



NEXTFOOD - Educating the next generation of professionals in the agrifood system

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Work Packages

WP1: Inventory of skills needed for a transition to more sustainable agriculture, forestry and associated bio-value chains

WP2: Action research facilitation

WP3: Future curriculum, education and training system

WP4: Policy assessment and recommendations

WP5: Quality assured knowledge transfer

WP6: Communication, dissemination and exploitation

WP7: Management

WP8: Ethic requirements

The Project duration:

May 2018 – May 2022

The Project Consortium includes:

- 19 partners
- 13 countries
- 3 continents
- 10 case studies

Main objectives of the project:

Enhancing the co-creation of innovation and knowledge in agriculture, forestry and related bio-value chains.

Developing an innovative European science and education roadmap for sustainable agriculture.

Inducing a paradigm shift from a linear to a cyclical approach of learning

Activities related to WP1: Inventory of the skills needed for a transition to more sustainable agriculture, forestry and associated bio-value chains

Task 1.1. Inventory of skills:

- Focus group interview,
- Survey on skills and competences

Focus group interview

Participants from different agricultural enterprises answered 12 questions and described skills and competences required in their everyday work, for current and future sustainable development. The interviews were organised in Italian with further translation in English. Translated answers were used for further analysis together with other 18 results of focus groups and were published in the project Deliverable 1.1.

