

# Policy on Aerospace Technical Standardization (2026-2030)



ILNAS

## INTRODUCTION

ILNAS, the National Standards Body, is in charge of carrying out the Luxembourg's standardization strategy 2024-2030, approved by the Minister of the Economy, SME, Energy and Tourism. The aforementioned document aims at ensuring the development of a unified technical standardization (hereinafter referred to under the generic term "standardization") culture, as well as to support the growth of various economic sectors in Luxembourg. In this frame, in furtherance of the above objective, the national development of research and education activities and related awareness raising are the strategy's keystone.

Within this framework, the national standardization strategy has notably targeted the aerospace sector as being of a particular interest for the Luxembourg's economy (alongside the "ICT" and "construction" sectors and "sustainability" and "conformity" domains).

In line with the previous policy on aerospace technical standardization (2021-2025), the objectives of this new policy aims at:

- ◆ **Identifying and following technical standardization activities related to the aerospace sector;**
- ◆ **Promoting technical standardization related to aerospace and strengthening national market involvement;**
- ◆ **Supporting and strengthening the education about standardization and the related research activities.**

## **I - IDENTIFYING AND FOLLOWING STANDARDIZATION ACTIVITIES RELATED TO THE AEROSPACE SECTOR**

### **A) Drawing up a yearly national standards analysis for the aerospace sector**

A monitoring of standardization activities in the aerospace sector (identification of related technical committees and review of existing and emerging standards) will be issued on a regular basis.

Based on this exercise, a national standards analysis will be drafted and published once a year, aiming at providing a global overview of standardization activities at international and European levels.

### **B) Following relevant technical committees**

ILNAS will monitor the interests of the national aerospace community, notably based on the standards analysis outcomes. This activity will help the identification of the relevant international and/or European technical committees which may require particular attention by ILNAS and, in some cases, its direct involvement. This activity will support knowledge transfer to national community and, for some technical committees, allow the promotion of national interests within standardization activities.

### **C) Following the standardization developments related to European policies and strategies**

ILNAS will follow the standardization activities related to European policies in the field of aerospace (standardization request, harmonised standards), especially those related to conformity, which can be of particular importance for national stakeholders.

ILNAS could also take part in strategic groups related to standardization, especially at European level (e.g. High Level Forum on European Standardisation, Committee on Standards), supporting the national interests for the aerospace sector.

## **II - PROMOTING TECHNICAL STANDARDIZATION RELATED TO AEROSPACE AND STRENGTHENING NATIONAL MARKET INVOLVEMENT**

### **A) Promoting the use of standards and the participation of the national market in technical standardization activities**

Identifying and monitoring standardization activities in the field of aerospace will, on the one hand, facilitate the promotion of national participation to technical committee, and, on the other hand, encourage the use of technical standards by the national aerospace community. In this frame, ILNAS will execute several actions:

- Promote the implementation of relevant standards (free consultation of the ILNAS standards catalog on reading stations, standards watch, etc.);
- Develop communication materials (report, technical sheet, articles, etc.) to keep the national market informed about the relevant standardization developments;
- Organize events to promote participation in technical standardization committees and the implementation of relevant standards in the aerospace sector;
- Meet and raise the awareness of the national stakeholders of the aerospace sector.

### **B) Supporting the national participation to standardization activities**

The active involvement in relevant technical committees, by ILNAS, will allow a transfer of standardization knowledge to the national market, aiming to promote the participation of national stakeholders in these specific committees, as well as to enhance the use of technical standards in the aerospace sector. Furthermore, ILNAS, as responsible for the participation of national stakeholders to European and national technical committees, will carry out several actions (secretariat support, information sessions, webinars, etc.), aiming at supporting and federating the national community of standardization experts involved in national mirror committees and national standardization commissions related to aerospace sector.

### **C) Create transversal links with other sectors and domains identified by the national standardization strategy**

Common development opportunities with standardization activities of other growth sectors and relevant domains listed within the national standardization strategy 2024-2030 will be explored. For instance, topics, such as “Urban Planification” linked to Construction sector, or “Space Debris mitigation” linked to Sustainability domain, could be developed, and relevant information could be shared with national stakeholders.

These activities will provide relevant domain related and sectoral information to the national stakeholders active in the aerospace sector, in order to allow them, depending upon the concerned context, the possibility to improve process efficiency, facilitate communication, identify new business opportunities and develop new markets.

### **III - SUPPORTING AND STRENGTHENING THE EDUCATION ABOUT STANDARDIZATION AND THE RELATED RESEARCH ACTIVITIES**

In line with the ILNAS' policy for education and research in the frame of technical standardization (2025-2030), several activities will be conducted to reinforce the research and innovation activities related to technical standardization in the aerospace sector, notably by defining and carrying out new research and education projects.

In this frame, the different developments could be:

- Analysis of the current research trends and outlooks related to the aerospace sector;
- Support of doctoral students (in collaboration with the University of Luxembourg), for example on research projects concerning the use of ICT in the aerospace sector;
- The publication of white papers and / or other research publications on technical standardization in the field of aerospace;
- Evaluate the possibilities to integrate educational content on aerospace technical standardization into educational programs or creating new educational programs dedicated to aerospace technical standardization.

### **IV - POLICY IMPLEMENTATION AND FOLLOW-UP**

ILNAS ensures the implementation of this policy, especially in the context of its quality management system based on ISO 9001.

A dedicated national execution plan will be set up for the aerospace technical standardization, concerning the related activities carried out by ILNAS.

## CONCLUSION

The Luxembourg's policy on aerospace technical standardization (2026-2030) should enable to:

- ◆ Strengthen the national aerospace standardization community.
- ◆ Organize and develop the aerospace technical standardization representation at national level.
- ◆ Increase the national representation within European and international technical committees in the field of aerospace technical standardization.
- ◆ Foster the use of relevant standards in business activities for the benefit of the national stakeholders.
- ◆ Contribute to raising awareness on aerospace technical standardization according to the market needs.
- ◆ Develop research and education activities in relation to aerospace technical standardization, considered as being of national interest.

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