

Cooperation Workshop (CoW)

facilitated by the [LegumES](#) and [RADIANT](#) projects

Seeds of Sustainability: Valorising the ecosystem services - provided by legumes and other underutilised crops - as 'unique selling points'



A capacity building workshop is for actors with an interest in the production and processing of legumes and other underutilised crops.

Aim: To encourage awareness and knowledge co-creation from the perspectives of actors from across Europe, and internationally, whose experience of legume and other underutilised crop-based value-chains spans a range of pedoclimatic and socio-economic paradigms.

- ❖ *Brief introduction to Ecosystem Services*
- ❖ *Based on outcomes of an earlier legumES Multi-Actor-Workshop (to be shared), discuss strategies to:*
 - improve consumer demand of legume products; and,
 - increased the prominence of legumes in the marketplace.
- ❖ *Outputs will inform co-creation of actions and transition pathways that lead to change in the production and consumption of legumes, to quantify and evidence the potential provisions of legume-based value chains. These should include identification of mechanisms to:*
 - increase the production of legumes and other underutilised crop across the EU; and,
 - encourage the monitoring and delivery of ecosystem services (ESs).
- ❖ *Practice success showcases of underutilised crops-based product demos:*
 - Baked goods: Stolzenberger Bakery, live baking
 - Meat- and dairy alternatives: DIL

Expert groups in the legume value chain discuss and talk about the problems, solutions and give suggestions.

Groups: Maximum 5

1. Farmers/producers
2. Processors
3. Retailers/distributors
4. Academics/researchers
5. Policy makers / NGO's / Consumers

General Questions:

- i. Which system service (function) indicators should be prioritised to improve home growing of legumes, and consumption of home-grown legume-based products? (Provide examples).
- ii. How can we best balance ecosystem services e.g., environmental and biodiversity with profitability? Others?

Specific Questions:

- iii. Which future scenarios do you envisage for legume-based food systems: if overall production and consumption were to be accepted across the EU.

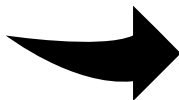
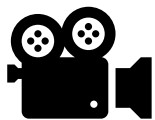
- iv. What strategies would best to improve legumes consumption.
 - a. How to reach consumers?
 - b. Establish/improve hub-initiatives and cooperatives?
 - c. How can valorising ecosystem services facilitate those strategies?

AGENDA

- 13:35-13:40** Short legumES project overview
- 13:40-13:45** Short RADIANT project overview
- 13:45-13:55** Mentimeter Questionnaire (general)
- 13:55-14:05** Overview of main ES in legume chains and summary of Germany-MAW outcomes
- 14:05-14:35** (In-parallel): live baking & cooking
- 14:05-14:25** Group Sessions on specific questions
- 14:25-14:35** Summary and prioritisation of answers & outlook
- 14:35-14:45** Product tasting and ranking
- 14:45-14:55** Conclusions and next steps
- 14:55-15:00** Wrap-up

What are Ecosystem service(ES)?

<https://www.youtube.com/watch?v=r7UCAsBT5Yg&t=36s>



PLAY

The ecosystem service benefits (ESB) of legumes

The benefits of ecosystem services (ESBs): the positive results they bring (e.g. clean water/lower water treatment costs).



Provisioning

- Food production
- Income diversification



Regulating & maintaining

- Air quality
- Pollination



Cultural

- Leisure and ecotourism
- Traditional ethical and/or cultural values

Valorisation...not just about finances

Recognising that something has inherent value (such as cultural heritage).

Transforming an existing material or idea into something useful or valuable (such as recycling waste into reusable materials).

Increasing value in a way that can be significant from a social or environmental point of view, even if it doesn't have immediate financial benefits.



Improve and increase the positive perception and monetary evaluation of ES's and ESB's



Increase adoption throughout the supply chain



Increasing its service to human beings and the environment

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PROJECT



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