



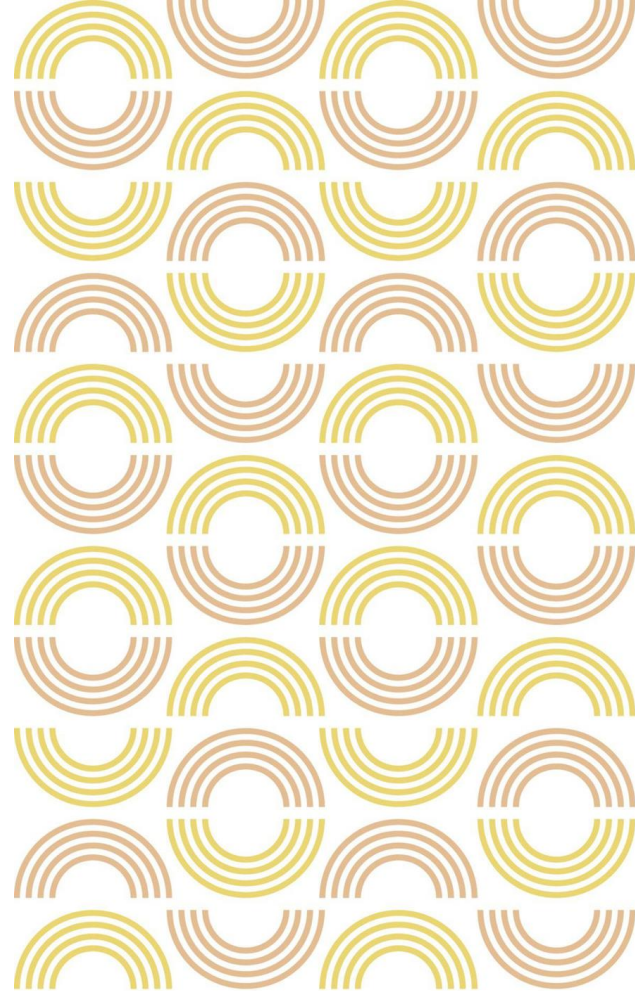
Horizon Europe Brokerage Event
Cluster 6 Calls 2025

Warsaw, 27 May 2025

CIRCE- Technology center

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Proposal Development Section



This project has received funding from the European Union's Horizon Europe research and innovation programme, under Grant Agreement No 101059839

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.

Topic addressed:

- CIRCE will coordinate a proposal under the HORIZON-CL6-2025-02-FARM2FORK-02-two-stage: *Open topic: Innovating for on-farm post-harvest operations, storage and transformation of crops into food and non-food products.*

Other topics of interest:

- HORIZON-CL6-2025-01-CIRCBIO-07: Demonstration, deployment and upscaling of circular systemic solutions in cities and regions (Circular Cities and Regions Initiative)
- HORIZON-CL6-2025-01-ZEROPOLLUTION-06: Provide digital solutions tailored to small and medium-sized farms to monitor and sustainably manage agricultural inputs and natural resources

Project idea

The project applies digital and innovative solutions to optimize the operation of FOOD + NON-FOOD agricultural value chains. It will address food crops, stone fruit, cereals, among others, spanning rain-fed and irrigated systems and considering seasonality as a key factor.

Based on in-field monitoring (IoT sensors, remote sensing and hydro-edaphic-meteorological models), predictive models of quality and quantity will be built that cover:

- Climatic and crop factors (soil, irrigation, phenology, mycotoxin risk, etc.).
- Post-harvest availability to plan logistics and access new markets.
- Crop losses vs. process residues, differentiating both streams and enabling their valorisation (bio-products, bio-energy, compost, etc.).
- Carbon footprint of each chain to facilitate climate-neutral business models.

These models will be integrated into a Decision Support System (DSS) and a Digital Product Passport that certifies quality and sustainability along the entire chain.

Main expertise sought:

The proposal counts with 2 demo cases, Spain and Greece, and we are currently looking for a third demo case centered in non-food and in a different climate region. Conditions:

- Primary producers involved
- At least one technological development for storage or transportation.
- Organic farming

Main expertise offered for other calls:

HORIZON-CL6-2025-01-CIRCBIO-07

- Capabilities: Automated Sorting of C&DW; Development of Recycling Technologies; LCA and Circularity Assessment.
- Leaders of the first Circular Hub in Zaragoza, Spain, in the [REDOL](#) project. Possibility to include a demo case connected to the hub.
- Desired Role: Partners

HORIZON-CL6-2025-01-ZEROPOLLUTION-06

- Capabilities: Soil Health; Digital Modelling; IoT; Renewable Energy Integration; Water Management;
- Coordinators of [HarvRESt](#) project: Creation of a Agricultural Virtual Power Plant → integration of agricultural and energy models for balanced production
- Desired Role: Partners

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