



**Innovation & knowledge
exchange | EIP-AGRI**

Smart Farm Practices and innovation

Iiri Raa

European CAP Network

Innovation & knowledge exchange - EIP-AGRI

23.05.2024 BEATLES First EU multi-actor working group workshop



EU CAP Network support units



STRANDS

CAP IMPLEMENTATION

INNOVATION & KNOWLEDGE EXCHANGE | EIP-AGRI

EVALUATION

SUPPORT UNITS

CAP IMPLEMENTATION CONTACT POINT

SUPPORT FACILITY INNOVATION & KNOWLEDGE EXCHANGE | EIP-AGRI

EVALUATION HELPDESK

COMMUNICATION & EVENTS SUPPORT

Coordinated annual work programmes



EIP-AGRI bridging research and practice



Support Facility Innovation & Knowledge exchange | EIP-AGRI: Services

sharing knowledge - tackling challenges - connecting people





PROJECT DATABASE

About the EIP-AGRI project database

The EIP-AGRI project database features innovative projects from across Europe that boost innovation and knowledge exchange for agriculture, forestry and rural areas.

[Browse projects](#)

Projects

3527 results

[EIP-AGRI Project Database | European CAP Network \(europa](#)

The EIP-AGRI project database features innovative projects from across Europe that boost innovation and knowledge exchange for agriculture, forestry and rural areas.

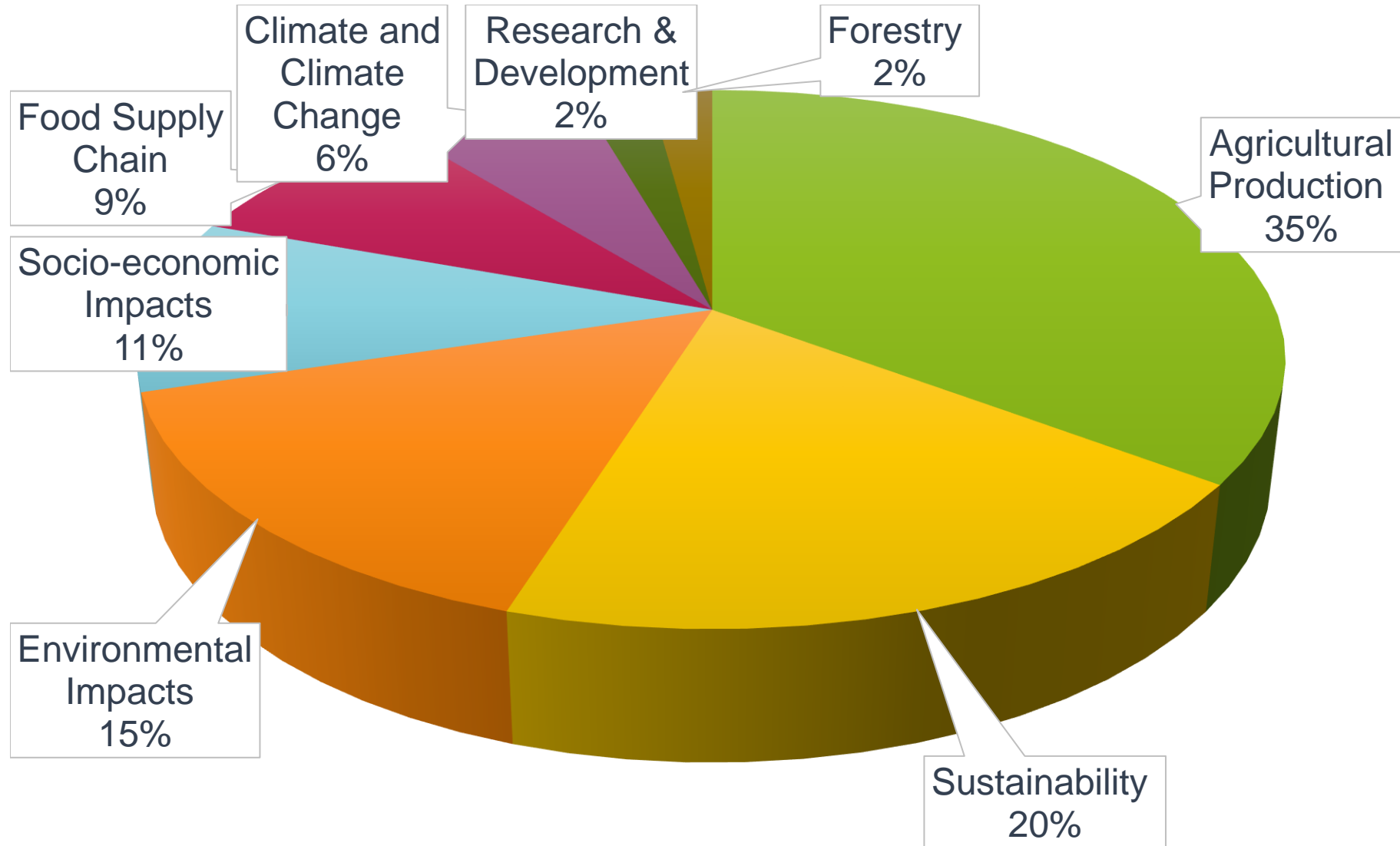
This includes EIP-AGRI Operational Groups, research and innovation projects such as Horizon multi-actor projects, including thematic networks, and other innovative projects - established after 2014.

