

**FIELDS – Blueprint 612664 – 1/1/20-31/12/23**

# WP3 – New tools and training design

UNITO

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**Kick-off meeting**

3-4 February 2020

University of Turin, Italy



## WP3 Info

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WP Start/end date: M4-M42

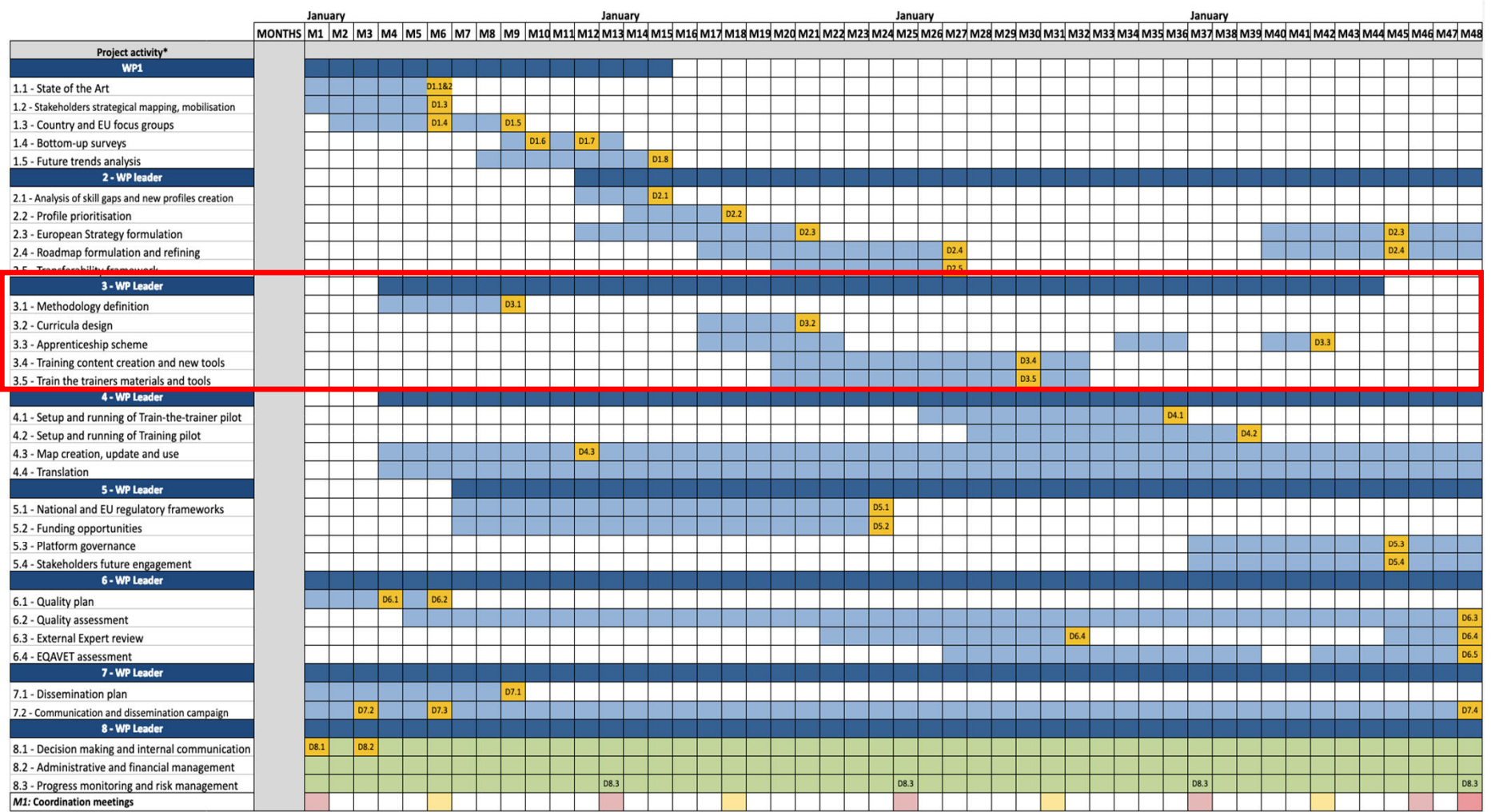
Partners involved (PMs): All

**Aim:** This Work Package lead by UNITO aims at creating relevant educational contents and curricula to answer the skill gap identified in WP1 and WP2 – EQF level 4-5 - sustainability, bio-economy and digital skills +soft skills

### **Main Objectives:**

- 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

# Gantt – focus on WP3



## WP3 - Tasks & Deliverables

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- **T3.1 Methodology definition M4-M9** [UNITO, ISEKI, ICOS, AERES, AP, UHOH, LVA, UCLM, INFOR]
  - *D3.1: Training methodologies (M9)*
- **T3.2 Curricula design (M17-M21)** [ICOS, UNITO, CONFAGRI, ISEKI, AERES, UHOH, CERTH, ACTIA, GAIA, GZS, LVA, AC3A, FIAB, FENACORE, INFOR, SEVT, EFB, EfVET, CEPI]
  - *D3.2: Curricula (M21)*
- **T3.3 Apprenticeship scheme (M17-M45)** [AERES, 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]
  - *D3.3: Apprenticeship scheme report (M42)*
- **T3.4 Training content creation and new tools (M20-M32)** [UCLM, UNITO, CONFAGRI, ICOS, AERES, AP, UHOH, CERTH, ACTIA, LVA, AC3A, FIAB, FENACORE, INFOR, EFB, PA, FJ-BLT]
  - *D3.4: Online training materials (M30)*
- **T3.5 Train the trainers materials and tools (M20-M32)** [AP, UNITO, CONFAGRI, ICOS, AERES, UHOH, CERTH, ACTIA, LVA, UCLM, AC3A, FIAB, FENACORE, INFOR, LLL-P, EFB, PA, FJ-BLT, CEPI]
  - *D3.5: User guide for trainers and train the trainers' session material (M30)*

