



Fostering innovation with European AeroSpace standards

About us

ASD-STAN is an industrial non-profit association (AISBL) dedicated to establishing, developing, publishing, and maintaining standards on behalf of the European aerospace industry.

We are providing industry-relevant standards that drive innovation and competitiveness.

As an **associated body** to [CEN](#) (European Committee for Standardization) we stand as the primary source for European aerospace Norms (EN).

Streamlined Standardization: ASD-STAN shortens the standardization process through the publication of projected-EN standards (prEN) that are *technically identical to the final European Norm (EN)*.

Our core values: Openness, transparency, consensus, and balance drive the essence of our Working Groups.

Industry Leadership: Working Groups led by experts from major aerospace companies and OEMs ensure standards are relevant and maintain high safety and quality levels.

Main scope: standards related to the design, production and maintenance of aircraft systems, equipment and standard parts



Our members include national industrial associations, national standardization bodies, major aerospace companies and public institutions:

More information about the involvement in the Aerospace Standardization and its benefits can be found on our web-page “[Benefits of Standardisation](#)” and on our [corporate leaflet](#)



Become a member

Various membership types are available, including independent expert contracts. The eligibility criteria, rights, and responsibilities of each category are outlined in the Association's Statutes.

Our estimated members include:



France

GIFAS Groupement des Industries Françaises Aéronautiques et Spatiales

www.gifas.fr



Germany

DIN e.V. Deutsches Institut für Normung

www.din.de



Italy

AIAD Federazione Aziende Italiane per l'Aerospazio, la Difesa e la Sicurezza

www.aiad.it



Spain

TEDAE Spanish Association of Defense, Aeronautics, Security and Space Technology Companies

www.tedae.org



Sweden

SOFF Säkerhets Et Försvars Företagen

www.soff.se



United Kingdom

ADS Group UK Aerospace, Defence, Security & Space Industries

www.adsgroup.org.uk



Europe

EASA European Aviation Safety Agency

www.easa.europa.eu



Europe

ASD Europe-AeroSpace and Defence Industries Association of Europe

www.asd-europe.org



Europe

AIRBUS SE

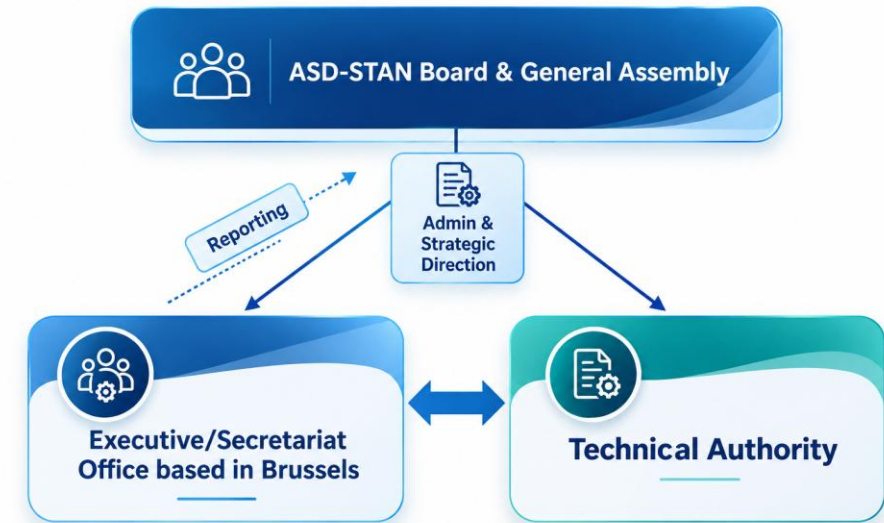
www.airbus.com

Key Governance Bodies:

General Assembly, Board of Directors, Technical Authority, and Secretariat drive strategic decisions and maintain the integrity of ASD-STAN's work.

Close Collaboration:

ASD-STAN partners with national standardization bodies (e.g., BNAE, DIN, BSI) and international stakeholders to promote European standards at European and global level.



Cooperation with CEN & Work Programme

- In 1986, ASD-STAN was recognized by CEN as an "Associated Body" and the "Main Provider of European Aerospace Standards," establishing a cooperation agreement to expedite the European standardization process.
- ASD-STAN serves as the CEN Technical Body (TC) for "Aerospace," with a significant impact on European standardization:
- **2600+ European Standards Published:** ASD-STAN contributes to 16% of the total CEN/CENELEC publications, with over 218 prENs currently in progress.
- **Yearly Production:**
 - **2023:** 80 ASD-STAN prENs and 64 ENs
 - **2024:** 77 ASD-STAN prENs and 81 ENs
 - **2025:** 100 ASD-STAN prENs and 90 ENs



WORK PROGRAMME

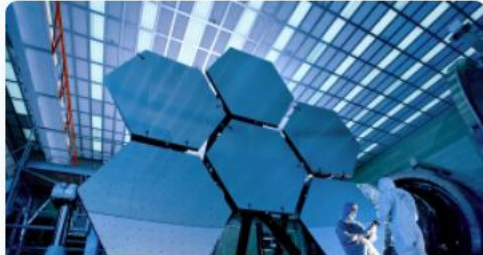
Our Work Programme aims to further strengthen ASD-STAN's role in shaping European aerospace standardization.