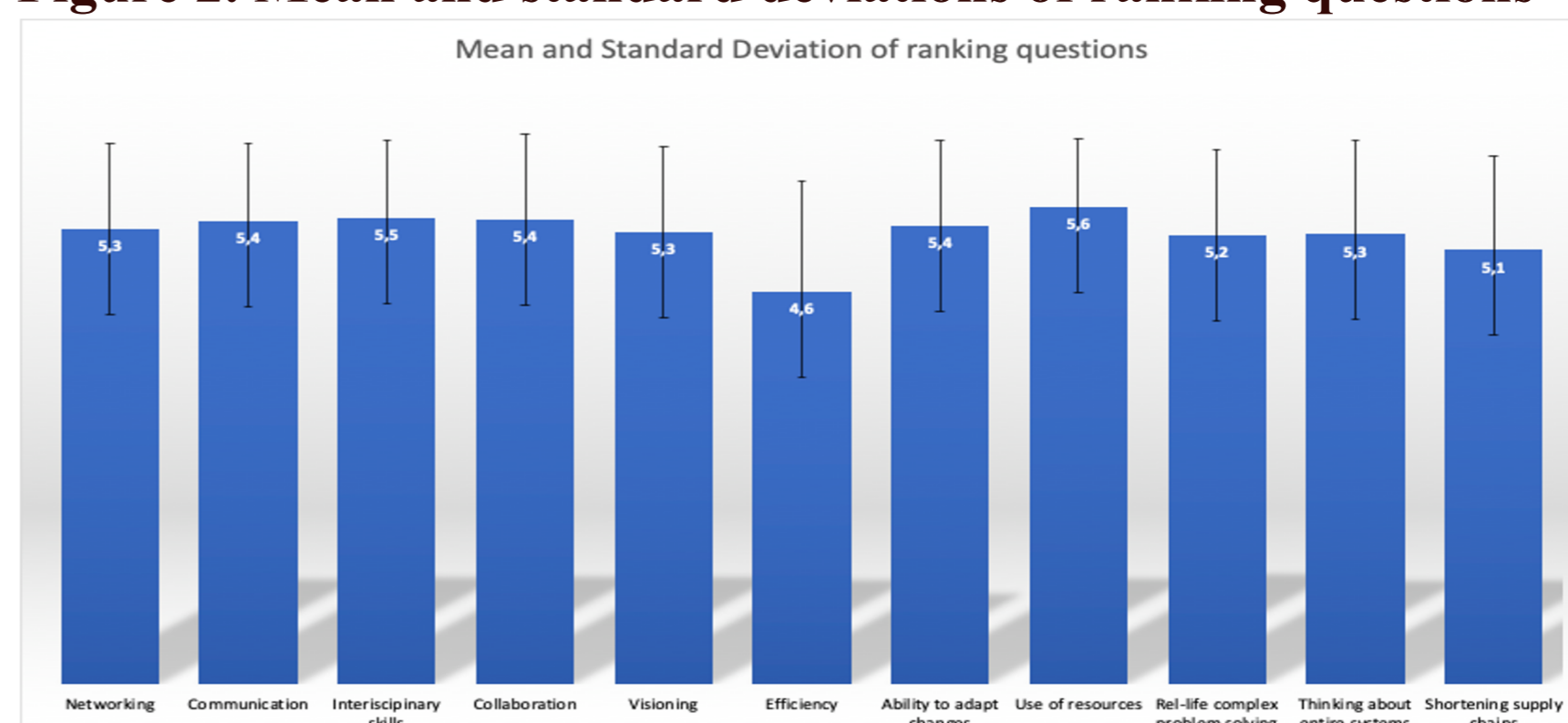
Figure 1. Focus group interview



Questionnaire on skills and competences

An additional chapter for Deliverable 1.1. was planned in order to include agri-food stakeholders around the world into evaluation skills and competences received after all focus groups interviews. For this chapter online questionnaire was developed (28 questions in total) on Qualtrics platform, was translated into 13 languages and was disseminated among the Nextfood consortium. The questionnaire included multiple-choice questions, open-ended questions and ranking questions (6 points Likert scale). Now the process of quantitative and qualitative data analysis is going on. The results will be published at the end of 2021

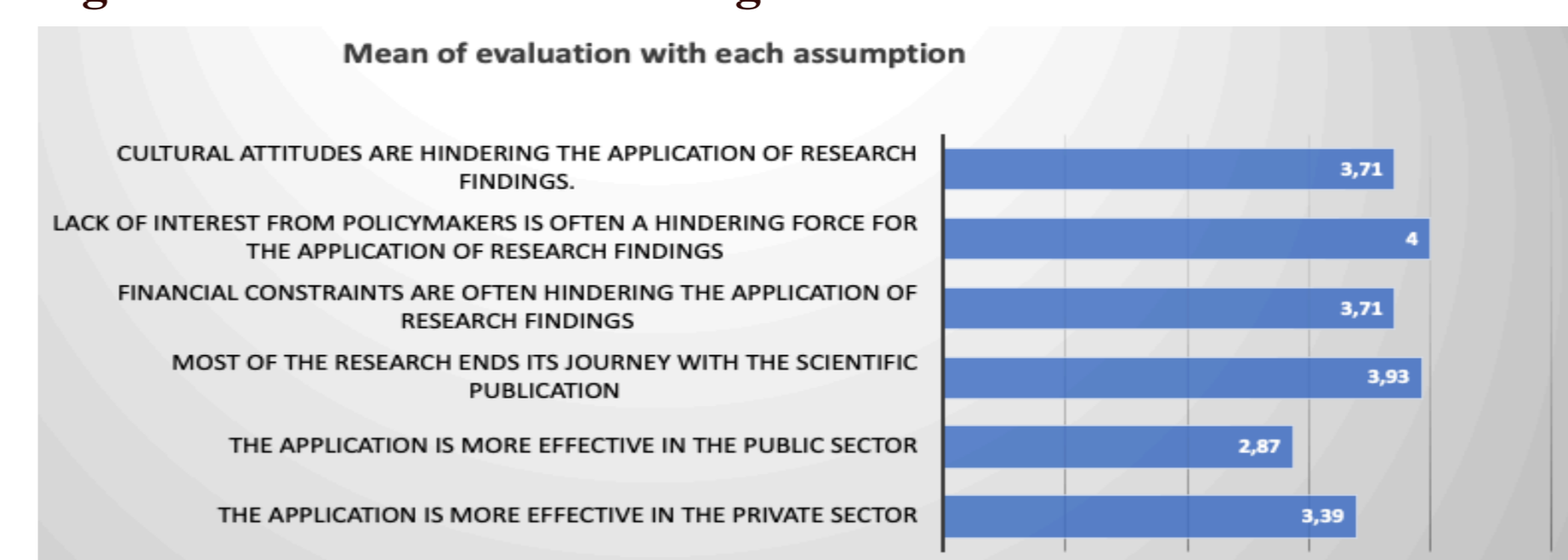
Figure 2. Mean and standard deviations of ranking questions



Task 1.2. Analysing gaps in research and education:

- Analysing gaps in research,
- Analysing gaps in education

Figure 3. Evaluation of limiting factors for research



Analysing gaps in research

As the project partner, USING contributed in both analysis gaps in research and education. For analysing gaps in education, was prepared a report concerning courses and skills that students develop. Whilst, analysing gaps in research required data collection through online questionnaire. Open-ended, multiple choice and ranking questions were included in the questionnaire in order to evaluate existing and potential obstacles and hindering forces for performing research, implementation of the research results and make a stronger connection between academia and practical world. Received data were elaborated in SPSS. Some of received results are demonstrated on Fig. 3. As the strongest factors affecting research activity, were mentioned financial factors and institutional. Based on the results were elaborated needed mechanisms for improving efficiency of the applied research for agri-food.