

Field visit information

Tuesday 27 January 2026

As part of the EU CAP Network workshop 'Sensing the future: practical applications of proximal and remote sensing for farmers and advisors', two field visits will take place in the Valencia region on the afternoon of Tuesday 27 January. The visits will showcase examples of proximal and remote sensing technologies, covering the full chain from data collection to decision support in real agricultural environments.

The event is organised by the EU CAP Network, with a focus on innovation, knowledge exchange and EIP-AGRI. The field visits have been organised with the kind support of Fundación Grupo Cajamar and Anecoop Sociedad Cooperativa.

More information:

- *Fundación Grupo Cajamar* - <https://www.fundacioncajamar.es/es/comun/>
- *Anecoop Sociedad Cooperativa* - <https://anecoop.com/>

Field visit to Fundación Grupo Cajamar

Fundación Grupo Cajamar is a private Spanish foundation focused on research, innovation, and knowledge transfer in the agri-food sector, with a strong emphasis on sustainability. In Paiporta (Valencia), it manages a 7-hectare Experimental Research Centre that serves as a real-world testing ground ('Living Lab') for applied agricultural research. Here, new technologies are evaluated under practical farming conditions. The trials mainly focus on Mediterranean and horticultural crops, including tomato, pepper, cucumber, courgette, lettuce, melon, watermelon, citrus, and other fruit crops. The centre develops projects in precision agriculture, water-use efficiency, soil health improvement, biological pest control, and climate-change adaptation, including soilless and hydroponic production systems. Its main objective is to ensure the effective transfer of innovation to farmers, technicians, and agri-food companies.

Which technologies will we be visiting?

During the visit, participants will explore several innovative technologies shaping the future of smart and sustainable agriculture.

Widhoc combines a D-Wide data logger and dual multisensor probes that monitor soil moisture, conductivity, and temperature, along with a weather station measuring ambient temperature, humidity, and rainfall. Weitec employs drones equipped with high-resolution and multispectral cameras to analyse crop conditions from the air. The resulting images generate detailed maps showing early signs of stress, pests, or nutrient deficiencies, allowing targeted irrigation and management decisions before problems become visible.

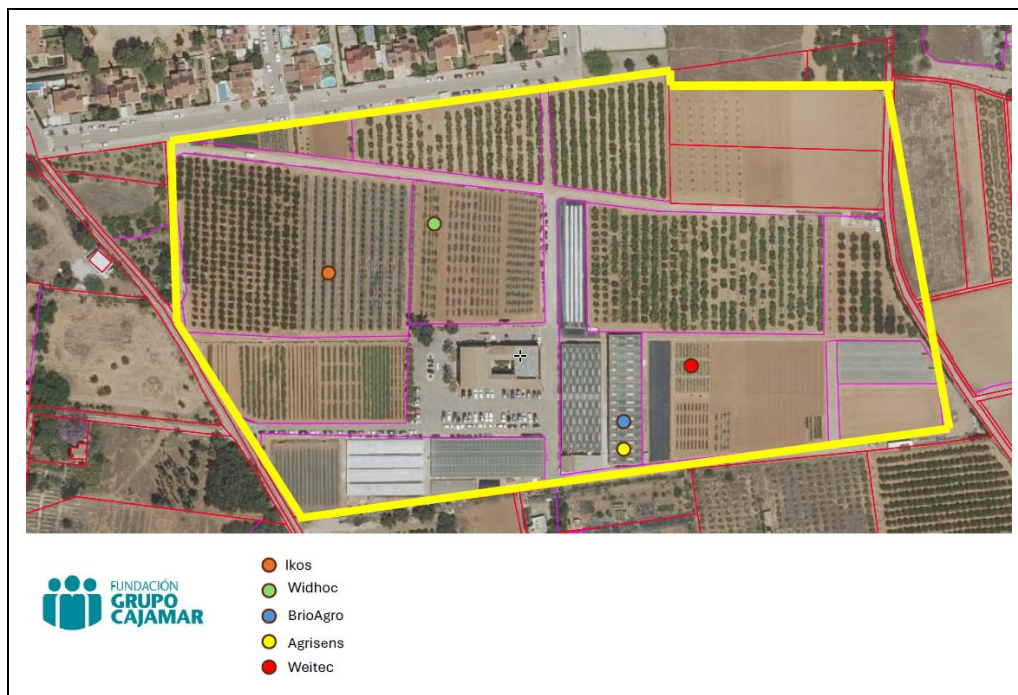
Agrisens Technologies uses digital traps to detect pests early, reducing the need for chemical treatments and lowering costs. Its platform sends real-time alerts through



web and mobile applications, enabling timely interventions to protect yields. BrioAgro integrates soil and satellite sensors with artificial intelligence (AI) on the Google Cloud Platform. Its VITA device measures soil conditions and irrigation flows, automatically controlling watering through a real-time data module. Finally, IKOS Controller combines multisensor probes and precision tensiometers to track soil moisture, conductivity, and temperature, and key weather parameters. Together, these technologies demonstrate how data-driven tools, automation, and AI are transforming farming into a more efficient and environmentally responsible activity.

More information:

- <https://widhoc.com/>
- <https://weitec.es/>
- <https://agrisens.es/>
- <https://brioagro.com/>
- <https://www.ikostech.es/cue/>



Field visit to Anecoop Sociedad Cooperativa

ANECOOP is an agri-food cooperative company that integrates, coordinates and markets the production of more than 20 000 farmers belonging to 61 partner entities located in the main Spanish agricultural areas. It operates a major Experimental Field Station called 'La Masía del Doctor' in Museros, Valencia, which is among the most important private agricultural trial sites in Europe. Covering around 20 hectares of



cultivated land dedicated to innovation and applied research, the site hosts trials of more than 500 fruit and vegetable varieties, especially citrus varieties, alongside horticultural crops, table grapes, persimmon (kaki), kiwifruit and other fruit species. The work focuses on genetic improvement, sustainable pest control and the development of new products tailored to consumer demand.

Which technologies will we be visiting?

At Anecoop, participants will discover several advanced systems that integrate sensors and automation to enhance precision farming. For example, the VOLTRAIC autonomous robot collects real-time soil data through moisture and irrigation sensors as it moves through the orchard. This mobile monitoring enables precise, localised irrigation. It improves water efficiency, crop health, and yields while reducing manual work (to be confirmed). Another system focuses on yield estimation. It uses field sensors and mobile data input to record fruit counts, size, and distribution. The data are processed via a smartphone app using predictive algorithms. This generates real-time yield forecasts that support early harvest planning and commercial decisions. In an avocado plot, anti-frost sensors are integrated with soil and irrigation monitoring to prevent cold damage. They track temperature and soil water status, issue early warnings and trigger frost-mitigation actions. This enhances resilience and water efficiency. A Control Lab serves as a central digital platform displaying live data from all field sensors. It allows operators to monitor crop, soil, and climate conditions and to remotely manage irrigation and control systems. This unified system supports informed and efficient farm management. A visit to the Biotech Lab is also included in the programme.

