

# CSA ALL-Ready



[www.all-ready-project.eu](http://www.all-ready-project.eu)

## Towards an European network on Agroecology Living Labs & Research Infrastructures

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INRAE

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# ALL-Ready



# Europe can lead the way in transforming agricultural systems



Feeding the (changing) world will require a major transformation in the way that we produce, manage and consume food.

Specifically:

Sustainable and resilient agricultural production systems that can at the same time help mitigate GHG emissions and adapt to specific and changing environmental conditions, while providing food and nutrition security.

Rethinking how we produce food, reducing and recycling waste and losses, and taking an agroecological approach that safeguards and uses biodiversity and ecosystems services.

# Agroecology promotes a profound change of reasoning



- 1) Local: adapted to the local environmental, social and economic context
- 2) Evolutive: the trajectory has to be regularly evaluated (adaptive management)
- 3) “In the making”: collective experience, development of practice exchange and active networking

This means that researchers, trainers, advisers and producers will be equally concerned by the knowledge gaps → Co-creation

Experimental processes: strong networks and common open data bases / methodologies.

--> Living labs / Research Infrastructures to boost agroecology

## European partnership

→ *Accelerating farming systems transition: agroecology living labs and research infrastructures*



Key to sustainability and resilience is the need for transition of our food systems.

Agroecology living labs and other open innovation arrangements are seen as a means of achieving this through upscaling and outscaling of agroecological practices across Europe (and beyond) based on sharing of knowledge, best practices and capacity building

Agroecology research infrastructures can bring scientific knowledge (processes) based on systemic and innovative approaches on experimental farms or landscapes or farm networks, in diverse situations

→ ALL-Ready is one building block in the construction of the partnership and a more sustainable and resilient Europe.

# Consortium



1. INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT (INRAE)	FR
2. AARHUS UNIVERSITET DK	DK
3. OKOLOGIAI MEZOGAZDASAGI KUTATOINTEZET KOZHASZNU (OMKI)	HU
4. JOHANN HEINRICH VON THUENEN-INSTITUT, BUNDESFORSCHUNGSINSTITUT FUER LAENDLICHE RAEUME, WALD UND FISCHEREI	DE
5. EUROPEAN NETWORK OF LIVING LABS (ENoLL)	BE
6. BIOSENSE INSTITUTE - RESEARCH AND DEVELOPMENT INSTITUTE FOR INFORMATION TECHNOLOGIES IN BIOSYSTEMS	RS
7. FIBL EUROPE - FORSCHUNGSINSTITUT FUR BIOLOGISCHEN LANDBAU IN EUROPA	BE
8. ECOLOGIC INSTITUT	DE
9. EUROPEAN LANDOWNERS ORGANIZATION (ELO)	BE
10. Agriculture and Agri-Food Canada	CA
11. EIGEN VERMOGEN VAN HET INSTITUUT VOOR LANDBOUW- EN VISSERIJONDERZOEK (ILVO)	BE
12. E-SCIENCE EUROPEAN INFRASTRUCTURE FOR BIODIVERSITY AND ECOSYSTEM RESEARCH (LifeWatch)	ES
13. THE UNIVERSITY OF SHEFFIELD	UK

Links established to BiodivERsA, CORE Organic, BioEast, Water JPI, EIP Agri, AKIS, JRC, FAO...

