

EU CAP Network workshop 'Sensing the future. practical applications of proximal and remote sensing for farmers and advisors'

AGENDA

Update 22 January 2026

27-28 January 2026 | **Valencia, Spain**
Venue: [NH Las Artes](#)

Innovation and Knowledge exchange | EIP-AGRI



Funded by
the European Union

EU CAP Network workshop 'Sensing the future. practical applications of proximal and remote sensing for farmers and advisors'

The European agricultural and forestry sectors are at the heart of the twin digital and green transitions. Farmers, foresters and advisors face increasing pressure to enhance resource efficiency, build climate resilience and increase environmental sustainability, while maintaining socio-economic viability. Innovative tools for decision-making at multiple levels can contribute meeting these demands but would require a wider adoption by the sector.

Proximal and remote sensing technologies, including satellites, drones, and sensor-equipped machinery, offer powerful tools to support smarter decision-making. These technologies generate vast amounts of data that can contribute from strategic planning to real-time, in-field decision-making. They contribute to CAP Specific Objective 2. enhancing competitiveness through research, innovation and digitalisation.

At the same time, sensing technologies play a key role in Specific Objective 5 by fostering sustainable development and efficient resource use in agriculture and forestry. Decision support systems based on remote data are increasingly being adopted in specific agricultural and forestry sectors and provide win-win solutions that benefit both farmers and the environment.

However, despite their potential, the uptake of these technologies remains uneven. Many farmers and foresters face barriers such as high cost, complexity, and challenges in interpreting data. Concerns about data governance, privacy and the fair distribution of value generated from farm-level data also persist. These issues can erode trust in technology providers and create a 'digital divide' between farms with different levels of access to infrastructure and skills. Tackling these issues is also essential to Specific Objective 7. attracting young farmers and supporting generational renewal. Digital tools can help modernise agriculture in ways that appeal to younger generations.

This workshop, organised in the scope of the EU CAP Network activities for innovation, knowledge exchange and the EIP-AGRI, will address technological, economic and social dimensions of proximal and remote sensing. It will move beyond policy discussions to focus directly on real-world applications, integration and future development of sensing technologies at the farm level while creating a space to discuss and address farmers' concerns. The goal is to build trust and empower farmers, foresters and advisors not only with actionable technical knowledge but also with an understanding of the economic viability, their rights, needs and broader social implications of digitalisation. In doing so, the workshop will also contribute to the Cross-Cutting Objective of the CAP. modernising agriculture through improved access to research and training. It will draw on experiences from EIP-AGRI Operational Groups, Horizon projects and other relevant initiatives to support wider adaptation of sensing technologies across Europe



Objectives of the workshop

The main goal of the workshop is to showcase, exchange, and learn from experiences that help farmers, foresters and advisors adopt and build trust in proximal and remote sensing technologies. The workshop will demonstrate their practical, economic and social value, foster knowledge exchange, and address key barriers to their effective integration into everyday farm and forestry management.

The **specific objectives** of this workshop are to.

- **Showcase the concrete benefits and the limitations** of proximal and remote sensing. These include improving input management (such as water, fertilisers, and plant protection products), optimising yield, enhancing animal health and welfare, and simplifying farm operations and administrative tasks.
- **Facilitate knowledge exchange and peer-to-peer learning** among farmers, foresters, advisors, researchers and technology providers on innovative practices and to support the development of data-driven, digitally enabled successful implementation strategies.
- **Explore practical methods for integrating data** from multiple sources (such as satellites, drones, and soil sensors) into farm decision-making platforms, including Farm Management Systems.
- **Identify common barriers to the adoption of** proximal and remote sensing, including technical, financial and social challenges.

More information on the workshop can be found [on the event webpage](#).



Draft agenda

Update 22 January 2026

Timing	Day 1. Tuesday 27 January 2026
8.00 – 8.30	Registration
8.30 – 9.45	<p>Welcome and introduction to the workshop</p> <ul style="list-style-type: none"> ➤ Welcome – Isabel Bombal Díaz, General Director of Rural Development, Innovation and Agrifood Training at the Spanish Ministry of Agriculture, Fisheries and Food ➤ Welcome – Marta Iglesias, D.1 'Rural areas and networks', DG AGRI, European Commission ➤ Introduction to EU CAP Network/EIP-AGRI – Pacôme Elouna Eyenga, EU CAP Network ➤ Welcome – Pierluigi Londero, A.4 'Data governance', DG AGRI, European Commission ➤ Practical announcements <p>Getting to know each other</p>
9.45 – 10.45	<p>Setting the scene</p> <ul style="list-style-type: none"> ➤ Overview on practical applications of sensing technologies and introduction to workshop – Sébastien Weykmans, EIP-AGRI Support Facility ➤ Applications of Proximal and Remote Sensing at National and Regional Levels in Spain – María Teresa Ambros Mendioroz, Rural Development, Innovation and Agrifood Training at the Spanish Ministry of Agriculture, Fisheries and Food & Alejandro Tena, Director of the Valencian Institute for Agricultural Research ➤ BCO Study on connectivity requirements of precision farming: scope and methodology – Prof. Emilio Gil, BCO (European Broadband Competence) ➤ European support policies and funding opportunities on digitalisation – Francesco Iadecola, F.2 'Research and innovation', DG AGRI, European Commission <p>Q&A</p>
10.45 – 11.00	<i>Coffee break</i>
11.00 – 12.00	<p>Poster session</p> <p>Showcasing successful initiatives and discussion on opportunities and future developments</p>
12.00 – 12.15	<ul style="list-style-type: none"> ➤ Debrief and reflections ➤ Introduction to the field visits and organisational announcements
12.15 – 13.30	<i>Networking lunch</i>



13.30 – 18.30	Field visits to inspiring initiatives on practical applications of proximal and remote sensing for farmers and advisors
20.00 – 22.30	<i>Networking dinner</i>



Timing	Day 2. Wednesday 28 January 2026
8.30 – 9.00	Registration day 2
9.00 – 9.30	Feedback from day 1
9.30 – 10.45	Breakout session 1: From idea to implementation Turning proximal and remote sensing innovations into practical tools for farmers, foresters and advisors > Challenges and barriers
10.45 – 11.00	<i>Coffee break</i>
11.00 – 12.00	Breakout session 2: From idea to implementation Turning proximal and remote sensing innovations into practical tools for farmers, foresters and advisors > Opportunities, solutions and practical actions
12.00 – 12.45	Interactive session Future scenarios and opportunities for the valorisation of proximal and remote sensing > What's next? What needs knowledge and innovation?
12.45 – 13.15	Evaluation and closing of the workshop > Collecting learnings > Evaluation > Closing – Marta Iglesias, D.1 'Rural areas and networks', DG AGRI, European Commission
13.15 – 14.30	<i>Networking lunch and goodbye</i>

