their accessibility through each partner, under the coordination of CONFAGRI. This will allow to identify potential gaps in the scope and reach of the target groups and plan contingency measures with the support of the partner umbrella organisation networks and the two associated partners (BIC, EFFAT), or the EIP-AGRI groups (under the responsibility of UHOH). This approach will also allow to analyse the evolution of empirical practices towards a structured pedagogical approach aimed at large target groups. The target groups and their segmentation and their reach by partner will be summarised in D1.3 by LLL-P and used in WP2 and WP3.</p>

	<i>D1.3: VET list and classification (M6)</i>
Estimated start date	M1
Estimated end date	M6
Lead organisation	LLL-P
Participating organisations	All (UNITO, CONFAGRI, WUR, ISEKI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, GAIA, CONFAGRI PT, SCOOP, GZS, LVA, UCLM, AC3A, FIAB, FDE, FENACORE, INFOR, SEVT, LLL-P, ANIA, Plant ETP, EFB, PA, FJ-BLT, EFVET, CEPI, EFFAT, BIC)
Tasks	<p>Task 1.3: Country and EU focus groups (ISEKI), M2-M9</p> <p>ISEKI will draft a first version of focus groups conduction guideline in M5. To ensure that all skills needs are covered, partners will revise and complete the guidelines with their own field specific information as follow:</p> <ol style="list-style-type: none"> 1. Agriculture & sustainability: UNITO, CONFAGRI, ICOS, AP, UHOH, GAIA, CONFAGRI PT, SCOOP, GZS, UCLM, AC3A, FENACORE, Plant ETP, PA, FJ-BLT 2. Food Industry and bio-economy: WUR, ISEKI, ICOS, AP, UHOH, CERTH, ACTIA, SCOOP, GZS, LVA, FIAB, SEVT, ANIA, FJ-BLT, 3. Certification, quality assessment and European harmonisation : AERES, INFOR, LLL-P, EFB, EFVET, 4. Digitalisation, Digital Technologies, Big data : UNITO, WUR, UHOH, CERTH, SCOOP, AC3A, FJ-BLT, EFB 5. Forestry: AP, CEPI 6. Water management: UCLM, FENACORE, 7. Soft skills: UNITO, CONFAGRI, INFOR, EFB, <p>The guidelines will be circulated to partners (ICOS, AP, UHOH, CERTH, ACTIA, SCOOP, AC3A, FDE, LLL-P (involvement of their pool of experts)) under the responsibility of ISEKI who will provide the finalised guideline in M6 in English.</p> <p>The focus groups will aim at collecting qualitative data about skills in the agriculture, forestry and bio-economy sector. They will be conducted by inviting at least five different profiles involved in each focus group: education providers, advisors, farmers, foresters, agrifood companies, forest industries and cooperatives. The aim of the focus groups is to gather informations and data about:</p> <ul style="list-style-type: none"> • Identified needs in agriculture and forestry. Needs will be classified into 4 main categories: sustainability, digitalisation, bio-economy and soft skills • Industry needs (extrapolate skills needed in agriculture and forestry based also on industry needs) • Existing training in response to identified needs, and missing training for the identified needs • Identified target groups for the training and curricula definition • Best methods to deliver trainings to each target groups <p>The involvement of the forestry ,food industry, and paper industry and water management specialists is an added value to the project, allowing to directly address the whole value chain needs and responding to the CAP objective for agri food. It also address the concern of the “Strategic approach to EU agricultural research & innovation” to include the food and non-food supply chain in the discussion and develops new business model for farmers tackling the</p>

	<p>lock-in effect the sector often face. Focus groups will bridge the industry (food, wood, fibre and bio-economy) with the farmers, foresters and education providers and provide an overview of the skills needs, skills gaps and training needs in the sector. The whole value chain of the sectors (with a distinction between food, fodder and animals) will be represented ensuring an exhaustive vision of needs.</p> <p>Once the guidelines ready (available in English only, and partner will apply it nationally directly), the following partners will organise national focus groups:</p> <ol style="list-style-type: none"> 1. CONFAGRI with the help of UNITO in Italy 2. ICOS in Ireland. 3. FIAB with the help of UCLM, FENACORE and SCOOP in Spain 4. AERES with the help of WUR in Nederland 5. ISEKI with the help of AP and LVA, JF-BLT. 6. UHOH in Germany, with the help of the Farmers Federation, BLL and BVL 7. EFB with the help of GAIA, SEVT and CERTH . 8. ACTIA will organise a brainstorming session in France with ACTIA experts network. ANIA will organise a focus group in France, with the help of AC3A 9. GZS-ZKZP in Slovenia 10. CEPI will organize a focus group on forestry issues, and will participate to the one organised in Brussels. 11. One focus group will also be organised in Brussels with a more policy oriented focus with the involvement of EU umbrellas organisations: LLL-P, EfVET, ISEKI, FDE, COPA – COGECA RES WP and EIP-AGRI focus groups members. <p>Umbrella organisations (ISEKI, FDE, LLL-P, PlantETP, EfVET, CEPI, EFFAT and Copa Cogeca WP RES) will help each country to gather the five different profiles when they don't cover the whole scope of stakeholders by reaching and directly engaging their networks. EIP-AGRI focus groups will be contacted and used where appropriate to facilitate the organisation. UHOH will lead the contact and involvement of EIP-AGRI focus group.</p> <p>All focus groups will be conducted between M6 and M9 and recorded using high-quality microphone for analysis through IBM Watson Speech to text. The cloud service allows counting the occurrence of keywords. The software will be brought and the analysis will be performed by ISEKI.</p> <p>The outputs of this task will be combined in a deliverable <i>D1.4: Focus group guideline (M6) (ISEKI)</i> <i>D1.5: Focus group analysis (M9) (ISEKI)</i></p>
Estimated start date	M2
Estimated end date	M9
Lead organisation	ISEKI
Participating organisations	UNITO, CONFAGRI, WUR, ISEKI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, GAIA, SCOOP, GZS, LVA, UCLM, AC3A, FIAB, FDE, FENACORE, SEVT, LLL-P, ANIA, PlantETP, EFB, EFVET, CEPI, EFFAT, BIC
Tasks	<p>Task 1.4: Bottom-up surveys (ICOS), M9-M12</p> <p>ICOS will create a draft survey to assess skills needs, skills gaps, training needs and training gaps, in agriculture, forestry and the bio-economy, including green and digital skills needs in M9, considering the outcomes of the Focus Groups (T1.3).</p>

	<p>The survey will be reviewed by T1.3 participants and CONFAGRI, AP, SCOOP, LVA, FENACORE, FIAB, LLL-P, EFB, FJ-BLT and CEPI will validate the questionnaire in M10 making sure all stakeholders point of view is taken into account.</p> <p>The surveys will be translated in country language, and will be available on the website of the project. The partners responsible for the translation of the questionnaire are presented in T4.4. The survey will be web-based, and will be disseminated through partners communication channels (newsletters, website, mailing campaign, social media, meetings, etc).</p> <p>Then, all partners will disseminate the survey and gather feedbacks from a variety of stakeholders from all topics (agriculture, bio-economy, water, forestry, food industry, ...).</p> <p>ICOS will use its experience of conducting annual training needs analysis and skills gap analysis at a national level and in line with the Irish national Skills Strategy. CEPI will carry out similar surveys in the context of its COSME project.</p> <p>At least 300 questionnaires will be analysed by ICOS and ISEKI. The outcomes will be used in the future trend analysis (T1.5) and synthesized in a report in M12.</p> <p><i>D1.6: Web-based questionnaire (M10)</i> <i>D1.7: Survey analysis (M12)</i></p>
Estimated start date	M9
Estimated end date	M12
Lead organisation	ICOS
Participating organisations	All (UNITO, CONFAGRI, WUR, ISEKI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, GAIA, CONFAGRI PT, SCOOP, GZS, LVA, UCLM, AC3A, FIAB, FDE, FENACORE, INFOR, SEVT, LLL-P, , Plant ETP, EFB, PA, FJ-BLT, EFVET, CEPI, EFFAT, BIC)
Tasks	<p>Task 1.5: Future trends analysis (WUR), M8-M15</p> <p>The aim of T1.5 is to create scenarios on the present and future skills needs in the agriculture, forestry and bio-economy sector, linked to the main drivers (emerging technologies, industry and retailers needs, and trends especially) that are influencing the changes.</p> <p>A common methodology for assessing the current and anticipating future needs, as well as monitoring the progress, evolution, demand and supply of skills will be designed by WUR. The methodology will be based on foresight scenarios. A scenario is illustrating aspects of possible future, it doesn't predict it but rather simulate possibilities. The scenarios will allow to define future choices available and their potential consequences. It will be used in the FIELDS project as an analysis tool to help describe possible set of future conditions and skills needs, gaps and mismatch linked to it. Three scenarios will be established for each level (EU and national). Based on previous tasks outputs, the scenarios should be plausible, consistent and have utility (by contributing to specific insights into the future).</p> <p>In order to define the scenarios, partners (WUR, UNITO, ISEKI, PlantETP, ICOS, GAIA, FDE, CONFAGRI, PA, FJ-BLT) will perform a trend study through a deep analysis of the new technologies and innovation in the sector in M10, following COP 21 and UN 2030 SDGs, Akis SCAR scenarios and foresights, interested ETPs strategies and implementation plans, Food 2030 and DG AGRI and DG Research communications and analysis, BBI and Bioeconomy 2050, FACCE and HDHL JPI, SUSFOOD.</p>

	<p>The following trends will be taken into consideration:</p> <ol style="list-style-type: none"> 1. Sectoral growth strategy, with particular emphasis on sustainability 2. Digital technology use, IA use, Big data use 3. Green economy (circular economy and bio-economy included) and forestry issues 4. Soft skills and entrepreneurship <p>CEPI will provide scenarios related to forestry and production for pulp and paper industry. ICOS will benchmark skills development across the EU partner states with particular focus on learning and development initiatives pertaining to agricultural co-operatives and farmer organisations.</p> <p>In addition, ISEKI will refine the scenarios based on outputs of previous tasks. To ensure the scenarios are encompassing the whole value chain, FDE, FIAB will review them from the food industry perspective, CONFAGRI PT, GZS, ICOS, AC3A and SCOOP from the farmers perspective, ACTIA, FENACORE from the sustainability perspective, CEPI, ANIA and BIC from the bio-economy perspective PA, UHOH, CERTH, FJ-BLT from the IT perspective, FENACORE from the water management perspective, the VET providers (INFOR, AERES, AP, EFVET) from education point of view.</p> <p>Each scenario will be documented and analysed to identify present and future skills needs. this report will be carried by WUR.</p> <p><i>D1.8: Scenarios analysis (M15)</i></p>
Estimated start date	M8
Estimated end date	M15
Lead organisation	WUR
Participating organisations	UNITO, CONFAGRI, WUR, ISEKI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, GAIA, CONFAGRI PT, SCOOP, UCLM, AC3A, FIAB, FDE, FENACORE, INFOR, SEVT, LLL-P, ANIA, Plant ETP, PA, FJ-BLT, EFVET, CEPI, EFFAT, BIC

Work package No.	2
Title	Priorities and strategy design (CONFAGRI), M12-M48
Work package/Activity type	<input type="checkbox"/> Preparation <input type="checkbox"/> Management <input checked="" type="checkbox"/> Implementation <i>(The substance of the work planned including production, testing, etc.)</i> <input type="checkbox"/> Quality Assurance and Evaluation <input type="checkbox"/> Dissemination and Exploitation of results

Description	<p>This Work Package lead by CONFAGRI aims to:</p> <ul style="list-style-type: none"> • Perform an analysis of the skill gaps in innovation in agriculture and forestry, related to three areas: Sustainability, Bioeconomy and Digitalisation, by considering also the soft skills • Compare and prioritize the skills in these domains • Develop a general EU strategy to transfer these skills to agriculture and related sectors • Develop 7 specific national road maps • Mobilise knowledge around EU with a transferability framework by matching the national road maps with EU tools (CEDEFOP, ESCO, ECVET, ECTS)
Tasks	<p>Task 2.1: Analysis of skill gaps and new profiles creation (AC3A), M12-M15</p> <p>Following the completion of WP1 activities, their respective outputs will be analysed in order to assess the skill gaps in innovation in agriculture, related to three areas: Sustainability, Bioeconomy and Digitalisation.</p> <p>The aim is to look at future skill needs, the existing training in response to those needs, and to identify gaps. Beside the technical aspects, the soft skills will be included in this analysis. Their implementation is required by stakeholder associations - in particular socio communication skills, business and entrepreneurship skills, staff building skills, some marketing and commercial skills. These skills are often mandatory in the EQAVET certification process and will help the unemployed trainees to enter the marketplace.</p> <p>A detailed baseline of occupational profiles and skills needed in the bio-economy, agriculture and forestry sectors will be established in cooperation with partners. BIC, CEPI, UHOH will be responsible to define the baseline in the bio-economy and forestry sector, while ISEKI, CONFAGRI, CONFAGRI PT, PlantETP, AP, ICOS, UNITO, GAIA, SCOOP, CERTH, EFB, EfVET, LVA (including their experts members) will be responsible to produce it for sustainability. Digitalisation will be taken into account in both sector with the help of CERTH, PA, UHOH and FJ-BLT. INFOR, CONFAGRI, UNITO will be responsible for the soft skills.</p> <p>All present and future skills needs identified will be translated into normed skills and job fiche and compiled in the baseline strategy document in M15 by AC3A. This establishment of a pool of skills will follow skills definition norms in order to be compliant with EU platform (ESCO).</p> <p>Once the profiles are defined, FDE, LVA, ACTIA, FIAB, GZS,SEVT, ANIA, FJ-BLT will review the profiles based on food industry point of view, while FENACORE and UCLM will revise the natural resources and water-related topics of the skills gaps.</p> <p><i>D2.1: Detailed baseline of occupational profiles (M15)</i></p>
Estimated start date	M12
Estimated end date	M15

Lead organisation	AC3A
Participating organisations	UNITO, CONFAGRI, ISEKI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, GAIA, CONFAGRI PT, SCOOP, GZS, LVA, UCLM, AC3A, FIAB, FDE, FENACORE, INFOR, LLL-P, ANIA, PlantETP, EFB, PA, FJ-BLT, EFVET, CEPI, FJ-BLT
Tasks	<p>Task 2.2: Profiles prioritisation (Confagri PT), M14-M18</p> <p>CONFAGRI PT will develop with the support of AERES a prioritisation system and classification of all training needs obtained in the different scenarios of the foresight exercise completed in T1.5 and of the occupational profiles and skills needs defined in T2.1 M15). Partners (UNITO, CONFAGRI, WUR, ICOS, AP, UHOH, SCOOP , INFOR, GZS, AC3A, FIAB, ANIA, EFB, FJ-BLT,, CEPI), led by CONFAGRI PT will participate to the prioritisation by ranking each profiles and needs according to the criteria mentioned below. In order to prioritize the profiles, they will be decoupled in set of skills, mini-modules that will be usable later by a farmer, that has no time and could be interested on a single skill/knowledge.</p> <p>Prioritisations will be realised in a multi-criteria based approach according to the main criteria:</p> <ol style="list-style-type: none"> 1. Criticality. How the skill/knowledge is important to learn other skills and complete the occupational profile. 2. Impact. How achieving a particular skill will impact positively the growth of the sector. 3. Time. How much time it will take to achieve a skill through training activities 4. Volume. How many learners are potentially interested in the skill <p>Each skill will have as a result a rank: a)mandatory, b)important, c)nice to know. The summation of all rankings of the skill, for each curricula/occupational profile will provide a global ranking for the occupational profile that will be discussed among partners and will allow to sort out the occupational profiles made in T2.1. ISEKI will provide the outputs of the focus group and semi-qualitative data (SQD) to help prioritize the skills. ISEKI with CONFAGRI PT will be responsible to combine the ranking and evaluate them against the WP1 outputs.</p> <p>T2.2 will lead to the identification of 10 new job profiles that will be first standardised for transferability in T2.5, before being the basis for curricula design in T3.2.</p> <p><i>D2.2: Prioritised profiles (M18)</i></p>
Estimated start date	M14
Estimated end date	M18
Lead organisation	CONFAGRI PT
Participating organisations	UNITO, CONFAGRI, WUR, ISEKI, ICOS, AERES, AP, UHOH, SCOOP, GZS, UCLM, AC3A, FIAB, INFOR, ANIA, EFB, FJ-BLT, CEPI
Tasks	Task 2.3: European Strategy formulation (WUR), M12-M48

	<p>Based on the results of WP1 and the prioritisation strategy, the partners (led by WUR) will define the EU Action Plan to overcome the skill gaps related to agriculture and forestry, in the three areas of Sustainability, Digitalisation and Bioeconomy, soft skills for the implementation of these concepts in agriculture and forestry using innovative training on these skills.</p> <p>To this exercise, will participate not only agriculture and forestry stakeholders but also agrifood association (buyers of 72% of the EU raw materials) and forest industries, because the three areas above mentioned could improve the efficiency of the sector and marketability of the green products generated by pursuing sustainability, bioeconomy in digitalisation in the agriculture and forestry sector. Thus, the benefits of the action will extend from the primary sector to the whole chain, including the industrial sector, and in turn the consumers as well.</p> <p>The EU strategy will include the key aspects and general guidelines that will be further completed by the roadmap at a national level in order to support knowledge transfer and skill creation for agriculture and forestry: sustainability (natural resources, water and energy, energy saving), digitalisation (precision farming, traceability, big data, IoT, modernisation) bioeconomy (renewable energy production, byproducts and coproducts from value chain in a circular economy approach, by farmers, industries). Soft skills uptake will also be considered (entrepreneurship, staffing, capacities, communication, reputation, business models and plans).</p> <p>The EU strategy will address the following aspects:</p> <ul style="list-style-type: none"> - need to adapt, extend or modify existing skill framework or develop national legislation to support knowledge transfer and skill creation - technological development and training needs - flexible training for professionals and certified training for VET trainees - harmonised standards and quality in training in agriculture - specific apprenticeship schemes/stages for agriculture and agrifood and forestry value chain - dissemination/exploitation of existing results and exchange of best practices - business models to overcome the skill barriers to promote further the collaboration among actors in the supply chain, namely workers, training centres, farmers, other producers and industries. - raise awareness on available innovative skills for agriculture and forestry <p>The target groups are expected to be highly heterogeneous with different fields of interest and various levels of knowledge and transfer needs. Training subjects and methodology will be chosen accordingly in order to achieve a highly acceptable training format. For instance the issue of agriculture sustainability rather needs awareness raising; digitalisation can be taught presenting best practice examples; while the knowledge in bio-economy can optimally be transferred through operational support and guidelines.</p> <p>THE HAB and COPA – COGECA will review the EU strategy.</p> <p>A specific focus will be put on gender and ageing of the worker, with the modification of the communication around the sector and study of trans-generational training scheme.</p> <p>AERES as leader of WP4 and CONFAGRI as leader of WP2 will participate in strategy formulation, for their knowledge on technical training implementation.</p> <p>FDE and PlantETP will connect the Implementation action plan of ETP to this strategy involving SMEs point of view</p> <p>WUR will be responsible for the overall strategy writing and all partners, with more involvement of the farmer representative ones, will participate to the writing and validation. After completion of the training pilots and activities of WP5, the EU strategy will be refined.</p> <p><i>D2.3: European strategy (M21 & M45)</i></p>
Estimated start date	M14

Estimated end date	M48
Lead organisation	WUR
Participating organisations	All
Tasks	<p>Task 2.4: Roadmap formulation and refining (CONFAGRI), M17-M48</p> <p>For practical implementation, due to national differences, the EU strategy (Task 2.3) needs to be adapted to the seven target countries into specific Action Plans.</p> <p>The seven target countries will be the ones where the training pilot will be implemented:</p> <ol style="list-style-type: none"> 1. Austria - FJ-BLT and LVA, AP 2. France - AC3A and ACTIA 3. Finland - PA 4. Italy - CONFAGRI and UNITO 5. The Netherlands - AERES and WUR 6. Spain - UCLM and SCOOP 7. Ireland - ICOS <p>The other partners of the same country will participate in the strategy review as well. The responsible partners will engage in this activity other partners within the consortium or outside if needed.</p> <p>For the completion of this task, the responsible partners will engage relevant stakeholders of the target countries and will establish National Working Groups (NWG). The NWG will be set in the seven target countries where the pilot training will take place, following a multi-actor approach. The NWGs will be composed of at least five members and will organise virtual meetings during the project frame. Also people outside the consortium could be invited.</p> <p>Once the NWGs are established, the activity will start, the national roadmap (Action plan) will take the EU common strategy and hence will establish national roadmaps to match the country needs. These roadmaps will include the country needs, a description of the tasks, in terms of curricula to be offered, target group of the training, awareness actions, resource map implementation, and stakeholders which can move forward the agricultural skill implementation agenda.</p> <p>UNITO, AP, CERTH (Sustainability and Renewable energy), FENACORE (natural resources and water), CERTH, CEPI, UHOH (Bioeconomy and Forestry), EFB, FJ-BLT and PA (precision farming, digital services) will provide content for national formulation on specific topics.</p> <p>Within this task, the VET providers, HEI and training centres will define indicators in order to monitor the implementation of the national action plans during and after the project. The indicators will be tested in the WP 4 – Implementation and will be part of the finalised national roadmap.</p> <p>The task leader will coordinate the development of criteria and indicators for the successful implementation and promotion of skills implementation in agriculture and forestry. The indicators will be assessed by the VET providers and Training centres (AP, INFOR, AERES, PA, UCLM, AC3A, LVA, UNITO, WUR, UHOH). The national leaders of the action plans (CONFAGRI, AERES, AC3A, LVA, FDE, PA) will collect and assess the necessary data in order to quantify the success indicators for the pilot training made in Austria, France, Finland, Italy, The Netherlands, Spain and Ireland. Quantified indicators will be represented in graphics to show their evolution along the project.</p>

