

Service ID S00388

Location France, Remote



Pre-Testing Assessment for AI and Robotic Systems

Provider service

INRAE

Link to content

<https://agrifoodtef.eu/catalogue-of-services/pre-testing-assessment-ai-and-robotic-systems>

Type of Sector

Arable farming, Greenhouse, Horticulture, Livestock farming, Tree Crops, Viticulture

Accepted type of products

Data, Design / Documentation, Physical system, Software or AI model, Other

Type of service

Desk assessment, Test design, Test setup

Description

Before initiating testing, a structured evaluation is conducted to define both the system and the test objectives clearly. This service includes the following components:- Expert review of the AI or robotic solution's scope and intended use. - Identification of technical requirements in alignment with TEF service capabilities. - Structured documentation outlining what to test, why, and how. Through collaborative working sessions and technical document analysis, the team identifies any gaps or ambiguities in the testing scope, facilitating efficient and appropriate test design. This service is crucial for enhancing the relevance and quality of subsequent validation campaigns.

How can the service help you

Before using this service, you might have an innovative AI or robotic solution and wonder how to test it effectively or what documentation is necessary for a successful validation process. You may also have some questions about the value of your robot.

After utilising this service, you can expect to receive a comprehensive assessment of your system's testing readiness.

This will include:

- Clearly defined test objectives
- Identification of any elements that may be missing
- Technical recommendations regarding the test scope and methodology

How the service will be delivered

This service is crafted to align with the client's unique technology and aspirations. The assessment is thoughtfully tailored to reflect the specific AI or robotic system, its application, and maturity level. It also embraces business-specific constraints such as data availability, regulatory compliance, and certification targets, paving the way for transformative success.

Service customisation

The service will be delivered remotely through video meetings, documentation exchange, and collaborative sessions with our staff. This approach enables flexible communication, ensuring that all parties can engage effectively.

The estimated duration of the project typically ranges from 2 to 8 weeks. The timeline primarily depends on the complexity of the system and the availability of necessary documentation.

To facilitate the process, several customer inputs are essential. These include an overview and design documentation of the system, functional descriptions or intended use cases, available datasets, configuration details, and any known technical issues. Additionally, if there are specific testing goals or constraints, providing this information will help streamline the testing process.

Upon completion, the deliverables will include a formal test preparation summary, a checklist of open issues and required documentation, and expert recommendations for test design and service selection. Furthermore, an optional follow-up consultation will be available to support a smooth transition into the testing phase, ensuring a seamless handover.