Improve energy efficiency along agricultural value chains

Provider service

Università degli Studi di Napoli (UNINA)

Link to content

https://agrifoodtef.eu/catalogue-of-services/improve-energy-efficiency-along-agricultural-value-chains

Type of Sector

Arable farming, Food processing, Greenhouse, Horticulture

Accepted type of products

Data, Design / Documentation, Software or AI model

Type of service

AI model training, Collection of test data, Data analysis, Performance evaluation, Test execution

Description

The service provides tailored testing and implementation support for smart energy monitoring, IoT solar sensors, and energy management systems designed for agri-food companies, helping them reduce costs, improve energy efficiency, and support sustainability.

How can the service help you

The service can help you by providing customised support for implementing smart energy monitoring and solar-powered IoT sensors, enabling you to better manage energy use, lower operational costs, and enhance sustainability in your agri-food business.

How the service will be delivered

Tailored to Agri-Food Needs: The service is specifically designed for agri-food companies, considering their unique energy consumption patterns, operational processes, and environmental conditions.

Flexible Technology Integration: Customisation includes the selection and configuration of smart energy monitoring tools and IoT solar-energy sensors that best fit the company's infrastructure and energy goals.

Scalable Solutions: The service can be adapted to small farms or large-scale agri-food industries, ensuring scalability and flexibility in implementation.

Data-Driven Adjustments: Real-time monitoring allows for ongoing optimisation of energy management strategies based on actual usage data, making the service dynamic and responsive to changing needs.

Sustainability Alignment: Customisation also focuses on aligning energy management practices with broader sustainability goals, helping companies meet environmental standards or certifications.

Service customisation

The service will be delivered through comprehensive testing and hands-on implementation support, ensuring that smart energy monitoring systems, IoT solar energy sensors, and energy management solutions are effectively tailored and integrated to meet the specific needs of your agri-food business.