	<p>The WP3 (training material) and WP4 (training implementation) will be linked to this task to maximise the alignment and impact of the national action plans. The feedback from the pilot implementation will be collected to improve and refine the national action plans by the end of the project.</p> <p>The refining of the national action plan will follow the outcomes of WP4 (Implementation) and will be done by the responsible partners of the national roadmap.</p> <p><i>D2.4: national roadmaps (M27 (Confidential draft) & M45 (public))</i></p>
Estimated start date	M17
Estimated end date	M48
Lead organisation	CONFAGRI
Participating organisations	All
Tasks	<p>Task 2.5: Transferability framework (LLL-P), M20-M27</p> <p>In order to provide the transferability of the skills and knowledge depicted in the European and national strategy, it is mandatory that the skill design follow the ESCO database, for the VET training.</p> <p>Since the domain are probably quite innovative (sustainability, bioeconomy, digitalisation), the partner responsible of this task (LLL-P) will communicate with ESCO if there are important skills not yet available in the database, to ensure that the training strategy and training design and implementation will allow real uptake of the needed skills in agriculture and forestry.</p> <p>The skills not yet in ESCO will be requested to be inserted as essential skills (are those knowledge, skills and competences that are usually relevant for an occupation, independent of the work context, employer or country) or optional (knowledge, skills and competences that may be relevant or occur when working in an occupation depending on the employer, working context or country (e.g. water sustainability issue could be optional in the sustainability domain). Optional knowledge, skills and competences are very important for job matching because they reflect the diversity of jobs within the same occupation.</p> <p>In addition to the ESCO database, LLL-P ad EfVET (and a few of their members experts in the accreditation process), INFOR and AERES will look at the creation of an open framework to accommodate all relevant existing transferability frameworks like ECVET accreditation on the VET side, or ECTS recognition system on the universities side, along with the EQAVET quality assessment and creation of link with the ECQA platform.</p> <p>AP will involve external organisation (LFI: www.lfi.at) for validation of the framework. EfVET will check the final results on accreditation.</p> <p><i>D2.5: Open transferability framework (M27)</i></p>
Estimated start date	M20

Estimated end date	M27
Lead organisation	LLL-P
Participating organisations	INFOR, AERES, AP, UNITO, EfVET

Work package No.	3
Title	New tools and training design (UNITO), M4-M45
Work package/Activity type	Preparation Management <input checked="" type="checkbox"/> Implementation <i>(The substance of the work planned including production, testing, etc.)</i> Quality Assurance and Evaluation Dissemination and Exploitation of results
Description	<p>This Work Package lead by UNITO aims at creating relevant educational contents and curricula to answer the skill gap identified in WP1 and WP2.</p> <ul style="list-style-type: none"> • Perform an analysis of the methodologies used during the training • Provide the outline of the curricula that will be later implemented at country level • Develop the apprenticeship scheme, for the work-based period that involves agriculture, agri-food and forestry • Develop the training content for online session • Develop the training content for trainers and in-class activities <p>The material will be carefully designed to provide EQF level 4 training in the domains of sustainability, bio-economy and digital skills, to enhance innovation uptake in agriculture, forestry and bio-economy.</p> <p>The training materials will have a common part related to soft skills, and a regional part to match the skills needed by different countries that will carry the training in Europe</p>
Tasks	<p>Task 3.1: Methodology definition (UNITO), M4-M9</p> <p>With the ultimate objective to support innovation and sustainable development in the agricultural, forestry and bio-economy sector, a variety of methods for teaching content and processes that enhance farmer learning of technological and soft skills may be applied. This task consists in defining the pedagogical approach that will be used to develop the training programme in order to enhance farmer learning of technological and soft skills.</p> <p>The material developed for the curricula, will be used in two ways: by farmers, foresters and farm advisors, interested in the skill and not in the ECVET certification, and by students, willing to later work in the sector. The latest will get ECVET certification through a completion of the whole chosen curriculum. The first group, interested in the skills, can access to a personalized pattern, following only the modules he/she needs.</p>

	<p>Several methodologies will be considered: Online learning, microlearning, gamification, flipped classroom, blended learning, peer learning, on-farm demonstration activities, Action-based and participatory learning</p> <p>ICOS will collaborate to analyse the various methodologies. AERES will provide practical hints to make efficient learning scheme for both farmer and foresters and students.</p> <p>Also, the principle adopted to schedule the training (online and in-class activities, work-based periods) will be defined in this task, to maximize the engagement of the learners, and to provide modular training schedule. For this aspect also AP, ISEKI, LVA, UCLM, UHOH will contribute.</p> <p>In this task UNITO will compare different open source Learning management systems, to pick the one to be used to implement the training material and to manage the training.</p> <p>The criteria to select trainers and trainees will be decided by the partners with the lead of INFOR in this task, as well as the EQAVET indicators to be monitored during the training.</p> <p>In M9, a handbook on best practices for learning innovation will be released and made available as part of the strategy design as well as integrated in the platform for future use by VET and education providers. It will also serve as a basis for the FIELDS pilot training content creation and conduction.</p> <p><i>D3.1: Training methodologies (M9)</i></p>
Estimated start date	M4
Estimated end date	M9
Lead organisation	UNITO
Participating organisations	ISEKI, ICOS, AERES, AP, UHOH, LVA, UCLM, INFOR
Tasks	<p>Task 3.2: Curricula design (ICOS), M17-M21</p> <p>Partners under the responsibility of ICOS will develop the outline of 7/10 occupational profiles (at least one per country participating in the training) (EQF and ECVET based) corresponding to job profiles identified in T2.1 and T2.4 , at least one per topic (sustainability, digitalisation, bioeconomy), for two levels: EQF level 4 (farmers, foresters and SMEs) and one for EQF level 5 (students) in line with the sector changing needs in the short to longer term.</p> <p>UNITO, LVA, ISEKI, INFOR, EFB, UHOH, CEPI, CERTH, ICOS, CONFAGRI, EfVET (experts from their network) AC3A will help to design curricula for identified new profiles. The collective expertise will be shared in a coordinated effort and a cooperative structure. FENACORE, GAIA, ACTIA, AERES, FIAB, GZS will review the outlines of the curricula by validating them with education and VET providers from their networks.</p> <p>In this task, the consortium will apply the reverse design: we will start from learning objectives (mainly represented by the ESCO skills and described in a similar manner), what the learner should be able to perform in order to be able to demonstrate his knowledge/skill, the conditions</p>

	<p>in which he will be able to carry out the action, that will be verified through an assessment, and finally the training material that has to be developed in function of learning objectives and assessment of the knowledge.</p> <p>Each occupational profile outline will correspond approximately to 680 h, of which 120 online, 180 in-class, and 360 as a work based period, with 20 more hours for the assessment, that will allow for the EQAVET certification. The number of hours dedicated to sustainability, bio-economy, forestry and digitalisation, soft skills will vary among countries, following the country roadmaps of T2.4, because the distribution among essential, important skills for each topic will vary as well. The VET providers will be involved in this task.</p> <p>In addition to the 7/10 new curricula whose training contents will be created in T3.4 and T3.5 and implemented in T4.2, additional curricula (at least 5) will be created in response to the other priority profiles defined in T2.2. Those curricula will be made available in the T4.3 for future implementation by VET providers involved in the project through T5.4. The curricula will include specific job shadowing periods where appropriate.</p> <p><i>D3.2: Curricula (M21)</i></p>
Estimated start date	M17
Estimated end date	M21
Lead organisation	ICOS
Participating organisations	UNITO, CONFAGRI, ISEKI, ICOS, AERES, UHOH, CERTH, ACTIA, GAIA, GZS, LVA, AC3A, FIAB, FENACORE, INFOR, SEVT, EFB, EFVET, CEPI
Tasks	<p>Task 3.3: Apprenticeship scheme (AERES), M17-M45</p> <p>To complete the training, that will be of EQF level 4, the class activities will be alternated with work-based periods. This tasks will design the apprenticeship scheme considering the COM(2017) 563 on an European Framework for quality and effective apprenticeships. To ensure the quality and effectiveness of apprenticeship schemes, the recommendation covers seven criteria for learning and working conditions and seven criteria are for support the set up and functioning of quality and effective apprenticeships.</p> <p>The apprenticeship scheme will be designed following these criteria, and will have a sufficient number of days - compared to the in-class and online activities, to guarantee the balance between the different training modalities.</p> <p>Both farmer and foresters association and agri-food company and bio-based industry association, VET providers will be engaged in developing these apprenticeship schemes, that will include some days of work based period at the farm, and some days/visits at the food and bio-based products industry. This will include work based periods at forestry related businesses.</p> <p>VET providers (INFOR, AERES, EfVET, LVA, AC3A, PA, UCLM) will consult also the stakeholders (CONFAGRI, PA, FIAB, ACTIA, ANIA, SCOOP, ICOS, LVA, CONFAGRI PT, AP) to finalize a sustainable apprenticeship scheme, based on a first period as a stage, that can be followed by the apprenticeship period. The developed schemes will be used for the countries where the pilot implementation will take place.</p>

	<p>The training on the job schema will be considered as well, for the employed people that are interested in the training.</p> <p>The FIELDS project will make a short pledge to join the European Alliance for Apprenticeships, in M20 in order to prepare materials to be shared through the online platform in T4.3. The objective is to create a database of apprenticeships offers (for trainees and for companies,demand and supply side). The data will also be shared with the EURES@Drop'Pin and a specific focus will be put on digitalisation through the promotion of the Digital Opportunity traineeships initiative. Each partner will provide companies ready to receive apprentice, and format the offer to be displayed on the platform and Drop'Pin.</p> <p>Based on the “Apprenticeship schemes in European countries A cross-nation overview” study from CEDEFOP, an EU approach to apprenticeship will be designed to facilitate mobility of apprentice in Europe and integrated in the T2.3.</p> <p><i>D3.3: Apprenticeship scheme report (M42)</i></p>																
Estimated start date	M17																
Estimated end date	M45																
Lead organisation	AERES																
Participating organisations	UNITO, CONFAGRI, FENACORE, LLL-P, LVA, SEVT, FIAB, AP, EFB, CONFAGRI PT, ACTIA, GAIA, ICOS, SCOOP, UCLM, GZS, ANIA, INFOR, AC3A, UHOH, PA, EfVET, CEPI																
Tasks	<p>Task 3.4: Training content creation and new tools (UCLM), M20-M32</p> <p>This task, lead by UCLM aims at developing the training content for trainees based on the methodological approach defined Task 3.1 and the curricula designed in Task 3.2. The material developed for the curricula, will be used in two ways: by farmers, foresters and farm advisors, interested in the skill and not in the ECVET certification, and by students, willing to later work in the sector. The latest will get ECVET certification through a completion of the whole chosen curriculum. The first group, interested in the skills, can access to a personalized pattern, following only the modules he/she needs.</p> <p>The training programme will be divided into four modules, each part being dedicated to one domain (sustainability, bioeconomy and digitalisation)and one module for common skills, related to worker safety, gender issues, soft skills that is mandatory for achieving the ECVET and EQAVET certification.</p> <table border="1"> <thead> <tr> <th>Module</th> <th>Leader</th> <th>Co-leader</th> <th>Involvement</th> </tr> </thead> <tbody> <tr> <td>Common and soft skills (Horizontal)</td> <td>INFOR</td> <td>EFB</td> <td>ICOS, LVA, AC3A, CONFAGRI, UNITO</td> </tr> <tr> <td>Sustainability</td> <td>UCLM</td> <td>UNITO</td> <td>ICOS, AC3A, AP</td> </tr> <tr> <td>Bio-economy</td> <td>UHOH, CEPI</td> <td>FJ-BLT</td> <td>ICOS, AP</td> </tr> </tbody> </table>	Module	Leader	Co-leader	Involvement	Common and soft skills (Horizontal)	INFOR	EFB	ICOS, LVA, AC3A, CONFAGRI, UNITO	Sustainability	UCLM	UNITO	ICOS, AC3A, AP	Bio-economy	UHOH, CEPI	FJ-BLT	ICOS, AP
Module	Leader	Co-leader	Involvement														
Common and soft skills (Horizontal)	INFOR	EFB	ICOS, LVA, AC3A, CONFAGRI, UNITO														
Sustainability	UCLM	UNITO	ICOS, AC3A, AP														
Bio-economy	UHOH, CEPI	FJ-BLT	ICOS, AP														

	<table border="1"> <tr> <td>Digitalisation</td> <td>CERTH</td> <td>FJ- BLT, PA</td> <td>UHOH, UNITO</td> </tr> </table> <p>The creation of content will be mainly for the online part of the training and will include collection of materials available (including best cases, tools) and implementation of new material and tools to target the EQF level 4, related to both agriculture and forestry issues. The in-class activity will belong to the trainer material, developed in T3.5.</p> <p>The tools will be made/used to transfer high EQF level knowledge to be usable at EQF level 4. Modules will be developed thanks to partners' expertise on the subject and existing training material gathered also from Task 1.1. To allow for maximum flexibility, the training material will be organised on a daily basis. This flexible material will be easily combined in the final training, taking into account the trainees needs, that can differ in term of time availability to follow the training.</p> <p>The material will be country specific, following the curricula outlined in T3.2 and in response of the regional roadmaps (T2.4), and provided in 7 languages (English, Finnish, French, German, Italian, Dutch, Spanish)</p> <p>In addition to each content provider, several partner (ACTIA, FENACORE, FIAB, AERES) will revise the content of the course.</p> <p>The training material for trainers will be placed on the open source Learning management system defined in T3.1</p> <p><i>D3.4: Online training materials (M30)</i></p>	Digitalisation	CERTH	FJ- BLT, PA	UHOH, UNITO					
Digitalisation	CERTH	FJ- BLT, PA	UHOH, UNITO							
Estimated start date	M20									
Estimated end date	M32									
Lead organisation	UCLM									
Participating organisations	UNITO, CONFAGRI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, LVA, UCLM, AC3A, FIAB, FENACORE, INFOR, EFB, PA, FJ-BLT									
Tasks	<p>Task 3.5: Train the trainers materials and tools (AP), M20-M32</p> <p>This task, lead by AP, aims at developing the training content for trainers based on the methodological approach defined Task 3.1 and the curricula designed in Task 3.2.</p> <p>The train-the-trainer material will be divided into four modules, each part being dedicated to one domain (sustainability, bioeconomy and digitalisation) and one module for soft skills and teaching methodology.</p> <table border="1"> <thead> <tr> <th>Module</th> <th>Leader</th> <th>Co-leader</th> </tr> </thead> <tbody> <tr> <td>Soft skills and teaching methodology</td> <td>INFOR, LLL-P, AC3A</td> <td>EF, UNITO, ICOS, CONFAGRI</td> </tr> <tr> <td>Sustainability</td> <td>UCLM</td> <td>UNITO</td> </tr> </tbody> </table>	Module	Leader	Co-leader	Soft skills and teaching methodology	INFOR, LLL-P, AC3A	EF, UNITO, ICOS, CONFAGRI	Sustainability	UCLM	UNITO
Module	Leader	Co-leader								
Soft skills and teaching methodology	INFOR, LLL-P, AC3A	EF, UNITO, ICOS, CONFAGRI								
Sustainability	UCLM	UNITO								

	Bio-economy	UHOH, FJ-BLT, CEPI	AP, EFB
	Digitalisation	CERTH	PA, FJ-BLT, UNITO
	<p>The creation of content will be mainly for the in-class activity, to be used by trainers while delivering the class to trainees, and will include collection of materials available (including best cases, tools, assignments, business cases) , to be used for the in-class activities. The tools and assignment will be provided with examples and solution, to allow the trainer that has little skills in the subject, to run the training himself without additional support.</p> <p>The material developed will focus on the skills chosen for the curricula design, and will follow ESCO skills, and EQAVET guidelines for the implementation on the open-learning platform system.</p> <p>Several partner (ICOS, ACTIA, FENACORE, FIAB, AERES, CONFAGRI) will revise the content of the train-the-trainer material.</p> <p>The train-the-trainer will be also translated in the country languages of the pilot training (T4.2).</p> <p>The training material for trainers will be on the open source Learning management system defined in T3.1</p> <p><i>D3.5: User guide for trainers and train the trainers' session material (M30)</i></p>		
Estimated start date	M20		
Estimated end date	M32		
Lead organisation	AP		
Participating organisations	UNITO, CONFAGRI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, LVA, UCLM, AC3A, FIAB, FENACORE, INFOR, LLL-P, EFB, PA, FJ-BLT, CEPI		

Work package No.	4
Title	Implementation (AERES), M4-M48
Work package/Activity type	Preparation Management <input checked="" type="checkbox"/> Implementation <i>(The substance of the work planned including production, testing, etc.)</i> Quality Assurance and Evaluation Dissemination and Exploitation of results

<p>Description</p>	<p>This Work Package lead by AERES aims at putting into practice the training content created in WP3, through train-the-trainer and trainees pilots, and implementing the platform ade in T1.1 able to display all projects outputs in a friendly manner for future use and uptake at EU level. This WP also contains the translation of all relevant materials that need to be used nationally.</p> <p>Both trainers and trainees will be selected with a fair procedure that will be established by the partners in WP3.</p> <p>Farmers, foresters, professional will be able to follow only the modules they are interested in. The people interested in the initial vocational training have to follow all the modules defined in the curricula they are following so as to get accreditation at national and EU level.</p> <p>The content providers (GAIA, FENACORE, ACTIA, AERES, UNITO, INFOR, EFB, UCLM, CEPI, UHOH, CERTH, PA, ICOS, AP, LVA, CONFAGRI) will provide support on technical issues related to the content during the activities of WP4..</p> <p>12 teachers will follow the trainer’s toolkit while 70 learners will follow the training. The trainers are first trained and then teach the modules to the trainees.</p> <p>Seven different pilots will be conducted in the project, based also on the national roadmaps and action plans:</p> <ol style="list-style-type: none"> 1. Spain: UCLM 2. France: AC3A 3. Italy: INFOR 4. Austria: AP 5. the Netherlands: AERES 6. Finland: PA 7. Ireland: ICOS
<p>Tasks</p>	<p>Task 4.1: Setup and running of Train-the-trainer pilot (AP), M26-M36</p> <p>Selection of trainers in each participating country from M24 to M27.</p> <p>An experiment of the trainers’ training will be running under AP coordination to ensure that trainers have all the necessary elements to monitor themselves the training sessions for the trainees.</p> <p>The trainers will follow the online content developed in WP3, related to content use and in class activities, and then will have a quick look at the online training dedicated to the trainees, provided by task 3.4, in order to have a broad idea about the training content they have to use later. The content providers (INFOR, EFB, UCLM, UNITO, AP, CERTH, PA) will provide support on issues related to it. They will have 2 weeks to look at the online material.</p> <p>After the online phase, they will participate at the in-class training dedicated to them. It will last 3 days and will take place at AP premises.</p> <p>Each stakeholder representative of Agriculture, Forestry and Bioeconomy and VET center (AC3A, ACTIA, AERES, AP, CEPI, CONFAGRI, CONFAGRI PT, UHOH, EFB, GAIA, ICOS, INFOR, LVA, PA, SCOOP, UCLM, UNITO) will provide one trainer and cover its expenses for attending the transnational in-class activity event.</p> <p>Feedback is expected from this experience in order to implement modifications of the trainers’ training were necessary. One satisfaction survey on the activity will be prepared by AP with the collaboration of the training centres. Feedbacks will be collected from this pilot in order to consider modifications of the training content and to helps the definition of the roadmap per country in T2.4.</p> <p>The training material for trainers will be on the open source Learning management system chosen in T3.1</p>

	<p>AP will collect and organize the feedbacks of the trainers to be considered while optimising the trainers' training version.</p> <p><i>D4.1: Feedbacks from trainers (M36)</i></p>
Estimated start date	M26
Estimated end date	M36
Lead organisation	AP
Participating organisations	UNITO, CONFAGRI, ISEKI, AERES, UHOH, ICOS, ACTIA, CERTH, GAIA, CONFAGRI PT, GZS, LVA, UCLM, AC3A, INFOR, EFB, PA, CEPI
Tasks	<p>Task 4.2: Setup and running of Training pilot (AERES), M28-M39</p> <p>The implementation of the training pilots will be running under AERES coordination to ensure the proper functioning of the training. Trainers who participated in task 4.1 will participate as instructors. The training will be offered in country language.</p> <p>Partners of the country where training is offered will select a small number of trainees (minimum 15 per country), in initial (students) and continuing training (farmers, foresters and advisors) following the criteria established in T3.1.</p> <p>For learners in initial training, the training will be followed by a stage/apprenticeship to complete the occupational profile requirement, both at the land and industry level. For farmers or farm advisors and forester the offer will be modular, so they can study only the content they need, and they can skip the work based period. This modularity will offer in practice an infinite number of curricula to the trainees.</p> <p>The small-scale tests will include every module of the training for trainees:</p> <ul style="list-style-type: none"> • The e-learning modules; • The in-class sessions; • The field visits to best cases implementation and industry <p>The training will be performed in the seven following countries:</p> <ol style="list-style-type: none"> 1. Spain: UCLM 2. France: AC3A 3. Italy: INFOR 4. Austria: AP, LVA 5. The Netherlands: AERES 6. Finland: PA 7. Ireland: ICOS <p>For the training, an open source platform - learning management system (LMS) selected in T3.1 will be used to host and monitor the training. The platform will host the country material developed in 7 languages (English, Finnish, French, German, Italian, Dutch, Spanish) .</p> <p>UNITO will provide assistance for the online part of the training.</p> <p>For the people in initial training the VET providers will make the attempt to reach the EQAVET and ECVET certification.</p>


	<p>Also in this phase the content providers (INFOR, EFB, ICOS, AC3A, CONFAGRI, UCLM, UNITO, AP, UHOH, CERTH, FJ-BLT, PA) will provide support to trainers on issues related to it. The feedback will be encouraged through discussion forum to engage farmers, foresters, farm advisors and students to suggest improvements and provide feedback. The system will monitor their activities, in terms of pages visited, assessment made, exercises made and discussion participation.</p> <p>One satisfaction survey on the activity will be prepared by UNITO with the collaboration of the training centres. Feedbacks will be collected on the platform from this experience in order to consider modifications of the training.</p> <p>The comments of trainees will be taken into account and correction of the content will be made. AERES will collect and organize the feedbacks of the trainees while optimising the FIELDS training.</p> <p>The feedback of this activity will be taken into account to finalise the D2.3 and D2.4 and to propose adjustments to the training material.</p> <p><i>D4.2: Report and analysis of the training experimentation (M39)</i></p>
Estimated start date	M28
Estimated end date	M39
Lead organisation	AERES
Participating organisations	UNITO, CONFAGRI, ISEKI, ICOS, AERES, AP, CERTH, UCLM, AC3A, INFOR, EFB, PA, FJ-BLT, CEPI
Tasks	<p>Task 4.3: Map creation, update and use (UNITO), M4-M48</p> <p>In order to make the project outputs visible, usable and easily accessible during and after the project, a database with a geographical map, created to collect resources in T1.1 will be upgraded and made publicly accessible by UNITO. It will allow to display, register, sort, classify all information created in the project and in particular:</p> <ol style="list-style-type: none"> 1. VET providers map with their activities, certification, curricula, interest for collaboration, search for partners, language and place. 2. VET stakeholders 3. Stakeholders interested in the training 4. Stakeholders offering apprenticeship 5. Previous best practices, projects and their outputs 6. Curricula available within the project and outside 7. National and EU frameworks and funding opportunities 8. Public Events made 9. Dissemination material <p>In addition to it, the training curricula in 7 languages will be available on the open Learning Management System for future use and it will available for 4 years after project completion.</p> <p>An additional layer will present a marketplace of apprenticeship in Europe to favorise the mobility of student in their work-based experience. This market place will be fed by T3.3 outputs with the list of farms and companies willing to open apprenticeship positions and the students looking for opportunities. A link will be created with the Eures@Drop'Pin platform so that all offers are open directly there.</p>

