

Service ID

S00325

**Location**

At user's premises

Performance Data Collection for Agricultural Technologies

Provider service

HISPATEC

Link to content<https://agrifoodtef.eu/services/performance-data-collection-agricultural-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, Data analysis, Test execution, Test setup

Description

This experimental service involves monitoring and collecting performance data from newly implemented technologies in agricultural production environments. Data is collected in real-time or at regular intervals, capturing key metrics such as water or energy usage, production yield, and overall efficiency. This data helps in evaluating the system's performance and provides valuable insights for further optimisation and decision-making.

How can the service help you

By collecting performance data, this service allows clients to track how their new technology is performing in real-world conditions. It provides valuable insights into whether the system is operating as expected and whether any adjustments are needed to optimise efficiency and output. This service is key to understanding the impact of the technology on the production process.

How the service will be delivered

The service is delivered through the installation of monitoring equipment and software that collects and logs performance data. Sensors and analytics tools are deployed to capture relevant data points, and the collected information is transmitted to a secure platform for analysis. Clients will receive periodic reports that summarise the performance of the technology and provide insights for decision-making.

Service customisation

Customisation options include selecting specific performance metrics to track based on the client's operational goals (e.g., water efficiency, energy consumption, production yield). The service can also be customised to fit different production processes and technologies, ensuring that the data collected is relevant to the client's needs.