

**Service ID** S00239

**Location** Spain



## Evaluation of customer UAV-collected test data from physical testing

### Provider service

Universidad de Córdoba

### Link to content

<https://www.agrifoodtef.eu/services/evaluation-customer-uav-collected-test-data-physical-testing>

### Type of Sector

Arable farming, Tree Crops

### Accepted type of products

Data, Design / Documentation

### Type of service

Performance evaluation

### Description

This service applies pre-defined performance metrics to UAV-collected test data from customers and corresponding ground truth data to assess the effectiveness and reliability of tested systems. The service includes a detailed evaluation and reporting process, offering clients valuable insights into system performance and supporting their technological validation needs. This evaluation is crucial for clients looking to understand the accuracy and robustness of their UAV-based data collection tools in agriculture.

## **How can the service help you**

The service enables users to evaluate the success of their physical testing by analysing how well their UAV systems perform under real conditions. It provides a structured assessment with actionable results, helping customers improve system accuracy and refine UAV applications in agricultural settings.

## **How the service will be delivered**

Customisation options include the selection of specific performance metrics tailored to client needs. The data collection can be provided by the customer or through the AgrifoodTEF project for physical testing. Any additional evaluation requirements should be discussed in advance to ensure alignment with testing goals.

## **Service customisation**

Performed on data previously collected by the customers UAVs for artificial intelligence applications, the service includes applying predefined metrics, analysing results, and delivering a report to the client. Clients should have completed data collection sessions and provided relevant ground truth data to facilitate evaluation.