	<i>D4.3: Online public platform and map (M12)</i>																																										
Estimated start date	M4																																										
Estimated end date	M48																																										
Lead organisation	UNITO																																										
Participating organisations	All																																										
Tasks	<p>Task 4.4: Translation (CONFAGRI), M4-M48</p> <p>Translation is another task that is very important to ensure the transferability of the strategies and the content from the European level to the regional level. Translation will be required for the website, the dissemination material, the document associated to focus groups and the strategies at regional level. The training material will only be translated in the languages where the training pilots will take place (English, Finnish, French, German, Italian, Dutch, Spanish) . The adaptation of the material to country roadmap (T2.4) and translation will be carried out by the responsible partners presented in the table below. ICOS will review English formulation.</p> <table border="1"> <thead> <tr> <th></th> <th>Course content</th> <th>Dissemination material</th> <th>Other (curricula, strategy, roadmap, ..)</th> </tr> </thead> <tbody> <tr> <td>German</td> <td>UHOH, AP, FJ-BLT</td> <td>LVA</td> <td>UHOH</td> </tr> <tr> <td>Spanish</td> <td>UCLM</td> <td>FIAB/FENACORE</td> <td>SCOOP</td> </tr> <tr> <td>Finnish</td> <td>PA</td> <td>PA</td> <td>PA</td> </tr> <tr> <td>French</td> <td>AC3A</td> <td>ACTIA</td> <td>ANIA</td> </tr> <tr> <td>Italian</td> <td>INFOR/UNITO</td> <td>CONFAGRI</td> <td>CONFAGRI</td> </tr> <tr> <td>Dutch</td> <td>AERES</td> <td>WUR</td> <td>WUR</td> </tr> <tr> <td>Greek</td> <td>Not translated</td> <td>CERTH</td> <td>EFB</td> </tr> <tr> <td>Portuguese</td> <td>Not translated</td> <td>CONFAGRI PT</td> <td>CONFAGRI PT</td> </tr> <tr> <td>Slovenian</td> <td>Not translated</td> <td>GZS-ZKZP</td> <td>GZS-ZKZP</td> </tr> </tbody> </table>				Course content	Dissemination material	Other (curricula, strategy, roadmap, ..)	German	UHOH, AP, FJ-BLT	LVA	UHOH	Spanish	UCLM	FIAB/FENACORE	SCOOP	Finnish	PA	PA	PA	French	AC3A	ACTIA	ANIA	Italian	INFOR/UNITO	CONFAGRI	CONFAGRI	Dutch	AERES	WUR	WUR	Greek	Not translated	CERTH	EFB	Portuguese	Not translated	CONFAGRI PT	CONFAGRI PT	Slovenian	Not translated	GZS-ZKZP	GZS-ZKZP
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Estimated start date	M4																																										
Estimated end date	M48																																										

Lead organisation	CONFAGRI
Participating organisations	UNITO, CONFAGRI, WUR, ICOS, AP, UHOH, CERTH, ACTIA, CONFAGRI PT, SCOOP, GZS, LVA, UCLM, AC3A, FIAB, FENACORE, INFOR, ANIA, EFB, PA, FJ-BLT

Work package No.	5
Title	Long term action plan (ICOS), M7-M48
Work package/Activity type	Preparation Management Implementation <i>(The substance of the work planned including production, testing, etc.)</i> Quality Assurance and Evaluation X Dissemination and Exploitation of results
Description	This Work Package lead by ICOS aims at ensuring the long term sustainability of the strategy and training materials, , its future use and the national roadmaps implementation, as well as the curricula uptake by external VET providers. These aims will be reached with: <ul style="list-style-type: none"> • provision of national and EU regulatory frameworks for training and innovation opportunities • provision of national and EU funding opportunities • design of sustainability plan and future use of the platform, with exploitation of project results • plan for future engagement of the stakeholders
Tasks	Task 5.1: National and EU regulatory frameworks (Confagri PT), M7-M24 This tasks aims at preparing the roll-out of project deliverables at national and regional levels with the relevant governmental and sectoral authorities. In M20, partners will provide the information on the regulatory frameworks in place in each country. The following coverage will be done: <ul style="list-style-type: none"> • FDE will contribute to provide EU regulatory frameworks • CEPI, EFVET and LLL-P will provide EU regulatory frameworks • FENACORE contribute with EU and Spanish regulatory framework for water sustainability and reuse. • SCOOP, FIAB for Spanish • GAIA in Greece • UHOH in Germany • LVA,AP, FJ-BLT in Austria

	<ul style="list-style-type: none"> • ICOS in Ireland • ANIA,AC3A in France • CONFAGRI PT in Portugal • AERES, WUR in Netherlands • CONFAGRI, INFOR in Italy • GZS in Slovenia <p>Once the list combined by CONFAGRI PT in M21, some information about these lists will be included in D2.4. The regulatory framework list will also be uploaded into the platform described in T 4.3</p> <p><i>D5.1: Regulatory framework list (M24)</i></p>
Estimated start date	M7
Estimated end date	M21
Lead organisation	CONFAGRI PT
Participating organisations	CONFAGRI, WUR, ICOS, AERES, UHOH, GAIA, SCOOP, LVA, AC3A, FIAB, FDE, FENACORE, INFOR, ANIA, GZS, CEPI, LLL-P, FJ-BLT, EFVET
Tasks	<p>Task 5.2: Funding opportunities (LLL-P), M7-M24</p> <p>In this task partners will study and list the funding opportunities available to support the skills strategies and the future use of FIELDS' outputs. Two levels will be studied (regional/national and EU levels), each partner will list the regional and national funding opportunities using the EU tender portal and the local authorities materials. The following partners will be responsible for each country:</p> <ol style="list-style-type: none"> 1. Austria: LVA and AP 2. France: ACTIA, AC3A 3. Germany: UHOH 4. Greece: GAIA, SEVT, and CERTH 5. Ireland: ICOS 6. Italy: CONFAGRI and INFOR 7. Netherlands: WUR and AERES 8. Portugal: Confagri PT 9. Spain: FIAB, SCOOP 10. Slovenia: GZS-ZKZP <p>In addition, a general monitoring will be done at EU level by FDE and LLL-P, CEPI, EFVET. The following opportunities at least will be monitored for the EU level: BBI JU, European structural funds, European Fund for Strategic Investment, Erasmus+, COSME, Youth Employment Initiative, Digital Opportunity traineeships, European Investment Bank, INTERREG, FEDER, LIFE, MSCA.</p> <p>Two levels will be sought, the fundings to put into practice the strategy (implementation of training based on the developed curricula, policy making, etc) and fundings to maintain and ensure the future use of the project outputs (platform maintenance and update).</p> <p>All opportunities will be uploaded in the platform made in T4.3 to ensure easy monitoring and use by partners and external stakeholders. If possible the consortium will prepare application to one EU and several national schemes by the end of the project to further implement the training..</p>

	<i>D5.2: Funding opportunity (M24)</i>
Estimated start date	M7
Estimated end date	M21
Lead organisation	LLL-P
Participating organisations	CONFAGRI, WUR, ICOS, AERES, AP, UHOH, CERTH, ACTIA, GAIA, AC3A, CONFAGRI PT, GZS, LVA, FIAB, FDE, INFOR, SEVT, EFVET, CEPI
Tasks	<p>Task 5.3: Platform governance (PA), M37-M48</p> <p>In order to keep the platform online and updated after the project duration, a governance scheme will be prepared by PA, that has wide experience in offering digital services to farmers. The governance body will include - under the UNITO devoted FIELDS unit coordination - VET providers that will further update, disseminate and promote the use of the platform and UNITO will be in charge of maintaining it.</p> <p>The governance body will be defined based on the following structure:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;"> FIELDS' Platform Responsible <i>IT maintenance</i> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center; width: 45%;"> FIELDS' VET providers <i>Update, use and promote</i> </div> <div style="border: 1px solid black; padding: 5px; text-align: center; width: 45%;"> FIELDS' Farmers organisations <i>Disseminate</i> </div> </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; border: 1px solid green; padding: 5px; margin-top: 10px;"> External members <i>Update, use and promote</i> </div> </div> <p>An exploitation plan will also be written by CONFAGRI with the help of ISEKI, starting from M36, it will expose the rules for further exploitation of the training content, the strategy, the curricula, job descriptions, skills sets and all project outputs. The exploitation plan will include the feasibility of some strategies to promote the sustainability of the project:</p>

	<ul style="list-style-type: none"> • free available materials to be offered through social media channels, like youtube and instagram (at least 10 introductory video posted on instagram) • organisation of workshops and social media challenges to promote the usefulness of the training available • organisation of training courses and summer schools at transnational level while engaging farmers and food industries • agreements between HEI and VET to promote joint activities in the topics of the proposal • funding opportunities to apply as a consortium • benefits for registered users of the portal • other actions /opportunities that might arise during the project lifetime <p>The Exploitation Plan will be validated by GAIA, SEVT, SCOOP, LVA, ICOS, CONFAGRI PT, ACTIA.</p> <p><i>D5.3: Exploitation Plan (M 45)</i></p>
Estimated start date	M37
Estimated end date	M48
Lead organisation	PA
Participating organisations	UNITO, CONFAGRI, ISEKI, ICOS, ACTIA, GAIA, SCOOP, LVA, SEVT
Tasks	<p>Task 5.4: Stakeholders future engagement (ISEKI), M37-M48</p> <p>Stakeholders, LLL-P and EFVET will be responsible to create a closer network of VET providers in EU and stakeholders, both from inside and outside the project. CONFAGRI will lead this consultation with the signature of at least 1 Memorandum of Understanding before the end of the project, signed by 50 partners, to start the Sector Skill Alliance. The HAB will participate in defining the memorandum of understanding.</p> <p>The consortium will evaluate concrete possibilities application to one EU and several national schemes before the end of the project to initiate the training phase and promote further the actions of the SSA.</p> <p>In addition to the platform update and maintenance, FIELDS partners will ensure future engagement of stakeholders in the project activities and uptake of the strategy. Stakeholder engagement require 1) consultation, 2)inclusion of strategic stakeholders, 3) provide high level of engagement.</p> <p>Today drivers for engagement are important trends, some of them are touched by this proposal: a) communication and connectivity, touched by freely available dissemination videos and training materials, b) climate change and water resources, touched by the sustainability topic, c) supply chain complexity, touched by food-industry involvement and bio-economy.</p> <p>ISEKI will draft a plan that will consider the above mentioned issues, in order to engage the stakeholders and VET providers. The partners (CONFAGRI, AP, LLL-P, SCOOP, ANIA, ACTIA, AC3A, AERES, LVA, FDE, GAIA, CERTH, FENACORE, FIAB, UHOH, ICOS, GZS, INFOR, CONFAGRI PT, SEVT, PlantETP, EfVET, EFFAT, CEPI, BIC, PA, WUR, UNITO, UCLM) will contribute and validate the plan and will engage their members to use and update the platform</p>

	<i>D5.4: Future engagement plan and Memorandum of understanding (M45)</i>
Estimated start date	M37
Estimated end date	M48
Lead organisation	ISEKI
Participating organisations	All except EFB, FJ-BLT, PlantETP

Work package No.	6
Title	Quality assurance (CERTH), M1-M48
Work package/Activity type	Preparation Management Implementation <i>(The substance of the work planned including production, testing, etc.)</i> X Quality Assurance and Evaluation Dissemination and Exploitation of results
Description	<p>This Work Package lead by CERTH aims to ensure the quality of the outputs of the project, be it the skills profiles, trend scenarios, job description, curricula, training material, the in-class training pilots, the strategy or the roadmaps. Within the quality plan, a risk assessment and risk management plan will be made and will be followed during the project.</p> <p>The Steering Committee will also act as a Quality Committee. The external validation of the created content will be carried at specific moments during the development of the project. In addition external high profiles experts, reunited in an Advisory Board will give the partners their feedback yearly on the project strategies, curricula and training content and activities.</p> <p>As part of the quality assessment, Task 6.4 is dedicated to get the ECVET accreditation of some of FIELDS's initial training.</p>
Tasks	<p>Task 6.1: Quality plan (CERTH), M1-M6</p> <p>The quality Plan will be prepared by CERTH at the project beginning so as to follow up and control the project activities.</p> <p>A High Steering Committee will be in charge of its right implementation, monitoring and planning the project activities. The High Steering Committee will be constituted by a contact person of each WP Leader organisation and chaired by Patrizia Busato, being the project</p>

	<p>coordinator. Individuals in this HSC will be listed in the consortium agreement signed by the project partners.</p> <p>The Quality Plan will include a summary of the expected results and deliverables achieved by each partner and will be uploaded into the intranet. INFOR will develop the evaluation grids for quality assessment of deliverables and reports, and will schedule the quality assessment activities.</p> <p>The risk assessment phase will require each partner to write a report with his concern about the work program before the kick-off meeting. The raised issues will be discussed at the first meeting and will be monitored during the execution of the project. Based on the received reports a risk management plan will be made by UNITO.</p> <p>Both quality plan and risk management plan will be monitored during the execution phase in the WP8 - management.</p> <p>The quality plan will be reviewed by the WP leaders.</p> <p><i>D6.1: Quality Plan (M4)</i> <i>D6.2 Evaluation Grids (M6)</i></p>
Estimated start date	M1
Estimated end date	M6
Lead organisation	CERTH
Participating organisations	UNITO, ISEKI, ICOS, AERES, ACTIA, CONFAGRI, INFOR
Tasks	<p>Task 6.2: Quality assessment (EFB), M5-M48</p> <p>The internal quality assessment will include checking of deliverables and outcomes of the project, and it will be a responsibility of by each WP leader, for deliverables and outcomes pertaining to the WP implementation.</p> <p>The High Steering Committee will act also as a Quality Committee (QC) and will be responsible for internal checking of the material and content when needed.</p> <p>The foreseen check, in addition to all deliverables checking are the following:</p> <p>T1.3: The QC will review the focus groups guideline.</p> <p>T2.3: The QC will review the guidelines to prepare the EU strategy.</p> <p>Tasks 3.4 & 3.5: The QC will review the content of the English version of the trainings before their translation/regionalisation. Partners responsible for the content will optimise the version of the trainings (for trainee and trainers).</p> <p>Task 4.3: The QC will evaluate the platform and recommend potential improvement on the user experience and facility of use.</p>

	<p>Task 5.4: the QC will check the plan for future stakeholders engagement</p> <p><i>D6.3. Internal quality assessment (M48)</i></p>
Estimated start date	M5
Estimated end date	M48
Lead organisation	EFB
Participating organisations	UNITO, ISEKI, ICOS, AERES, ACTIA, CONFAGRI
Tasks	<p>Task 6.3: HAB and External Expert review (EFB), M22-M48</p> <p>Quality insurance is of high importance for the sustainability of the project outputs (curricula, Skills profiles, job description, training methodologies, training programme, platform, ...) and an external review will be performed at mid-term and before the end of the project in Y4.</p> <p>EFB with the help of ICOS, INFOR, AERES, ACTIA, CONFAGRI will define an evaluation methodology for external assessment and to help the quality checks of the evaluators. The QC will review and approve it.</p> <p>UCLM will suggest an EE for sustainability aspects CEPI will suggest an EE for bio-economy and forestry aspects EFB will suggest an EE for digitalisation aspects</p> <p>External evaluators (EE) will perform quality control of the deliverables up to M30. Their checking will be referred to the english version of the outcomes and deliverables, including the training content.</p> <p>The HAB will suggest an external evaluator for the checking of all the final deliverables at M47 before the end of the project. He will do a cross check on the deliverables already checked by other EE, and will look also at all new deliverables made after M30.</p> <p>In addition to it the HAB will perform the following reviews:</p> <p>Task 1.5: HAB will review the future trend analysis and provide feedbacks to the QC who will take them into account</p> <p>Task 2.3: HAB will review the european strategy and provide feedback to the QC who will take them into account before the EE review after M30.</p> <p>Task 5.4: The HAB will review the future engagement plan to ensure the sustainability of the project, long after the end, and will be invited to join the memorandum of understanding for the starting of the Agricultural Sector Skill Alliance</p> <p>The EE will be paid by EFB, CEPI, UCLM, while the external evaluator suggested by the HAB will be paid by UNITO.</p> <p><i>D6.4. EE quality assessment (M32&M48)</i></p>

Estimated start date	M22
Estimated end date	M48
Lead organisation	EFB
Participating organisations	UNITO, CONFAGRI, ISEKI, ICOS, AERES, CERTH, ACTIA, UCLM, CEPI, INFOR, High Advisory Board, External Experts
Tasks	<p>Task 6.4: EQAVET assessment (INFOR), M27-M48</p> <p>INFOR will guide the EQAVET procedure for the training pilot offered in Italy. AERES will provide the process for the Netherlands.</p> <p>The training activities developed within the project will be corresponding with the reference model proposed by the EQAVET guaranteeing a comprehensive quality assurance to learning. INFOR will follow closely all the activities of the project to monitor and document all action needed to get ECVET following the EQAVET guidelines.</p> <p>For quality assurance of the delivery training content we adopt here some of these indicators:</p> <ol style="list-style-type: none"> 1. Indicator n.3. Participation rate. 2. Indicator n. 4. Completion rate. 3. Indicator n. 5. Placement rate. 4. Indicator n. 6. Satisfaction rates. 5. Indicator n. 9. Material quality. <p>These indicators will be monitored by INFOR on trainees and quality content through surveys and other means that have to be defined.</p> <p>The approach for validation and recognition of the learning outcomes will consider the above indicators. This task will allow other interested partners to follow the same procedure in order to get the ECVET skills certification.</p> <p>INFOR will coordinate the action of the other VET providers that participate in the training pilot, to ensure that all pilots can get the ECVET certification of skills. This is connected to the work in Task 2.5 - Transferability of skills, A country guideline will be issued at the end of this task by INFOR and EfVET experts will participate to its creation.</p> <p><i>D6.5: ECVET accreditation report (M42)</i></p>
Estimated start date	M27
Estimated end date	M48
Lead organisation	INFOR
Participating organisations	ICOS, AERES, AP, UCLM, AC3A, PA, EFVET

Work package No.	7
Title	Dissemination and communication (ACTIA), M1-48
Work package/Activity type	Preparation Management Implementation <i>(The substance of the work planned including production, testing, etc.)</i> Quality Assurance and Evaluation X Dissemination and Exploitation of results
Description	This Work Package lead by ACTIA aims to ensure to reach the largest possible target audience while advertising the project results. ACTIA, with its extensive experience in project dissemination will coordinate this WP. In this WP, the network of the associated partners (EFFAT, BIC) and of the entity supporting the project (COPA-COGECA, see letter of support in the annex) will also be used for a wider reach of farmer association and cooperatives. First, a website will be developed to present the project and to promote the project results. Dissemination plan will be developed by ACTIA with the help of the partners to support the outreach of the project to the target audiences in the participating countries and following successful validation to other countries. National and EU stakeholders will also be included. The stakeholder engagement and dissemination plan will be carried out through different means and channel for promotion, with the deployment of many activities in the dissemination campaign that will consider: Facebook, Twitter, newsletters, participation at dissemination events, press releases, distribution of leaflets, YouTube videos and AdWords campaign.
Tasks	Task 7.1: Dissemination plan (LVA), M1-M9 This task aims to define the overall communication and dissemination plan (D7.1, M9) including a common goal for communicating and disseminating the project's objectives outputs, interim and final results. LVA in collaboration with FIAB, CONFAGRI, ACTIA and UNITO will develop it. It will be validated by all project partners during a project meeting. The communication and dissemination plan will outline key dates/ times of dissemination activities based around the dates of deliverables of the WPs. It will segment the target into different groups and identify most efficient methods to ensure project results and strategies are communicated and adopted by EU policy makers and into existing and future legislation at EU and Member states. The communication and dissemination plan will further detail the foreseen communication channels, methods and tools that can maximise the exposure and impact of the project to the largest possible audience and means of measuring communication efforts and impact. It will include feedback loops back to the stakeholders at country and EU level, which can help with the future engagement plan and sustainability of the project. <i>D7.1: Dissemination Plan (M9)</i>
Estimated start date	M1

Estimated end date	M9
Lead organisation	LVA
Participating organisations	UNITO, CONFAGRI, ACTIA, FIAB
Tasks	<p>Task 7.2: Communication and dissemination campaign (FIAB), M1-M48</p> <p>For this task appropriate communication strategies to target different stakeholders will be presented.</p> <p>A project logo and leaflet will be developed by UNITO within the first four months of the project. The leaflet will very simply outline the projects objectives and deliverables, available in the project’s partner languages in hard copy, as well as in electronic format through the project website. FENACORE will help to edit the brochure of the courses and the project. Partners will be responsible for the translation and printing of the leaflet in the corresponding languages (see T4.4). The template of the leaflet will be designed by UNITO and the electronic version will be sent to all partners.</p> <p>FIAB will design and disseminate project templates of associated documents (in word, Powerpoint, publisher and all other necessary programmes) in-line with Erasmus+ guidelines to ensure correct logos & dissemination material is included.</p> <p>UNITO will design and develop a project website within the first six months of the project. It will be created in English and translated into the 9 other project partners’ languages. It will provide an overview of the project, including partners, work plan and packages. Public deliverables, communication and dissemination materials will be available for download from the website. A suggested structure for the site is the following: Home, Project (overview, partners, project development, deliverables), News, Events.</p> <p>The website will be available in the consortium languages.</p> <p>A hosting plan will be purchased for 8 years, to ensure the sustainability of the platform 4 years after the project’s end. A domain name will be bought. The website will be updated periodically throughout the lifetime of the project, including 4 years after the project has been completed, by the UNITO Permanent FIELDS unit. Web analytics tools will be used to monitor website performance.</p> <p>LinkedIn, Facebook, Twitter, Instagram and other relevant social media channels will be used by FIELDS and will be created by FIAB. Each partner will like and repost the project’s account posts from their entity account when existing to increase the scope of reach. The content of the post will be linked to the dissemination content, the project events (survey, focus groups), the project news, project information, attendance to an event, availability of the map, etc. A social media campaign will be used to give FIELDS relevant, direct and immediate engagement with local stakeholder groups, especially during WP1 activities. In addition, for the communication through the social media, FIELDS will adopt the H2020 guidance - social media guide for EU funded R&I projects.</p> <p>For the data protection of the people involved in the different workshops and event, we will respect the EU Directive for General Data Protection Regulation in accordance to the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data. Specific forms will be developed and signed by people interviewed or appearing in a recorded video for dissemination purposes.</p>

