



### Bridging practice and research



**PRACTICE** 



### **RESEARCH NEEDS**

CONNECTING PEOPLE, SHARING KNOWLEDGE AND TACKLING CHALLENGES

**IDEAS TO TEST** 

**UNIQUE EU KNOWLEDGE REPOSITORY OF CONTACTS AND PRACTICE ABSTRACTS**  LONG-TERM IMPACTS OF RESEARCH & INNOVATION UNDER HORIZON EUROPE CLUSTER 6



### RESEARCH

### **Horizon Programmes**

- Multi-actor projects
- Thematic networks
- Advisory networks
- Thematic networks built on OGs

Involvement of OGs strongly recommended



 Preparation Implementation

• EIP Operational Groups

**CAP Strategic Plans** 

Innovation support services

Advisory services



### **Opportunities under CAP 2023-2027**

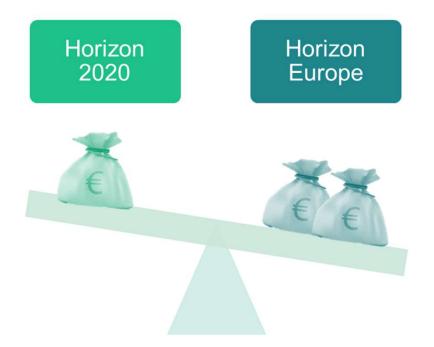
Article 127 on European Innovation Partnership for agricultural productivity and sustainability (R. 2021/2115) explicitly provides a possibility for transnational OG projects:

"EIP operational groups may act at transnational, including cross-border, level".





### **Opportunities under Horizon Europe**



**EUR 9 billion** under Horizon Europe Cluster 6 "food, bioeconomy, natural resources, agriculture and environment"











## Multi-actor projects



"By respecting our diversity with a tailored approach, and by consulting with all parties involved, [..] we can shape an attractive farming and food sector for generations to come"

- Christophe Hansen, Commissioner for Agriculture and Food

Multi-actor approach = practitioners are at the center of the R&I activities over the whole course of the project. In this way we can achieve much quicker and bigger impact in practice!

**Definition & requirements:** introduction to the <u>Pre-published Work</u> <u>Programme 2025</u>, e.g., Horizon Europe Cluster 6 **WP25 p. 14-16:** 

- √ 7 key requirements
- ✓ involvement of EIP-AGRI OGs is strongly recommended!





# H2020 projects on animal welfare (mainly)



Sustainable Animal Production (Mar. 2016–Feb. 2022; €5M EU) 37 partners from 23 countries SRIA and project results:

https://era-susan.eu/ - https://cordis.europa.eu/project/id/69623

Call 2016





**FREEWALK** (2017-2021) Develop economic sound free walk farming systems elevating animal welfare, health and manure quality, while being appreciated by society. <a href="https://era-susan.eu/content/freewalk-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-animal-welfare-health-develop-economic-sound-free-walk-farming-systems-elevating-elevating-grant-farming-systems-elevating-grant-farming-systems-elevating-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-farming-grant-far

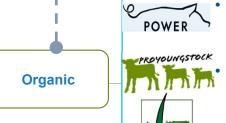
**SUSI** (2017-2021) Sustainability in pork production with immunocastration. <a href="https://erasusan.eu/content/susi-sustainability-pork-production-immunocastration">https://erasusan.eu/content/susi-sustainability-pork-production-immunocastration</a>



Organic Food and Farming Systems (Dec. 2016-May 2022; €5M EU)

26 partners from 19 countries

Project results: https://projects.au.dk/coreorganiccofund/



**POWER** (2018-2021) Power to strengthen welfare and resilience in organic pig production. Handbook "Welfare and environmental impact of organic pig production" <a href="https://www.fibl.org/fileadmin/documents/shop/1300-hb-power-en.pdf">https://www.fibl.org/fileadmin/documents/shop/1300-hb-power-en.pdf</a>.

**ProYoungStock** (2018-2021) Young stock and cows benefit from natural feeding systems. Assessment of young stock rearing practices: natural calf rearing and feeding systems. <a href="https://projects.au.dk/fileadmin/user\_upload/proyoungstock\_leaflet\_web.pdf">https://projects.au.dk/fileadmin/user\_upload/proyoungstock\_leaflet\_web.pdf</a>

• **FreeBirds** (2018-2021) Encouraging organic chickens and laying hens to be more outdoor. Relation between chickens' free-range use and health and welfare.

https://coreorganicplus.org/fileadmin/coreorganicplus.org/Project\_leaflets/ORGANICDAIRYHEALTHFINAL.pdf

• **GrazyDaisy** (2018-2021) Innovative and sustainable grazing-based systems integrating cows and young stock. <a href="https://projects.au.dk/fileadmin/user\_upload/grazydaisy\_leaflet\_web.pdf">https://projects.au.dk/fileadmin/user\_upload/grazydaisy\_leaflet\_web.pdf</a>



# H2020 / HEU projects on animal welfare (mainly)







**PPILOW** (2019-2024; €10M) Poultry and PIg Low-input and Organic production systems' Welfare https://cordis.europa.eu/project/id/816172 https://www.ppilow.eu/



**Clearfarm** (2019-2023; €6M) Co-designed Welfare Monitoring Platform for Pig and Dairy Cattle https://cordis.europa.eu/project/id/862919 https://www.clearfarm.eu/



**BOVINE** (2020-2022; €2M) BovINE Beef Innovation Network Europe https://cordis.europa.eu/project/id/862590



**Hennovation** (2015-2017; €2,1M) (2020-2022; €2M) Practice-led innovation supported by science and market-driven actors in the laying hen and other livestock sectors https://cordis.europa.eu/project/id/652638

**LIFT** (COST action; 2022-2026) Lifting farm animal lives – laying the foundations for positive animal welfare, https://www.cost.eu/actions/CA21124/



**aWISH** (2022-2026; €8M) Animal Welfare Indicators at the SlaughterHouse. Automated monitoring at the slaughterhouse of complementary animal-based indicators for monitoring welfare on farm, during (un)loading, transport and slaughter. https://www.awish-project.eu/



H2020

(SC2 & others)

**PIGWEB** (2021-2026; €5M) An infrastructure for experimental research for sustainable pig production; https://cordis.europa.eu/project/id/101004770













### **EU Co-funded Partnership Animal Health &** Welfare



Missions

Collaborative projects

Achievina goals

**Partnerships** 

- Animal Health & Welfare
- Agroecology
- Agriculture of Data

DRIVERS

GEN OBJ.