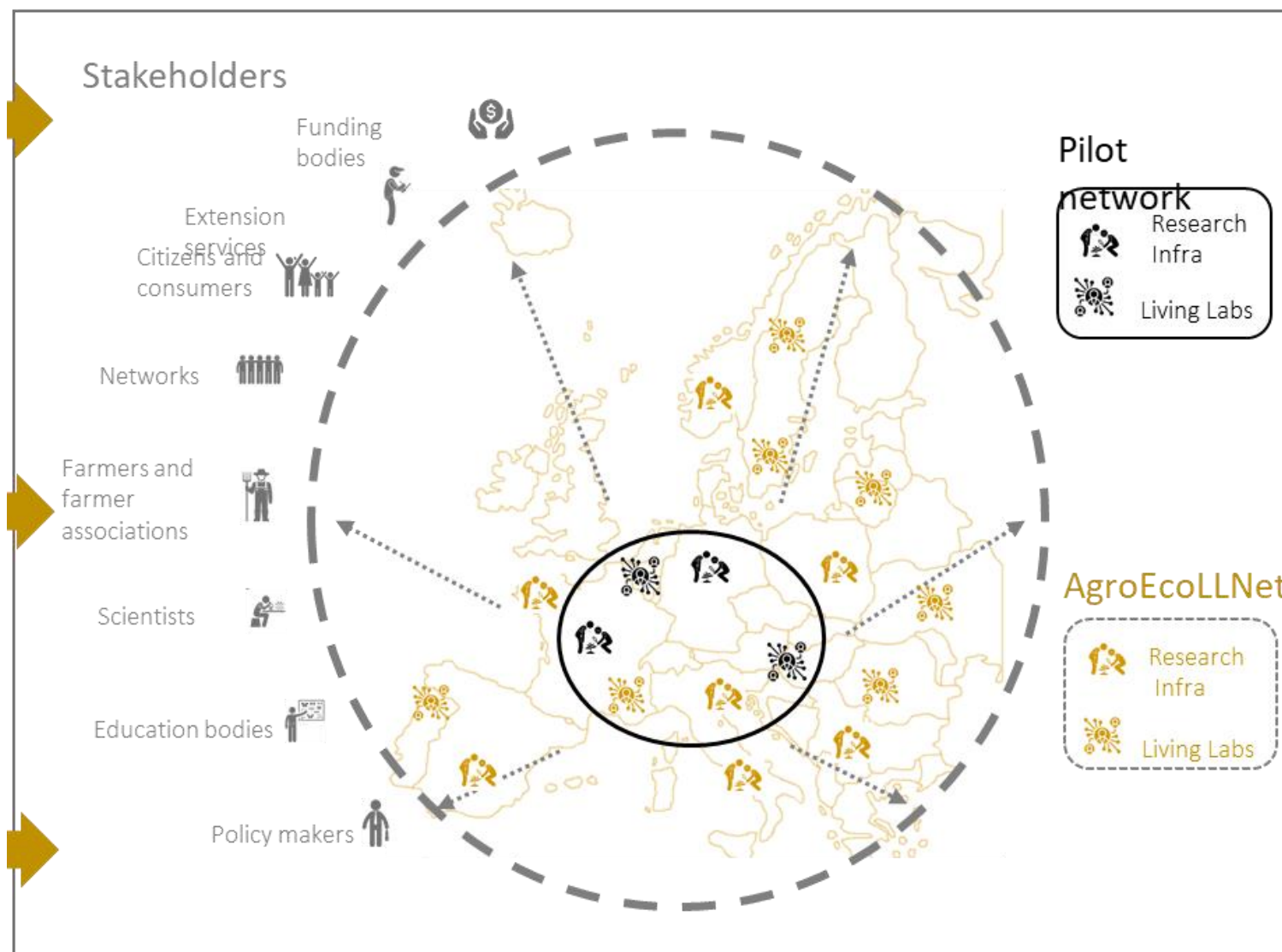
# Main aim of ALL-Ready



The main aim of ALL-Ready is to **prepare and pilot a European Network of Living Labs (LL) and Research infrastructures (RIs)** that will enable the transition towards agroecology throughout Europe.

For that purpose, ALL-Ready will build this Network to answer the following questions:

- ☐ Which agroecological criteria can be used to characterise agroecological systems, and monitor their transition? Which methodologies have been used to co-design and co-create new systems?
- ☐ Who are the actors involved (farmers, cooperatives, water and landscape managers, NGOs, consumers,...), in which (types of) activities and with which governance?
- ☐ How diverse are the transitions and how can learning from one another across Europe be promoted to contribute to up-scaling and out-scaling?