	<p>Communication and dissemination campaigns will be developed and implemented to ensure broad awareness rising of the project outcomes to the target groups. Even though the strategy will be detailed in D7.1, some of the actions taken can already be described.</p> <ul style="list-style-type: none"> • Newsletters will be written by FIAB with inputs from WP leaders every 6 months under the direction of FIAB and published to report the main developments achieved in the project and communicated through the different channels presented in the dissemination plan as well as through the stakeholders from each partner database. The newsletter will be issued in english by FIAB, FDE, EfVET, CEPI and LLL-P. Partners responsible for dissemination material will translate the newsletter in their country language and send it out through their network • 7 Communication workshops (LVA, AERES, CONFAGRI, ACTIA, FIAB, ICOS, PA) which will be organised during the project to involve, start the strategy roll-out and engage Farmers, foresters and industry organizations, VET and education providers in each partner country, but also in Europe as a whole. One additional one will be made in Brussels. • Ongoing dissemination to the media will be carried out, including press releases and articles in order to reach the different targeting audience detailed in the D7.1. These articles will be published in relevant journals depending on the public target to be reached. Dissemination towards EIP-AGRI focus group will be performed by UHOH. • FDE will disseminate the project results through the National Food and Drink Industry Federations, and the National Food Technology Platforms to the Food Industry, at the different stages of development of the project. • Videos of interviews will be made during VET training in local languages and posted on the various youtube channels of the partners and on the instagram/youtube channel of the project (AC3A, UCLM, LVA, AP, PA, INFOR, UNITO, ICOS, AERES) • Social media challenge will be implemented among initial training student on instagram to impact learners population by VET and training providers (AC3A, UCLM, LVA, AP, PA, INFOR, UNITO, ICOS, AERES) • Promotion of agriculture careers and gender equality will also be promoted through the project's events • Google AdWords campaign will be issued when the training content is available to impact the target groups by UNITO • A final conference will be organised in Brussels with the help of LLL-P and the umbrella organisations (FDE, Copa Cogeca WP RES; EFFAT, CEPI). <p>The dissemination actions will be monitored by FIAB and the result of the communication will be updated at the yearly meeting and during the virtual meetings.</p> <p><i>D7.2: Public Website (M3)</i> <i>D7.3: Project leaflet and poster (M6)</i> <i>D7.4: Report on dissemination action (M48)</i></p>
Estimated start date	M1

Estimated end date	M48
Lead organisation	FIAB
Participating organisations	All

Work package No.	8								
Title	Project Management (UNITO), M1-M48								
Work package/Activity type	Preparation <input checked="" type="checkbox"/> Management Implementation <i>(The substance of the work planned including production, testing, etc.)</i> Quality Assurance and Evaluation Dissemination and Exploitation of results								
Description	With a large consortium of 32 partners, the FIELDS management WP will be very important to ensure an efficient, smooth and regular management of the project. It aims at ensuring a proper implementation of all tasks while monitoring and mitigating risks. It will also make sure all financial aspects are well managed according to the Erasmus rules and with the best value for money. This WP will implement the tools and structures to reach these goals and will be led by UNITO.								
Tasks	<p>Task 8.1: Decision making and internal communication (UNITO), M1-M48</p> <p>The coordinator, UNITO, shall ensure good communication between the partners. Representatives of the partner organisations will sit in a Steering Committee that will be established at Kick-off meeting.</p> <p>There will be also a High Steering Committee, composed by the WP leaders. UNITO will organise yearly project meetings with all partners. The detailed agenda will be distributed at least 10 days prior to the meeting. The SC consortium will meet once a year as follow:</p> <table border="1"> <thead> <tr> <th>Meeting</th> <th>Date</th> <th>Place</th> <th>Host</th> </tr> </thead> <tbody> <tr> <td>Kick-off</td> <td>M1</td> <td>Turin, Italy</td> <td>UNITO</td> </tr> </tbody> </table>	Meeting	Date	Place	Host	Kick-off	M1	Turin, Italy	UNITO
Meeting	Date	Place	Host						
Kick-off	M1	Turin, Italy	UNITO						

	<table border="1"> <tr> <td>Management Meeting 1 (MM1)</td> <td>M13</td> <td>Vienna, Austria</td> <td>ISEKI/LVA</td> </tr> <tr> <td>MM2</td> <td>M25</td> <td>Paris</td> <td>ANIA</td> </tr> <tr> <td>MM3</td> <td>M37</td> <td>Wageningen, Netherlands</td> <td>WUR</td> </tr> <tr> <td>MM4</td> <td>M45</td> <td>FIAB</td> <td>Spain</td> </tr> <tr> <td>Final conference in Brussels</td> <td>M48</td> <td>FDE</td> <td>Brussels</td> </tr> </table> <p>In addition, the HSC will meet also on M6, M18, M31 and M42, with only representatives of the WP leaders. Other partners are welcome to participate. The HAB with representatives of COPA COGECA will participate to meetings in M13 and M45 upon invitation</p> <p>In addition, a virtual conference call will be organised every 2 months to closely monitor the evolution of tasks and deliverables of the project, A detailed agenda, related to the current WP activities will be sent to partners at least 3 days before each virtual meeting by UNITO. WP leaders and Task leaders will contribute to the agenda. This meeting will aim at discussing pending tasks, tackling possible problems and collecting feedback from the partners on the progress of their tasks in the work packages currently under implementation.</p> <p>It will be the duty of the WP leaders to organise separate virtual conferences to monitor and manage the undergoing activities and deliverable of their WP. In the SC there is a contact person per partner who is responsible for the administrative and financial management and will support the Project Coordinator by reporting necessary information and by providing all documents required by the National agency according to the Erasmus+ projects rules of reporting. The High Steering Committee will manage the project with regards to the Quality Plan established in T6.1 and will act also as a Quality Committee.</p> <p>A Consortium Agreement will be written by UNITO and approved by the entire consortium. It will establish the rules framing the functioning of the consortium as well as the decision making. The Consortium Agreement and the Quality Plan are binding for partners who shall enforce their requirements.</p> <p>To ensure an efficient private communication amongst partners, a private Intranet section will be designed within the project website by UNITO, with the use of an open source CMS (content management system). The private area will contain, the updated contact list, a repository of tasks, activities and deliverables with their status and assignment to a partner, follow-up option of open tasks, an active calendar view, a space for document sharing and the option to download templates, guides, dissemination tools, etc. All deliverables will be stored there. There will also be a forum page reserved to the partners in order to keep in one place their reporting problems or issues that could arise during the project. In this way, everybody joining the conversation at a later stage will know the history behind the last post. The content management system will allow each partner to check his performance against the quality plan.</p> <p><i>D8.1: Consortium Agreement (M1)</i> <i>D8.2: Intranet CMS (M3)</i></p>	Management Meeting 1 (MM1)	M13	Vienna, Austria	ISEKI/LVA	MM2	M25	Paris	ANIA	MM3	M37	Wageningen, Netherlands	WUR	MM4	M45	FIAB	Spain	Final conference in Brussels	M48	FDE	Brussels
Management Meeting 1 (MM1)	M13	Vienna, Austria	ISEKI/LVA																		
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MM4	M45	FIAB	Spain																		
Final conference in Brussels	M48	FDE	Brussels																		
Estimated start date	1																				
Estimated end date	48																				

Lead organisation	UNITO
Participating organisations	All
Tasks	<p>Task 8.2: Administrative and financial management (UNITO), M1-M48</p> <p>UNITO will ensure the efficient administrative, legal and financial management of the project. It will request information to the partners in order to prepare periodic financial reports, for checking the financial status of the activities and the money expenditure, also to fulfill what requested by the Agency in the grant agreement. There will be some virtual meetings to explain in detail the timesheet compilation on the templates provided by the agency</p> <p>To help partners in the financial management a dedicated tool will be provided in the intranet created in T8.1. All budget tables, budget repartition, tasks leaders, WP leaders and deliverables responsables will be displayed directly on the page.</p> <p>Each Task leader is responsible of the preparation of the associated deliverables of its task.</p>
Estimated start date	1
Estimated end date	48
Lead organisation	UNITO
Participating organisations	All
Tasks	<p>Task 8.3: Progress monitoring and risk management (UNITO), M1-M48</p> <p>The risk management plan will be provided by UNITO as a result of the discussion at the first kick off meeting.</p> <p>The WP leaders will monitor each partner involved in their WP in term of performance and will ask the responsible partner to take actions to solve the issue. If the problem persists, the WP leader will report to the HSC, that will make a decision on how to address the issue.</p> <p>UNITO will maintain close communication with each WP leader to ensure the tasks and deliverables are in line with the planning.</p> <p>In addition, each partner will have a login into the intranet to check the activities he/she has to carry out, the status of the deliverables, to upload information about dissemination action, outcomes of the project, and activities carried out.</p> <p>Unexpected risks may arise during the project lifetime. UNITO will be in-charge of the overall risk management plan and the High Steering Committee will be responsible for proactively managing the risks.</p>

	<p>The risk management related tasks will be a part of the agenda of every Project meeting (both HSC and SC) in order to engage the consortium with potential risks and take corrective actions as soon as possible.</p> <p>UNITO will communicate with the Agency, will invite the PO to the meeting and will providing technical and financial reports in due time</p> <p>D8.3 progress reports (M1, M13, M25, M37, M46)</p>
Estimated start date	1
Estimated end date	48
Lead organisation	UNITO
Participating organisations	All

VI.1.2. Results (outputs and outcomes)

Please add tables as necessary.

Expected Result (output or outcome)	Number	D1.1
	Title	Growth Strategy - state of the art
	Type	Report
	Description	This report will present the state of the art of the sector for both stakeholders and training providers
	Due date	M6
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	X <input type="checkbox"/> Public	

	<input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)
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Expected Result (output or outcome)	Number	D1.2
	Title	Repository of previous projects and best practices
	Type	web based database
	Description	This repository will gather relevant project outputs, best practices, policies, initiatives. They will be classified into a database, allowing customised research. It will contain a summary about the findings
	Due date	M6
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public X <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D1.3
	Title	VET and stakeholders lists and classification
	Type	Database
	Description	The database will register and index the stakeholders, VET provider
	Due date	M6
	Language(s)	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian
	Media(s)	Electronic format

Dissemination level	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)
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Expected Result (output or outcome)	Number	D1.4
	Title	Focus group guideline
	Type	Guideline
	Description	The guideline will present the objectives of the focus group, the methodology to conduct it
	Due date	M6
	Language(s)	English
	Media(s)	Electronic and paper format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D1.5
	Title	Focus group analysis
	Type	Report
	Description	The report will present the analysis of the focus group. It will contain information on identified needed skills, training needs, best methods to deliver training per target groups, national difference, trend analysis, general feedback.
	Due date	M9

	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D1.6
	Title	Web-based questionnaire
	Type	Survey
	Description	This deliverable will contain a list of question validated by the consortium and classified into thematics.
	Due date	M10
	Language(s)	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish
	Media(s)	Online
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D1.7
	Title	Survey analysis
	Type	Report
	Description	The report will present the analysis of the survey.

	Due date	M12
	Language(s)	English
	Media(s)	Electronic
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D1.8
	Title	Scenarios analysis
	Type	Report
	Description	This deliverable will present the scenarios, their hypothesis and justification and their consequences. It will contain an executive summary presenting the main trends, their impact and skill needs.
	Due date	M15
	Language(s)	English
	Media(s)	Electronic
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D2.1
	Title	List of occupational profiles
	Type	Report

	Description	The baseline will consist of a list of newly identified occupational profiles and their description of skills, competences, knowledge and qualifications.
	Due date	M15
	Language(s)	English
	Media(s)	Electronic
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D2.2
	Title	Prioritised occupational profiles
	Type	Report
	Description	10 new occupational profiles standardised for transferability.
	Due date	M18
	Language(s)	English
	Media(s)	Electronic
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D2.3
	Title	European strategy

	Type	Report
	Description	This deliverable will present the main outputs of the project. It will encompass the general EU sectoral skills strategy
	Due date	M21 (First confidential draft) & M45
	Language(s)	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish
	Media(s)	Electronic and summary on leaflets
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D2.4
	Title	National Roadmaps
	Type	Roadmap
	Description	The roadmap will present the strategy possible implementation at the national level.
	Due date	M27 (First confidential draft) & M45
	Language(s)	English, German, French, Italian, Dutch, Spanish, Finnish
	Media(s)	Electronic
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

	Number	D2.5
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Expected Result (output or outcome)	Title	Open transferability framework
	Type	Report
	Description	This deliverable will contain country guidelines and references to allow transferability of curricula within Europe.
	Due date	M27
	Language(s)	English, German, French, Italian, Dutch, Spanish, Finnish
	Media(s)	Electronic
Dissemination level	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D3.1
	Title	Training methodologies
	Type	Report
	Description	Report on methodologies used for training and selection on open source platform for training materials and pilots
	Due date	M9
	Language(s)	English
	Media(s)	Electronic
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D3.2
	Title	Curricula
	Type	Report
	Description	This deliverable will present in detail 10 curricula outlines, referred to the prioritised ones.
	Due date	M21
	Language(s)	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish
	Media(s)	Electronic (+ platform layer)
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D3.3
	Title	Apprenticeship scheme report
	Type	Report
	Description	List of apprentice and host companies displayed on the platform and linked with Drop'Pin, with a guideline for apprenticeship schemes
	Due date	M42
	Language(s)	English
	Media(s)	Electronic (+ platform layer)
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D3.4
	Title	Online training materials
	Type	Report
	Description	The report will provide the outline of the training modules for trainees It will contain the four modules (Common and soft skills, Sustainability, Bio-economy, Digitalisation).
	Due date	M30
	Language(s)	English, German, French, Italian, Dutch, Spanish
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D3.5
	Title	User guide for trainers and train the trainers' session material
	Type	Training document
	Description	The user guide for trainers will present the methodology used and will help them to use the online platform and to support their trainees.
	Due date	M30
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D4.1
	Title	Train the trainer report
	Type	Report and analysis
	Description	Report on the train-the-trainer activity.
	Due date	M36
	Language(s)	English
	Media(s)	electronic format
Dissemination level	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D4.2
	Title	Report and analysis of the full training experimentation
	Type	Report
	Description	This report and analysis will present the result of the surveys led during the full training experimentation.
	Due date	M39
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D4.3
	Title	Online public platform and map
	Type	Online platform
	Description	The platform will be hosted online inside the project website and will contain all information about the VET providers, the HEI, the curricula, the funding opportunities, etc.
	Due date	M12 (first version online)
	Language(s)	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish
	Media(s)	Electronics format
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D5.1
	Title	Regulatory framework list
	Type	Report
	Description	The report will list regulatory framework relevant to the project continuation or use of results.
	Due date	M24
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D5.2
	Title	Funding opportunity list
	Type	Report
	Description	report listing all funding opportunities to promote the training and skills uptake
	Due date	M24
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D5.3
	Title	Governance and Exploitation Plan
	Type	Document
	Description	The exploitation Plan will expose the rules for further exploitation of the project outputs (platform, training)
	Due date	M45
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium	

	(including EACEA, Commission services and project reviewers)
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Expected Result (output or outcome)	Number	5.4
	Title	Future engagement plan and Memorandum of understanding
	Type	Report, agreement
	Description	Memorandum of understanding signed by 50 members, from within and outside the consortium, future engagement plan.
	Due date	M45
	Language(s)	English
	Media(s)	Paper
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D6.1
	Title	Quality Plan
	Type	Document
	Description	The Quality Plan will allow to follow up and control the project activities' quality.
	Due date	M4
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential , only for members of the consortium	

	(including EACEA, Commission services and project reviewers)

Expected Result (output or outcome)	Number	D6.2
	Title	Evaluation grids
	Type	Electronic survey
	Description	The evaluation grid will set-up a clear framework for quality assessment.
	Due date	M6
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D6.3
	Title	Internal quality assessment
	Type	report
	Description	The report contain quality assessment of deliverables.
	Due date	M48
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers)	

	X <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)
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Expected Result (output or outcome)	Number	D6.4
	Title	EE quality assessment
	Type	report
	Description	The report contain quality assessment of deliverables made by external evaluators.
	Due date	M32, M48
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) X <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D6.5
	Title	ECVET accreditation report
	Type	Report
	Description	This report will assess the quality of the training following EQAVET guidelines and will provide the result of the accreditation process made by INFOR.
	Due date	M42
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) X <input type="checkbox"/> Confidential, only for members of the consortium	

	(including EACEA, Commission services and project reviewers)
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Expected Result (output or outcome)	Number	D7.1
	Title	Dissemination Plan
	Type	Document
	Description	The Dissemination Plan will contain the definition of the target groups and tailored actions toward each of the target groups.
	Due date	M9
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) X <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D7.2
	Title	Public website
	Type	Website
	Description	The public website will present the project and its results. It will have an important impact on dissemination activities.
	Due date	M3
	Language(s)	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish
	Media(s)	Electronic format
Dissemination level	X <input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers)	

	<input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)
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Expected Result (output or outcome)	Number	D7.3
	Title	Project leaflet and poster
	Type	Project information
	Description	6000 Project leaflets and posters will be distributed during the dissemination events.
	Due date	M6
	Language(s)	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish
	Media(s)	Leaflet, poster
Dissemination level	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D7.4
	Title	Report on dissemination action
	Type	Document
	Description	This document will contain the indication of all the output of the dissemination plan. It will be updated regularly and contain proof of the dissemination campaign.
	Due date	M48
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants	

	(including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)
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Expected Result (output or outcome)	Number	D8.1
	Title	Consortium Agreement
	Type	Contract
	Description	The consortium agreement will be written and signed at the very beginning of the project.
	Due date	M1
	Language(s)	English
	Media(s)	Electronic format and signed copies
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

Expected Result (output or outcome)	Number	D8.2
	Title	Intranet
	Type	Website private area
	Description	The intranet will contain the partner list, the planning, the deliverables.
	Due date	M3
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public	

	<input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)
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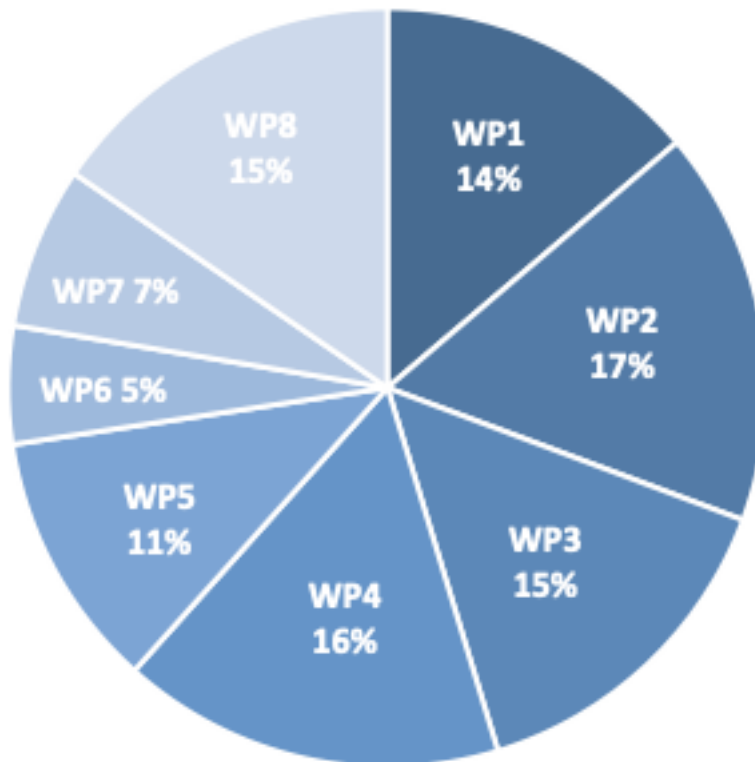
Expected Result (output or outcome)	Number	D8.3
	Title	Progress reports
	Type	Reports
	Description	Progress reports will be written by UNITO after each of the transnational meetings of the SC
	Due date	M1, M13, M25, M37, M46
	Language(s)	English
	Media(s)	Electronic format
Dissemination level	<input type="checkbox"/> Public <input type="checkbox"/> Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) <input checked="" type="checkbox"/> Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers)	

VI.1.3. Explanation of work package expenditures

Please explain what costs will be associated to each work package and covered by scale of unit costs (Recommended limit: 3 000 characters).

