



EU CAP Network Brokerage event ‘Accelerating the innovation process through Horizon Europe multi-actor projects’

Antwerp, Belgium
19-20 October 2023

BIODIVERSITY-RICH FARMING SYSTEMS

Gisela Quaglia
Research and Innovation Unit, DG AGRI



1. BIODIVERSITY-RICH FARMING SYSTEMS

Gisela QUAGLIA

Research and Innovation Unit, DG AGRI

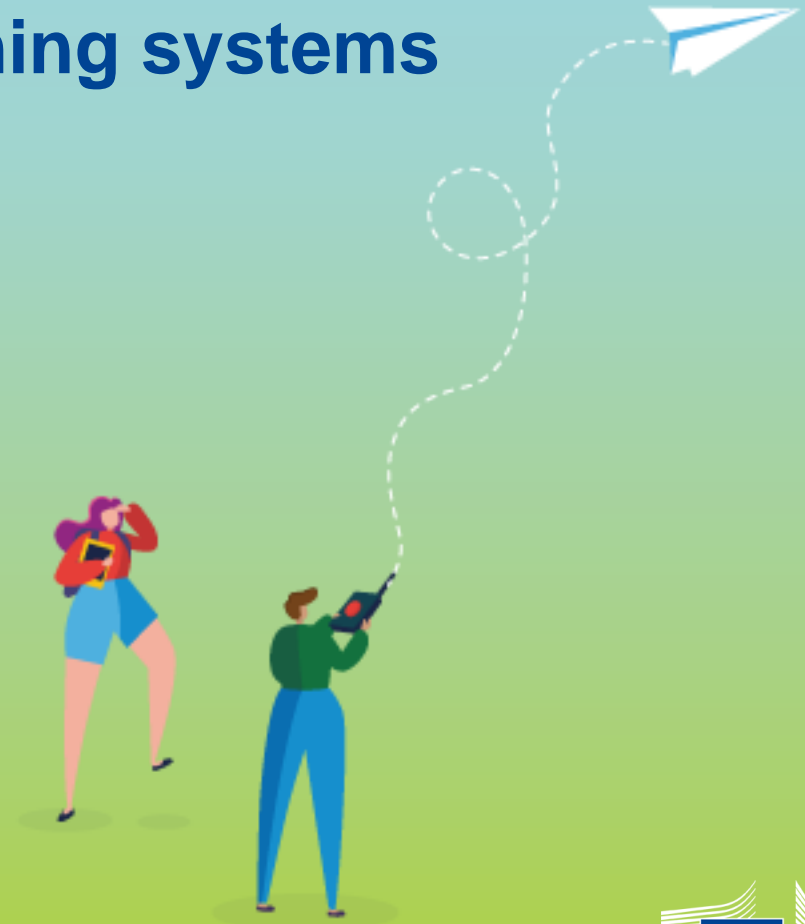
19/10/2023

HORIZON-CL6-2024-BIODIV-01-6

Promoting pollinator friendly farming systems

Research and Innovation Action

Indicative budget: 6 M€ in total



HORIZON-CL6-2024-BIODIV-01-6



POLICY CONTEXT



- EU Climate Policy

Contribute to the transition to more sustainable practices in agriculture, and support biodiversity in agroecosystems.



EXPECTED OUTCOMES

- Farming systems are more pollinator-friendly and support (agro)biodiversity;
- Pollinator-friendly varieties, rotations and combination of crops are promoted;
- Farmers are more aware of the importance of pollinator-specific planning and measures available to enhance pollination services;
- Breeding sector is adapted to develop varieties adapted to pollinator-friendly farming.