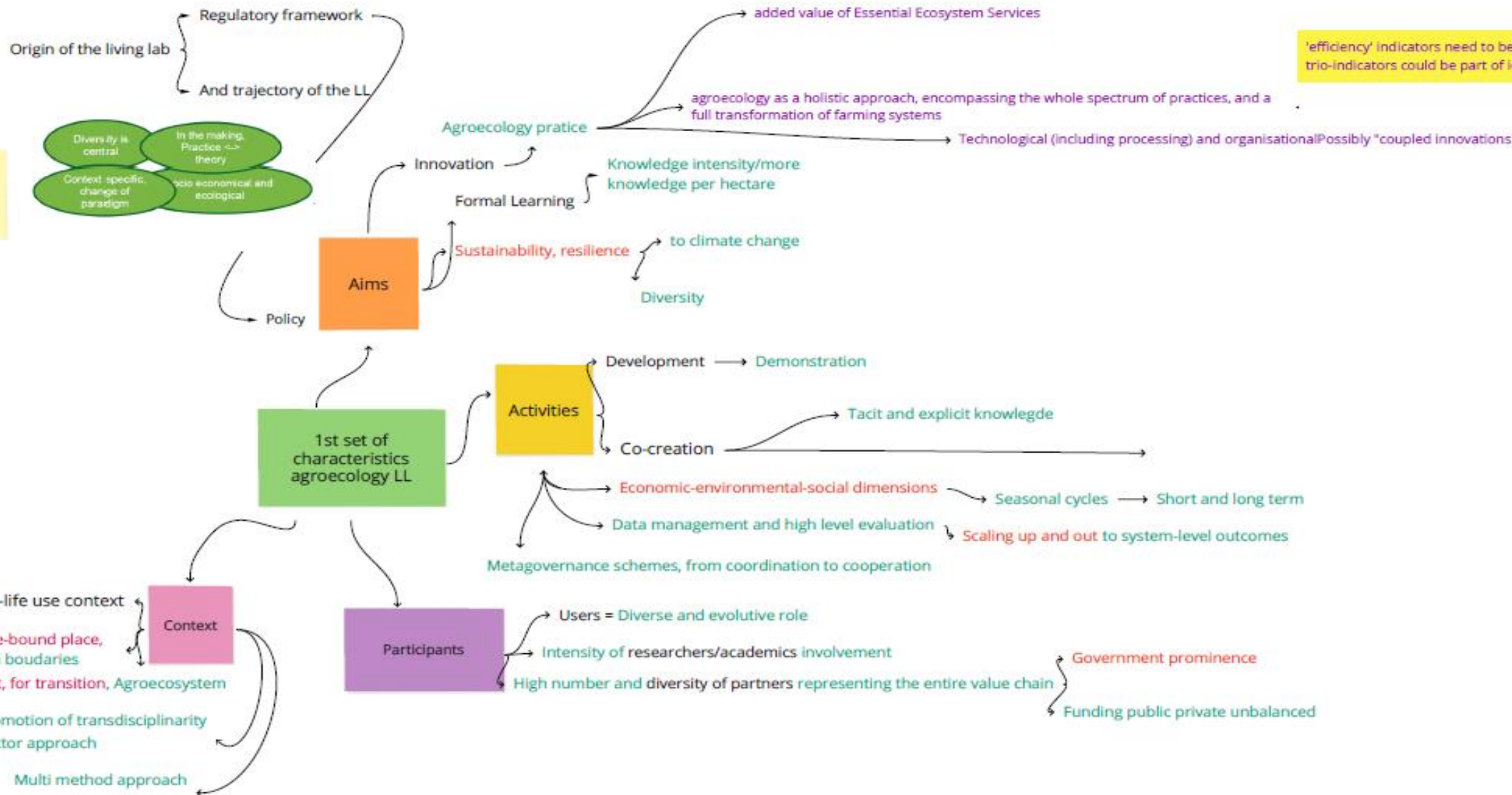
# WP1 – Vision and mission of the network

WP leader: INRAE – Deputy leader: AAFC

WP contributors: AU, ENoLL, FiBL, EV ILVO, OMKi, TI, USFD



Real transformative ambition



A photograph of a man in a blue shirt and cap driving a yellow tractor with a large rear wheel and a smaller front wheel, plowing a field. The tractor is moving from left to right, turning over dark brown soil. The background shows a green field and trees under a clear sky. A decorative line of orange dots separates the image from the text on the right.