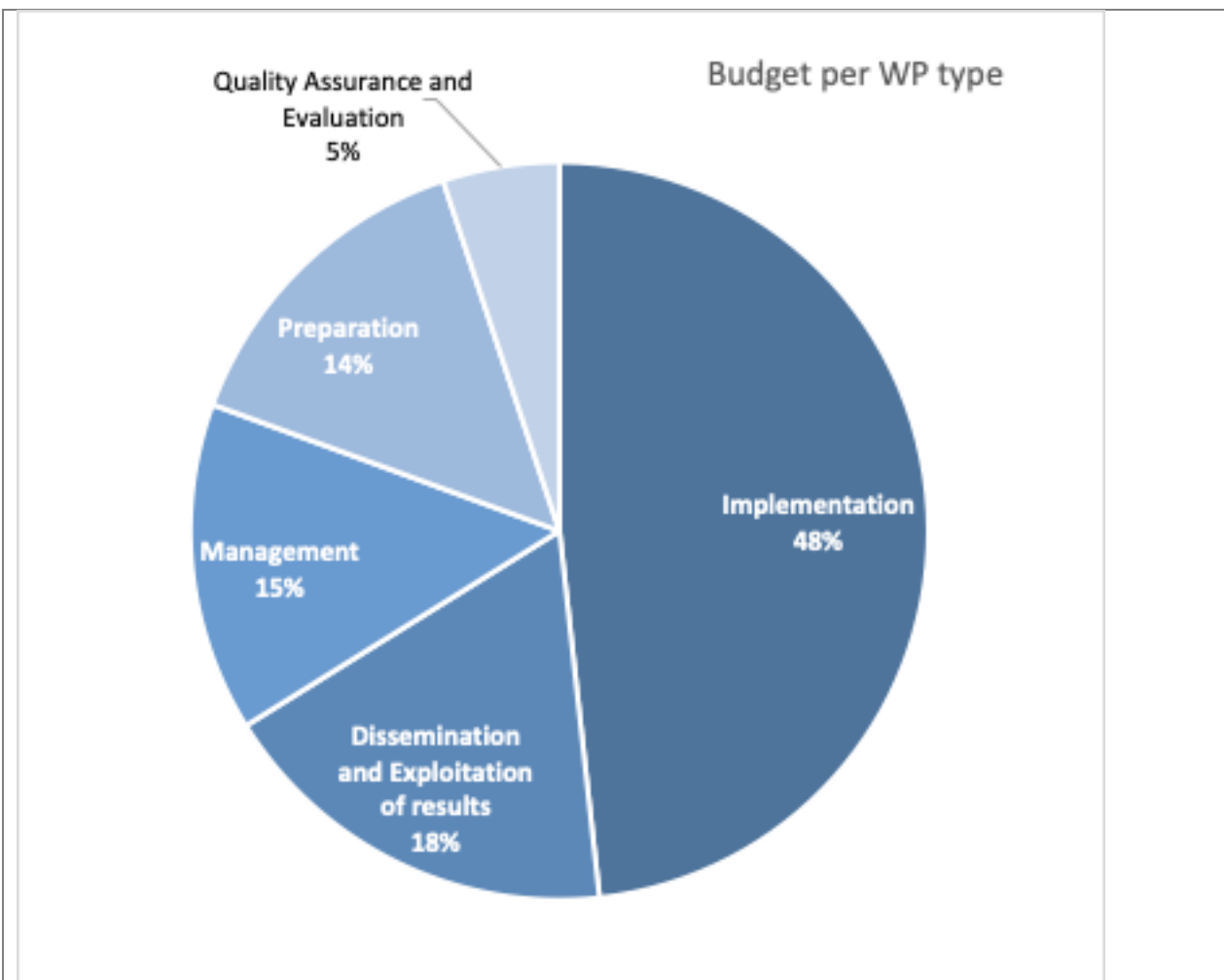
The total asked funding for the project is 3996600 €. The diagrams below summarize effort and costs per work packages. All deliverables, tasks and WP leader have been defined and the budget has been carefully built following a bottom-up approach.

Workload and budget per WP

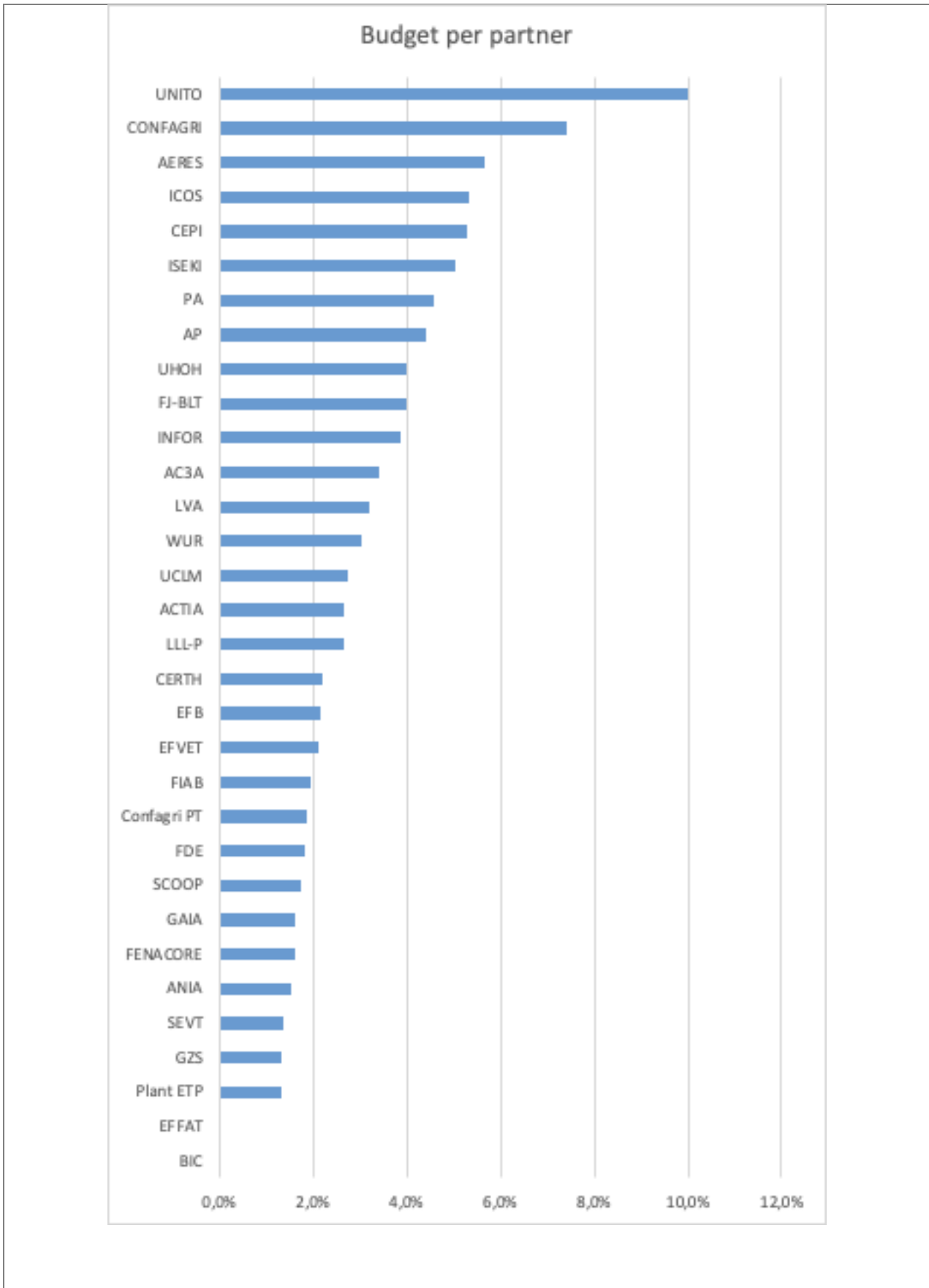


The workload and budget repartition are the same per work package and shown in the diagram above. There is a fair distribution of effort and budget among them, with a natural emphasise on WP2 which will contain all analysis of WP1 outputs and the design of the strategy and roadmaps. WP4 comes second with the implementation of of the training and the development of the project platform to display all outputs. WP3 comes third with the creation of training content, curricula, methodologies and apprenticeship scheme, it is followed by WP8 for project management of a very large consortium and then WP1 which contains all project preparation and gathering of informations. WP5 and WP 7 are related to the dissemination and future engagement of the stakeholders.

The second diagram below, shows the repartition of budget (and effort which are almost the same) per type of WP. Implementation activities represent almost 50% of the project effort and budget. Because the project creates many outputs that will have to be disseminated to ensure a wide take-off of the strategy and its related content, the Exploitation and Dissemination of results comes second with 18% of the budget. This is essential to make sure the skill strategy will be implemented in Europe. Management takes 15% of the effort and budget, which seems reasonable taking into account the large size of the consortium. Preparation takes 14% while Quality Assurance and Evaluation 5%.



The budget per partner is distributed in accordance to each partner involvement. Coordinator and WP leaders come first, followed by tasks leader who will be responsible for the deliverables and coordination of the tasks activities. The coordinator has a larger budget because of the platform creation, WP3 involvement and leadership and project management. EFFAT and BIC as associated partner will cover all their costs internally.



Please copy sections VI.1.1, VI.1.2 and VI.1.3 as needed (with the same format) for each type of work package. Please keep the number of work packages reasonable.

VI.2. Overview of consortium partners involved and resources required

Lot 1, 2, 3: Please add lines as necessary according to number of work packages and partners involved. Please also include in table the information on affiliated entities if any. Please use the same numbering as in the application eForm.

Indicative input of consortium staff - The total number of days per staff category should correspond to the information provided in the budget tables.

No of Work package		Partners/affiliated entities involved (Please use the same numbering as in the application eForm)	Country	Number of staff days					Specific roles and concrete tasks in the work package
				Category	Category	Category	Category	Total	
				1	2	3	4		
1	Skills needs identification								
	Lead partner								WP 1 Leader: 50 days in category 1 and 55 days in category 2 Task 1.1: 15 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 25 days in category 1 and 35 days in category 2 Task 1.4: 12 days in category 2 and 10 days in category 3 Task 1.5: 28 days in category 2
		ISEKI(P4)	Austria	75	155	10	0	240	
		UNITO(P1)	Italy	25	140	0	0	165	Task 1.1: 25 days in category 1 and 80 days in category 2 Task 1.2: 5 days in category 2 Task 1.3: 20 days in category 2 Task 1.4: 5 days in category 2 Task 1.5: 30 days in category 2
		CONFAGRI(P2)	Italy	0	85	0	0	85	Task 1.1: 20 days in category 2 Task 1.2: 25 days in category 2 Task 1.3: 20 days in category 2 Task 1.4: 10 days in category 2 Task 1.5: 10 days in category 2
		WUR(P3)	Nederlands	25	75	0	0	100	Task 1.1: 20 days in category 2 Task 1.2: 5 days in category 2 Task 1.3: 18 days in category 2

									Task 1.4: 5 days in category 2 Task 1.5: 25 days in category 1 and 27 days in category 2
		ICOS(P5)	Ireland	15	100	10	0	125	Task 1.1: 15 days in category 2 Task 1.2: 15 days in category 2 Task 1.3: 30 days in category 2 Task 1.4: 15 days in category 1 and 20 days in category 2 and 10 days in category 3 Task 1.5: 20 days in category 2
		AERES(P6)	Nederlands	0	28	25	0	53	Task 1.2: 18 days in category 2 Task 1.3: 5 days in category 2 and 20 days in category 3 Task 1.4: 5 days in category 3 Task 1.5: 5 days in category 2
		AP(P7)	Austria	0	40	5	0	45	Task 1.1: 10 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 5 days in category 2 Task 1.4: 5 days in category 2 and 5 days in category 3 Task 1.5: 10 days in category 2
		UHOH(P8)	Germany	0	86	25	0	111	Task 1.1: 18 days in category 2 Task 1.2: 20 days in category 2 Task 1.3: 38 days in category 2 and 20 days in category 3 Task 1.4: 5 days in category 3 Task 1.5: 10 days in category 2
		CERTH(P9)	Greece	0	58	0	0	58	Task 1.1: 15 days in category 2 Task 1.2: 18 days in category 2 Task 1.3: 15 days in category 2 Task 1.5: 10 days in category 2
		ACTIA(P10)	France	0	48	0	0	48	Task 1.1: 8 days in category 2 Task 1.2: 15 days in category 2 Task 1.3: 12 days in category 2 Task 1.4: 8 days in category 2 Task 1.5: 5 days in category 2
		GAIA(P11)	Greece	0	60	5	0	65	Task 1.1: 20 days in category 2 Task 1.2: 20 days in category 2

									Task 1.3: 10 days in category 2 Task 1.4: 5 days in category 3 Task 1.5: 10 days in category 2
		Confagri PT(P12)	Portugal	0	43	5	0	48	Task 1.1: 10 days in category 2 Task 1.2: 18 days in category 2 Task 1.3: 10 days in category 2 Task 1.4: 5 days in category 3 Task 1.5: 5 days in category 2
		SCOOP(P13)	Spain	0	45	5	0	50	Task 1.1: 10 days in category 2 Task 1.2: 15 days in category 2 Task 1.3: 5 days in category 2 Task 1.4: 5 days in category 2 and 5 days in category 3 Task 1.5: 10 days in category 2
		GZS(P14)	Slovenia	0	40	5	0	45	Task 1.1: 10 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 20 days in category 2 Task 1.4: 5 days in category 3
		LVA(P15)	Austria	0	40	5	0	45	Task 1.1: 10 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 10 days in category 2 Task 1.4: 10 days in category 2 and 5 days in category 3
		UCLM(P16)	Spain	0	45	5	0	50	Task 1.1: 20 days in category 2 Task 1.2: 15 days in category 2 Task 1.3: 5 days in category 2 Task 1.4: 5 days in category 3 Task 1.5: 5 days in category 2
		AC3A(P17)	France	0	30	5	0	35	Task 1.1: 10 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 5 days in category 2 Task 1.4: 5 days in category 3 Task 1.5: 5 days in category 2
		FIAB(P18)	Spain	0	50	5	0	55	Task 1.1: 10 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 20 days in category 2 Task 1.4: 5 days in category 2 and

									5 days in category 3 Task 1.5: 5 days in category 2
		FDE(P19)	Belgium	10	35	0	0	45	Task 1.1: 10 days in category 2 Task 1.2: 15 days in category 2 Task 1.3: 10 days in category 1 Task 1.5: 10 days in category 2
		FENACORE(P20)	Spain	0	63	0	0	63	Task 1.1: 20 days in category 2 Task 1.2: 18 days in category 2 Task 1.3: 5 days in category 2 Task 1.4: 10 days in category 2 Task 1.5: 10 days in category 2
		INFOR(P21)	Italy	0	10	5	0	15	Task 1.2: 10 days in category 2 Task 1.4: 5 days in category 3
		SEVT(P22)	Greece	20	40	0	0	60	Task 1.1: 10 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 15 days in category 2 Task 1.4: 5 days in category 2 Task 1.5: 20 days in category 1
		LLL-P(P23)	Belgium	20	83	5	0	108	Task 1.1: 10 days in category 2 Task 1.2: 20 days in category 1 and 40 days in category 2 Task 1.3: 18 days in category 2 Task 1.4: 10 days in category 2 and 5 days in category 3 Task 1.5: 5 days in category 2
		ANIA(P24)	France	0	55	0	0	55	Task 1.1: 10 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 20 days in category 2 Task 1.4: 5 days in category 2 Task 1.5: 10 days in category 2
		Plant ETP(P25)	Belgium	40	0	0	0	40	Task 1.1: 10 days in category 1 Task 1.2: 10 days in category 1 Task 1.3: 10 days in category 1 Task 1.5: 10 days in category 1
		EFB(P26)	Greece	20	40	0	0	60	Task 1.1: 10 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 20 days in category 1

									Task 1.4: 10 days in category 2 Task 1.5: 10 days in category 2
		PA(P27)	Finland	0	110	5	0	115	Task 1.1: 50 days in category 2 Task 1.2: 15 days in category 2 Task 1.3: 5 days in category 2 Task 1.4: 10 days in category 2 and 5 days in category 3 Task 1.5: 30 days in category 2
		FJ-BLT(P28)	Austria	20	85	0	0	105	Task 1.1: 20 days in category 2 Task 1.2: 10 days in category 2 Task 1.3: 20 days in category 2 Task 1.4: 10 days in category 1 and 15 days in category 2 Task 1.5: 10 days in category 1 and 20 days in category 2
		EFVET(P29)	Belgium	0	56	0	0	56	Task 1.1: 18 days in category 2 Task 1.2: 18 days in category 2 Task 1.3: 10 days in category 2 Task 1.4: 5 days in category 2 Task 1.5: 5 days in category 2
		CEPI(P30)	Belgium	30	73	5	0	108	Task 1.1: 30 days in category 1 and 20 days in category 2 Task 1.2: 18 days in category 2 Task 1.3: 20 days in category 2 Task 1.4: 5 days in category 2 and 5 days in category 3 Task 1.5: 10 days in category 2
Subtotal				300	1818	135	0	2253	
2	Priorities and strategy design								
	Lead partner								
		CONFAGRI(P2)	Italy	101	160	180	0	441	WP 2 Leader: 40 days in category 1 and 30 days in category 2 Task 2.1: 30 days in category 1 Task 2.2: 50 days in category 2 Task 2.3: 15 days in category 1 and 40 days in category 2 and 90 days in category 3 Task 2.4: 16 days in category 1 and

									40 days in category 2 and 90 days in category 3
		UNITO(P1)	Italy	0	103	0	0	103	Task 2.1: 18 days in category 2 Task 2.2: 5 days in category 2 Task 2.3: 20 days in category 2 Task 2.4: 50 days in category 2 Task 2.5: 10 days in category 2
		WUR(P3)	Nederlands	25	115	0	0	140	Task 2.2: 5 days in category 2 Task 2.3: 25 days in category 1 and 60 days in category 2 Task 2.4: 50 days in category 2
		ISEKI(P4)	Austria	0	85	0	0	85	Task 2.1: 18 days in category 2 Task 2.2: 27 days in category 2 Task 2.3: 20 days in category 2 Task 2.4: 20 days in category 2
		ICOS(P5)	Ireland	0	106	0	0	106	Task 2.1: 18 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 18 days in category 2 Task 2.4: 60 days in category 2
		AERES(P6)	Nederlands	0	142	0	0	142	Task 2.1: 5 days in category 2 Task 2.2: 15 days in category 2 Task 2.3: 27 days in category 2 Task 2.4: 65 days in category 2 Task 2.5: 30 days in category 2
		AP(P7)	Austria	0	106	0	0	106	Task 2.1: 18 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 10 days in category 2 Task 2.4: 38 days in category 2 Task 2.5: 30 days in category 2
		UHOH(P8)	Germany	0	60	0	0	60	Task 2.1: 27 days in category 2 Task 2.2: 5 days in category 2 Task 2.3: 18 days in category 2 Task 2.4: 10 days in category 2
		CERTH(P9)	Greece	10	31	0	0	41	Task 2.1: 10 days in category 1 and 8 days in category 2 Task 2.3: 5 days in category 2 Task 2.4: 18 days in category 2

		ACTIA(P10)	France	0	58	0	0	58	Task 2.1: 10 days in category 2 Task 2.3: 18 days in category 2 Task 2.4: 30 days in category 2
		GAIA(P11)	Greece	0	76	0	0	76	Task 2.1: 18 days in category 2 Task 2.3: 20 days in category 2 Task 2.4: 38 days in category 2
		Confagri PT(P12)	Portugal	25	76	0	0	101	Task 2.1: 18 days in category 2 Task 2.2: 25 days in category 1 and 48 days in category 2 Task 2.3: 10 days in category 2
		SCOOP(P13)	Spain	20	108	0	0	128	Task 2.1: 10 days in category 1 and 30 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 20 days in category 2 Task 2.4: 10 days in category 1 and 48 days in category 2
		GZS(P14)	Slovenia	0	25	0	0	25	Task 2.1: 10 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 5 days in category 2
		LVA(P15)	Austria	0	45	0	0	45	Task 2.1: 10 days in category 2 Task 2.3: 5 days in category 2 Task 2.4: 30 days in category 2
		UCLM(P16)	Spain	0	79	0	0	79	Task 2.1: 18 days in category 2 Task 2.2: 5 days in category 2 Task 2.3: 18 days in category 2 Task 2.4: 38 days in category 2
		AC3A(P17)	France	25	103	0	0	128	Task 2.1: 25 days in category 1 and 48 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 5 days in category 2 Task 2.4: 40 days in category 2
		FIAB(P18)	Spain	0	30	0	0	30	Task 2.1: 10 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 5 days in category 2 Task 2.4: 5 days in category 2
		FDE(P19)	Belgium	10	30	0	0	40	Task 2.1: 10 days in category 2 Task 2.3: 10 days in category 1 and 20 days in category 2

		FENACORE(P20)	Spain	0	74	0	0	74	Task 2.1: 18 days in category 2 Task 2.3: 18 days in category 2 Task 2.4: 38 days in category 2
		INFOR(P21)	Italy	0	91	0	0	91	Task 2.2: 10 days in category 2 Task 2.3: 5 days in category 2 Task 2.4: 38 days in category 2 Task 2.5: 38 days in category 2
		SEVT(P22)	Greece	0	31	0	0	31	Task 2.1: 10 days in category 2 Task 2.3: 21 days in category 2
		LLL-P(P23)	Belgium	25	50	0	0	75	Task 2.1: 5 days in category 2 Task 2.3: 5 days in category 2 Task 2.5: 25 days in category 1 and 40 days in category 2
		ANIA(P24)	France	0	50	0	0	50	Task 2.1: 10 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 12 days in category 2 Task 2.4: 18 days in category 2
		Plant ETP(P25)	Belgium	23	0	0	0	23	Task 2.1: 10 days in category 1 Task 2.3: 13 days in category 1
		EFB(P26)	Greece	10	39	0	0	49	Task 2.1: 10 days in category 1 and 10 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 5 days in category 2 Task 2.4: 14 days in category 2
		PA(P27)	Finland	0	103	0	0	103	Task 2.1: 18 days in category 2 Task 2.3: 5 days in category 2 Task 2.4: 80 days in category 2
		FJ-BLT(P28)	Austria	0	120	0	0	120	Task 2.1: 25 days in category 2 Task 2.2: 25 days in category 2 Task 2.3: 20 days in category 2 Task 2.4: 50 days in category 2
		EFVET(P29)	Belgium	0	63	0	0	63	Task 2.1: 5 days in category 2 Task 2.3: 20 days in category 2 Task 2.5: 38 days in category 2
		CEPI(P30)	Belgium	0	138	0	0	138	Task 2.1: 18 days in category 2 Task 2.2: 10 days in category 2 Task 2.3: 80 days in category 2 Task 2.4: 30 days in category 2

Subtotal				274	2297	180	0	2751	
3	New tools and training design								
	Lead partner								WP 3 Leader: 40 days in category 1 and 27 days in category 2 Task 3.1: 25 days in category 1 and 60 days in category 2 Task 3.3: 18 days in category 2 Task 3.4: 70 days in category 2 Task 3.5: 38 days in category 2
		UNITO(P1)	Italy	65	213	0	0	278	
		CONFAGRI(P2)	Italy	0	66	0	0	66	Task 3.2: 20 days in category 2 Task 3.3: 10 days in category 2 Task 3.4: 18 days in category 2 Task 3.5: 18 days in category 2
		ISEKI(P4)	Austria	0	40	0	0	40	Task 3.1: 20 days in category 2 Task 3.2: 20 days in category 2
		ICOS(P5)	Ireland	20	81	0	0	101	Task 3.1: 18 days in category 2 Task 3.2: 20 days in category 1 and 25 days in category 2 Task 3.3: 18 days in category 2 Task 3.4: 10 days in category 2 Task 3.5: 10 days in category 2
		AERES(P6)	Nederlands	28	147	0	0	175	Task 3.1: 30 days in category 2 Task 3.2: 27 days in category 2 Task 3.3: 28 days in category 1 and 55 days in category 2 Task 3.4: 20 days in category 2 Task 3.5: 15 days in category 2
		AP(P7)	Austria	25	97	0	0	122	Task 3.1: 27 days in category 2 Task 3.3: 10 days in category 2 Task 3.4: 30 days in category 2 Task 3.5: 25 days in category 1 and 30 days in category 2
		UHOH(P8)	Germany	0	184	0	0	184	Task 3.1: 27 days in category 2 Task 3.2: 27 days in category 2 Task 3.3: 10 days in category 2 Task 3.4: 60 days in category 2 Task 3.5: 60 days in category 2