Related impact:
Preservation and restoration of biodiversity and ecosystems



HORIZON-CL6-2024-BIODIV-01-6



SCOPE

- **Increase** the understanding of the **crop-farming system-pollinator relationship** in combination with the interaction between crop, environment and management (GxExM);
- **Identify crop traits** that **enhance crop-pollinator interactions**, engage in **breeding activities** and contribute to the development of pollinator-friendly varieties;
- **Identify, test and demonstrate** farming systems that take into consideration **temporal and spatial diversification of crops** as well as landscape features to **match pollinators needs**;
- **Promote and facilitate** the **uptake** of farm-pollinator friendly practices;
- **Support capacity building**, training and education enabling farmers/growers to adopt sustainable agricultural practices;
- **Develop strategies** to create value of pollinator friendly approaches along the value chain.



KEEP IN MIND

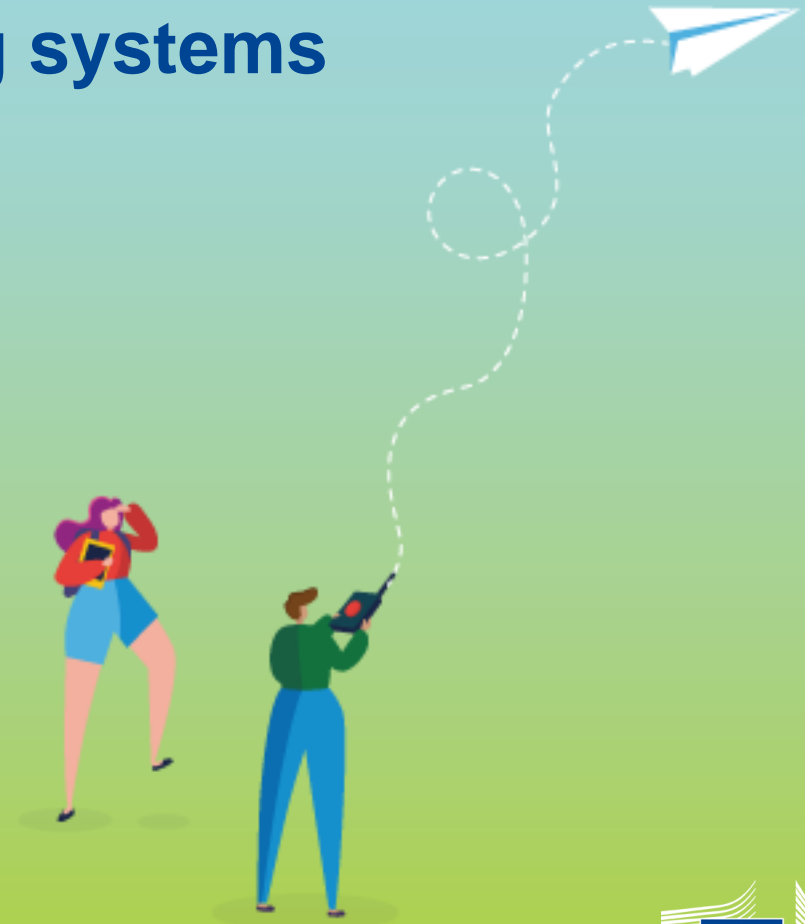
- Multi-actor approach 
- Open to all types of farming systems (e.g., arable farming, horticulture, fruit trees)
- Cover various geographical and pedo-climatic conditions
- Conventional and organic farming
- Collaboration with other proposals

HORIZON-CL6-2024-BIODIV-02-3-TWO-STAGE

Promoting minor crops in farming systems

Research and Innovation Action

*Indicative budget: 10 M€ in total
(5 M€ per project)*



HORIZON-CL6-2024-BIODIV-02-3-two-stage



POLICY CONTEXT



Contribute to contribute to food security and adaptation of the agricultural production to the effects of climate change

This topic supports the implementation of:

- Farm to Fork Strategy
- Common Agricultural Policy
- EU Climate Policy under the European Green Deal



EXPECTED OUTCOMES

- Increased evidence of the environmental benefits of minor crops;
- Farmers make use of a wider range of crops, and combination of crops;
- Minor crops are integrated in farming systems promoting their environmental benefits;
- Increased resilience and climate adaptation of farming systems vis-a-vis biotic and abiotic stresses;
- Feed and food industry make use of minor crops;
- Creation of new avenues for farmers and value chains through a wider range of products.

