EUROCAE
STRATEGY



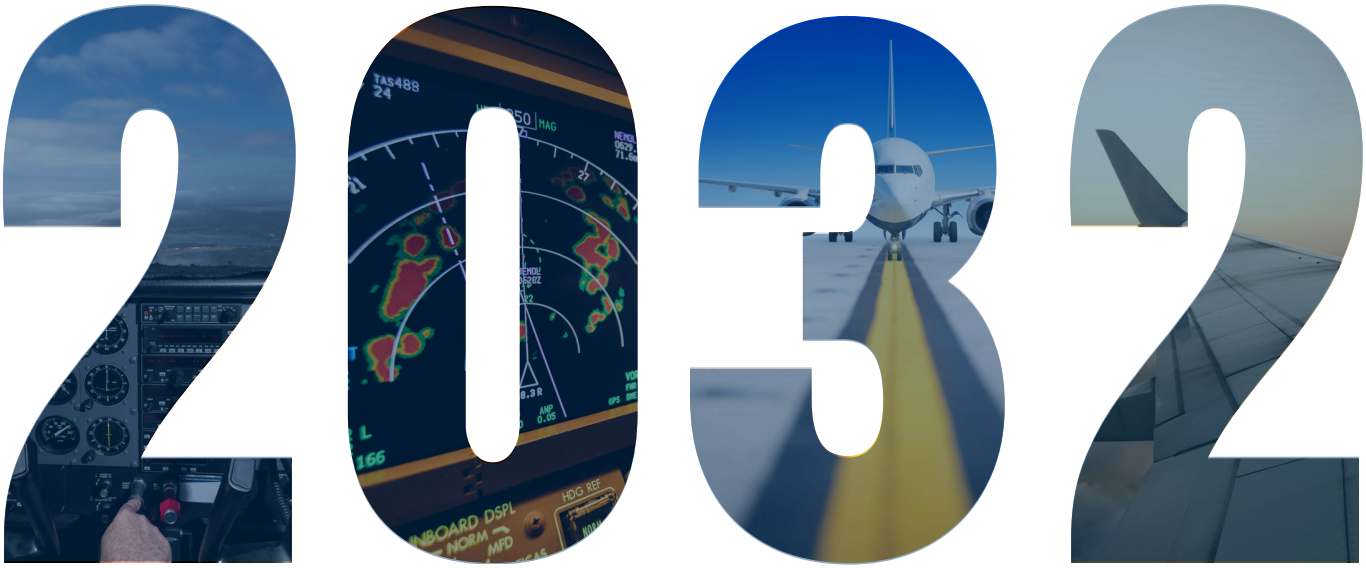


Table of Content

1. **Introduction**
2. **Executive Summary**
3. **Identity and Foundations**
4. **Legal & organisational structure**
5. **Core Values**
6. **Context**
7. **EUROCAE's role in aviation**
8. **Members and Partners**
9. **Strategic objectives**
10. **Main activies and domains**

Introduction

EUROCAE is an independent, member-driven, non-profit association dedicated to advancing aviation through the development of high-quality standards that support safety, interoperability, innovation, and sustainability.

As Europe's leading aviation standardisation body with global reach, EUROCAE provides a collaborative platform where industry, regulators, service providers, manufacturers, research organisations, and operators work together to address emerging aviation challenges and shape the future of the sector.

The foundations of EUROCAE are built on technical excellence, consensus-based decision-making, and a strong commitment to serving the public interest. Through its governance structure, expert working groups, and active international partnerships, EUROCAE ensures that aviation standards reflect the needs of stakeholders while supporting a safe, efficient, secure, and sustainable global air transport system.

This Strategic Framework provides the long-term direction for EUROCAE, establishing the priorities, objectives, and guiding principles that will enable the Association to strengthen its impact, deliver value to its members and stakeholders, and support the safe, secure, sustainable, and innovative evolution of aviation.