		CERTH(P9)	Greece	44	27	0	0	71	Task 3.2: 27 days in category 2 Task 3.4: 22 days in category 1 Task 3.5: 22 days in category 1
		ACTIA(P10)	France	0	22	0	0	22	Task 3.2: 12 days in category 2 Task 3.5: 10 days in category 2
		GAIA(P11)	Greece	0	10	0	0	10	Task 3.2: 10 days in category 2
		Confagri PT(P12)	Portugal	0	18	0	0	18	Task 3.3: 18 days in category 2
		SCOOP(P13)	Spain	0	20	0	0	20	Task 3.3: 20 days in category 2
		GZS(P14)	Slovenia	0	20	0	0	20	Task 3.2: 10 days in category 2 Task 3.3: 10 days in category 2
		LVA(P15)	Austria	0	84	0	0	84	Task 3.1: 27 days in category 2 Task 3.2: 27 days in category 2 Task 3.3: 10 days in category 2 Task 3.4: 10 days in category 2 Task 3.5: 10 days in category 2
		UCLM(P16)	Spain	25	167	0	0	192	Task 3.1: 27 days in category 2 Task 3.3: 20 days in category 2 Task 3.4: 25 days in category 1 and 60 days in category 2 Task 3.5: 60 days in category 2
		AC3A(P17)	France	0	65	0	0	65	Task 3.2: 18 days in category 2 Task 3.3: 27 days in category 2 Task 3.5: 20 days in category 2
		FIAB(P18)	Spain	0	58	0	0	58	Task 3.2: 20 days in category 2 Task 3.3: 10 days in category 2 Task 3.4: 18 days in category 2 Task 3.5: 10 days in category 2
		FENACORE(P20)	Spain	53	30	0	0	83	Task 3.2: 23 days in category 1 Task 3.3: 10 days in category 2 Task 3.4: 30 days in category 1 Task 3.5: 20 days in category 2
		INFOR(P21)	Italy	0	142	0	0	142	Task 3.1: 10 days in category 2 Task 3.2: 18 days in category 2 Task 3.3: 38 days in category 2 Task 3.4: 38 days in category 2 Task 3.5: 38 days in category 2

		SEVT(P22)	Greece	0	20	0	0	20	Task 3.2: 10 days in category 2 Task 3.3: 10 days in category 2
		LLL-P(P23)	Belgium	0	10	0	0	10	Task 3.3: 10 days in category 2
		ANIA(P24)	France	0	18	0	0	18	Task 3.3: 18 days in category 2
		EFB(P26)	Greece	40	57	0	0	97	Task 3.2: 27 days in category 2 Task 3.3: 10 days in category 2 Task 3.4: 20 days in category 1 and 10 days in category 2 Task 3.5: 20 days in category 1 and 10 days in category 2
		PA(P27)	Finland	0	108	0	0	108	Task 3.3: 20 days in category 2 Task 3.4: 48 days in category 2 Task 3.5: 40 days in category 2
		FJ-BLT(P28)	Austria	20	120	0	0	140	Task 3.4: 10 days in category 1 and 60 days in category 2 Task 3.5: 10 days in category 1 and 60 days in category 2
		EFVET(P29)	Belgium	0	35	0	0	35	Task 3.2: 20 days in category 2 Task 3.3: 15 days in category 2
		CEPI(P30)	Belgium	76	178	0	0	254	Task 3.2: 38 days in category 2 Task 3.3: 30 days in category 2 Task 3.4: 36 days in category 1 and 55 days in category 2 Task 3.5: 40 days in category 1 and 55 days in category 2
Subtotal				396	2037	0	0	2433	
4	Implementation and pilots								
	Lead partner								
		AERES(P6)	Nederlands	50	118	70	0	238	WP 4 Leader: 25 days in category 1 and 10 days in category 2 Task 4.1: 30 days in category 2 Task 4.2: 25 days in category 1 and 50 days in category 2 and 20 days in category 3 Task 4.3: 18 days in category 2 Task 4.4: 10 days in category 2 and 50 days in category 3

		UNITO(P1)	Italy	25	173	0	0	198	Task 4.1: 60 days in category 2 Task 4.2: 65 days in category 2 Task 4.3: 25 days in category 1 and 48 days in category 2
		CONFAGRI(P2)	Italy	25	98	40	0	163	Task 4.1: 20 days in category 2 Task 4.2: 10 days in category 2 Task 4.3: 18 days in category 2 Task 4.4: 25 days in category 1 and 50 days in category 2 and 40 days in category 3
		WUR(P3)	Nederlands	0	25	15	0	40	Task 4.3: 20 days in category 2 Task 4.4: 5 days in category 2 and 15 days in category 3
		ISEKI(P4)	Austria	0	58	0	0	58	Task 4.1: 20 days in category 2 Task 4.2: 20 days in category 2 Task 4.3: 18 days in category 2
		ICOS(P5)	Ireland	0	73	0	0	73	Task 4.1: 20 days in category 2 Task 4.2: 35 days in category 2 Task 4.3: 18 days in category 2
		AP(P7)	Austria	25	103	60	0	188	Task 4.1: 25 days in category 1 and 38 days in category 2 Task 4.2: 30 days in category 2 and 60 days in category 3 Task 4.3: 25 days in category 2 Task 4.4: 10 days in category 2
		UHOH(P8)	Germany	0	113	0	0	113	Task 4.1: 26 days in category 2 Task 4.2: 10 days in category 2 Task 4.3: 27 days in category 2 Task 4.4: 50 days in category 2
		CERTH(P9)	Greece	60	18	0	0	78	Task 4.1: 20 days in category 1 Task 4.2: 10 days in category 2 Task 4.3: 10 days in category 1 and 8 days in category 2 Task 4.4: 30 days in category 1
		ACTIA(P10)	France	0	35	15	0	50	Task 4.1: 20 days in category 2 Task 4.3: 10 days in category 2 Task 4.4: 5 days in category 2 and 15 days in category 3

		GAIA(P11)	Greece	0	45	0	0	45	Task 4.1: 20 days in category 2 Task 4.3: 25 days in category 2
		Confagri PT(P12)	Portugal	0	55	30	0	85	Task 4.1: 20 days in category 2 Task 4.3: 15 days in category 2 Task 4.4: 20 days in category 2 and 30 days in category 3
		SCOOP(P13)	Spain	0	50	0	0	50	Task 4.1: 20 days in category 2 Task 4.3: 20 days in category 2 Task 4.4: 10 days in category 2
		GZS(P14)	Slovenia	40	68	0	0	108	Task 4.1: 20 days in category 2 Task 4.3: 10 days in category 1 and 18 days in category 2 Task 4.4: 30 days in category 1 and 30 days in category 2
		LVA(P15)	Austria	0	50	30	0	80	Task 4.1: 20 days in category 2 Task 4.3: 20 days in category 2 Task 4.4: 10 days in category 2 and 30 days in category 3
		UCLM(P16)	Spain	0	91	100	0	191	Task 4.1: 27 days in category 2 and 20 days in category 3 Task 4.2: 27 days in category 2 and 40 days in category 3 Task 4.3: 27 days in category 2 Task 4.4: 10 days in category 2 and 40 days in category 3
		AC3A(P17)	France	0	100	60	0	160	Task 4.1: 40 days in category 2 Task 4.2: 40 days in category 2 and 20 days in category 3 Task 4.3: 10 days in category 2 Task 4.4: 10 days in category 2 and 40 days in category 3
		FIAB(P18)	Spain	0	20	30	0	50	Task 4.3: 10 days in category 2 Task 4.4: 10 days in category 2 and 30 days in category 3
		FDE(P19)	Belgium	0	10	0	0	10	Task 4.3: 10 days in category 2
		FENACORE(P20)	Spain	0	28	0	0	28	Task 4.3: 18 days in category 2 Task 4.4: 10 days in category 2

		INFOR(P21)	Italy	0	67	70	0	137	Task 4.1: 20 days in category 2 Task 4.2: 27 days in category 2 and 40 days in category 3 Task 4.3: 10 days in category 2 Task 4.4: 10 days in category 2 and 30 days in category 3
		SEVT(P22)	Greece	0	35	0	0	35	Task 4.3: 35 days in category 2
		LLL-P(P23)	Belgium	0	18	0	0	18	Task 4.3: 18 days in category 2
		ANIA(P24)	France	0	15	0	0	15	Task 4.3: 10 days in category 2 Task 4.4: 5 days in category 2
		Plant ETP(P25)	Belgium	19	0	0	0	19	Task 4.3: 19 days in category 1 and 0 days in category 2
		EFB(P26)	Greece	15	63	0	0	78	Task 4.1: 20 days in category 2 Task 4.2: 10 days in category 2 Task 4.3: 18 days in category 2 Task 4.4: 15 days in category 1 and 15 days in category 2
		PA(P27)	Finland	0	105	90	0	195	Task 4.1: 20 days in category 2 Task 4.2: 40 days in category 2 and 40 days in category 3 Task 4.3: 30 days in category 2 Task 4.4: 15 days in category 2 and 50 days in category 3
		FJ-BLT(P28)	Austria	20	60	0	0	80	Task 4.2: 20 days in category 2 Task 4.3: 40 days in category 2 Task 4.4: 20 days in category 1
		EFVET(P29)	Belgium	0	18	0	0	18	Task 4.3: 18 days in category 2
		CEPI(P30)	Belgium	0	73	0	0	73	Task 4.1: 20 days in category 2 Task 4.2: 38 days in category 2 Task 4.3: 15 days in category 2
Subtotal				279	1785	610	0	2674	
5	Sustainable action plan								
	Lead partner	ICOS(P5)	Ireland	30	127	0	0	157	WP 5 Leader: 30 days in category 1 and 25 days in category 2 Task 5.1: 25 days in category 2 Task 5.2: 27 days in category 2

									Task 5.3: 20 days in category 2 Task 5.4: 30 days in category 2
		UNITO(P1)	Italy	20	55	0	0	75	Task 5.3: 20 days in category 1 and 45 days in category 2 Task 5.4: 10 days in category 2
		CONFAGRI(P2)	Italy	10	170	0	0	180	Task 5.1: 48 days in category 2 Task 5.2: 38 days in category 2 Task 5.3: 60 days in category 2 Task 5.4: 10 days in category 1 and 24 days in category 2
		WUR(P3)	Nederlands	0	53	0	0	53	Task 5.1: 25 days in category 2 Task 5.2: 18 days in category 2 Task 5.4: 10 days in category 2
		ISEKI(P4)	Austria	25	80	0	0	105	Task 5.3: 40 days in category 2 Task 5.4: 25 days in category 1 and 40 days in category 2
		AERES(P6)	Nederlands	0	20	0	0	20	Task 5.1: 10 days in category 2 Task 5.2: 5 days in category 2 Task 5.4: 5 days in category 2
		AP(P7)	Austria	0	43	0	0	43	Task 5.1: 20 days in category 2 Task 5.2: 18 days in category 2 Task 5.4: 5 days in category 2
		UHOH(P8)	Germany	0	81	0	0	81	Task 5.1: 44 days in category 2 Task 5.2: 27 days in category 2 Task 5.4: 10 days in category 2
		CERTH(P9)	Greece	0	25	0	0	25	Task 5.1: 15 days in category 2 Task 5.2: 5 days in category 2 Task 5.4: 5 days in category 2
		ACTIA(P10)	France	0	30	0	0	30	Task 5.2: 10 days in category 2 Task 5.3: 10 days in category 2 Task 5.4: 10 days in category 2
		GAIA(P11)	Greece	0	105	0	0	105	Task 5.1: 35 days in category 2 Task 5.2: 35 days in category 2 Task 5.3: 20 days in category 2 Task 5.4: 15 days in category 2
		Confagri PT(P12)	Portugal	25	95	0	0	120	Task 5.1: 25 days in category 1 and 48 days in category 2 Task 5.2: 27 days in category 2

									Task 5.3: 10 days in category 2 Task 5.4: 10 days in category 2
		SCOOP(P13)	Spain	0	90	0	0	90	Task 5.1: 20 days in category 2 Task 5.2: 20 days in category 2 Task 5.3: 20 days in category 2 Task 5.4: 30 days in category 2
		GZS(P14)	Slovenia	0	35	0	0	35	Task 5.1: 15 days in category 2 Task 5.2: 15 days in category 2 Task 5.4: 5 days in category 2
		LVA(P15)	Austria	0	40	0	0	40	Task 5.2: 15 days in category 2 Task 5.3: 15 days in category 2 Task 5.4: 10 days in category 2
		UCLM(P16)	Spain	0	10	0	0	10	Task 5.4: 10 days in category 2
		AC3A(P17)	France	0	40	0	0	40	Task 5.1: 5 days in category 2 Task 5.2: 5 days in category 2 Task 5.4: 30 days in category 2
		FIAB(P18)	Spain	0	55	0	0	55	Task 5.1: 18 days in category 2 Task 5.2: 27 days in category 2 Task 5.4: 10 days in category 2
		FDE(P19)	Belgium	40	32	0	0	72	Task 5.1: 20 days in category 1 and 10 days in category 2 Task 5.2: 20 days in category 1 and 12 days in category 2 Task 5.4: 10 days in category 2
		FENACORE(P20)	Spain	20	30	0	0	50	Task 5.1: 20 days in category 1 and 20 days in category 2 Task 5.4: 10 days in category 2
		INFOR(P21)	Italy	0	55	0	0	55	Task 5.1: 27 days in category 2 Task 5.2: 18 days in category 2 Task 5.4: 10 days in category 2
		SEVT(P22)	Greece	30	70	0	0	100	Task 5.2: 40 days in category 2 Task 5.3: 30 days in category 1 Task 5.4: 30 days in category 2
		LLL-P(P23)	Belgium	25	68	0	0	93	Task 5.1: 10 days in category 2 Task 5.2: 25 days in category 1 and 48 days in category 2 Task 5.4: 10 days in category 2

		ANIA(P24)	France	0	32	0	0	32	Task 5.1: 20 days in category 2 Task 5.4: 12 days in category 2
		PA(P27)	Finland	25	58	0	0	83	Task 5.3: 25 days in category 1 and 48 days in category 2 Task 5.4: 10 days in category 2
		EFVET(P29)	Belgium	0	40	0	0	40	Task 5.1: 20 days in category 2 Task 5.2: 10 days in category 2 Task 5.4: 10 days in category 2
		CEPI(P30)	Belgium	20	48	0	0	68	Task 5.1: 10 days in category 1 and 15 days in category 2 Task 5.2: 10 days in category 1 and 15 days in category 2 Task 5.4: 18 days in category 2
Subtotal				270	1587	0	0	1857	
6	Quality assessment								
	Lead partner								WP 6 Leader: 30 days in category 1 and 27 days in category 2 Task 6.1: 25 days in category 1 and 27 days in category 2 Task 6.2: 20 days in category 1
		CERTH(P9)	Greece	75	54	0	0	129	Task 6.1: 10 days in category 2 Task 6.2: 20 days in category 1 and 27 days in category 2 Task 6.3: 20 days in category 2
		UNITO(P1)	Italy	20	57	0	0	77	Task 6.1: 10 days in category 3 Task 6.2: 20 days in category 2 Task 6.3: 5 days in category 2
		CONFAGRI(P2)	Italy	0	25	10	0	35	Task 6.1: 10 days in category 2 Task 6.2: 35 days in category 2
		ISEKI(P4)	Austria	0	45	0	0	45	Task 6.1: 10 days in category 2 Task 6.2: 27 days in category 2 Task 6.3: 5 days in category 2 Task 6.4: 18 days in category 2
		ICOS(P5)	Ireland	0	60	0	0	60	Task 6.1: 10 days in category 2 Task 6.2: 18 days in category 2 Task 6.3: 5 days in category 2 Task 6.4: 18 days in category 2
		AERES(P6)	Nederlands	0	51	0	0	51	Task 6.1: 10 days in category 2 Task 6.2: 18 days in category 2 Task 6.3: 5 days in category 2 Task 6.4: 18 days in category 2

		AP(P7)	Austria	0	18	0	0	18	Task 6.4: 18 days in category 2
		ACTIA(P10)	France	0	35	0	0	35	Task 6.1: 10 days in category 2 Task 6.2: 20 days in category 2 Task 6.3: 5 days in category 2
		UCLM(P16)	Spain	50	18	0	0	68	Task 6.3: 50 days in category 1 Task 6.4: 18 days in category 2
		AC3A(P17)	France	0	18	0	0	18	Task 6.4: 18 days in category 2
		INFOR(P21)	Italy	25	65	0	0	90	Task 6.1: 20 days in category 2 Task 6.3: 5 days in category 2 Task 6.4: 25 days in category 1 and 40 days in category 2
		EFB(P26)	Greece	70	57	0	0	127	Task 6.2: 25 days in category 1 and 27 days in category 2 Task 6.3: 45 days in category 1 and 30 days in category 2
		PA(P27)	Finland	0	18	0	0	18	Task 6.4: 18 days in category 2
		EFVET(P29)	Belgium	0	27	0	0	27	Task 6.4: 27 days in category 2
		CEPI(P30)	Belgium	40	0	0	0	40	Task 6.3: 40 days in category 1
Subtotal				280	548	10	0	838	
7	Engagement and dissemination								
	Lead partner								
		ACTIA(P10)	France	25	61	0	0	86	WP 7 Leader: 25 days in category 1 and 18 days in category 2 Task 7.1: 18 days in category 2 Task 7.2: 25 days in category 2
		UNITO(P1)	Italy	0	80	0	0	80	Task 7.1: 30 days in category 2 Task 7.2: 50 days in category 2
		CONFAGRI(P2)	Italy	0	75	30	0	105	Task 7.1: 20 days in category 2 Task 7.2: 55 days in category 2 and 30 days in category 3
		WUR(P3)	Nederlands	0	10	0	0	10	Task 7.2: 10 days in category 2
		ISEKI(P4)	Austria	0	27	0	0	27	Task 7.2: 27 days in category 2
		ICOS(P5)	Ireland	0	27	0	0	27	Task 7.2: 27 days in category 2
		AERES(P6)	Nederlands	0	27	0	0	27	Task 7.2: 27 days in category 2
		AP(P7)	Austria	0	27	0	0	27	Task 7.2: 27 days in category 2

		UHOH(P8)	Germany	0	40	0	0	40	Task 7.2: 40 days in category 2
		CERTH(P9)	Greece	24	0	0	0	24	Task 7.2: 24 days in category 1
		GAIA(P11)	Greece	0	38	0	0	38	Task 7.2: 38 days in category 2
		Confagri PT(P12)	Portugal	0	27	0	0	27	Task 7.2: 27 days in category 2
		SCOOP(P13)	Spain	0	30	0	0	30	Task 7.2: 30 days in category 2
		GZS(P14)	Slovenia	0	43	0	0	43	Task 7.2: 43 days in category 2
		LVA(P15)	Austria	15	72	0	0	87	Task 7.1: 15 days in category 1 and 45 days in category 2 Task 7.2: 27 days in category 2
		UCLM(P16)	Spain	0	27	0	0	27	Task 7.2: 27 days in category 2
		AC3A(P17)	France	0	27	0	0	27	Task 7.2: 27 days in category 2
		FIAB(P18)	Spain	25	148	0	0	173	Task 7.1: 18 days in category 2 Task 7.2: 25 days in category 1 and 130 days in category 2
		FDE(P19)	Belgium	0	35	0	0	35	Task 7.2: 35 days in category 2
		FENACORE(P20)	Spain	0	40	0	0	40	Task 7.2: 40 days in category 2
		INFOR(P21)	Italy	0	20	0	0	20	Task 7.2: 20 days in category 2
		SEVT(P22)	Greece	0	40	0	0	40	Task 7.2: 40 days in category 2
		LLL-P(P23)	Belgium	0	27	0	0	27	Task 7.2: 27 days in category 2
		ANIA(P24)	France	0	12	0	0	12	Task 7.2: 12 days in category 2
		Plant ETP(P25)	Belgium	38	0	0	0	38	Task 7.2: 38 days in category 1
		EFB(P26)	Greece	0	37	0	0	37	Task 7.2: 37 days in category 2
		PA(P27)	Finland	0	27	0	0	27	Task 7.2: 27 days in category 2
		FJ-BLT(P28)	Austria	0	30	0	0	30	Task 7.2: 30 days in category 2
		EFVET(P29)	Belgium	0	27	0	0	27	Task 7.2: 27 days in category 2
		CEPI(P30)	Belgium	0	27	0	0	27	Task 7.2: 27 days in category 2
Subtotal				127	1108	30	0	1265	
8	Project management								
	Lead partner	UNITO(P1)	Italy	170	178	0	150	498	WP 8 Leader: 40 days in category 1 and 80 days in category 2 Task 8.1: 30 days in category 1 and

									18 days in category 2 Task 8.2: 40 days in category 1 and 150 days in category 4 Task 8.3: 60 days in category 1 and 80 days in category 2
		CONFAGRI(P2)	Italy	40	0	0	40	80	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 20 days in category 1
		WUR(P3)	Nederlands	35	0	0	40	75	Task 8.1: 15 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 20 days in category 1
		ISEKI(P4)	Austria	40	0	0	40	80	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 20 days in category 1
		ICOS(P5)	Ireland	40	0	0	40	80	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 20 days in category 1
		AERES(P6)	Nederlands	45	0	0	40	85	Task 8.1: 25 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 20 days in category 1
		AP(P7)	Austria	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		UHOH(P8)	Germany	40	25	0	0	65	Task 8.1: 20 days in category 1 Task 8.2: 25 days in category 2 Task 8.3: 20 days in category 1
		CERTH(P9)	Greece	40	0	0	40	80	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 20 days in category 1
		ACTIA(P10)	France	45	0	0	40	85	Task 8.1: 25 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 20 days in category 1
		GAIA(P11)	Greece	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		Confagri PT(P12)	Portugal	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1

		SCOOP(P13)	Spain	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		GZS(P14)	Slovenia	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		LVA(P15)	Austria	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		UCLM(P16)	Spain	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		AC3A(P17)	France	50	0	0	0	50	Task 8.1: 20 days in category 1 Task 8.2: 20 days in category 1 Task 8.3: 10 days in category 1
		FIAB(P18)	Spain	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		FDE(P19)	Belgium	40	8	0	0	48	Task 8.1: 20 days in category 1 Task 8.2: 12 days in category 1 and 8 days in category 2 Task 8.3: 8 days in category 1
		FENACORE(P20)	Spain	35	0	0	0	35	Task 8.1: 10 days in category 1 Task 8.2: 15 days in category 1 Task 8.3: 10 days in category 1
		INFOR(P21)	Italy	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		SEVT(P22)	Greece	30	25	0	0	55	Task 8.1: 20 days in category 1 Task 8.2: 25 days in category 2 Task 8.3: 10 days in category 1
		LLL-P(P23)	Belgium	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		ANIA(P24)	France	25	0	0	40	65	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 5 days in category 1

		Plant ETP(P25)	Belgium	36	0	0	0	36	Task 8.1: 10 days in category 1 Task 8.2: 18 days in category 1 Task 8.3: 8 days in category 1
		EFB(P26)	Greece	50	0	0	0	50	Task 8.1: 20 days in category 1 Task 8.2: 20 days in category 1 Task 8.3: 10 days in category 1
		PA(P27)	Finland	40	0	0	40	80	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 20 days in category 1
		FJ-BLT(P28)	Austria	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		EFVET(P29)	Belgium	30	0	0	40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
		CEPI (P30)	Belgium	30			40	70	Task 8.1: 20 days in category 1 Task 8.2: 40 days in category 4 Task 8.3: 10 days in category 1
Subtotal				1191	236	0	1030	2457	
Total				3117	11416	965	1030	16528	

VI.3. Overview of expected results (outputs and outcomes)

Lot 1, 2, 3

Please add lines as necessary according to number of work packages and results (outputs or outcomes).