OBJ.

Vulnerable sector with a societal recognition to be improved

### Technological:

New technologies and innovation opportunities, but need to overcome-practical

Negative impact of climate change, chemical contaminants incl. antimicrobials to be considered

Return on investment to be enhanced to stimulate funding

### Political:

Animal health, welfare and food regulations at EU level, Tripartite Action Plan AMR, Green Deal, new CAP, etc. enforce rigid restrictions

To better control animal infectious diseases and reinforce the preparedness of all actors

To facilitate the cooperation between all relevant actors

on animal health and welfare

To boost research and increase evidence-base to develop products and tools for AH&W

To enhance cross-sector collaboration in a

One Health-One Welfare

To strengthen the dissemination and uptake of outputs

**ECTIVES** OBJE

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MPACT

Surveillance systems for health and welfare

Diagnostic and tools for monitoring of animal

and tools for of animal

Adapt risk and alert communi cation to new needs

and preventive tools to fight animal infectious

prototype advance

tions and treatments animal infectious

adjuvants modulators

To place animal welfare at the

foreground of animal production

Access to veterinary interventions and

Integrated approach on health and welfare, incl socio-

- Improved coordination of all actors in animal health and welfare, public health and the environment
- · Increased investments in research and innovation, infrastructures, education and training, and services in animal health and welfare
- State-of-art science to improve animal health and welfare, and protect public health

- · Heightened food safety and security, and reinforced capacity of the livestock sector to meet the objectives of related political priorities
- · Improved protection of public health by capacity to reduce zoonoses and reduce inappropriate use of traditional antimicrobials
- · Improved preparedness of all actors and stakeholders and provision of means for farmers and other actors to manage their activities in a way to prevent and control AIDs
- Improved societal perception of animal production by better addressing animal welfare across the entire chain.

### Economical / Technological

- Contribute to a more healthy, sustainable and resilient livestock and aquaculture sector
- Create a more dynamic animal healthcare industry.
- · Protect economic viability of livestock and aquaculture farming systems
- · Uptake by all actors of tools and methods to prevent and control animal infectious diseases and strengthen animal welfare



## International activities on animal welfare

Bilateral activities with non-EU countries

Multilateral activities cooperation with WOAH, FAO and other Training & technical assistance
BTSF, TAIEX and other

Farm to
Fork
Strategy
Green Alliances
on sustainable
food systems

"Animal welfare international activities are a long-term investment, based on three subsequent steps: awareness raising, capacity building and funding."

Commission's report on the impact of animal welfare international activities on competitiveness: <a href="https://ec.europa.eu/food/sites/food/files/animals/docs/aw\_international\_publication-report\_en.pdf">https://ec.europa.eu/food/sites/food/files/animals/docs/aw\_international\_publication-report\_en.pdf</a>



### Thematic networks

Thematic networks collecting existing knowledge and best practices on a given challenge/opportunity to make it available in easily understandable formats for end users such as farmers, foresters, advisors, consumers and others.

**45** (34 H2020 + **22** HE) bottom up (+ **2** with predefined theme)

**9** with focus on EIP-AGRI operational groups















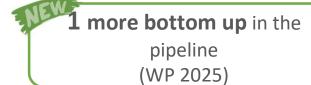












GOFORESTS













### Advisory networks

**Advisory networks** connecting advisors across all EU Member States in an EU network with a view to share experiences on how to best tackle challenges/seize opportunities on farm, in forests and rural villages.









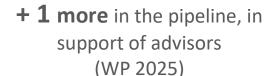


















# Boosting place-based innovation & peer-to-peer learning: living labs & lighthouses



Living-labs

 group of real-life sites in which diverse actors experiment and test solutions for soil health and agroecology in a co-creative manner



Lighthouses (demo farms)

• individual sites, such as a single farm, for demonstrating, training and communicating about innovative best practices





# Living-labs are based on multi-actor approach





More info: What is the Mission Soil? | Mission Soil Platform (europa.eu)



The European partnership on accelerating farming systems transition: **agroecology living labs** and research infrastructures

More info: Agroecology Partnership





### How to find partners to participate in Horizon?

- Partner search on EU Funding & Tenders Portal
- > Horizon Europe info days European Commission
- Cluster 6 Info Days : 20-21 May Online
- Soil Mission Info Days: 22-23 May Online
- Brokerage events organised by Care4Bio 27 May 2025 (on-site, Warsaw, Poland)
- > EU CAP Network brokerage event: recently organised in Prague 29-30 April 2025
- > On-site training organised by Care4Bio 28 May 2025 on relevant proposal writing aspects
- > Other networking activities organised by EU CAP Network | EIP-AGRI: brokerage event; cross-visits, focus groups, workshops, seminars, conferences, etc.



# Thank you





### Cross-visit 'Monitoring animal welfare'

8-9 May 2025 Reggio Emilia, Italy

All information on the workshop is available on the event webpage.

