



Focus Group 'Production of protein crops under climate change'

Sevilla, Spain
27-28 May 2025

Horizon Europe Research & Knowledge gaps

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Horizon Europe: the EU's key funding programme for research and innovation



To ensure 'healthy food and nutrition security by making agriculture, fisheries, aquaculture and food systems sustainable, resilient, inclusive and within planetary boundaries'...Research activities will also aim to... **leverage the potential of protein and underutilized crops.**

- Work Programme 2025:
 - Opening: on 15 May
 - Closure: 16th Sep 2025; Two stage: 4th Sep + 18th Feb 2026
- It sets out the funding opportunities through **thematic calls for proposals and topics.**
- Co-creation process, including a **stakeholders feedback opportunity** (15 April – 6 May) and your **feedback as FG**, to identify research needs and gaps (Research needs from practice)

Policy context



- **Political Guidelines** - Von der Leyen Commission:
 - ✓ fair and sufficient incomes for our farmers
 - ✓ an agriculture that works for and with nature
 - ✓ continue to cut red tape, especially for small and family farms
- **New Commissioner for Agriculture and Food** - Mr Christophe Hansen
- **Strategic Dialogue on the Future of EU Agriculture** by stakeholder organisations across the entire food system (input industry, farmers, food industry, distribution, trade, consumers, NGOs, academia)
- **The Vision for Agriculture and Food** to build an agri-food system that is attractive, competitive, future-proof and fair for current and future generations.

The Vision for Agriculture and Food

Ensuring the future of our farmers and food



ATTRACTIVENESS

An **attractive** and **predictable** agri-food sector where incomes enable farmers to thrive, attracting future generations

A grower guide to protein crops under climate change

Characterisation and genetic improvement of protein crops

Strengthening regional value chains, uniting protein crop farmers under unique identity

Knowledge exchange and creation

On-farm processes for protein crops



SUSTAINABILITY

A **future proof** agri-food sector that is functioning within planetary boundaries



COMPETITIVENESS & RESILIENCE

An agri-food sector that is **competitive** and **resilient** in the face of rising global competition and shocks



FAIRNESS

An agri-food sector that values **food**, fosters **fair working and living conditions** and vibrant and well-connected rural and coastal areas

What is a “research need from practice”?

- **A problem/challenge** that professionals from the farming & forestry sectors and other relevant actors come across in their daily work, and **for which multi-actor research projects or EIP-AGRI OG may provide solutions.**
- **a possible solution** or a **new method identified in practice** by a farmer, forester or advisor **which needs further research, or the development of a methodology** if the solution needs to be implemented on a broader scale.
- **new knowledge** and/or an **innovative solution** discovered by a farmer, forester or advisor, which could benefit from research **to improve or commercialize the solution or allow it to be applied / adapted elsewhere.**



[Report - Research needs from practice | EU CAP Network](#)

What is the use of "research needs from practice"?

- feed into the HE programming of **European R&I activities**
- feed **networking** activities and **information** actions
- **national and regional authorities** may decide to take up the topics in their national calls for innovative projects;
- Professionals in the field such as researchers, policy makers, etc, with an interest in the same issue can review published research needs from practice and **provide an answer** to the problem.
- others may inform that they are working in the same problem and **try to solve it**, for instance by setting up an innovative project with other partners. Once working together, these actors may look for funding opportunities

Work Programme 2025

Destination: Fair, healthy and environmentally-friendly food systems from primary production to consumption

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

<u>02-FARM2FORK-01</u>	Additional activities for the European partnership on accelerating farming systems transition - agroecology living labs and research infrastructures	90
<u>02-FARM2FORK-02</u>	Additional activities for the European partnership on animal health and welfare	120
<u>02-FARM2FORK-03</u>	Overcoming the barriers for scaling up circular water management in agriculture	12-6
<u>02-FARM2FORK-04</u>	Enhancing plant protein production to bolster the resilience of agricultural systems and EU self-sufficiency in plant protein used as feed	11-5.5
<u>02-FARM2FORK-05</u>	Developing innovative phytosanitary measures for plant health - focus on systems approach for pest risk management	12-6
<u>02-FARM2FORK-06</u>	Improving grassland management in European livestock farming systems	16-8
<u>02-FARM2FORK-07</u>	Fostering animal breeding and genetics for climate change adaptation and mitigation, improved robustness and resilience	12-6
<u>02-FARM2FORK-08</u>	Exploring the potential of controlled environment agriculture (CEA)	6
<u>02-FARM2FORK-09</u>	Strengthening the EU crop breeding research and innovation ecosystem for competitive, resilient, and sustainable agriculture	3
<u>02-FARM2FORK-16</u>	Developing a joint AU-EU Agricultural Knowledge and Innovation System (AKIS) supporting the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership	6



[Funding opportunities under Horizon Europe Calls 2025 | EU CAP Network](#)

How to formulate “research needs from practice”?

- **Title/Topic:** formulate clearly if it is a challenge (problem) or solution that needs research and use 1 or 2 keywords
- **Describe the problem or solution** which needs further research in 1 - 3 sentences
- **Specify the geographical area(s)** where the need has been identified or where this need could potentially exist
- **Choose the sector(s)** where the issue is relevant (**who** to work with)

HORIZON EUROPE



CLUSTER 6

INFO DAYS
20-21 May 2025
online

BROKERAGE
27 May 2025
Warsaw



Thank you



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EU CAP Network Focus Group 'Production of protein crops under climate change'

2nd meeting | 27-28 May 2025 | Sevilla, Spain

All information on the Focus Group is available on the webpage:

<https://eu-cap-network.ec.europa.eu/events/focus-group-production-protein-crops-under-climate-change-2nd-meeting>