Go to ASD-STAN
Work Programme



Domain Structure

See Technical organization



Domain D01 Programme
Management and System
Engineering



Domain D02 Electrical



Domain D03 Mechanical



Domain D04 Material
(Metallic & Non-Metallic)



Domain D06 Quality and
Certification



Domain D07 Digital Projects



Domain D12 Cabin



Domain D13 DECADE-X

[Link to the table of the Technical organization with the WG allocation](#)

Description of ASD-STAN Domains	
Domain D01 "Program Management and System Engineering" DTC: Gilles Beuzelin, SFR Domain secretary: Marina Epis (BNAE)	The D01 Domain addresses the processes contributing to the delivery of a given system and its associated enabling systems required for production and logistical support to aerospace programmes. The objective of the D01 domain is to optimise the development of programme management and systems engineering best practices.
Domain D02 "Electrical" DTC: Rhys Knighton, Airbus UK Domain Secretary: Mohamed Bhaoui (BNAE, France)	The ASD-STAN Domain D02 "Electrical" covers the European standardization activities in the field of electrical parts, components and systems for aerospace applications. The Domain develops and maintains European Standards (ENs) for electrical cables, stripping tools, connectors, contacts, accessories and crimping tools, protection system (circuit breakers, etc.), optical components and much more for the aerospace industry.
Domain D03 "Mechanical" DTC: Dean Rogers, Airbus UK Domain Secretary: Dorothee Kretschmar (DIN, Germany)	The ASD-STAN Domain D03 "Mechanical" covers the European standardization activities in the field of parts and technical requirements for aerospace mechanical systems, (e.g. bearings, rods, bushes, vibration isolators), fasteners (e.g. bolts, nuts, screws, washers, high-locks, quick fasteners, rivets), and fluid systems (e.g. couplings & fittings, clamps, flexible hoses, tubes).
Domain D04 Material DTC: Robert Jarczyk, Airbus Germany Domain Secretary: Cristopher Wild (DIN, Germany)	ASD-STAN Domain D04 covers the European standardization activities in the field of materials for aerospace applications. Its work covers metallic materials (aluminium, steel, titanium, superalloys), non-metallic materials (elastomers, composites, sealants) as well as processes (surface treatments, welding and brazing, additive manufacturing).

Description of ASD-STAN Domains



Domain D06 "Quality and Certification" DTC: Fabrizio Dido, Safran Landing Systems Domain secretary: Marina Epis (BNAE, France)	The ASD-STAN D06 Domain “Quality and Certification” covers both aspects of Quality and Certification. The D06 addresses the coordination of all Quality and Certification related documents in the area of Organisation and product assurance. It defines their respective objectives, policies, requirements, and implementation standards to achieve the defined “Quality” and “Certification” objectives throughout the complete life cycle of the products.
Domain D07 Digital Projects DTC: Bernd Feldvoss, Airbus, Germany Domain secretary: Marie-Noëlle Touzeau (BNAE, France)	The Domain D07 “Digital Projects” represents interests for the European standardization activities in the field of Information and Data related technologies for aerospace applications. Examples are Archiving, Cybersecurity, Blockchain technologies or health monitoring. Main deliverables: LOTAR standards
Domain D12 Cabin DTC: Ralf Schliwa, RWTH Aachen, Germany Domain secretary: Achim Schaube (DIN, Germany)	The Domain D12 covers standardization projects related to aircraft cabin systems. Active Working Groups are: D12/WG01 “Seats and Inflight Entertainment”; D12/WG02 “Ditching Equipment; D12/WG03 “Cabin monuments and supply systems”



Explore ongoing projects
registered at CEN

Go to Work Programme registered at CEN →

Go to Work Programme
registered at CEN

Explore the complete list of published
European Standards (EN) developed by
ASD-STAN and published by CEN

Deliverables



At **ASD-STAN**, we develop and publish **3 types of deliverables**:
ASD-STAN prEN; ASD-STAN EA and ASD-STAN TR.



prEN EN



ASD-STAN projected European Norm (prEN) and European Standard (EN)

ASD-STAN prEN is projected as the European Norm and is a precursor to the official CEN EN. Developed within a streamlined standardization process, all ASD-STAN prENs are subsequently transformed and published as EN standard without technical changes by CEN and its members.

Our core values of openness, transparency, consensus, and balance are embedded in our Working Groups. Ensuring safety, experts from across Europe and the industry, including Original Equipment Manufacturers (OEMs) and Type Certificate (TC) holders, lead our Working Groups.



For more information on the status of an ASD-STAN standard, visit our [FAQ section](#).



EA



ASD-STAN European Aerospace Standard (EA)

ASD-STAN EA represents a quick standard designed to swiftly address emerging standardization needs in the aerospace sector. EA documents can be either normative (requirements) or informative (guidance).

Developed in English, they are published independently by ASD-STAN, offering a quick-to-market solution in response to evolving technologies, market demands, or regulatory changes.

EA combines the flexibility of timely publication with ASD-STAN's recognised approach to openness, consensus, and expertise.

EA documents can complement existing EN or ASD-STAN TR, or serve as standalone references for industry stakeholders, including OEMs and regulatory bodies.



For further details on our process, visit the [Standardisation Process page](#).



TR



ASD-STAN Technical Report (TR)

ASD-STAN TR is an informative document shedding light on the technical content of standardization work. It is published when:



The subject is still under technical development, requiring wider exposure at its current status.

