

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

**Seeds of Sustainability: Legumes and Underutilized Crops in Circular Food Chains
Cooperation Workshop (CoWs)**

Capacity building for actors in legume production and valorisation.

Aim: To allow co-creation from an inter-biogeographic perspective, and Europe and intercontinental appreciation of agrobiodiversity, underutilised crops, and legume value-chains

- ❖ *Based on the Multi-Actor-Workshop (14.10.2024) outcomes, discussion on strategies to improve:*
 - Consumer demand of legume products
 - Stakeholder embrace of legumes for increased market prominence
- ❖ *Outputs will help in developing **Theory of change (TOC) route maps:***
 - To co-create mechanisms of desired scenarios for increased legume productions and balanced eco-system services (ESS)
 - To generate more sustainable, resilient, and diverse legume-based value chains
- ❖ *Practice success showcases of underutilised crops-based (legume-focused) 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:

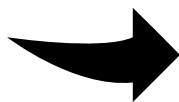
- iii. Which future scenarios do you envisage for legume-based food systems: if overall production and consumption were to be accepted across the EU.
- iv. What strategies would best to improve legumes consumption.
 - a. How to reach consumers?
 - b. Establish/improve hub-initiatives and cooperatives?

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 ESs 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 is Ecosystem service(ES)?

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



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

Valorization... not just about finances

Recognizing 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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legumES **radiant**
PROJECT



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