Service ID

Location   Austria

Testing of activity measurement of an animal health monitoring system

Provider service

Raumberg Gumpenstein Research & Development (RGRD)

Link to content

https://agrifoodtef.eu/catalogue-of-services/testing-activity-measurement-animal-health-monitoring-system

Type of Sector

Livestock farming

Accepted type of products

Physical system

Type of service

Collection of test data, Performance evaluation, Provision of datasets, Test design, Test execution, Test setup

Description

Evaluating a health monitoring system for cattle using visual observation involves comparing the data from the system with direct observations of the cattle. This can include noting behaviours like eating, drinking, resting, or movement patterns and correlating these with the data provided by the system, such as activity levels or physiological signs. Observations are carried out systematically and cover various times and conditions. This process helps verify the accuracy of the monitoring system and assesses its effectiveness in detecting health and behavioural changes in cattle.

How can the service help you

The service helps you by validating and refining the accuracy of your health monitoring system through thorough testing in real farm conditions. This allows you to identify any limitations, improve detection algorithms for specific animal behaviours, and enhance the overall reliability of your product, making it more effective and valuable for your customers.

How the service will be delivered

You can tailor the testing parameters to specific requirements, such as selecting particular behaviours to monitor, adjusting environmental conditions, or focusing on specific animal groups to ensure the testing aligns closely with your system's intended use and target outcomes.

Service customisation

The service will be delivered at our research farm, where we have a controlled environment and all necessary equipment to ensure accurate and reliable testing. Conducting the service under these controlled conditions guarantees precise execution and consistent results, allowing us to thoroughly evaluate your health monitoring system's performance.