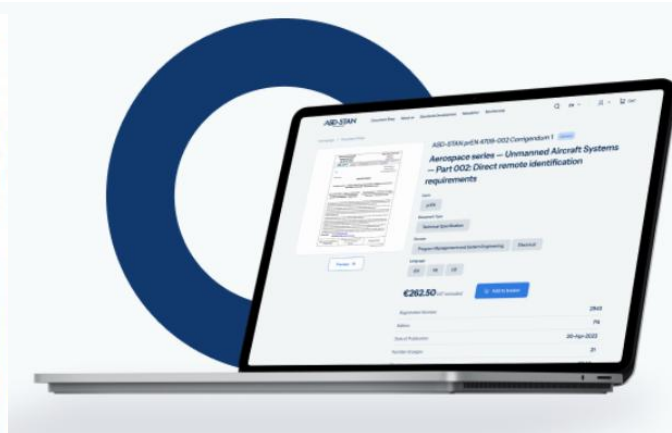


Informative data of a different kind cannot be published as a European Standard (EN).

ASD-STAN TR does not undergo transformation into CEN TR and is part of the 5-year periodic review.



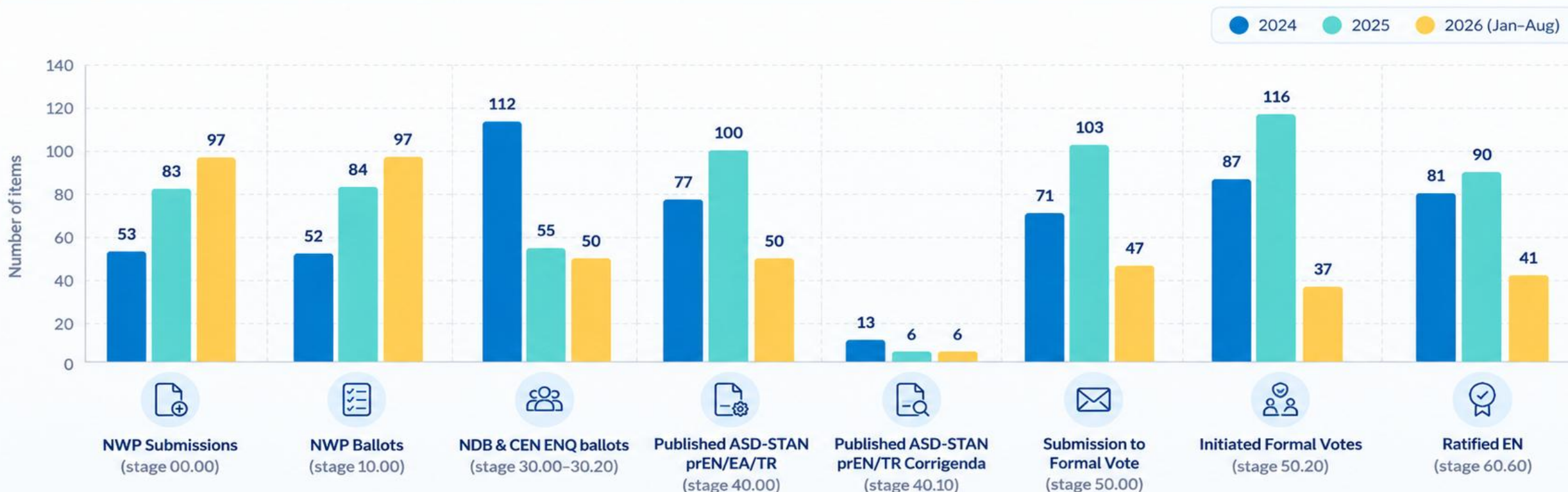
For further details on our process, visit the [Standardisation Process page](#).





ASD-STAN Statistics – 3-year overview

This chart shows the number of ASD-STAN work items submitted, balloted, developed and ratified over the last three years (2024, 2025 and 2026 up to August), highlighting the activity and progress of the standardisation process.



Over the past three years, ASD-STAN has shown **steady activity across all stages** of the standardisation process, with a notable increase in submissions, ballots and formal votes in 2025 compared to 2024. Data for 2026 covers January to August.

ASD-STAN Standardization Process



Initiating a New Standard

Anyone is welcome to propose a subject for standardization to ASD-STAN. Refer to our Standardization Process Manual for detailed instructions.

The ASD-STAN Standardization Process is defined in detail in our:



Standardisation Process Manual (SPM)
Version 16 (June 2026)