# WP2 – Mapping

WP leader: AU – Deputy leader: INRAE  
WP contributors: ENOLL, FiBL, LifeWatch ERIC, EV  
ILVO, OMKI, TI, USFD

**Map existing** living labs, research infrastructures and other open innovation arrangements in order to have an overview and understand enablers, barriers and incentives for innovation for agroecological transition, with specific attention to:

- the **innovation systems** that underpin agroecology systems, such as agroecology living labs and research infrastructures, including innovation systems that explore potential game changers (e.g. digital technology and novel breeding technologies for transition to agroecology)
- the role of **societal drivers**, particularly funding arrangements and regulatory frameworks.



# WP3 – Stakeholders engagement and pilot

WP leader: OMKi – Deputy leader: Ecologic  
WP contributors: INRAE, AU, ENoLL, FiBL, EV ILVO,  
OMKI, TI

- Overall **coordination of stakeholder engagement** during the project → involvement from the very beginning, building on their experiences, knowledge and motivation
- Guarantee the coordination of a **participatory approach**, efficient and professional co-creation process during the activities of all work packages
- Establish a **small-scale pilot network** in order to test the approaches, tools and recommendations of WPs
- **Prepare the agroecology community** for the implementation of the Partnership using LL principles



# WP4 – Implementation and sustainability of the network

WP leader: TI – Deputy leader: Biosense  
WP contributors: INRAE, AU, ÖMKI, ENoLL, FiBL, Ecologic,  
EV ILVO, ELO, AAFC,

- To identify the **added value** of the AgroEcoLLNet Network based on an analysis of the gaps and needs in the agroecological community
- To identify key factors of the **long term sustainability** of AgroEcoLLNet based on the assessment of success factors and barriers of past and ongoing LLs and RIs
- To co-construct preconditions for the sustainability of AgroEcoLLNet and **recommendations for long term success** of the Network to strengthen the European agroecological research and innovation ecosystem
- To develop **an Implementation Plan** including a long term funding strategy that provides a structured framework to sustainably run the AgroEcoLLNet in the long term
- To derive **recommendations for policies** at EU, national and regional level to ensure the ambitions of the network can be realised in the long term.



A photograph of a man operating a yellow tractor with a large rear wheel and a smaller front wheel, plowing a field. The tractor is moving from left to right, turning over dark brown soil. The background shows a green field and trees under a clear sky. A red dotted line separates the image from the text on the right.

# WP5 – Capacity Building

WP leader: ENoLL– Deputy leader: EV ILVO  
WP contributors: INRAE, AU, OMKi, TI, FiBL, AAFC

- The overall objective of this WP is to prepare and initiate a capacity building programme for AgroEcoLLNet to support the further development of, and exchange between existing and new LLs and RIs in the area of agroecology across Europe.
- Tailored to the needs of the key end users.
- Prototyped and validated within the pilot network via an iterative LL methodology approach and scaled up through local and international training sprints.
- The validated outcomes will define the final materials to be included in online learning materials and recorded webinars.



A close-up photograph of a bunch of dark blue grapes hanging from a vine with green leaves. A decorative line of red dots runs diagonally across the image, separating the photo from the white background on the right.

# **WP6 – Knowledge and data management**

**WP leader: LifeWatch ERIC – Deputy leader: FiBL  
WP contributors: INRAE, OMKi, TI**



- i) The provision of LifeWatch ERIC computational capacity and e-Tools, given in the form of a **Virtual Research Environment (VRE)**, also providing innovation e-Services.
- ii) To release the initial Data Management Plan (DMP) of the project, focusing on FAIR policies and common technical solutions, to ensure the management of knowledge in the project;
- iii) To outline the principles for data sharing and use within the future AgroEcoLLNet
- iv) Based on the results of the above-mentioned tasks, the release of Innovation & IPR management efficient mechanisms.

