

Service ID S00293



Location At user's premises, France, I

Evaluation of technical and regulatory aspects for robotic devices or AI s

Provider service

Laboratoire National de Meterologie et d'Essais (LNE)

Link to content

<https://agrifoodtef.eu/catalogue-of-services/evaluation-technical-and-regulatory-aspects-robotic-devices-or-ai-systems>

Type of Sector

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

Accepted type of products

Design / Documentation

Type of service

Desk assessment, ELSA assessment, LCA assessment

Description

No matter the stage in your product's life cycle, LNE supports your project with any required study or regulatory assistance. This service provides you with the know-how of its AI evaluation teams through a range of expertise to answer your needs of understanding the normative landscape and related testing possibilities. Our specialised technical and regulatory service delivers a meticulous evaluation of your robotic device or AI-based software, highlighting critical areas of concern and optimising compliance with European regulation (e.g., AI Act, Machine Regulation, Cyber Resilience Act, ...) and industry standards (ISO 18497, IEC 61508, ...). LNE offers tailored support throughout your product's life cycle, utilising our expertise to address industrial challenges. Related to your AI or robotic solution, we will investigate and report the standards identified and their requirements to help you better understand and implement them. This service can optionally propose a blank audit to assess any discrepancies and implement corrective actions before certification. Visit the Website for more information.

How can the service help you

This service helps your company get normative insights quickly and accurately with respect to your solution and your applications. It helps companies to be aware of regulations and the impact of compliance. Ultimately, your company will save time and money on regulatory expenses and will face obstacles to market your product in Europe (CE marking) or internationally.

How the service will be delivered

This service is customisable according to your AI or robotic solution. We adapt our legal and gap analysis work to fit your product's needs (e.g., if you develop a connected object, in addition to the AI and robotics teams, we can involve our radiofrequency or vibrations and shocks departments in the service to complete our skills).

Service customisation

Our technical assistance service can be delivered online or at the user's premises. The delivery can take different forms depending on your needs: a technical exchange meeting with our experts (a few hours), a dedicated and personalised training on the AI Act or relevant regulations for your needs (1 to 5 days) or even an exhaustive regulatory and technical report (4-8 weeks).