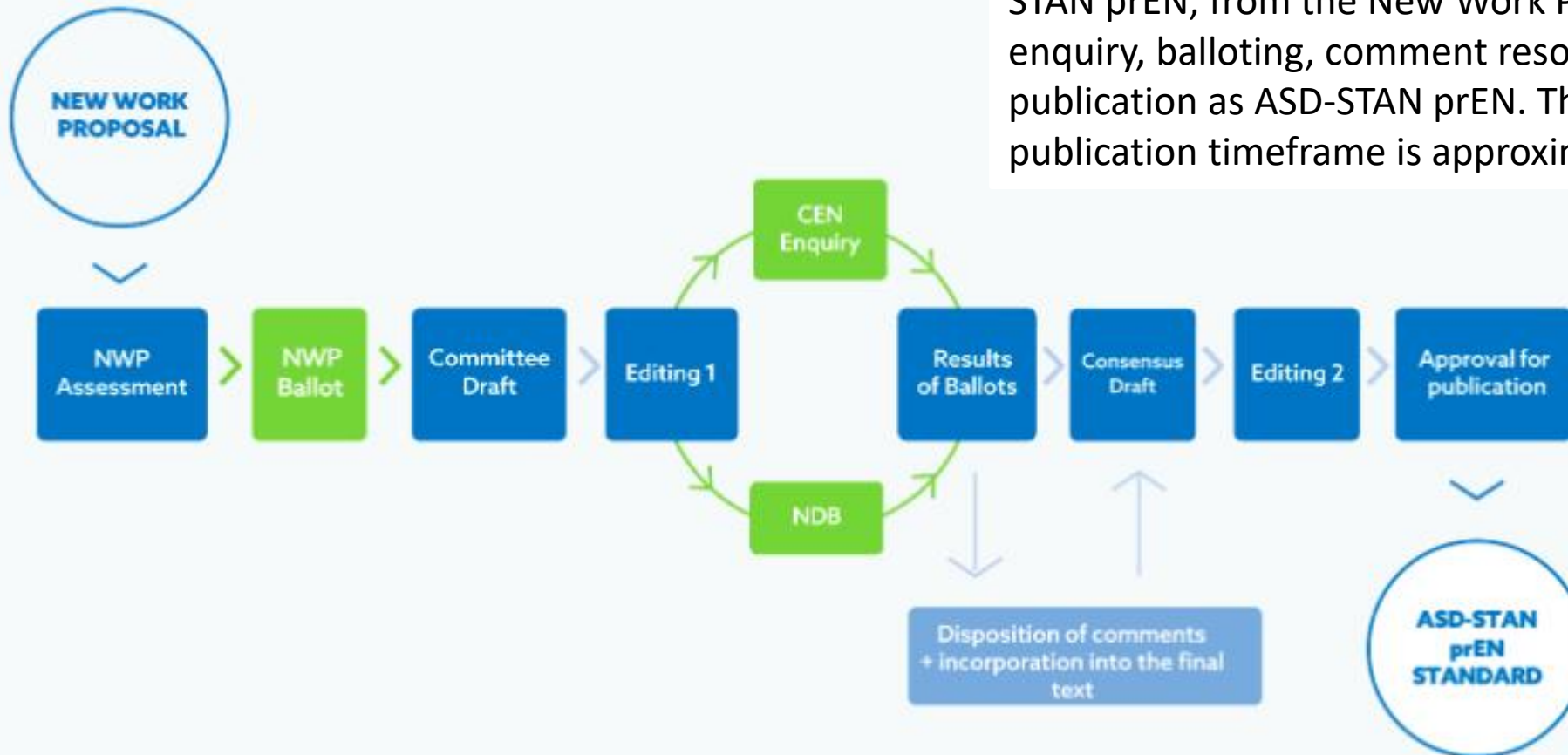


STANDARDIZATION PROCESS MANUAL

The ASD-STAN standardization process ensures compliance with the transparency requirements set forth in [Regulation \(EU\) 1025/2012](#), aligns with the principles of the [WTO Agreement on Technical Barriers to Trade’s Code of Good Practice for the Preparation, Adoption, and Application of Standards](#), and adheres to the relevant provisions in the [CEN-CENELEC Internal Regulations](#).



ASD-STAN prEN Process

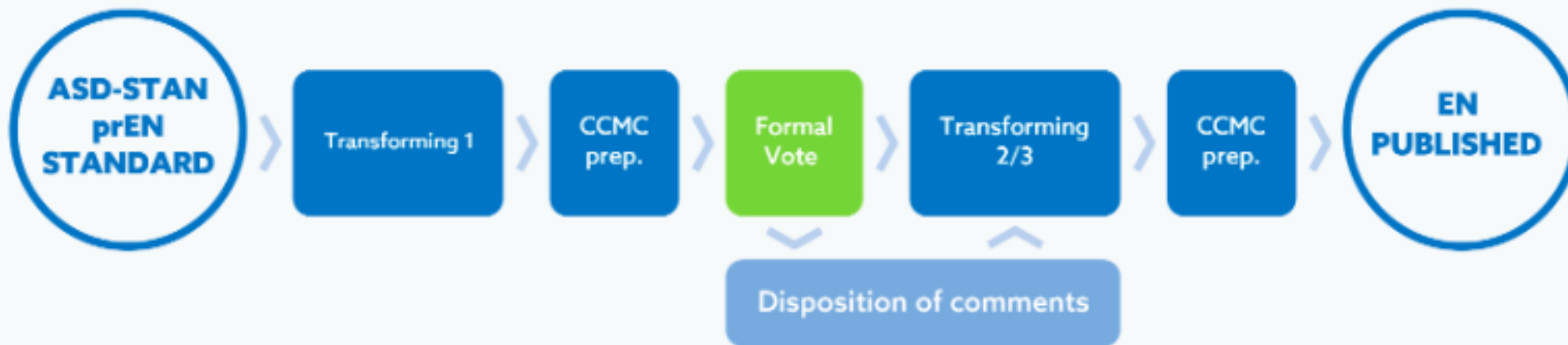


This diagram illustrates the main stages for developing an ASD-STAN prEN, from the New Work Proposal and drafting through enquiry, balloting, comment resolution, approval and final publication as ASD-STAN prEN. The projected development and publication timeframe is approximately **8 to 15 months**.

Projected time for development & publication is from 8 to 15 months.

ASD-STAN Transformation Process

Following publication as an ASD-STAN prEN, the document undergoes the CEN transformation process, including preparation, Formal Vote (editorial ballot at CEN), comment disposition and final processing before publication as an EN. The projected transformation and publication timeframe is approximately **8 to 11 months**, during which **no technical changes to the ASD-STAN prEN are accepted**.



Projected time for development & publication is from 8 to 11 months.

No technical change is accepted during ASD-STAN prEN transformation into EN.

Key Outcomes of EN Ratification:

- **Public Accessibility:** EN standards are made publicly available, managed by National Standardization Bodies (NSB), ensuring broad access and adherence.
- **Harmonization:** Competing national standards are removed within six months, creating consistency and efficiency across the industry.
- **Legal Integration:** EN standards are easily incorporated into European legislation, strengthening regulatory alignment.
- **ASD-CERT Empowerment:** EN production enables ASD-CERT to offer efficient and cost-effective industry qualification services, streamlining the process for industry players.

