

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

<b>D1.6 WEB-BASED QUESTIONNAIRE</b>	
<b>Document description</b>	The web-based questionnaire aims to assess skills needs, skills gaps, training needs and training gaps, in agriculture, forestry and the bioeconomy, including green and digital skills needs. This will be done by capturing additional insights, with consideration to the outcomes identified following the conduction of Focus Groups highlighted in task 1.3 and deliverable D1.5, relating to the future skills requirements of the Agri-Food and Forestry sectors. Additionally, it aims to support task 1.5 in the identification of future trends across these afore-mentioned sectors.
<b>Work package title</b>	Skills needs identification
<b>Task title</b>	Bottom-up surveys
<b>Status*</b>	F
<b>Partner responsible</b>	ICOS
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*\*F: final; D: draft; RD: revised draft*



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## 1 Summary

This Work Package aims at establishing a general overview of the labour market in agriculture, forestry and related sector (including the bioeconomy) in order to define present and future skills needs.

This will be accomplished through:

- 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.

The outputs of this work package will be directly used in WP2, WP3, WP4 and WP7.

The bottom-up surveys form part of this work-package as outlined in task 1.4 of the project description.

## 2 Description

The web-based questionnaire (Survey) aims to assess skills needs, skills gaps, training needs and training gaps, in agriculture, forestry and the bioeconomy, including green and digital skills needs by capturing additional insights. It takes in consideration the outcomes identified following the conduction of Focus Groups highlighted in task 1.3 and deliverable D1.5, relating to the future skills requirements of the Agri-Food and Forestry sectors.

Additionally, it aims to support task 1.5 in the identification of future trends across these afore-mentioned sectors.

Task 1.4 was led by ICOS and the survey was reviewed by T1.3 participants and CONFAGRI, AP, SCOOP, LVA, FENACORE, FIAB, LLL-P, EFB, FJ-BLT and CEPI validated the questionnaire, ensuring that all stakeholders point of view was taken into account.

## 2.1 Survey description

The survey was created by ICOS in collaboration with Task 1.3 and task 1.4 partners and the first draft was circulated among the Task Leaders of WP1 for discussion. Following the first draft, the survey was refined to reduce the number of skills across all five skills categories, namely: sustainability skills, digitalisation skills, bioeconomy skills (agriculture), bioeconomy skills (forestry), bioeconomy skills (agri-food Industry), soft skills and business & entrepreneurship skills.

Additionally, the survey included insights pertaining to:

- Persons completing the survey, such as country of work, gender and age category and job profiles;
- Sectors the persons were operating in;
- The organisation, such as area of operation and general size of the organisation;
- Education & training; and
- Business insights, such as challenges facing business, emerging trends, business models, strategy specific skills, and analytical tools used for analysing and understanding business operating environments.

### 2.1.1 Overview

The survey was developed and designed in English, using the online survey monkey tool, which allowed for the survey to also be translated into 9 different languages as was identified in task 4.4 of the project. The survey is available in all 10 languages as follows:

1. Dutch
2. English
3. Finnish
4. French
5. German
6. Greek
7. Italian
8. Portuguese
9. Slovenian
10. Spanish

The survey comprises of 10 Sections, 31 Questions and is estimated to take no more than 15 minutes to complete. The survey gives an overall introduction to participants and contact details for the project, and allows for both full or part completion if the survey with an opt out break built in within the survey. Additionally, the survey also allows for participants to sign up to receive further project information and to make contact with project partners.

A hard-copy of the Survey has been uploaded to the Shared Google Drive and can be found at: [https://drive.google.com/file/d/1L\\_I3pOuwzWTOJWJTeJpEJH\\_cT7KxlrwQ/view?usp=sharing](https://drive.google.com/file/d/1L_I3pOuwzWTOJWJTeJpEJH_cT7KxlrwQ/view?usp=sharing) and the online web-based survey can be found at: [https://www.surveymonkey.com/r/FIELDS\\_Surveys\\_Final](https://www.surveymonkey.com/r/FIELDS_Surveys_Final) .

ICOS also developed a correspondence email that could be used for dissemination of the survey to key stakeholders, across all participating partner countries and organisations. Additionally, ICOS developed some social media images to promote the survey when promoting via social media or web-based platforms.

The Slogan “Have you Say in the Future Skills Needs of the Agri-Food and Forestry Sectors” was used to engage Stakeholders.

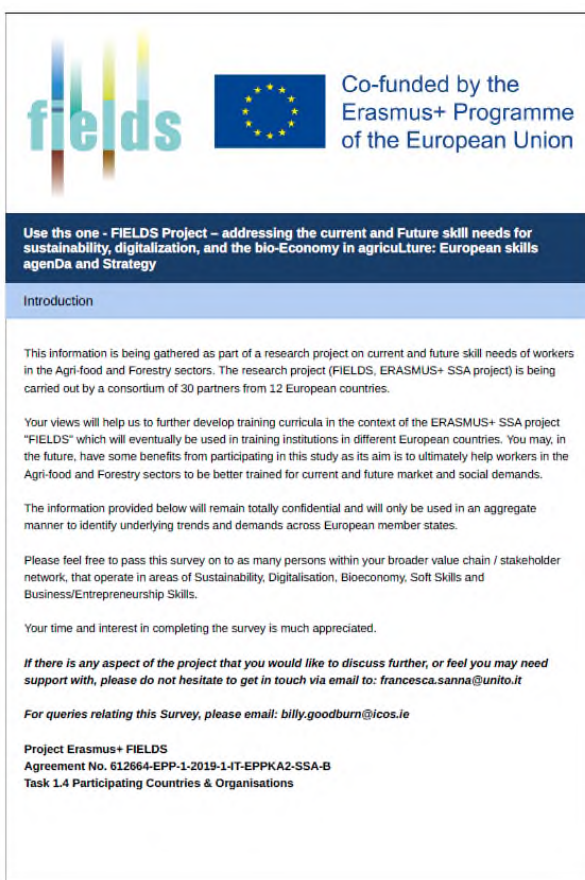


Figure 1. The introductory landing page for persons completing the survey.



Figure 2. Images for use on social media and web-based platforms for promoting the survey