

Service ID S00354

Location Denmark



Provision of Datasets for AI and Agri-Tech Solutions

Provider service

Danish Technological Institute (DTI)

Link to content

<https://agrifoodtef.eu/catalogue-of-services/provision-datasets-ai-and-agri-tech-solutions>

Type of Sector

Arable farming, Food processing, Greenhouse, Horticulture, Livestock farming, Tree Crops

Accepted type of products

Data

Type of service

Collection of test data, Data analysis, Data augmentation, Provision of datasets

Description

Our service offers a comprehensive dataset designed to support training and testing of advanced solutions in the agri-tech sector. Data collection is highly flexible, utilising both manual and automated methods through 4G or 5G connectivity. For image datasets, we employ tools such as drones, onboard cameras, and other advanced devices, ensuring compatibility with a wide range of sensors and applications. Customers can choose between leveraging pre-existing datasets or obtaining newly captured data specifically tailored to their areas of interest. Our service guarantees fast delivery, high-quality processing, and meticulous preparation of datasets, making them ideal for integration into artificial intelligence models and other innovative technologies.

How can the service help you

Our service addresses the need for high-quality and customisable datasets, enabling customers to improve existing AI models or develop new solutions. Before using our service, customers may lack domain-specific data or struggle with data quality. After using our service, they receive processed and adaptable datasets that seamlessly integrate into their workflows, driving innovation and efficiency.

How the service will be delivered

Our dataset service is highly customisable. Customers can specify data types (e.g., images, sensor data), data collection methods (manual or automated), and target applications. Limitations may include the availability of devices such as drones or connectivity constraints in certain areas. Customers should inform us in advance of any special conditions or requirements.

Service customisation

The service can be delivered remotely or at the customer's premises, depending on specific requirements. Data collection may involve field visits, deployment of drones or other devices, and sensor integration. The duration of service execution varies based on the size and complexity of the dataset but typically ranges from a few days to several weeks. Customers will receive a finalised, well-processed dataset along with any necessary documentation. Customers need to provide input regarding the desired data type, area of interest, and any specific requirements for customisation.