European standards:



Global Applicability

European standards are utilized on a global scale, promoting interoperability, safety and efficiency across international markets.



Support for Regulatory Authorities and Public Acquisition

These standards play a crucial role in supporting regulatory authorities and public procurement processes, ensuring common requirements and increased trust.

ASD-STAN European Aerospace (EA) standard process

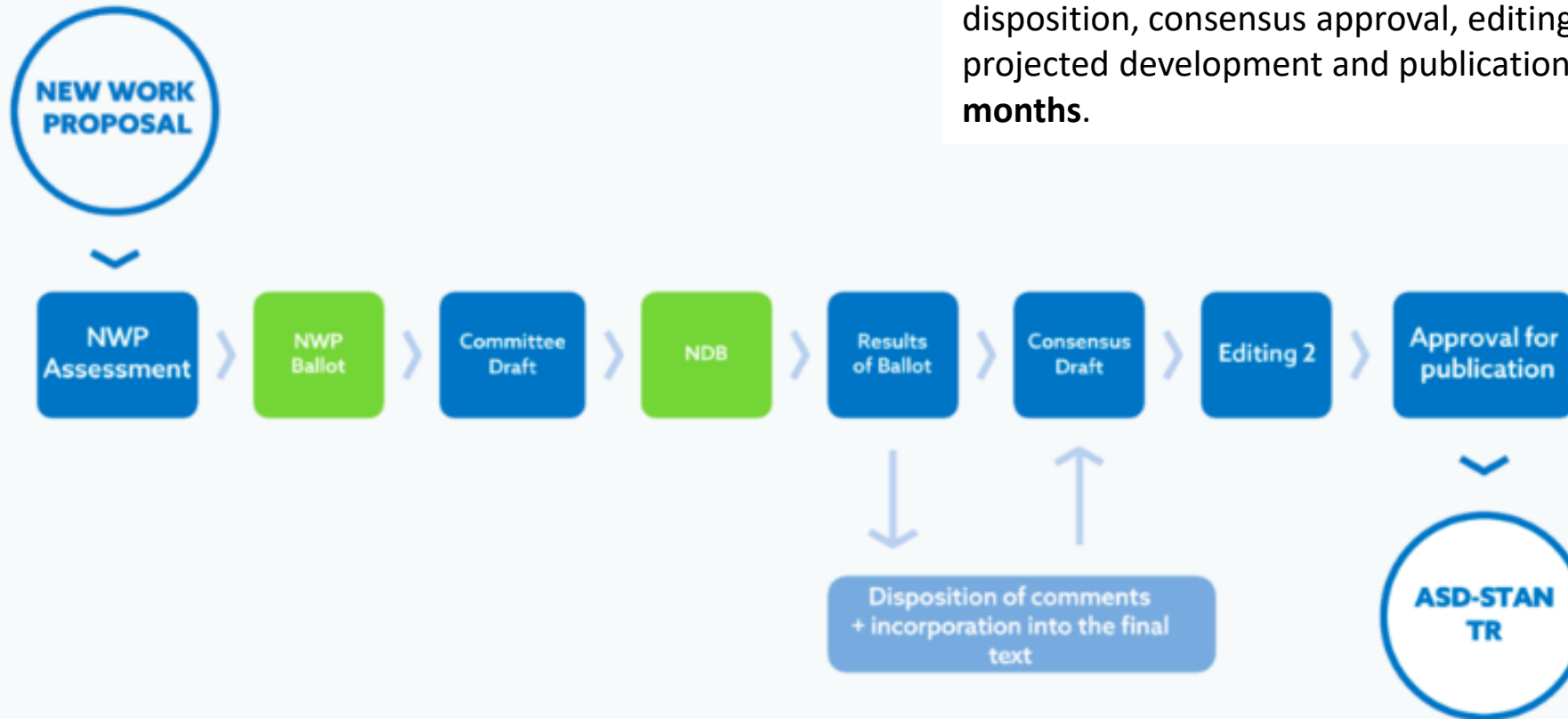


This diagram illustrates the development of an ASD-STAN EA standard, from the New Work Proposal and WGC approval through drafting, commenting, comment disposition, consensus approval, validation and final publication. Following submission of the finalised Consensus Draft (CD), the projected publication time is approximately **3 weeks**, excluding comment resolution and CD finalization timelines.

Projected time for publication after CTD submission is 3 weeks.
(excl. comment resolution and CD finalisation timeline)

ASD-STAN Technical Report (TR) process

This diagram illustrates the development of an ASD-STAN Technical Report, from the New Work Proposal and ballot through drafting, NDB, comment disposition, consensus approval, editing and final publication. The projected development and publication timeframe is approximately **4 to 8 months**.



