

**Service ID**

S00130

**Location**

Netherlands

## **Test, validation, and data collection of robotic and AI systems and components**

**Provider service**

Wageningen Research - WR

**Link to content**<https://agrifoodtef.eu/services/test-validation-and-data-collection-robotic-and-ai-systems-and-components-livestock>**Type of Sector**

Livestock farming

**Accepted type of products**

Physical system, Software or AI model

**Type of service**

Collection of test data, Desk assessment, Performance evaluation, Test design, Test execution, Test setup

**Description**

In the setting of the Farms of the Future (De Marke), we can (physically) test and validate robotic and AI solutions that are dedicated to dairy solutions. In this context we are also able to collect appropriate data sets of these tests and validation experiments. Test and validation data will be compared to ground truth data sets.

**How can the service help you**

Having an objective validation of technology in terms of added value (costs vs. benefits), technical specifications (accuracy, capacity, power requirements, etc.), and user acceptance (ease of use, gain, and joy of working with the technology). The solution will be validated according to the AgrifoodTEF protocols and delivered as a standardised WUR report.

**How the service will be delivered**

The service will be delivered as a WUR-approved report, and, on request, the gathered data of the tests.

**Service customisation**

The service can be carried out during the whole year, customised to the expected market on livestock productions and customers geographical areas.