No of Work package	Start date (month)	End date (month)	Title of result(s) (output(s) or outcome(s))	Medium that will be used (publication, electronic, online, other (specify))	Languages	Dissemination level (Public, Restricted, Confidential)	Target groups/potential beneficiaries
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1	1	6	Growth Strategy - state of the art	Electronic format	English	Public	All interested
1	1	6	Repository of previous projects and best practices	Database	English	Public	All interested
1	1	6	VET list and classification	Electronic format	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian	Public	Students, farmers, foresters, trainees, trainers, VET providers, HEI
1	2	5	Focus group guideline	Electronic format	English	Restricted	Partners
1	8	9	Focus group analysis	Electronic format	English	Restricted	Partners
1	9	10	Web-based questionnaire	Online	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finland	Public	All target group
1	12	13	Survey analysis	Electronic format	English	Confidential	Partners

1	8	15	Scenarios analysis	Electronic format	English	Public	All interested (HEI, policy makers, VET providers)
2	12	15	List of occupational profiles	Electronic format	English	Confidential	Partners
2	14	17	Prioritised occupation profiles	Electronic format	English	Public	VET providers, HEI
2	21	46	European strategy	Electronic format	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish	Public	All
2	26	47	National roadmaps (Austria, Italy, France, Finland, Nederland, Spain)	Electronic format	German, French, Italian, Dutch, Spanish, Finnish	Public	All
2	20	26	Open transferability framework	Electronic format	English, German, French, Italian, Dutch, Spanish, Slovenian, Finnish	Public	VET providers, HEI
3	4	9	Training methodologies	Electronic format	English	Public	VET providers, HEI

3	17	22	Curricula (10)	Electronic format	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish	Public	VET providers, HEI, farmers, foresters students, trainees, trainers
3	17	44	Apprenticeship scheme report	Electronic format	English	Public	Farmers, Foresters, SME, Industry, Students
3	20	28	Online training materials - country specific	Electronic format	English, German, French, Italian, Dutch, Spanish	Restricted	Partners, trainers
3	20	26	User guide for trainers and train the trainers' session material	Electronic format	English, German, French, Italian, Dutch, Spanish	Restricted	Partners, trainers
4	26	34	Feedbacks from trainers	Electronic format	English	Restricted	Partners
4	28	39	Report and analysis of the full training experimentation	Electronic format	English	Restricted	Partners
4	5	48	Online public platform and map	Online	English, German, French, Greek, Italian,	Public	All

					Dutch, Spanish, Portuguese, Slovenian, Finnish		
5	7	20	Regulatory framework list	Electronic format	English	Public	VET providers, HEI
5	7	20	Funding opportunity list	Electronic format	English	Public	VET providers, HEI, students, farmers, SME, Industry
5	37	45	Exploitation Plan	Electronic format	English	Restricted	Partners
5	37	45	Future engagement plan	Electronic format	English	Confidential	VET providers, HEI
6	1	4	Quality Plan	Electronic format	English	Confidential	Partners
6	5	6	Evaluation grids	Electronic format	English	Confidential	Partners
6	5	48	Internal and external quality assessment reports	Electronic format	English	Confidential	Partners
6	27	43	ECVET accreditation report	Electronic format	English	Confidential	Partners

7	1	8	Dissemination Plan	Electronic format	English	Confidential	Partners
7	1	3	Public Website	Online	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish	Public	All interested
7	1	5	Project leaflet and poster	Paper, other	English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish	Public	All interested
7	1	48	Report on dissemination action	Electronic format	English	Confidential	Partners
8	1	2	Private area of the website	Online	English	Confidential	Partners
8	1	48	Progress reports	Electronic format	English	Confidential	Partners
8	1	1	Consortium Agreement	Paper	English	Confidential	Partners

PERSONAL INFORMATION

Oana Neagu



 61, rue de Trèves - 1040 Brussels
 +32 2 287 27 26  +32 478 18 99 08
 Oana.neagu@copa-cogeca.eu

Sex Female | Date of birth 12/06/1979 | Nationality Romanian

WORK EXPERIENCE

January 2016 – Until now

Director of General Affairs

Copa-Cogeca, European farmers and Agri-cooperatives, <http://www.copa-cogeca.eu/>

- **Coordinator of a team covering all horizontal policies:** Rural Development, Food and Feed safety, Food waste, Circular Economy, Quality assurance in Agriculture, Promotion of Agricultural Products, Animal Health and Welfare, Plant Health, Risk Management, Bioeconomy, Forestry, Environment, Sustainability, , Agricultural and Environmental Research, Social Policies in agriculture, Competition Policy, Internal Market and Economic Analysis.
- **Responsible for** Forestry; Bioeconomy, Financial instruments

2012 - 2016

Senior Policy Advisor

Copa-Cogeca, European farmers and Agri-cooperatives, <http://www.copa-cogeca.eu/>

- Rural Development
- Forestry
- Bioeconomy

2006 - 2012

Policy officer

European Commission – Directorate General for Agriculture and Rural Development Unit - Management of market measures

- providing sound economic **analysis** and **advice** for the management of market measures in various sectors;
- organizing and participating in **consultations with stakeholders**;
- **leading** two teams of four people each in submitting statistics and legislative acts;
- **supporting** the Member States in implementing European Union legislation by offering clear answers, in writing or during meetings;
- preparing the internal manuals and procedures for management of these measures;
- **making** monthly **presentations** in front of more than 40 stakeholders;
- developing existing or new EU polices on the management of market measure.

2003 - 2012

Counsellor for European Integration

Ministry of Agriculture and Rural Development – General Directorate for European Affairs Unit – European Affairs

- preparing the accession **negotiations** to the EU for Romania on the agriculture sector;
- leading (deputy leader) of a **project** involving **50 officials** putting in place the Milk Quota System;
- **organizing training courses** for various stakeholders on the CAP;
- contributing to the **improvement** of the Romanian **strategy** in agriculture sector;
- transposing the EU legislation in the milk sector into Romanian legislation

EDUCATION AND TRAINING

2011 - 2012 **Postgraduate certificate - Management perspectives and practice**

Open University, Brussels, Belgium

- Managing projects and change;
- Managing marketing;
- Managing operations;
- Managing people and organisations.

2003 - 2005 **Master degree - Management and Rural Development**

University of Agronomic Sciences and Veterinary Medicine, Romania

- EU Rural development regulations and policies;
- Management of rural areas;
- Management of the environmental restoration and conservation;
- Integrated landscaping.

1998 - 2003 **Bachelor degree - Agriculture Engineering and Economics**

University of Agronomic Sciences and Veterinary Medicine, Romania

- Agricultural production systems;
- Economics and Statistics;
- Sustainable development;
- Common Agriculture Policy

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2
Spanish	B2	B2	B2	B2	B2
Dutch	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/en/files/quest_doc/CEFR/CEFR_grid_en.pdf)

Skills and Qualities

Towards the team

- ✓ Inter-personal skills and experience for working in a multicultural team;
- ✓ Capacity to communicate effectively both verbally and in writing;
- ✓ Resourceful team player who excels at building trusting relationships.

Professionals skills

- ✓ Very good analytical and prioritisation skills with a project oriented approach;
- ✓ Ability to conceptualise problems, identify and implement solutions;
- ✓ Quality and result focus oriented.

Personal qualities

- ✓ Punctual, reliable and with a strong sense of responsibility;
- ✓ Highly adaptable, positive and open to new ideas;
- ✓ Eager to meet challenges and quickly assimilate new concepts

Digital competence

- Excellent command of office suite and of Internet

Driving licence

B

ADDITIONAL INFORMATION

Training Courses 2006-2012
European Commission

- ✓ Public speaking and communication skills
- ✓ Productive meetings
- ✓ Strategic management
- ✓ Writing effective briefings
- ✓ Day to day negotiation skills

Prof. dr ir Gert W. Meijer

Gert Meijer is the Chair of the European Technology Platform 'Food for Life' since February 2015. He is also Deputy Head of Corporate Regulatory and Scientific Affairs of Nestlé. Formerly, Gert was the Chair of the Board of Directors of the International Life Sciences Institute, Europe, and he held a number of senior positions with the Unilever group including Vice-President of Nutrition & Health R&D and Director of the Unilever Health Institute. Gert received his training as nutrition scientist at Wageningen University & Research, and he obtained his PhD at Utrecht University. Since 2012, he is visiting Professor at Ulster University.

Curriculum Vitae Kjell Ivarsson

Senior Policy Advisor, Federation of Swedish Farmers, LRF

Date of birth: 12 February 1957, Uddevalla, Sweden

Civil status: Married, two children

Business address: LRF, 105 33 Stockholm
Business phone: +46 8 787 54 23
Mobile phone: +46 70 642 03 40
E-mail: kjell.ivarsson@lrf.se

Education

- Licentiate Degree in Plant Nutrition and Soil Fertility, 1989
- Master of Science in Crop Production and Economics, 1982

Additional

- Course on Project Leadership 1998, 2002 and 2007
- Cambridge Certificate of Proficiency in English, 1995
- Computer courses in Programming, Word, Excel, etc. 1983-201

Work Experience

- Senior Policy Officer Bioeconomy, Energy, Research & Innovation, Federation of Swedish Farmers 2018-
- Senior Policy Officer Crop Production, Research & Innovation, Federation of Swedish Farmers 2003-17
- Research Secretary (part time), Swedish Farmers' Foundation for Agricultural Research 2004-2014
- Research Coordinator and Environmental Manager, Swedish Farmers' Supply and Crop Marketing Association, 1998-2003
- Regional Adviser in Plant Nutrition, The Swedish Board of Agriculture, 1997-1998
- County Adviser in Crop Production, The County Board of Agriculture, 1989-1997
- Research Assistant, Swedish University of Agricultural Sciences, Division of Plant Nutrition and Soil Fertility, 1986-1988
- 1980-85: Field Trial Assistant, Water Protection Program, Soil Mapping Analysis, Plant Protection Assistant and Seed inspector for the national seed inspectorate
- 1978-79: Farms: milk, pork and crop production
- 1976-77: The Army

Teaching Experience

- Organizer of the International Workshop "Element Balances as a Sustainable Tool"
- Leader of Courses for Advisers on Crop Production and Plant Nutrition
- Leader of more than 200 Farmer Courses on Crop Production and Plant Protection
- Lectured on Phosphorus
- Organizer of PhD course on Soil Phosphorus and supervisor for MSc students

Participation in committees

- Vice chair/Representative in the EU Commission Bioeconomy Panel 2013-
- Vice Chair of the Copa-Cogeca Working Party Research & Innovation 2012-

- Swedish representative of the Copa-Cogeca Working Party and the COM Advisory Group Cereals, Oilseeds and Protein Crops 2007-17
- President of the Food 21 Project 2004-14 and former leader in the Food 21 project on Indicators of Environmental Status in Agriculture and Sustainable Plant Protection
- Secretary of the Swedish Soil Mapping Network 1999-2003
- Secretary of the Swedish Cadmium Network 1999-
- The National Investigation on Nitrogen Losses from Land to Sea
- The National Investigation on Ammonia Losses
- Environmental Programs for the Counties of Kristianstad and Stockholm

Review of Research Projects

- Research Secretary of the Swedish Farmers' Foundation for Agricultural Research part time 2004-2013
- Representative in Formas (The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning) 2006-14
- Some Commissions for MISTRA (Foundation for Strategic Environmental Research) and Regional Foundations in Sweden

Languages

Mother tongue Swedish,
fluent in English and Norwegian,
good in Danish, can read French



CV: Prof. Dr. R.J. Hamer

Rob Hamer is VP Agrifood External Affairs for Unilever after having had the responsibility for Unilever's food research and R&D laboratory in the Netherlands. He is also a professor at the Food Chemistry group of Wageningen University.

Rob has more than 30 years' experience in the food industry. He currently serves on the boards of several organizations both in the Netherlands (e.g. Sustainable Food Initiative, TKI Agri-food, Food Valley, VNO-NCW (chair technology committee)) and Europe (e.g. FoodNexus (president), ETP Food4Life).

In all of this, Rob's main aim is to help drive the transformation of the Agrifood industry into a vital, fully sustainable system that can provide future generations with safe, healthy and affordable food.

Prof. Dr. Dipl. Ing. Jochen Weiss

Institute of Food Science and Biotechnology
Chair of the Department of Food Physics and Meat Science
Current Deputy Director of the Institute
Garbenstrasse 25, 70599 Stuttgart
Phone: ++49-711-459-24415
Fax: ++49-711-459-24446
E-Mail: j.weiss@uni-hohenheim.de
Date of birth: 04.02.1969

Scientific Career

- 2016-2017 Interim Director of Education, EIT Food
- 2011-2016 Vice President of Research, University of Hohenheim
- Since 2008 Professor of Food Science and Head of the Dept. of Food Physics and Meat Science at the Institute of Food Science and Biotechnology, University of Hohenheim.
- 2004 – 2008 Associate Professor of Food Science, Department of Food Science, University of Massachusetts, Amherst, MA.
- 1999 – 2004 Assistant Professor of Food Science, Department of Food Science and Technology, University of Tennessee, Knoxville, TN, USA. Received Tenure and Promotion to Associate Professor in May 2004.
- 1996 – 1999 Ph.D. Studies in Food Science, Department of Food Science, University of Massachusetts, Amherst, MA, USA. Received Doctoral Degree in Sept. 1999.
- 1989-1996 M.S. Studies in Chemical Engineering, University of Karlsruhe, Germany. Received M.S. (Engineering) Degree in 1996. Thesis at the Department of Food Process Engineering (Prof. H. Schubert)

Key Awards and Recognitions

- 2015-now Academic Chair of the European Technology Platform (ETP) Food4Life
- 2014-2018 Named "Highly Cited Researcher in Food and Agricultural Science", in recognition of ranking amongst the top 1% of researchers for most cited documents in their specific fields
- 2012 Board Member of: ProcessNet (Dechema), „Gesellschaft Deutscher Lebensmitteltechnologien“ (DGL), „Bund für Lebensmittelrecht und Lebensmittelkunde“ (BLL), Scientific Advisory Board of HighTech Europe, European Network of Excellence, Scientific Board of the German Research Association of Food Industries (FEI)
- 2011 JFS Highest Cited Paper Award, Institute of Food Technologists, 2008-2011, Chair-Elect, International Division of the Institute of Food Technologists (IFT), Board Member of the International Society of Food Applications of Nanoscale Sciences, IUFoST,
- 2010 Board Member of the Scientific Advisory Board, HighTech Europe, European Network of Excellence, 2011-2014.
- 2009 Adjunct Professor, Universities of Massachusetts and Tennessee
- 2009 Institute of Food Technologists (IFT) International Division Outstanding Member Award, J. of Food Science Highest Cited Paper 2006-2009 Award.
- 2008 Contributing Editor, Nutrition Reviews
- 2008 Associate Editor Food Biophysics, Editorial Board Member, Journal of Food Science, Nutrition
- 2007 Institute of Food Technologists Samuel L. Prescott Young Scientist Award

**List of Publications (Current H-Index: 53, total citations: > 10000, source: Scopus
Author ID: 7402740641)**

- Edited Books (1 Total)
- Book Chapter (15 Total)
- Peer-Reviewed Articles (297 Total)
- Patents (7 Total)

Prof. Rafael Mujeriego



Prof. Rafael Mujeriego has been professor of Environmental Engineering at the School of Civil Engineering of the Universitat Politècnica de Catalunya, from 1976 to his retirement in 2011.

He received the 2010 Person of the Year Award by the American Water Reuse Association for “his significant contributions to the advancement of water reuse and continued dedication to the water reuse community”, at the 25th Annual Water Reuse Symposium, September 12-15, 2019, Washington, D.C.

Prof. Mujeriego received his Civil Engineer degree (1971) at the Universidad Politécnica de Madrid and the Master of Science (1973) and Ph.D. degree (1976) from the University of California at Berkeley.

He has authored numerous articles and reports about water reclamation and reuse, microbial quality of coastal waters, water quality control in microbiological analyses, wastewater treatment and disposal.

He has been technical adviser to the Regional Office for Europe of the World Health Organization (WHO) from 1976 to 2009.

He served as President of the first IWA International Symposium on Water Reuse, held in Castell Platja d’Aro, Girona, Spain in 1991 and the 8th IWA International Conference on Water Reclamation and Reuse, held in Barcelona, September 2011.

He is currently President of the Spanish Association for Sustainable Water Reuse (ASERSA) from 2008 and Vice-chair of the Council for Sustainable Use of Water of the Catalan Water Agency, Barcelona.

ASERSA is participating in the H2020 SuWaNu Europe project entitled ‘Network for effective knowledge transfer on safe and economic wastewater reuse in agriculture in Europe’.

In November 2018, Prof. Mujeriego was nominated member of the Scientific Advisory Panel sponsored by the Catalan Water Agency for assessing the feasibility of using reclaimed water for planned augmentation of Llobregat river flows. Those flows are used by regional utilities as water source for drinking water supply to the Barcelona Metropolitan Area.



Departament d'Enginyeria
Hidràulica, Marítima i Ambiental

UNIVERSITAT POLITÈCNICA DE CATALUNYA

E.T.S. Enginyers de Camins, Canals i Ports
Campus Nord - UPC

**EU project proposal FIELDS
ERASMUS+ Sector Skills Alliances 2019
Lot 3: Sector Skills Alliances for implementing a new strategic approach
(Blueprint) to sectoral cooperation on skills**

Daniele Rossi
Delegate Research & Innovation
Area Sviluppo Sostenibile ed Innovazione
CONFAGRICOLTURA

Barcelona, 7 February 2019

Dr. Rafael Mujeriego, PhD in Civil Engineering from the University of California at Berkeley in 1976 and Professor of Environmental Technologies from 1976 to 2011 at the School of Civil Engineering of the Universitat Politècnica de Catalunya (UPC), in Barcelona, Spain, and President of the Spanish Association for Sustainable Water Reuse (ASERSA) since 2008,

MANIFEST

His willingness to participate in the Consortium internal High Advisory Board (HAB) as to contribute to the development of the project and ensure it achieves its intended objectives, in close collaboration with other members of the Board and the partners of the project.

My best regards,

Rafael Mujeriego, PhD

Profesor Emeritus

rafael.mujeriego@upc.edu

Dr. András Sebők: General Manager of Campden BRI Hungary Ltd. MSc in chemical engineering, PhD in food science, Diploma in Management Studies. 44 years' experience in food technology in the food industry, research, development, innovation, trouble shooting and problem solving in factories, knowledge transfer and training. Experience in food chain management, process development, process control, improving resource efficiency, application of advanced manufacturing and ICT solutions in the food sector, food safety and quality management, and knowledge transfer to SMEs, traceability, food transparency, new product development. Chairman of the Research and Innovation expert group of the FoodDrinkEurope (European Federation of Food and Drink Industries), Vice-Chairman of the European collaboration of the National Food Technology Platforms. Scientific coordinator of the Hungarian National Food Technology Platform. He was the leader of the Hungarian EIT Food Hub in 2018. Member of the Advisory Group of the ETP Food for Life. Technical leader of the working party of the Hungarian Food Industry Federation on Modernisation of the Food Industry through the application of Industry 4.0. Organiser of the Central European S3 workshop on „Application of Industry 4.0 and Digitisation in the Food Chain in April 2018, Budapest. He participates in the work of the S3 partnership of Smart Systems 4 Agri-food. Editor and author of several Best Practice Guidelines, including the 'Guideline on Effective Knowledge and Technology Transfer to Food SMEs', 'Food Transparency'. Organiser and trainer of more than 180 courses and workshops since 1992 for different sectors of food industry. He carried out trainings in 23 countries. He is a visiting professor of the Szent István University, Gödöllő, Honorary lecturer of the Budapest University of Technology and Economics, acted as invited lecturer at 2 other universities.



CC(19)1564:1 – TC/fb

Brussels, 27 February 2019

LETTER OF SUPPORT

I, the undersigned Pekka Pesonen, Secretary-General of Copa-Cogeca, hereby acknowledge our interest in the actions and expected outcomes of the “**Lot 3: Sector Skills Alliance for implementing a new strategic approach (Blueprint) to sectoral cooperation on skills**”, which is part of the ERASMUS+ Sector Skills Alliances 2019.

Copa and Cogeca are the European umbrella organisations representing farmers and agri-cooperatives. Copa represents over 11 million farmers whilst Cogeca represents the interest of some 22,000 agricultural cooperatives. Jointly they have 66 member organisations from the EU Member States.

Copa and Cogeca recognise the necessity to reduce skill gaps in the agricultural sector through the correct use of innovative solutions available, but not yet implemented by farmers. We believe that the identification of existing and emerging skills needs in circular and bio-economy, in agricultural sustainability and the correct use of digital technologies is of paramount importance in order to develop a strategic approach to keep the European agricultural sector competitive and sustainable in the long term.