Projected time for development and publication is between 4 to 8 months

External Cooperation

Collaboration with European and International organizations and other SDOs:

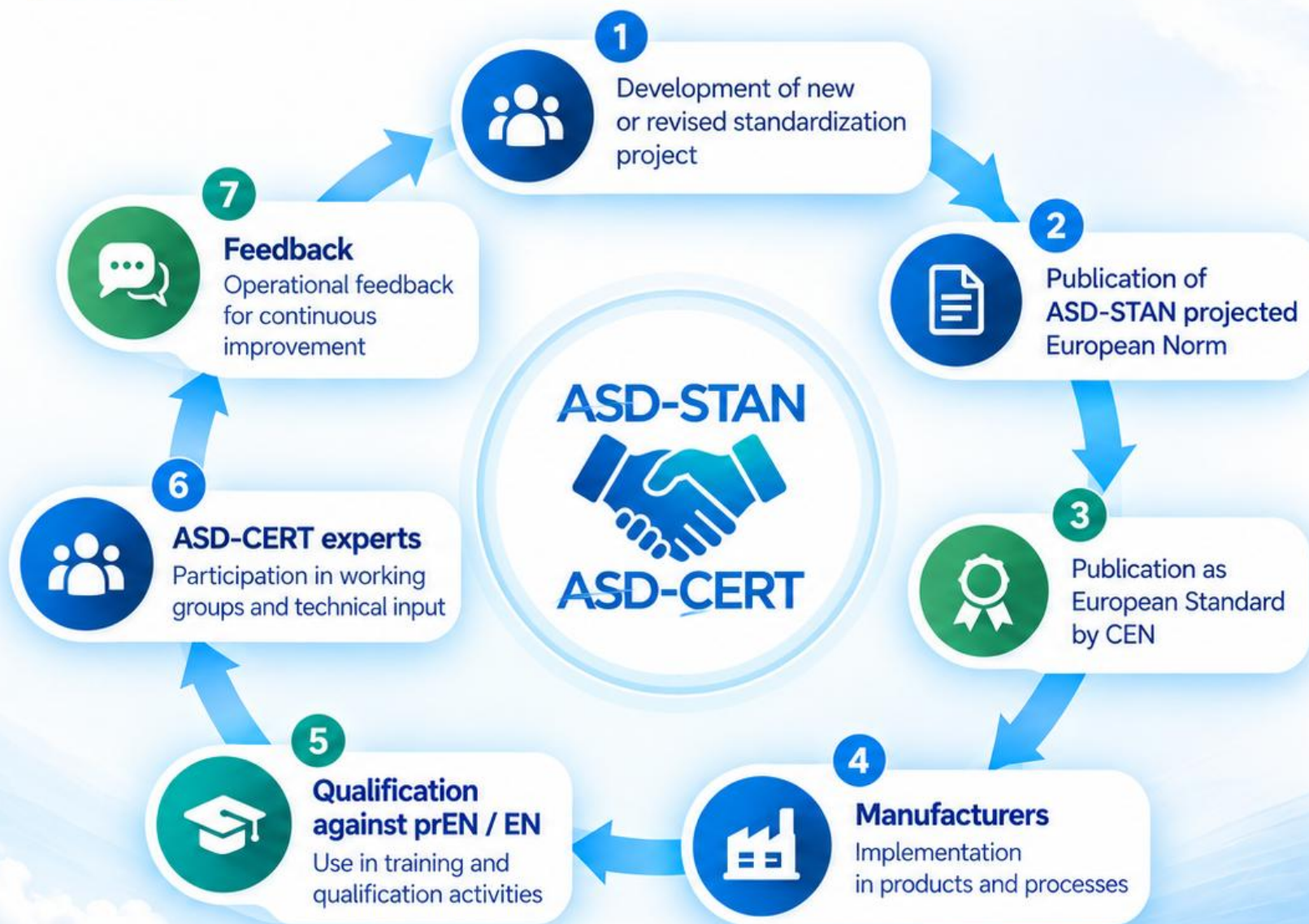
- ISO Liaison: Active collaboration with ISO/TC20 and other subcommittees ensures alignment with international standards, leveraging the Vienna Agreement for common ISO EN publications.
- Strategic Partnerships with other SDOs: Partnerships with EUROCAE, SAE, ASTM, AIA to ensure harmonization and avoid duplication in standards development.

Relevant ISO Technical Committees

Key ISO/TCs and Subcommittees for the Aerospace Sector

ISO/TC 20		Aircraft and space vehicles	ISO/TC 20/SC 18		Materials
ISO/TC 20/SC 1		Aerospace electrical requirements	ISO/TC 79		Light metals and their alloys
ISO/TC 20/SC 4		Aerospace fastener systems	ISO/TC 155		Nickel and nickel alloys
ISO/TC 20/SC 10		Aerospace fluid systems and components	ISO/TC 184		Automation systems and integration
ISO/TC 20/SC 14		Space systems and operations	ISO/TC 184/SC 1		Physical device control
ISO/TC 20/SC 16		Unmanned aircraft systems	ISO/TC 184/SC 4		Industrial data
ISO/TC 20/SC 17		Airport infrastructure	ISO/TC 184/SC 5		Interoperability, integration, and architectures for enterprise systems and automation applications

ASD-STAN and ASD-CERT Cooperation



Certification Integration

ASD-STAN prEN publications are utilized for training and qualification activities, ensuring industry-wide adherence to high-quality standards.



Feedback Loop

ASD-CERT experts participate directly in working groups, providing valuable feedback that informs ongoing standard revisions.