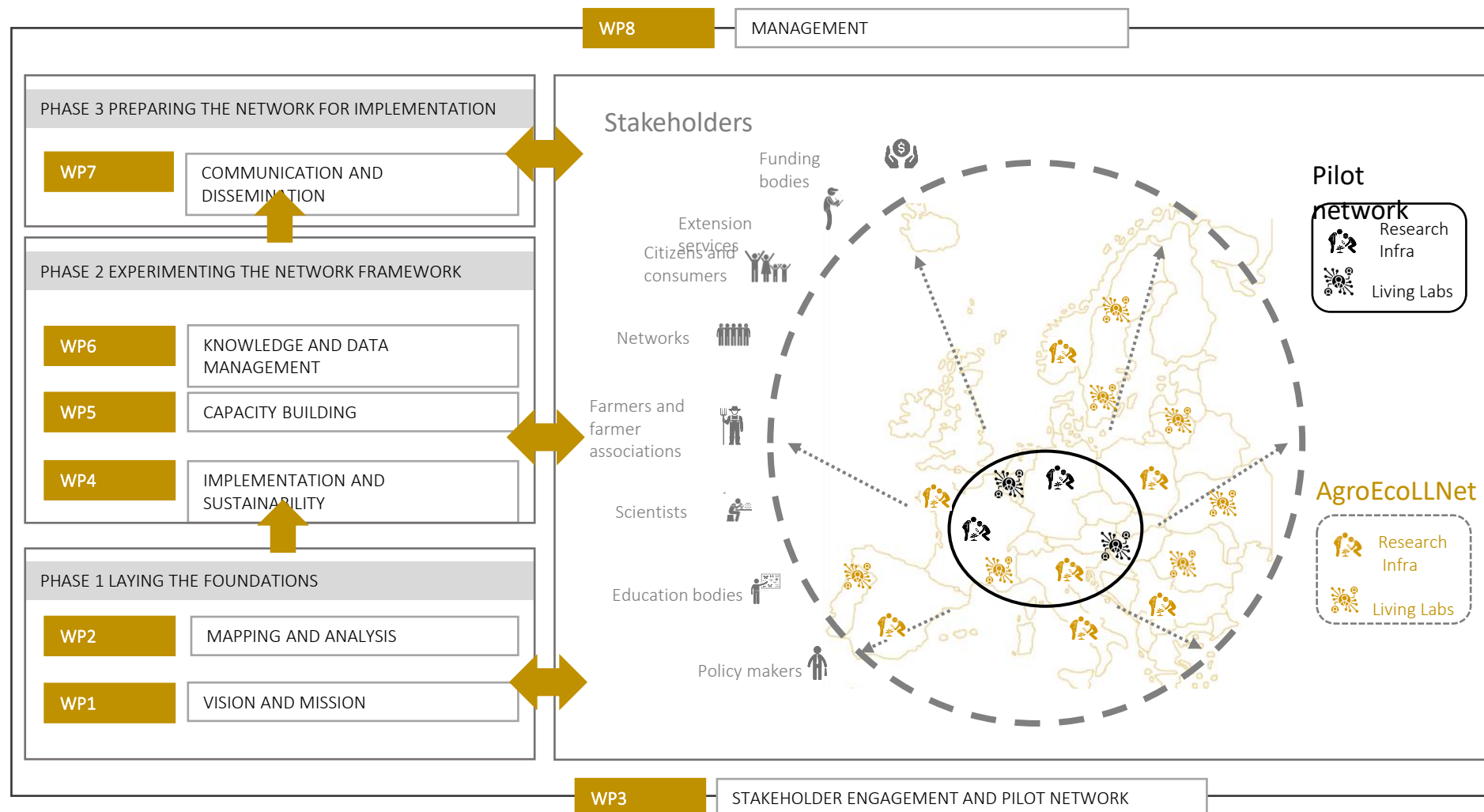


# WP7 – Communication & dissemination

WP leader: FiBL

WP contributors: INRAE, AU, ELO, ENoLL, LifeWatch ERIC,  
EV ILVO, OMKi, TI

- To develop a communication plan within the CSA and between the CSA and other local, national, international stakeholders;
- To **ensure the dissemination** of the results to policy makers at national, European and international level;
- To **maximise the impact** to ensure the development of the future network AgroEcoLLNet.



# Main outcomes



A Mission and Vision document for the European Network

A wide-scale mapping, analysis and overview of existing mechanisms for carrying out participatory agroecological research and innovation

A small scale pilot Network of LLs and RIs

An implementation plan for the European Agroecological LL and RI Network

Recommendations for ensuring the long term implementation and sustainability of the Network

A capacity building programme including training actions and packages

Evidence-based knowledge to support the transition to agroecology





**Thanks for your  
attention**