Project Type

- EIP-AGRI Operational Group (2976)
- Research and innovation (420)
- Innovative project (131)



EIP-AGRI Operational Groups - main topics





**Sustainable management of
natural resources in farming
practices**



**Business models in food
supply chains**



**Animal welfare and
husbandry**



Public favourite award



**Climate change mitigation
and adaptation**



**Sustainable forest
management**



Digitalisation



OG examples among EIP-AGRI Innovation Awards 2024 nominees

Cover crops – OG MoreSoil (Maissoilo)

- Integrating cover crops also contributes to sustainable weed and pest control, improving soil fertility and carbon sequestration.
- This OG developed a new biodiverse mix of legumes and grains to use as cover crops that are well-suited to the soil, climate and agricultural practices in the area.
- Methods to monitor soil health were applied, and the project established a programme with local farmers that consisted of co-creation workshops, training and demonstration plots.
- Policy Impact - the project allowed to produce measurable outputs for policy support in the context of agroenvironmental and climate measures to apply on CAP.



OG examples among EIP-AGRI Innovation Awards 2024 nominees Biodiversity - Sustainable Uplands Agri-environment Scheme (SUAS)

- OG addresses the declining conditions of upland habitats in Ireland
- Commonage Groups - fostering collective management and integrating habitat management with livestock practices.
- Training courses and a payment system rewarding farmers for habitat management were developed.
- The project has led to a shift in farmer attitudes towards habitat management, diversifying farm income alongside animal production.
- The results are transferable to other upland regions.
- Farmers, ecologists and government agencies collaborated in the project's development.



OG examples among EIP-AGRI Innovation Awards 2024 nominees

Sustainable irrigation systems – Improving the productivity and sustainability of underground drip irrigation systems that use oil mill waste as fertiliser (SUBALMA)



- OG tackles saving water and fertilizers in the context of climate change
- New business opportunities for farmers beyond olive oil.
- Circular economy strategies for reusing oil mill by-products as fertilizers through techniques that guarantee maximum water-use efficiency.
- Subsurface irrigation and injection of nanobubbles in oil mill effluents, reducing the use of synthetic fertilizers in precision irrigation.
- Farmers are key actors in this project and collaborated with an innovation consultancy, technology developers, research centres and the regional government.





NETWORKING ACTIVITIES

FOCUS GROUPS



Regenerative agriculture for soil health

How can regenerative agriculture practices help farmers to restore, protect and improve soil health and productivity?

Crop associations including Milpa and protein crops

How to integrate crop associations into existing cropping systems and farm landscapes to increase farm resilience and efficient use of natural resources while reducing the dependency on external inputs?

New Focus Groups:

- New plant protein sources/production of protein/leguminous crops under climate change
- Local plant genetic resources in view of climate change and biodiversity loss
- Alternative strategies for sustainable livestock systems

Enhancing the biodiversity on farmland through high-diversity landscape...

How can farmers create and maintain high-diversity landscape features (HDLF) that positively impact farmland biodiversity?

Competitive and resilient mountain areas

Which innovative approaches and innovations linked to agriculture, forestry and bioeconomy can foster the competitiveness and the socio-economic and environmental resilience of mountain areas and their communities?

Social farming and innovations

How can social farming contribute to innovation in agriculture while strengthening the multi-functional role of agriculture and connecting people from urban and rural areas?

Recovery of abandoned agricultural lands

How to foster new, practical ways for better management of abandoned agricultural land in a sustainable way?

46 Focus Groups were set up between 2013 and 2021



NETWORKING ACTIVITIES



‘Circular water management’- disseminate and exchange knowledge on **circular water management** considering **the reuse and recycling of water for agricultural production**.

12-13
Mar

2024

‘EU CAP Network conference ‘EIP-AGRI Operational Groups: Innovation in practice’ – Exchange and learn from the experiences of OG projects and boost possibilities to share promising knowledge and innovations developed by OGs; upscale OG outcomes in practice.

06-08
May

2024

‘Promoting pollinator-friendly farming’ – cultivating pollinator-friendly crop types and varieties promoting temporal and spatial diversification of crops; maintaining and restoring diverse landscape features that match pollinator needs.

18-19
Jun

2024

CROSS-VISIT

EU CAP Network cross-visit ‘Climate adaptation on the ground’

The EU CAP Network cross-visits between Operational Groups ‘Climate adaptation on the ground - innovative solutions to build farm resilience’ take place on Wednesday 26 - Thursday 27 June 2024.

26-27

Jun

2024

Thank you!



Funded by
the European Union