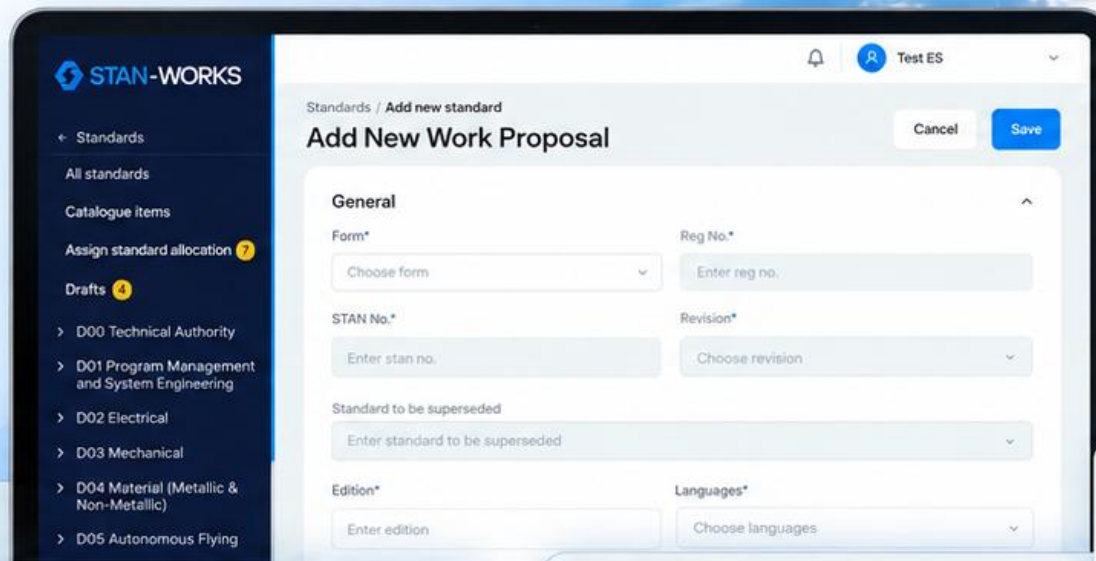


A comprehensive digital platform that streamlines standards management, workflow tracking, balloting, meeting and user management.

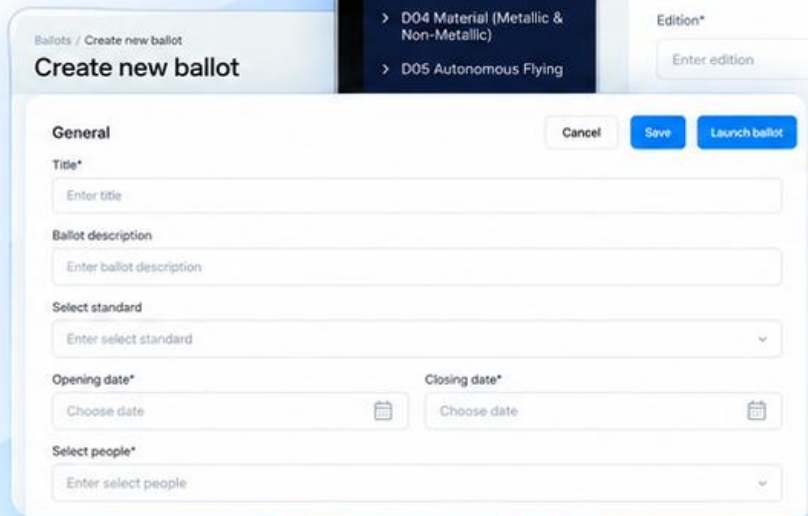
-  Create digital native structured documents
-  Interactive workflow management
-  Balloting and meeting management
-  User management and secure, cloud-based archiving



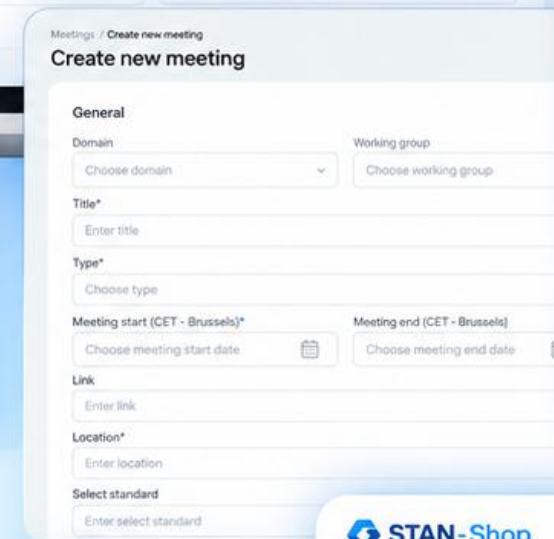
Integrated with STAN-Shop:
Enables seamless publication and distribution of ASD-STAN standards, ensuring easy access for industry stakeholders.



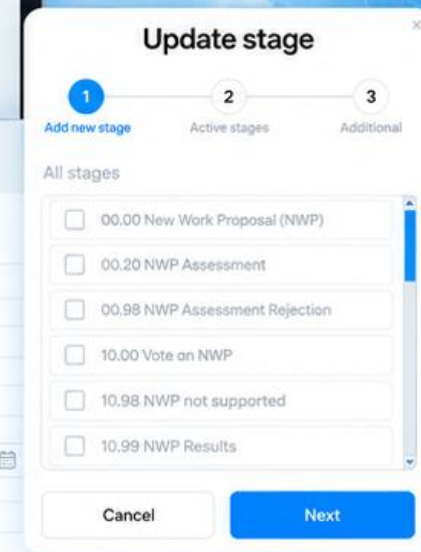
The interface shows a sidebar with navigation options: Standards, Catalogue items, Assign standard allocation, and Drafts. The main area is titled 'Add New Work Proposal' and contains a 'General' section with fields for Form*, Reg No.*, STAN No.*, Revision*, Standard to be superseded, Edition*, and Languages*.



The interface shows a 'Create new ballot' form with a 'General' section containing fields for Title*, Ballot description, Select standard, Opening date*, Closing date*, and Select people*.



