

Service ID S00097



Location At user's premises

Certification of AI processes by LNE

Provider service

Laboratoire National de Meterologie et d'Essais (LNE)

Link to content

<https://agrifoodtef.eu/catalogue-of-services/certification-ai-processes-lne>

Type of Sector

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

Accepted type of products

Data, Design / Documentation, Software or AI model

Type of service

Certification, Desk assessment, LCA assessment

Description

Today's AI suppliers and AI users need to stand out from the competition, guarantee the performance of their algorithms or systems, and prepare to comply with the future European "AI Act" regulation, particularly with the obligation of transparency. With its dual expertise in certification and evaluation of AI algorithms, LNE has created a voluntary certification that meets this need. The aim of this certification standard is to define common requirements for the design, development, evaluation, and maintenance processes of all types of AI functionalities based on machine learning. It therefore covers all business sectors in which AI is used in order to guarantee the application of best practices that promote trustworthiness in AI.

Website: <https://www.lne.fr/en/service/certification/certification-processes-ai> Webinar:

<https://www.lne.fr/fr/webinars/matinee-information-ia-act-certification-ia-l> Technical documentation (FR):

<https://www.lne.fr/sites/default/files/bloc-telecharger/FTC-ISO-42001-LNE.pdf>

How can the service help you

Benefits of obtaining this certification:

- Demonstrate that you have mastered all the stages in the AI lifecycle and meet the requirements defined by your customers in terms of performance, confidentiality, ethics, and regulatory compliance.
- This certification anticipates and is in accordance with the requirements of the AI Act regarding the transparency of technical documentation and AI processes (conception, development, evaluation, and maintaining operational conditions processes).
- Ensure state-of-the-art development using a certified methodology.
- Promote public acceptance of this disruptive technology.
- Reassure your customers that their product has been developed with good responsible practices, and to integrate your AI solutions into their offerings with complete confidence.
- Preparing your company to comply with future European regulations, applicable by 2024, which will require you to understand how an algorithm works and how it makes decisions, explain how AIs considered to be at risk have been

How the service will be delivered

The certification process is following the LNE referential and the international accreditation steps and hence, is not customizable.

Service customisation

The client has to submit an application with all the required technical documentation.

The audit cycle to AI certification includes documentation review, an initial audit, a reading committee, and a certification decision. After obtaining your certification, you enter into a cycle of annual audits:

- An initial follow-up audit to be carried out at 12 months.
- A second follow-up audit to be carried out at 24 months,
- A renewal audit after 3 years.