



Horizon Europe Brokerage Event
Cluster 6 Calls 2024

Brussels , 26 September 2023

Potential project collaboration topics

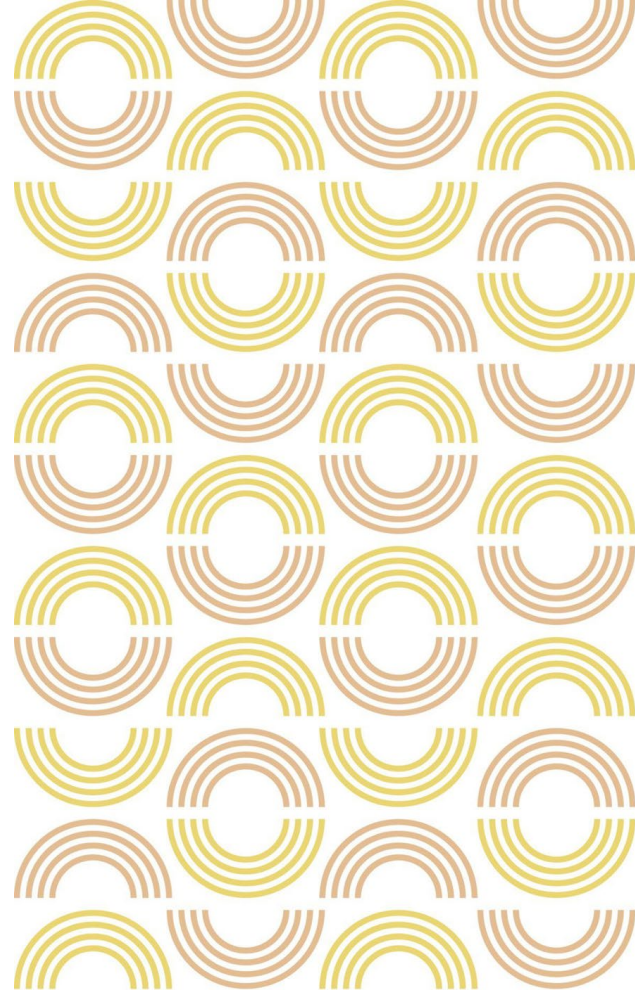
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Topic(s) addressed :

- HORIZON -CL6-2024-BIODIV -01-6: Promoting pollinator friendly farming systems
- HORIZON -CL6-2024-GOVERNANCE -01-11: Biodiversity thematic networks to compile and share knowledge ready for practice

Project idea

Objective: to compare the effectiveness of various measures promoting density of populations and species diversity of bees in an intensive agricultural environment.

We offer to study and compare the following measures:

- diversification of crops (small fields with various flowering crops instead of large monocultures);
- buffer zones along rivers or ditches;
- stripes of wild vegetation within large fields or along their edges.

Main expertise offered / sought

- The expertise possessed by LBTU - monitoring of the diversity of bees, methodology development .
- Involvement in previous/ongoing projects in the area :
 - Latvia Ministry of Agriculture project “Evaluation and determination of the most effective control methods of topical pests of leguminous plants and *identification of the factors affecting the viability of the most important pollinators for agriculture*”, 2019-2025;
 - EP7, ERA-Net, Core Organic Plus project „Innovative design and management to boost functional biodiversity of organic orchards (ECOORCHARD)”, 2015-2017;
 - S. Penvern, S. Fernique, A. Cardona, A. Herz, E. Ahrenfeldt, A. Dufils, L. Jamar, M. Korsgaard, D. Kruczyńska, S. Matray, L. Ozolina-Pole, M. Porcel, B. Ralle, B. Steinemann, W. Świergiel, M. Tasin, J. Telfser, F. Warlop, L. Sigsgaard, Farmers’ management of functional biodiversity goes beyond pest management in organic European apple orchards, Agriculture, Ecosystems & Environment, Volume 284, 2019, 106555, ISSN 0167-8809, <https://doi.org/10.1016/j.agee.2019.05.014>.
- Role in project –partner, task or WP leader
- The requirements for additional partner(s), i.e. expertise sought.
Experienced researchers developing methodology for the setting out the international monitoring and common field trials for more than 7 EU countries

Topic(s) addressed :

- HORIZON -CL6-2024-GOVERNANCE -01-10: Organic farming thematic networks to compile and share knowledge ready for practice)

Project idea

- Recent survey in OPER8 project showed, that there is a need of demonstration and experience exchange among farmers.
- LBTU could be ready to bring the knowledge to the farmers how to treat their fields and orchards as well as to make the scientifically proven trials on the efficiency of methods and products used in organic growing.
- LBTU have experience on monitoring of harmful and beneficial organisms, testing the efficiency of plant protection strategies, products and other alternative methods within efficacy and demonstration trials . We have close cooperation with farmers and experience in organizing seminars and field days.

Main expertise offered / sought

- **The expertise possessed by LBTU** –adaptation of the methodology to Latvian meteorological conditions, communication with farmers, implementation of the field trials, monitoring of harmful and beneficial organisms.
- **Involvement in previous/ongoing projects in the area** :
 - Latvia Ministry of Agriculture project «**Alternative control options for harmful organisms in oat and rye crops**», 2023-2026;
 - European agricultural fund for rural development (EAFRD) project «Support for demonstration activities and information activities arranging and conducting demonstration trials on various plant protection issues in organic fruit growing», 2018-2020, 2023-2025;
 - EP7, ERA-Net, Core Organic Plus project „Innovative design and management to boost functional biodiversity of organic orchards (ECOORCHARD)”, 2015-2017;
 - EAFRD project No. 061211/c-114 “Development of sustainable organic horticulture, using environmentally friendly plant protection strategies, preserving natural resources and their biodiversity”, 2012-2014.
- **Role in project** –partner, task leader, WP leader
- The requirements for additional partner(s), i.e. expertise sought.
Experienced researchers in organic farming with ready solution to spread out to farmers with further high efficiency results.

Contact details

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