

Service ID

S00321

**Location**

At user's premises

Validation of Smart Irrigation Technologies

Provider service

HISPATEC

Link to content<https://agrifoodtef.eu/services/validation-smart-irrigation-technologies>**Type of Sector**

Arable farming, Greenhouse, Horticulture, Tree Crops, Viticulture

Accepted type of products

Data, Physical system

Type of service

Collection of test data, Performance evaluation, Test execution

Description

This service offers agrotech companies the opportunity to test and validate the results of smart irrigation technologies in real farming environments. The service includes installing the technology on-site and monitoring its performance under real-world conditions. Metrics such as water usage, crop yield, and system efficiency are analysed to provide a comprehensive validation of the technology's impact. This hands-on evaluation ensures that companies can implement these systems with confidence, knowing their effectiveness in the field.

How can the service help you

The experimental service allows clients to test their smart irrigation technologies in a real agricultural environment, ensuring that the systems deliver the promised benefits. By validating the technology's performance on-site, clients can refine their systems to maximise efficiency, reduce water waste, and increase crop yield. This real-world validation provides assurance to both the company and its customers regarding the system's effectiveness.

How the service will be delivered

The service involves the physical installation of smart irrigation systems on a client's farm or designated test site. Data will be collected and analysed over a specified period to measure the system's performance. The service includes regular visits from technicians to ensure the system is functioning properly and to collect physical data. A final report will be provided detailing the results of the validation, including recommendations for improvements or adjustments based on the system's performance.

Service customisation

Customisation options include selecting specific validation metrics based on the client's goals, such as water usage efficiency, crop yield, or system durability. The service can also be tailored to different types of crops or environments, ensuring that the validation process is relevant to the client's specific needs.