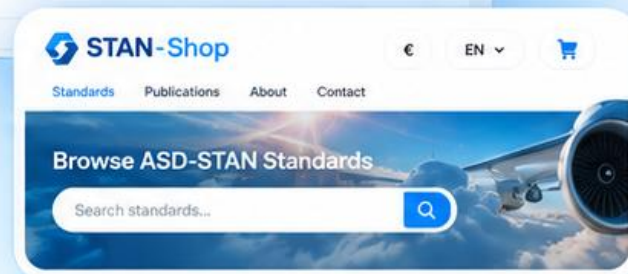
The interface shows a 'Create new meeting' form with a 'General' section containing fields for Domain, Working group, Title*, Type*, Meeting start (CET - Brussels)*, Meeting end (CET - Brussels), Link, Location*, and Select standard.



The interface shows an 'Update stage' form with a progress bar indicating three stages: Add new stage, Active stages, and Additional. Below the progress bar is a list of stages with checkboxes, including '00.00 New Work Proposal (NWP)', '00.20 NWP Assessment', '00.98 NWP Assessment Rejection', '10.00 Vote on NWP', '10.98 NWP not supported', and '10.99 NWP Results'.



Finalised
Standard



Our Vision & Future Outlook

- Accelerating Standardization: Commitment to expediting the European standard publication process for faster accessibility.;
- Addressing Industry Needs: A dynamic work program aligned with the evolving demands of the European aerospace sector.;
- Preventing Duplications: Ensuring proactive collaboration with other Standards Development Organizations (SDOs) to prevent overlaps.

How to get involved?



National Level

Through the ASD-STAN member, become an ASD-STAN member, or through CEN National Standardization Bodies / CENELEC National Committees.



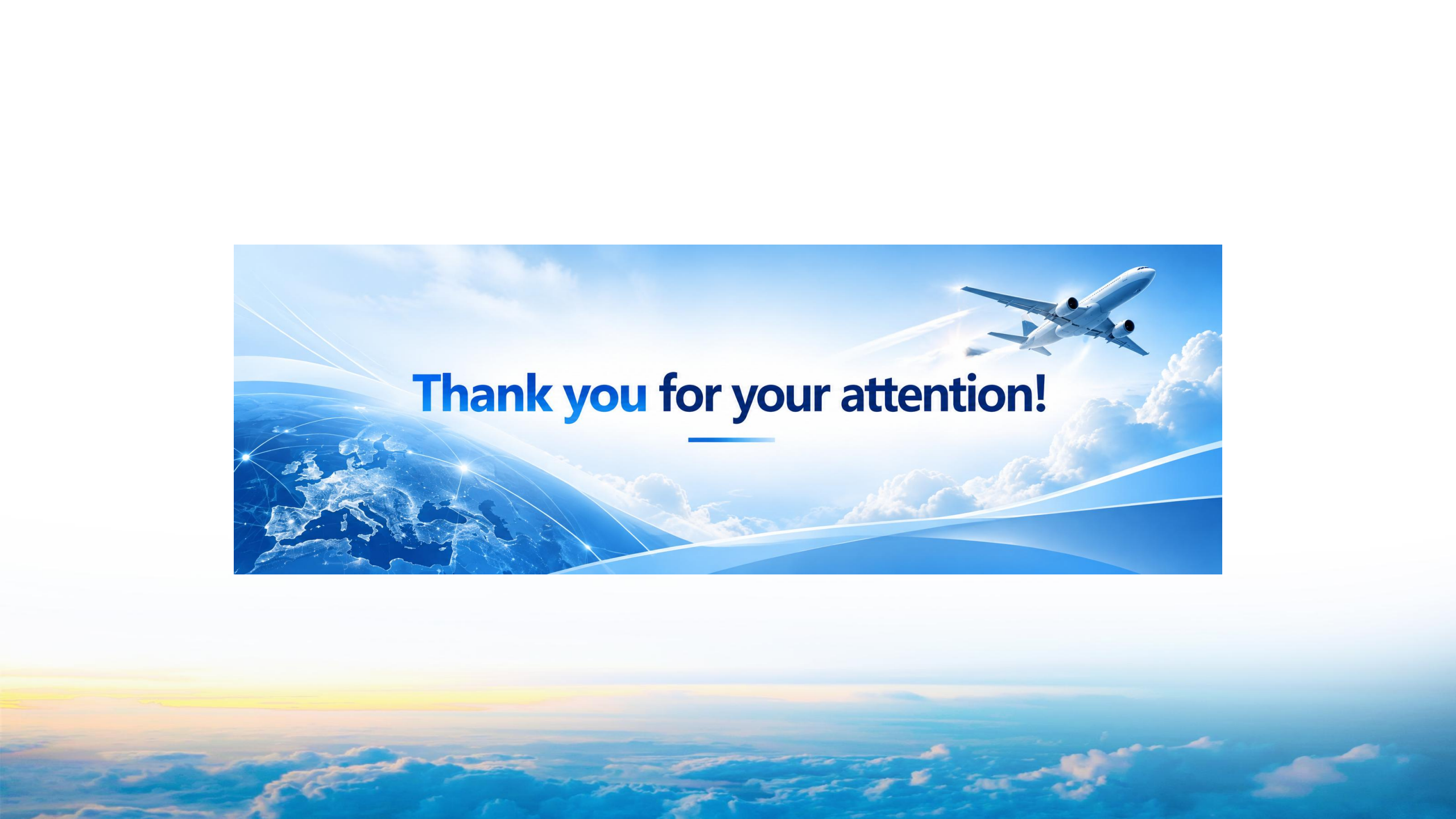
European Level

Become an ASD-STAN member or through the European ASD-STAN member.



International Level

Become an ASD-STAN member or establish a collaboration agreement with ASD-STAN. ASD-STAN maintains liaisons with ISO Technical Committees.



Thank you for your attention!