# TX.3.1 Methodology definition

Duration: M4-M9

Leader: **UNITO**

Involved:

[UNITO (85 days), ISEKI (20), ICOS (18), AERES (30), AP (27), UHOH (27), LVA (27), UCLM (27), INFOR (10)]

## Task 3.1 Methodology definition - activities

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- Definition of the pedagogical approach used to develop the training programme
- The training design will consider Two target groups:
  - Interested in the skills, not in the certification of the skills (farmers, farm advisors...)
  - Interested in both the skills and EU certification and mobility (students)
- Methodologies considered: online, flipped classroom, on-farm demonstration
- Schedule of training: maximize engagement of learners (daily module)
- Comparison of LMS → open source. One platform per language
- Establishment of criteria to select trainers and trainees
- **D3.1 – Handbook on training methodologies (M9)**

# TX.3.2 Curricular Design

Duration: M17-M21

Leader: **ICOS** (45 Days)

Involved:

CONFAGRI (20), ISEKI (20), ICOS (20), AERES (27), UHOH(27),  
CERTH (27), ACTIA (12), GAIA (10), GZS (10), LVA (27), AC3A (18),  
FIAB (20), FENACORE (23), INFOR (18), SEVT (10), EFB (27),  
EfVET (20), CEPI (38)

## T3.2 Curricular Design

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- Develop the outline of 7/10 occupational profiles, which corresponds to the job profiles identified in T2.1 and T2.4
- at least one per topic (sustainability, digitalisation, bioeconomy).
- 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.
- Each occupational profile outline will correspond approximately to 680 h,
  - 120 online,
  - 180 in-class
  - 360 as a work based
  - 20 hours for the assessment
  - allow for the EQAVET certification.

The number of hours dedicated to sustainability, bioeconomy, forestry and digitalisation, soft skills will vary among countries, following the country roadmaps developed in TX2.4



## T3.2 Curricular Design

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### **Design Process:**

1. Establish L/O's  
(based on the ESCO Skills - European Skills, Competences, Qualifications and Occupations - part of the Europe 2020 strategy.)
1. Identify the Learning Assessment
2. Outline the training material that has to be developed

## T3.2 Curricular Design

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Deliverables:

Curricula Report

Description

This deliverable will present in detail 10 curricula outlines, referred to the prioritised ones.

Due date September 2021 (M21)

Language(s)

English, German, French, Greek, Italian, Dutch, Spanish, Slovenian, Finnish

Media(s) Electronic (+ platform layer)

## T3.3 Apprenticeship scheme

Duration: M17-M45

Leader: **AERES**

Involved: 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

## T3.3 Apprenticeship scheme

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EQF 4 – class activities alternated with work based periods

- Apprentice scheme design considering COM(2017) 563 on an European Framework for quality and effective apprenticeships (7 criteria)
- Stakeholders, VET providers will be engaged in developing these apprenticeship schemes -- some days of work based period at the farm, and some days/visits at the food and bio-based industry
- The training on the job schema will be considered as well
- Database of links to apprenticeship offers – online platform (T4.3)
- EU approach to apprenticeship will be designed to facilitate mobility of apprentice in Europe and integrated in the T2.3
- Each partner will provide companies ready to receive apprentice, and format the offer to be displayed on the platform and Drop'Pin
- **Deliverables:** *D3.3: Apprenticeship scheme report (M42)*

# T3.4 Train the trainers materials and tools

Duration: M20-M32

Leader: **UCLM** (total days 85)

Involved: UNITO (70), CONFAGRI (18), ICOS (10), AERES (20), AP (30), UHOH (60), CERTH (22), LVA (10), FIAB (18), FENACORE (30), INFOR (38), EFB (30), PA (48), FJ-BLT (70), CEPI (91)

## T3.4 Training content creation and new tools

This task 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.

Training material on a daily basis

Training material country specific (7 languages)

The material will be built into four modules:

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

several partners (ACTIA, FENACORE, FIAB, AERES) will revise the content of the course.

- Deliverables: *D3.4: Online training material (M30)*

# T3.5 Train the trainers materials and tools

Duration: M20-M32

Leader: **Agrar Plus (AP)** (25+30)

Involved: UNITO (38), CONFAGRI (18), ICOS (10), AERES (15), UHOH (60), CERTH (22), ACTIA (10), LVA (10), UCLM (60), AC3A (20), FIAB (10), FENACORE (20), INFOR (38), EFB (20+10), PA (40), FJ-BLT (10+60), CEPI (40+55)

## T3.5 Train the trainers materials and tools

This task 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.

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.

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

- Deliverables: *D3.5: User guide for trainers and train the trainers' session material (M30)*



# Q&A

<at the end of the WP>