

**Service ID** S00229

**Location** Italy



## Cold chain monitoring

### Provider service

Università degli Studi di Napoli Federico II

### Link to content

<https://www.agrifoodtef.eu/services/cold-chain-monitoring>

### Type of Sector

Arable farming, Food processing, Greenhouse, Horticulture

### Accepted type of products

Data, Design / Documentation, Software or AI model

### Type of service

Business modelling, Certification, Collection of test data, Conformity assessment, Data analysis, Performance evaluation, Tes

### Description

The service focuses on developing and testing devices that ensure proper temperature conditions during the conservation and transportation of agri-food products. These devices capture and store temperature data throughout the process, offering reliable validation of temperature control. Additionally, the service provides advanced data analysis and reporting to help farmers and agri-food operators assess compliance, identify areas for improvement, and meet regulatory requirements.

## How can the service help you

The service can help you by providing reliable devices that monitor and validate temperature conditions during the conservation and transportation of your products. This ensures that your agri-food products are stored and transported at the correct temperature, helping you maintain quality, meet regulatory requirements, and improve operational efficiency. Additionally, the service offers data analysis and reporting tools to assess compliance and identify areas for improvement.

## How the service will be delivered

**Device Customisation:** The service can tailor temperature-monitoring devices to fit the specific needs of your conservation and transportation processes, ensuring they are compatible with your equipment and product types.

**Data Collection Specifics:** Customisation allows for configuring the devices to track relevant temperature conditions that are crucial to your products, whether it's for chilled, frozen, or ambient temperature requirements.

**Integration with Existing Systems:** The service can be adapted to integrate with your current logistics and supply chain management systems, ensuring seamless data flow and reporting from the temperature monitoring devices to your existing infrastructure.

**Reporting and Analysis Customisation:** The service offers tailored data analysis and reporting features, allowing you to focus on specific areas of improvement or compliance, such as identifying temperature deviations, tracking performance over time, or generating customised compliance reports.

**Scalability:** The service can be adjusted to fit the scale of your

## Service customisation

The service will be delivered by providing specialised devices that monitor and record temperature conditions during the conservation and transportation of agri-food products. These devices will be implemented in your operations to capture real-time data, ensuring proper temperature control. Additionally, the service includes advanced data analysis and reporting tools, helping you assess compliance, identify improvement areas, and generate reports to meet regulatory requirements.