

**Service ID** S00294

**Location** Belgium



## Livestock Dataset Generation

### Provider service

Instituut voor Landbouw-, Visserij- en Voedingsonderzoek

### Link to content

<https://agrifoodtef.eu/services/livestock-dataset-generation>

### Type of Sector

Livestock farming

### Accepted type of products

Design / Documentation, Physical system, Software or AI model

### Type of service

Collection of test data, Desk assessment, Performance evaluation, Provision of datasets, Test design, Test execution, Test se

### Description

This service supports the generation of high-quality datasets tailored for validating and improving AI-driven technologies or sensors designed for livestock management. Whether you are developing new tools for monitoring, controlling, or working with livestock, we help collect and process relevant data that reflects real-world conditions. These datasets enable you to fine-tune your AI models and sensor systems, ensuring they operate accurately and effectively. By leveraging this service, you can optimise your solutions for livestock health monitoring, behaviour analysis, and automated control systems in the agri-food sector.

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

- > No need to maintain your own infrastructure
- > Improve your solutions by collecting insightful data in a practical relevant environment

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

You can choose the type of data to be collected—such as video, sensor data, or behavioural patterns—tailored to your technology, whether it involves health monitoring, feeding systems, or behavioural analysis. The service allows for flexibility in data collection methods, ranging from wearable sensors to stationary cameras, and can be adjusted for different livestock species and environmental settings, such as farms, barns, or open grazing areas.

## **Service customisation**

Our team designs a data collection strategy, deploying the necessary technology—such as cameras, sensors, or monitoring devices—to gather relevant data from the livestock. Data is collected over a defined period, ensuring variability and comprehensiveness. After the service, a raw dataset in the required format is delivered.