Therefore, Copa and Cogeca would strongly and exclusively support this proposal named **FIELDS** and coordinated by the University of Turin (Italy). We are convinced that this group of high-skilled, experienced experts will actively contributed to the work of the Blueprint initiative.


Pekka Pesonen
Secretary General

copa***cogeca**
european farmers european agri-cooperatives
61, Rue de Trèves B - 1040 Bruxelles

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

On behalf of my organisation, Direção Geral de Agricultura e Desenvolvimento Rural (DGADR), I hereby confirm interest in the project mentioned above. DGADR represents the Ministry of Agriculture Forestry and Rural Development in matters related with the use of water in agriculture, participating in the definition of the national water policy and elaborating, coordinating, monitoring and evaluating the implementation of the National Irrigation System. Also is responsible for promoting the economic, social development and innovation of rural areas, in particular through the association and qualification of rural agents, promotion of innovation in all agriculture sectors and rural territories, valuation and diversification economic development of the territories, as well as the agricultural holdings and the promotion of a sustainable development of natural resources, structuring protection of land for agricultural use and the development of irrigation. As a stakeholder, DGADR works with farmers and their associations, confederations and cooperatives, R&D&I entities, advisory services, national and regional public entities, universities, higher education and vocational training institutions, service providers and training companies, local development associations, municipalities, among others.

DGADR looks closely at the development of this particular project, and I believe that the consortium and the actions planned within it will surely contribute to the enhancement of skills in the fields of Bio-economy, new technologies & innovation in agriculture.

In the case of approval of the project, DGADR will provide contributions to planned actions, namely those within the scope of DGADR activities and stakeholders.

This document has not a legally binding character.

Lisbon, February 24th, 2019

Yours sincerely
Gonçalo de Freitas Leal



General Director

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato

Project Coordinator

c/o DISAFA - University of Turin

Largo Braccini, 2 - 10095 - GRUGLIASCO (TO)

ITALY

I, the undersigned, confirm on behalf of ESA European Seed Association (www.euroseeds.eu) our interest in the project mentioned above. The association represents those active in research, breeding, production and marketing of seed of new and improved plant varieties at European level.

We look closely at the project development and believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture.

We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we stand ready to provide contributions to the project that relate to ESA's activities and members and we will disseminate respective information.

This document has not a legally binding character



Garlich v. Essen, Secretary General

Letter of Support
Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, The Central Union of Agricultural Producers and Forest Owners (MTK) our interest in the project mentioned above. The organisation represents MTK is an interest organization representing farmers, forest owners and rural entrepreneurs in Finland. MTK has over 317 000 members in local agricultural producers' organisations and regional forest management associations. All of the occupations and businesses of our members are based on renewable natural resources and their utilisation in a sustainable and economical way.

We look closely at the project development, and on behalf of The Central Union of Agricultural Producers and Forest Owners (MTK), I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Vantaa, Finland 19th February 2019

Yours sincerely



Jonan Åberg
Director

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, the European Technology Platform (ETP) Food for Life, our interest in the project mentioned above. The organisation represents industry lead stakeholders from the food sector which are recognised by the European Commission as key actors in driving innovation, knowledge transfer and European competitiveness.

We have looked closely at the project development, and on behalf of the ETP Food for Life, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission. In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Brussels, 25th of February of 2019,

Yours sincerely

A handwritten signature in blue ink, appearing to read 'G. Meijer', is written over a light blue circular stamp.

Prof. Dr. Gert Meijer
Chair of the ETP Food for Life

To:

Bernard de Galembert
Innovation and Bioeconomy Director
CEPI- Confederation of European Paper Industries
Avenue Louise 250, Box 80
B-1050 Brussels
BELGIUM

Letter of support for the FIELDS project – Erasmus+ Sector Skill Alliance Lot 3

I, the undersigned, in my capacity as Industrial Biotechnology Director at EuropaBio, declare our interest in the abovementioned project. EuropaBio, the European Association for Bioindustries, promotes an innovative and dynamic European biotechnology industry. EuropaBio and its members are committed to the socially responsible use of biotechnology to improve quality of life, to prevent, diagnose, treat and cure diseases, to improve the quality and quantity of food and feedstuffs and to move towards a bio-based and zero-waste economy. We are interested in the results from the FIELDS project and believe that the project will contribute and add value to efforts aimed to enhance skills in the fields of bioeconomy, new technologies and innovation in agriculture.

In case of proposal approval, we agree to take interest in the activities undertaken by FIELDS, and would be very interested in supporting the project, notably through advising and participating, whenever possible and deemed useful, in the activities aimed at dissemination of information / material / results through our channels, and in knowledge exchange as relevant.

This document does not have a legally binding character.

Place, date: Brussels, 26 February 2019



Agnes Borg
DIRECTOR
Industrial Biotechnology



EuropaBio - The European Association for Bioindustries
Avenue de l'Armée 6, 1040 Brussels
+32 2 739 11 63 | +32 488 15 61 08
www.europabio.org



Bundesverband Pflanzenöl - Austria
Grenzgasse 10
A-3100 St. Pölten

Tel.: +43 (0)2742 352234 - 0

Fax: +43 (0)2742 352234 - 4

Mail: office@pflanzenoel-austria.at

Web: www.pflanzenoel-austria.at

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato

Project Coordinator

c/o DISAFA - University of Turin

Largo Braccini, 2 - 10095 - GRUGLIASCO (TO)

ITALY

I, the undersigned, confirm on behalf of my organisation, Bundesverband Pflanzenöl Austria our interest in the project mentioned above. The organisation represents the federal association of decentralized vegetable oil mills in Austria.

We look closely at the project development, and on behalf of Bundesverband Pflanzenöl Austria I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

St. Pölten, February 22, 2019

Yours sincerely

Dipl.-Päd. Ing. Josef Breinesberger

CEO



Professor. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

I, the undersigned, confirm on behalf of my organisation, **Céréales Vallée** our interest in the project mentioned above. As a competitive cluster, Céréales Vallée facilitates the emergence and the coordination of innovative R&D, industrial, training and international projects. As the only French competitive cluster involved in the entire field crop chain - from seeds to consumer products - Céréales Vallée with its partners, brings together a unique combination of skills with regards to innovation in field crops.

We look closely at the project development, and on behalf of **Céréales Vallée**, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission. In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character.

Saint-Beauzire, 2019 February 22nd

Yours sincerely

Bernard BEJAR
Managing Director

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

Zwijnaarde, February 22, 2019

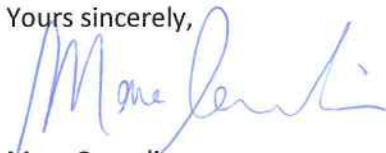
I, the undersigned, confirm on behalf of my organisation, BASF, our interest in the project mentioned above. BASF is historically an innovative chemical company active in multiple fields including agriculture, and recently extended its business presence as an innovative supplier for seeds and traits. BASF is highly committed to offer a growing range of products across its portfolio that contribute to a world that provides a viable future with enhanced quality of life for everyone.

It is in this context, we closely looked at the project development, and believe that the consortium and the actions planned within the FIELDS project can meaningfully contribute to the enhancement of skills in the fields of bio-economy, new technologies & innovation in agriculture. We therefore would like to be kept informed about the progress of this project and support its submission.

In the case of approval of the project and if requested, we will do a best effort to give our perspective on future industry and value chain skill needs, and disseminate relevant outcomes.

This document has not a legally binding character.

Yours sincerely,



Marc Cornelissen
BASF - GBU Seeds and Traits
Sustainability Lead

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, Chamber of Agriculture – Lower Austria our interest in the project mentioned above. The organization represents the areas of technology, renewable energies and Bio-economy.

We look closely at the project development, and on behalf of Chamber of Agriculture – Lower Austria I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

St. Pölten, 20. Februar 2019

Yours sincerely



Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, Euromediterranean Irrigators Community (EIC) our interest in the project mentioned above. EIC is an international association whose members are European Irrigation and Water User Associations of Mediterranean countries. At present, belong to this association Irrigation Communities in Italy, Portugal, France, Greece, Germany, Turkey, Egypt, Tunisia, Morocco and Spain.

EIC facilitates information exchange, knowledge, plans, experiences, etc. among irrigators of all member countries, all aimed at improving management and distribution of water from the legal, administrative and technician point of view.

We look closely at the project development, and on behalf of EIC, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Madrid, February 19th, 2019

Yours sincerely



Andrés del Campo
President

Letter of Support
Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 -
GRUGLIASCO (TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, Agricultural Cooperative "ASEPOP VELVENTOS" our interest in the project mentioned above. The main activity of ASEPOPVelventos is peach production. It is a key driver for the development of both the Velventos area and the Greek economy. ASEPOP Velventos currently has 400 members-producers cultivating approximately 650 ha of land. ASEPOP Velventos has made a great name for itself abroad by virtue of the quality of its produce and its modern cultivation methods.

We look closely at the project development, and on behalf of Agricultural Cooperative "ASEPOP VELVENTOS", I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Velventos, 19/2/2019

Yours sincerely

Ο ΠΡΟΕΔΡΟΣ


ΝΙΚΟΛΑΟΣ ΚΟΥΤΛΙΑΜΠΑΣ

AMT DER NIEDERÖSTERREICHISCHEN LANDESREGIERUNG
Gruppe Raumordnung, Umwelt und Verkehr
Abteilung Umwelt- und Energiewirtschaft
3109 St. Pölten, Landhausplatz 1



Amt der Niederösterreichischen Landesregierung, 3109

AGRAR Plus GesmbH
Grenzgasse 12
3100 St. Pölten

Beilagen

RU3-EU-17/011-2019
Kennzeichen (bei Antwort bitte angeben)

E-Mail: post.ru3@noel.gv.at
Fax: 02742/9005-14350 Bürgerservice: 02742/9005-9005
Internet: www.noel.gv.at - www.noel.gv.at/datenschutz

- Bezug

BearbeiterIn
Ing. Franz Patzl

(0 27 42) 9005

Durchwahl

Datum

14787

19. Februar 2019

Betrifft

Letter of Support; Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Dear ladies an gentlemen!

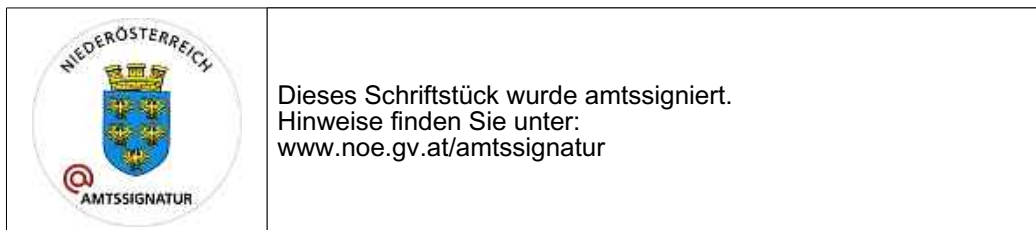
I, the undersigned, confirm on behalf of my organisation, Amt der NÖ Landesregierung, Abteilung Umwelt und Energiewirtschaft our interest in the project mentioned above. The organisation represents the department for Environment and Energy-Economics of the Government of Lower Austria. Our organisation is responsible for all aspects of climate protection and the usage of alternative energy sources.

We look closely at the project development, and on behalf of AGRAR Plus GmbH, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character.

Mit freundlichen Grüßen
NÖ Landesregierung
Im Auftrag
Dipl.-Ing. A n g e r e r





Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 –
10095 - GRUGLIASCO (TO)
ITALY

I, the undersigned Dr. Daniel Rossi, Secretary General, confirm on behalf of my organisation, AGRONETWORK, our interest in the project mentioned above. The organisation represents the Founders : Confederation of Farmers Confagricoltura, Nomisma Institute in Bologna and LUISS UNiversity in Rome. Now Agronetwork associates 35 AgriFood Companies, 3 Financial Institutions, 4 Universities and Research Centres.

We look closely at the project development, and on behalf of AGRONETWORK, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission. In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Rome 20th of February 2019

Yours sincerely

Daniel Rossi
Secretary General

A handwritten signature in black ink, appearing to be 'D. Rossi'.

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, Technological Platform Food for Life-Spain (PTF4LS) our interest in the project mentioned above. Technological Platform Food for Life-Spain (PTF4LS), defines the technological and research priorities of the agricultural and food sector in the medium-long term, and coordinates national and European investments, as well as public and private ones, in R&D. For this reason, Technological Platform Food for Life-Spain (PTF4LS), can contribute in an important way to the development of the European Research Area.

We look closely at the project development, and on behalf of Technological Platform Food for Life-Spain (PTF4LS), I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Madrid, 18th February 2019

Yours sincerely

Ms.: Nuria María Arribas Vera
General Secretary Technological
Platform Food for Life-Spain



Plataforma Tecnológica Española
Food for Life Spain

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO (TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, Giovani di Confagricoltura - ANGA our interest in the project mentioned above. The organization represents Italian young farmers since 1958 and protect their interests favoring the inclusion in the national and international level and stimulating the development process of the company that operates in agriculture both as economic entity as the subject of land management and the environment. Giovani di Confagricoltura – Anga supports and promotes the agricultural enterprise conducted by young people through the trade union protection, vocational training, orientation in the landscape of opportunities for industry and technical assistance.

In addition, the Association aims to promote generational change and the transition from school to work through a program of work placements abroad, promoting the internationalization of agricultural enterprises run by young, network business and protecting the environment and the area through sustainable production and quality

We look closely at the project development, and on behalf of Giovani di Confagricoltura - ANGA, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Roma, 21 febbraio 2019
Prot. 60 rmm_slm

Yours sincerely


Raffaele M. Malgrano
Presidente

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned Michael Gartner, dr., confirm on behalf of my organisation, Austrian Technology Platform our interest in the project mentioned above.

The Austrian Technology Platform supports the co-operation between the agricultural sector and the food processing industry concerning innovation and development of food products, processing and packaging.

It provides information about new technologies, organisations and financial assistance available for innovation along the value chain of agricultural products, foodstuffs and beverages.

The ATP facilitates information exchange between enterprises and the public sector with the target to make best use of national and EU subsidy programmes and to implement them in an efficient manner.

In the ATP R&D priorities are defined by the Austrian agriculture and food processors. Interests and needs of Austrian operators are incorporated in national and EU financed support programmes

We look closely at the project development, and on behalf of Austrian Technology Platform, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission. In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Vienna, February 20th

Yours sincerely



Michael Gartner, dr.
Director General

<Signature & stamp>

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, EUROPECHE our interest in the project mentioned above. The organisation is the representative body for fishing vessel owners and fishers in the European Union representing both artisanal and large scale, counting 8 national member organisations from 6 European countries. Our mission is to promote responsible and sustainable fishing practices that not only ensures a healthy and diverse marine environment but preserves an economically and socially sustainable fishing sector able to contribute to the growing world demand for healthy seafood.

We look closely at the project development, and on behalf of EUROPECHE, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission. In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

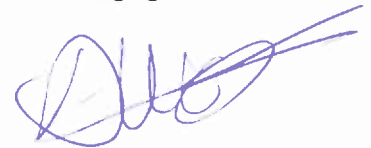
This document has not a legally binding character.

Brussels, 25 February 2019

Yours sincerely

Daniel Voces de Onáindi
Managing Director

Europêche
Rue Montoyer 24
B - 1000 Bruxelles
www.europeche.org



Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, *FOODforce*, our interest in the project mentioned above. *FOODforce* is a network of leading European research provider organisations active in the areas of food, nutrition and health. *FOODforce* provides a proactive forum for discussions on delivery of best practice and societal impact and facilitates international aspects of knowledge exchange and innovation, both within and outside the European Union. *FOODforce* network includes 10 Universities, 11 Research Organisations and 1 Associated Network from 15 European countries.

We look closely at the project development, and on behalf of *FOODforce*, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission. In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Stuttgart, 19th of February 2019

Yours sincerely

Susanne Braun
FOODforce Chair





Fachverband der Nahrungs- und
Genußmittelindustrie Österreichs (FIAA)

Letter of Support
Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO (TO)
ITALY

Vienna, February 20th 2019

To whom it may concern


The Food Industries Association of Austria (FIAA) is a legal body under the Economic Chamber Act (Austrian Official Journal BGBl I Nr. 103/1998). It is, by federal legislation, the only legal representation of the entire Austrian food industry sector and covers 200 members. Membership is compulsory and comprises all Austrian industrial operators. FIAA coordinates and represents the interests of the Austrian business community at a national and international level.

On behalf of FIAA, I would like to confirm our interest in the project mentioned above. FIAA coordinates and represents the interests of the Austrian business community at a national and international level. FIAA focuses on topics like Codex Alimentarius, labelling, traceability, nutritional issues, novel food and genetically modified foods, food safety and regulations, allergens, hygiene, and the development of the European Union. FIAA also covers activities for the support of innovation transfer to Austrian food producers.

We look closely at the project development, and on behalf of FIAA, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders and we will disseminate the actions.

This document has not a legally binding character.

Yours sincerely

Katharina Kossdorff
Director General

FIAA - Food Industries Association of Austria



Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 -
GRUGLIASCO (TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, AXION AGROTIKI LTD our interest in the project mentioned above. The extensive and comprehensive knowledge of the food and agriculture sector places AXION AGROTIKI LTD in a very advantageous position to foresee impending opportunities and suggest pioneering solutions, tailored to the true needs of every private or collaborative business. AXION AGROTIKI LTD designs curricula allocating EU funding effectively and pave the way to success by becoming an example in the industry. AXION AGROTIKI LTD has always provided solutions of great efficiency with transparent and accurate management.

We look closely at the project development, and on behalf of AXION AGROTIKI LTD, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

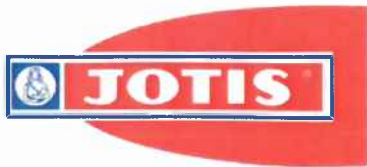
This document has not a legally binding character

Piraeus, 19/2/2019

Sincerely,

ΑΞΙΟΝ ΑΓΡΟΤΙΚΗ ΜΟΝ. ΕΠΕ
ΥΠΗΡΕΣΙΕΣ ΠΑΡΟΧΗΣ ΣΥΜΒΟΥΧΩΝ
ΣΕ ΘΕΜΑΤΑ ΟΡΓΑΝΩΣΗΣ ΚΑΙ ΑΓΩΓΗΣ
ΠΑΡΑΔΕΙΣΟΥ 21101 25 ΜΑΡΟΥΣΙ
ΑΔΜ. 9988497 ΕΠΙΧΕΙΡΗΣΙΑΚΗΣ ΜΟΝΑΔΑΣ
ΤΗΛ 210 3258700 www.axionagro.eu

Vasileios Pyrgiotis
Legal Representative



Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO) ITALY

I, the undersigned, confirm on behalf of my organisation, YIOTIS S.A. our interest in the project mentioned above. YIOTIS S.A. was founded in 1930 as the first infant and baby food producer in Greece. Today, the company remains 100% Greek and employs 377 employees developing a wide range of products including, baby food and infant formula, fortified products, confectionary and cooking mixes, baking products, chocolates, refrigerated RTE products, low Glycaemic Index desserts, powder mixes for instant desserts, syrups, glazes, toppings, dessert kits and many more. YIOTIS S.A. has played an integral role in the history and evolution of the Greek diet, and still continues to innovate.

We look closely at the project development, and on behalf of YIOTIS S.A., I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission. In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Athens, 21/02/2019

Yours sincerely

YIOTIS S.A.
NOURISHING PRODUCTS INDUSTRY
128-130, KIFISOU AVE, PERISTERI
121 31, ATHENS - GREECE
TEL: +30-210-57.04.400
VAT NO: EL 094000651

Dr. Dimitris Ladikos
Member of the Board
R&D, QA, Purchasing & Plant Director

Letter of Support

Erasmus+ Sector Skills Alliance Lot 3 - FIELDS project

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO
(TO)
ITALY

I, the undersigned, confirm on behalf of my organisation, SEGES our interest in the project mentioned above. SEGES is a department within The Danish Agriculture & Food Council (Landbrug & Fødevarer F.m.b.A.) and currently employs approximately 650 people. SEGES is the knowledge and innovation centre of Danish agriculture involving a number of tasks in research, innovation, and testing for the entire industry. At SEGES we work as bridge builders between research and practical farming and aim to develop products and services in partnerships with our users. We ensure that the latest knowledge and technology is deployed by Danish farmers on their farms as rapidly and efficiently as possible. SEGES is in charge of the development and sales of specialized consultancy services, programs and other products targeting farmers and gardeners. Furthermore, we provide services to a number of other customers with relation to the primary agricultural sector, we manage a range of development and service tasks for farmer-owned advisory companies, and we collaborate with universities, ministries, businesses and non-governmental organizations. We participate in national and international projects through our extensive trial work and we collaborate with research institutions, public authorities, and private companies worldwide.

We look closely at the project development, and on behalf of SEGES I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the FIELDS actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Aarhus, February 2019

Yours sincerely

 **SEGES**
SEGES
Landbrug & Fødevarer F.m.b.A.
Agro Food Park 15
DK 8200 Aarhus N

Lars Villadsgaard Toft
Manager Bioeconomy
+45 8740 6600
seg@innovation
seg.es.dk
CVR 25529529

SEGES
Danish Agriculture & Food Council F.m.b.A.
Agro Food Park 15, DK 8200 Aarhus N
seg.es.dk



FAGLIGT FÆLLES FORBUND

Prof. Patrizia Busato
Project Coordinator
c/o DISAFA - University of Turin
Largo Braccini, 2 - 10095 - GRUGLIASCO (TO)
ITALY

Copenhagen 19. February 2019

Letter of Support
Erasmus+ Sector Skills Alliance Lot 3 – Fields project


I, the undersigned, confirm on behalf of my organisation, United Federation of Danish Workers 3F, our interest in the project mentioned above. The Organisation represents the workers in the agriculture sector.

We look closely at the project development, and on behalf United Federation of Danish Workers 3F, I believe that the consortium and the actions planned within the FIELDS project will surely contribute to the enhancement of skill in the fields of Bio-economy, new technologies & innovation in agriculture. We would like to be kept informed about the progress of this project and support the project submission.

In the case of approval of the project, we will provide contributions in the project actions that pertain to our activities and stakeholders, and we will disseminate the actions.

This document has not a legally binding character

Your Sincerely


Jesper Lund-Larsen
Political Advisor
United Federation of Danish Workers



FAGLIGT FÆLLES FORBUND
Den Grønne Gruppe
Kampmannsgade 4
1790 København V

FAGLIGT FÆLLES FORBUND
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e-mail: 3f@3f.dk
www.3f.dk
CVR-nr. 31 37 80 28

