Increasing the resilience of agriculture in water and nutrient-scarce environments through digital innovations

Horizon Europe

PENDING

Code
HORIZON-CL6-2027-02-FARM2FORK-01

Scope
International

Location
Europe

Curator
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FINANCIAL DETAILS

Support type
Non-Refundable

Maximum Funding Rate
100%

Budget
12M€

Eligible Project Value
Up to 6M€

DATES & DEADLINES

Publication Date
December 12, 2025

Opening Date
April 20, 2027

Deadline
September 23, 2027 at 05:00 PM GMT+2

DESCRIPTION

Objectives

This call aims to increase the resilience of agriculture in environments with water and nutrient scarcity through the development and deployment of digital innovations. The objective is to empower farmers with digital tools and advice to better manage water and nutrient resources, reduce pollution, and enhance biodiversity. The call supports the EU's Green Transition, sustainable prosperity, and competitiveness in agriculture. Eligible applicants are consortia that must implement a multi-actor approach, including a balanced mix of farmers, researchers, advisors, technology providers, and business partners. Social sciences and humanities (SSH) expertise must be included to enhance societal impact. The call is open to legal entities from EU Member States and associated countries, with specific eligibility for non-EU/non-associated countries as outlined in the Horizon Europe Programme Guide.

Funding

The support is provided as a non-refundable grant in the form of a lump sum, covering up to 100% of eligible costs for Research and Innovation Actions (RIA). Each project is expected to receive a contribution of 6.000.000 EUR, with a total topic budget of 12.000.000 EUR and two grants expected to be awarded.

ELIGIBLE EXPENSES

- Personnel Costs
- Travel costs
- Equipment costs
- Other goods, works and services costs
- Subcontracting
- Indirect Costs

BONUSES & MAJORATIONS

- Multi-actor approach with balanced mix of actors
- Effective contribution of social sciences and humanities (SSH) disciplines
- Addressing needs of persons with disabilities (accessibility of information)
- Engagement in international cooperation
- Use of and complementarity with EU digital/data infrastructures
- Testing in organic farming systems

ELIGIBILITY

Application Mode
Consortium / Copromotion

Eligible Sectors

- Agro-Food
- ICT & Software
- Energy & Environment
- Other

Company Typologies

- Micro
- SME
- Small Mid-Cap
- Mid-Cap
- Large
- Private non-profit entities

- Public entities

Action Types

- Research on plant-soil-water-nutrient interactions under climate change
- Development and testing of digital monitoring devices and systems for agriculture
- Integration of monitoring systems into farm management information systems (FMIS) and decision support systems (DSS)
- Development and testing of AI-enabled decision support systems for water and nutrient management
- Creation and public sharing of high-quality AI training data for agriculture
- Identification of barriers and enablers for adoption of digital tools by farmers
- Assessment of knowledge, training, and advice gaps for digital agriculture
- Implementation of multi-actor approach involving farmers, researchers, advisors, technology providers, and business partners
- Inclusion of social sciences and humanities (SSH) expertise to enhance societal impact
- Testing solutions in various farming systems, including organic farming
- Use and complementarity with Digital Europe Program and EU data infrastructures
- International cooperation and collaboration with relevant EU projects
- Research and Innovation Action

EU PROGRAMME DETAILS

Call ID
HORIZON-CL6-2027-02-FARM2FORK-01

Cluster
Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Destination
D2. Fair, healthy and environment-friendly food systems from primary production to consumption

Submission Mode
single-stage

EU Contribution
€6,000,000.00 per project

Expected Projects
2

Funding Rate Rule
Up to 100% of eligible costs for Research and Innovation Actions (RIA)

OFFICIAL LINKS

Official Regulation
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL6-2027-02-FARM2FORK-01

Grantavia page
https://grantavia.com/en/incentives/increasing-the-resilience-of-agriculture-in-water-and-nutrient-scarce-environments-through-digital-innovations

Schedule a meeting
https://calendly.com/filipa-silva-epsa/reuniao