



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

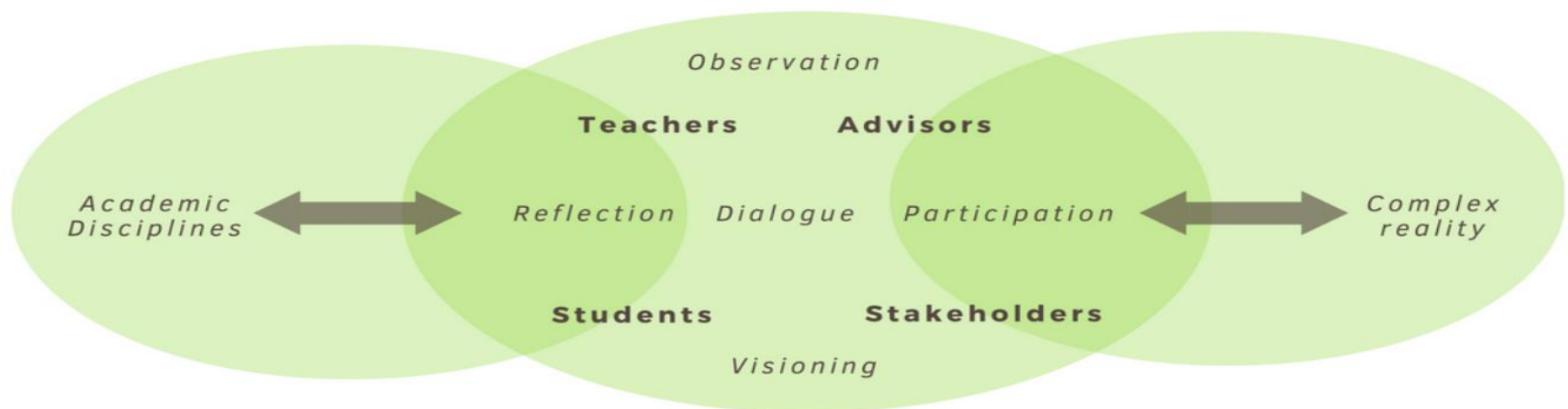
The Project duration:

May 2018 – May 2022

The Project Consortium includes:

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

COLLABORATIVE AND ACTION-ORIENTED LEARNING

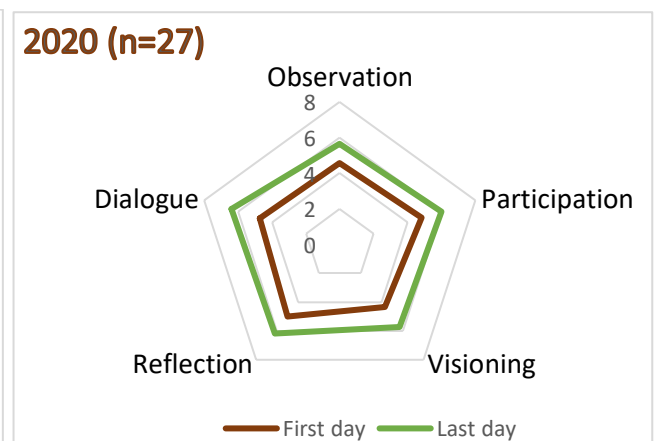
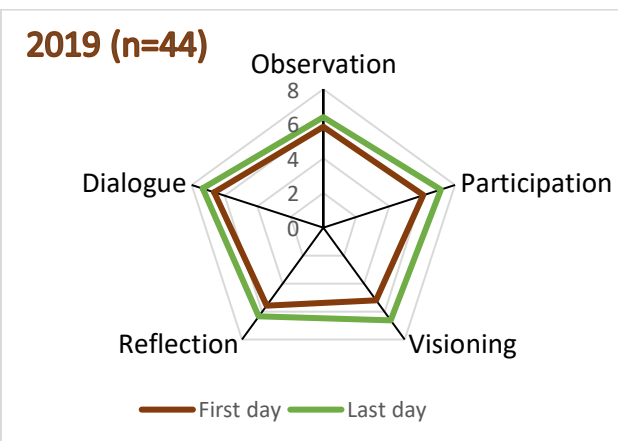
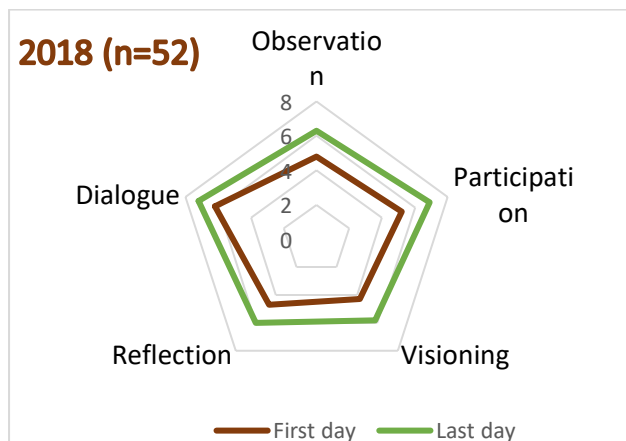


Activities related to WP2: facilitation of action learning

Research objective: Defining the differences between the students' outcomes after short-term courses based on experiential learning and online experiential learning.

Materials and methods:

- Online self-assessment tests for measuring and comparing the competence development of the Master students (Master of Gastronomy) in 2018, 2019 and 2020.
- Quantitative analysis for ordinal data (paired t-test, SPSS 26)



Results and discussions: Differences between mean evaluations of the competences and numbers of the students (n) participated in the course each year (2018,2019 and 2020) are demonstrated on pictures above. According to the students' self-assessment, they increased the level of their competencies during the course in each year. Different statistical significance demonstrated in Tab.1 evidences not strong accuracy in the students' self-evaluations (one of the weaknesses of the methodology). Quantitative measurement was completed by qualitative analysis, both of them revealed efficiency of the used action learning approach in terms of learning outcomes, didactic goals were achieved in all three cases (2018, 2019 and 2020).

Table 1. Statistical significance of the competences

	2018	2019	2020
Observation	**	n.s.	*
Participation	**	n.s.	***
Visioning	n.s.	**	*
Reflection	***	n.s.	***
Dialogue	*	*	***

*p<0.05, **p<0.01, ***p<0.001