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MSc in Sustainable Food Production Systems / STEPS

**WP1 Connection of the MSc programme with the world of work, the
social and the economic environment**

19th March 2019

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WP1 Objectives

The **overall objective** is to provide the background and support the design of the STEPS programme in order to meet labour market and society's need and expectations:

- Explore partner countries' needs in terms of skilled engineers and managers, which will support every aspect of the transition towards sustainable food production systems;
- Identify and analyse relevant MSc programmes at national, regional, European and international level that focus on the sustainability aspects of food production systems and address similar needs in similar social and economic environments;
- Provide best practices by highlighting the role of the education in the sustainable development of food production systems and by seeking to reflect the interconnections between management of physical resources, food production and processing methods, technological advancements, rural development and political reforms on the design of the STEPS programme.

WP1 Key Info

Tasks

- 1.1 Assessment and analysis of stakeholders' needs
- 1.2 Research on STEPS relevant programmes
- 1.3 Review and analysis of best practices
- 1.4 Development of mechanisms for continuous stakeholders input

Timeframe:

15 January 2019 – 15 September 2019

New timeline: start 15 March 2015 / end 15 October 2019

Coordinator: P02 – European University of Tirana



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WP1 Deliverables



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Dev.1.1 Report - Assessment and analysis report on stakeholders' needs

The report will review and analyse the needs of rural societies, labour market, national organisations and stakeholders at large in terms of the highly educated and skilled engineers and managers needed to improve food production, transform traditional harvest and post-harvest practices, manage processes and systems, monitor food quality and safety and also, exploit opportunities to innovate, increase productivity and competitiveness of food production systems.

- UET and AUT for the case of Albania
- UC and UNHZ for the case of Kosovo
- UNSA and UNBI, assisted by MESCS USK for the case of Bosnia-Herzegovina
- CULS, USAMVB, TEISTE and ReadLab will record Western Balkans problems and needs of education in MSc level, by reviewing EU and international organisations' archives and publications. They will also record forecasts regarding the needs of the labour market in the Western Balkans region and the objectives the educational strategies in relation to the development of food production systems.

Deadline 15.05.2019



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Dev.1.2 Report -Survey of STEPS relevant programmes

The report will provide an analysis of the structure and the contents of MSc programmes related to food production systems, in particular those that provide advanced knowledge of sustainable practices, from technical (engineering), management and institutional points of view. The research will provide the necessary information by reviewing MSc programmes in the Western Balkans:

- UET and AUT for the case of Albania
- UC and UNHZ for the case of Kosovo
- UNSA and UNBI, assisted by MESCS USK for the case of Bosnia-Herzegovina

EU partners will report relevant MSc programme at European and international level:

- CULS for the case of central and northern EU countries
- USAMVB for the case of eastern EU countries
- TEISTE for the case of southern EU countries
- ReadLab for the case of western EU countries

In addition,

- CULS and USAMVB will review relevant MSc programmes in North and South America
- TEISTE and ReadLab will review relevant MSc programmes in Asia, Africa and Oceania.

Deadline: 15/05/2019



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Dev.1.3 Report -Best practices of MSc programmes

The report will provide best practices (about 20) of MSc programmes in food production systems and analyse how MSc programmes provide strong scientific background, soft skills (including entrepreneurial) to graduates and the capacity to face modern challenges regarding the transition towards sustainable practices from engineering and management points of view:

- UET, AUT, UHZ and UC for the case of Western Balkans, and
- CULS, USAMVB, TEISTE and ReadLab at European and at international level.

Deadline: 15/06/2019



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Dev.1.4 Report - Report on the mechanisms for continuous stakeholders input

Contact information of stakeholders will be presented in detail, in order to be used for delivering questionnaires, organising meetings, roundtables, workshops etc. and offer them the opportunity to be engaged with project activities. The mechanisms of regular communication and collaboration between STEPS partners and stakeholders will be presented in the report.

Deadline: 15/09/2019