Related impact: Preservation and restoration of biodiversity and ecosystems



HORIZON-CL6-2024-BIODIV-02-3-two-stage



SCOPE

- **Promote the access** to minor crops engaging in **breeding activities**;
- **Improve agronomic management** practices for minor crops;
- **Explore the effects and benefits of minor crops** and **demonstrate the ecosystems services** supported by farming system diversification and the integration of minor crops (if applicable, including novel crop rotations).
- **Identify and test** avenues for **marketing and processing of more diverse farming** outputs across the value chain;
- **Promote the uptake of minor crops** through the development of guidelines and wide-spread practical demonstrations taking into account a range of farming systems, pedo-climatic conditions and value chains;
- **Support capacity building**, training and education enabling farmers/growers to adopt sustainable agricultural practices.



KEEP IN MIND

- Open to all types of farming systems
- Various pedo-climatic zones
- Benefit both conventional and organic farming
- Sound representation of SSH disciplines.
- Multi-actor approach



HORIZON-CL6-2024-GOVERNANCE-01-11

Biodiversity thematic networks to compile and share knowledge ready for practice

Coordination and Support Action

*Indicative budget: 3.00 M€ in total
(3.00 M€ per project)*



HORIZON-CL6-2024-GOVERNANCE-01-11



POLICY CONTEXT



Despite the continued funding of scientific projects, new knowledge, innovative ideas and methods from practice are not shared and adopted.

Successful proposals need to:

- provide primary producers need impartial and tailored knowledge;
- speed up innovation and the uptake of results;
- contribute to effective Agriculture Knowledge and Innovation Systems (AKIS).



EXPECTED OUTCOMES

- Support the implementation of the cross-cutting objective of the CAP and the European Green Deal
- Collection and distribution of easily accessible practice-oriented knowledge
- Maintenance of practical knowledge in the long-term
- Increased flow of practical information between farmers / foresters in the EU
- Greater user acceptance of collected solutions and a more intensive dissemination of existing knowledge

HORIZON-CL6-2024-GOVERNANCE-01-11



SCOPE

- Tackle the **most urgent needs of farmers and/or foresters** related to **biodiversity**.
- Cover at least the following aspects:
 - ✓ **Incentives** from farmers and foresters **to improve biodiversity on farms/forests** or across farms/forests in a collaborative way;
 - ✓ **EU requirements for biodiversity protection** in agricultural and forest areas (Birds and Habitats Directives).
- Compile a comprehensive description of **the state of current farming practices on biodiversity** to explain the **added value of the proposal** and the relevance of the theme; cost-benefit aspects + how the project avoids duplication with ongoing or completed projects and networks.
- Deliver an extensive range of useful, applicable and appealing **end-user material** for farmers and foresters → **feed** into the existing **dissemination channels most consulted** by farmers and foresters in their countries.



KEEP IN MIND

- Practice abstracts and other materials should be provided to:
 - ✓ EIP-AGRI,
 - ✓ national/regional/local AKIS channels, and
 - ✓ EU wide knowledge reservoir - [EU-FarmBook](#)
- **Details** on the EIP Operational Groups and synergies
- **Multi-actor approach**, activating farmers / foresters and advisors, p. 21-23
- Minimum of **3 years**

Thank you



© European Union 2020

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.

Slide xx: [element concerned](#), source: [e.g. Fotolia.com](#); Slide xx: [element concerned](#), source: [e.g. iStock.com](#)



EU CAP Network Brokerage event ‘Accelerating the innovation process through Horizon Europe multi-actor projects’

19-20 October 2023
Antwerp, Belgium

All information on the brokerage event is available on the event webpage:

https://eu-cap-network.ec.europa.eu/events/eu-cap-network-brokerage-event-accelerating-innovation-process-through-horizon-europe_en

