



# **Cross-visit**

## **‘Irrigation - optimising water use practices in annual (and perennial) crops’**

**7-8 May 2025 | Greece**



# Needs and offers from the presentations

Ineke van Vliet - EU CAP Network EIP-AGRI support facility

Cross-visit 'Irrigation - optimising water use practices in annual (and perennial) crops' 7-8 May 2025



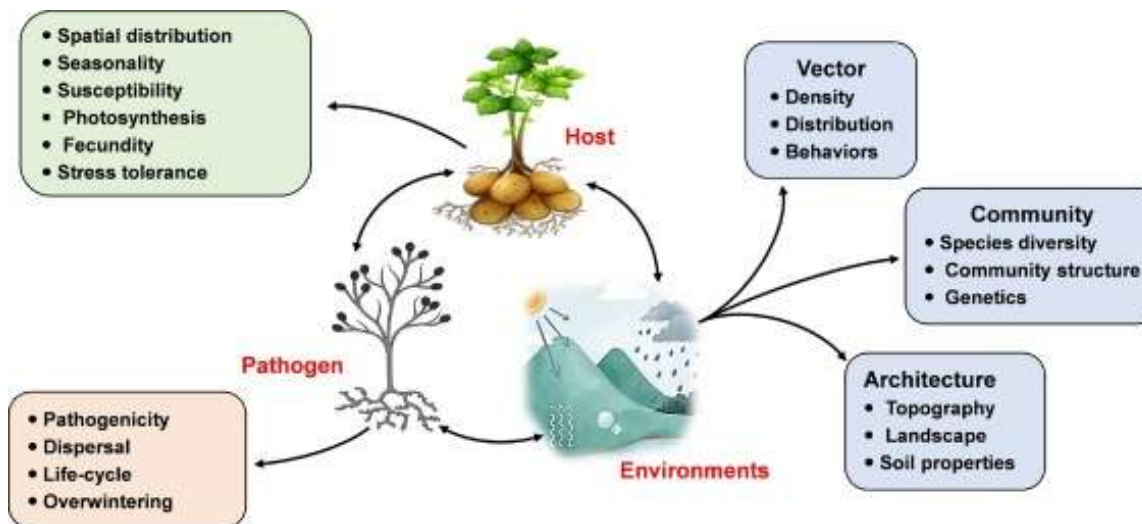
## Summary of project information – needs and ideas for the future

### Further improve and extend predictive systems by further integration of technologies:

- E.g. satellite data, watershed monitoring, sensor networks
- Weather conditions, climate forecasting,
- Crop, disease, pest modelling

### Broader testing of tools

- Different crops
- Other soils
- Other climates
- LED lighting







## Summary of project information – needs and ideas for the future

### Exchange

- Build and share databases
- Learn from other regions (alternative water sources,
- Innovative and efficient irrigation systems

### Knowledge transfer and training farmers:

- Dissemination tools
- Training
- Demonstration farms
- Support to help farmers to adopt digital/ AgTech irrigation tools





## Summary of project information – Offers to collaborate

### Knowledge exchange:

- Field-Tested Technologies ( sensor systems, irrigation software, and automation tools ready for deployment and upscaling)
- (Data and tools for) DSS, monitoring platforms, ecosystem service modeling, and hydrological planning



### Joint activities:

- Research & Development, trials, pilot projects and knowledge exchange
- Multi-actor projects addressing climate adaptation, soil and water resource efficiency, and digital transformation.
- Access to pilot farms, farmer networks, stakeholder associations, and trained farmer groups across EU.
- Access to highly specialised Spanish network of Technology based SMEs, Universities and technological centres



# Summary of project information – Offers to collaborate

## Expertise

- Soil and water management, precision agriculture, biochar applications, eco schemes, LED lightning, circular bioeconomy, smart irrigation, balance resilient agricultural production and invironmental sustainability, soil sampling, parcel-specific fertilisation strategies
- Combining AI, IoT, soil science, and agronomy for sustainable irrigation
- Field trial protocols
- Knowledge transfer methods
- Multi-actor innovation projects
- Definition & management of new project proposals



## And

- Agricultural area to test innovative methods/technology
- Demonstration sites and pilot areas
- Testing and scale up smart irrigation practices





# Cross-visit 'Irrigation - optimising water use practices in annual (and perennial) crops'

7-8 May 2025  
Thessaloniki, Greece

All information on the cross-visit is available on the [event webpage](#).