Executive Summary

EUROCAE operates in an aviation environment undergoing rapid transformation driven by digitalisation, automation, artificial intelligence, innovative air mobility, sustainability objectives, new propulsion technologies, enhanced connectivity, and evolving regulatory frameworks. In this context, **internationally recognised standards are increasingly essential to support innovation, certification, interoperability, operational deployment, and global harmonisation**. As an independent, member-driven, non-profit association, EUROCAE provides the trusted platform through which industry, operators, air navigation service providers, airports, regulators, research organisations, and other stakeholders collaborate to develop consensus-based aviation standards.

Building on more than sixty years of experience in aviation standardisation, EUROCAE's vision is to be the world's most trusted aviation standards development organisation, enabling a safe, innovative, connected, and sustainable aviation future. To achieve this ambition, EUROCAE continues to serve European aviation priorities while contributing to global harmonisation and worldwide interoperability through close cooperation with regulators, international partners, and the broader aviation community.

EUROCAE's strategy is founded on its core values of consensus, openness, transparency, independence, neutrality, excellence, innovation, integrity, and public interest. These principles, aligned with internationally recognised standards development best practices, underpin the organisation's governance, technical activities, stakeholder engagement, and decision-making processes

Identity and Foundations

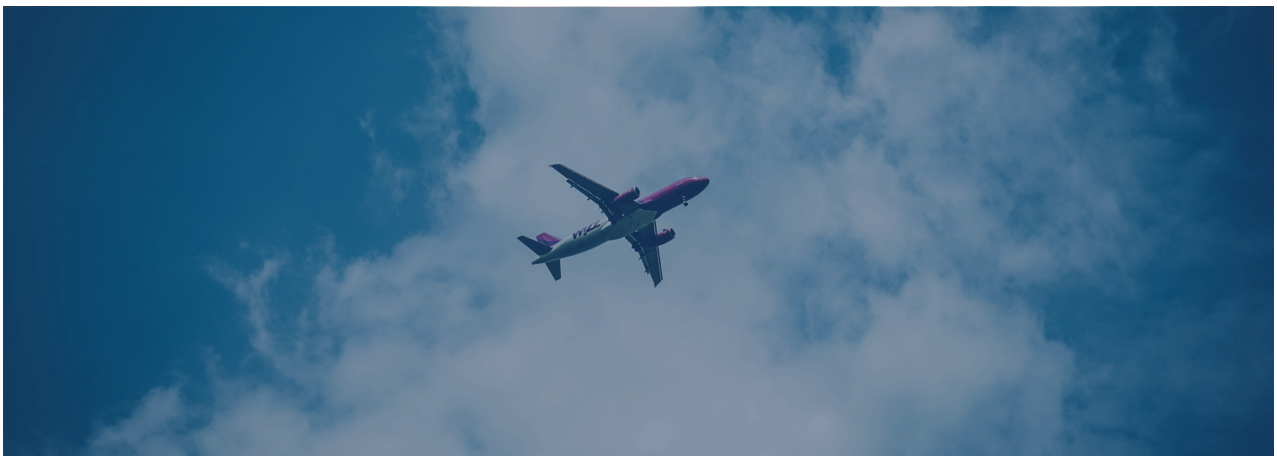
Building on more than six decades of service to the aviation community, EUROCAE fulfils its mission by addressing European aviation priorities while contributing to globally harmonised standards and worldwide interoperability. Today, **EUROCAE's identity and foundations combine a strong heritage of consensus-based standardisation with a forward-looking ambition** to enable the safe, innovative, sustainable, and globally harmonised aviation ecosystem of the future.

Vision

To be the world's most trusted aviation standards development organisation, enabling a safe, innovative, connected, and sustainable aviation future.

Slogan

Driving The Standard For Aviation.



Identity and Foundations

Mission

Take a leading role in coordinating European and global aviation standardisation activities and in bringing the aviation community together to develop high-quality standards that:

Build upon the state-of-the-art expertise of its members.
Are fit for purpose to be adopted internationally.
Support operational, development and regulatory processes.
Address emerging global aviation innovation and challenges.

Strategic pillars

The mission is implemented through four interconnected strategic pillars:

A. Addressing current and anticipating future aviation needs through the development of trusted standards
B. Bringing together the global aviation community to advance harmonised standards
C. Delivering robust, high-quality and consensus-based standards and services
D. Maintaining EUROCAE's organisational sustainability, resience and independence

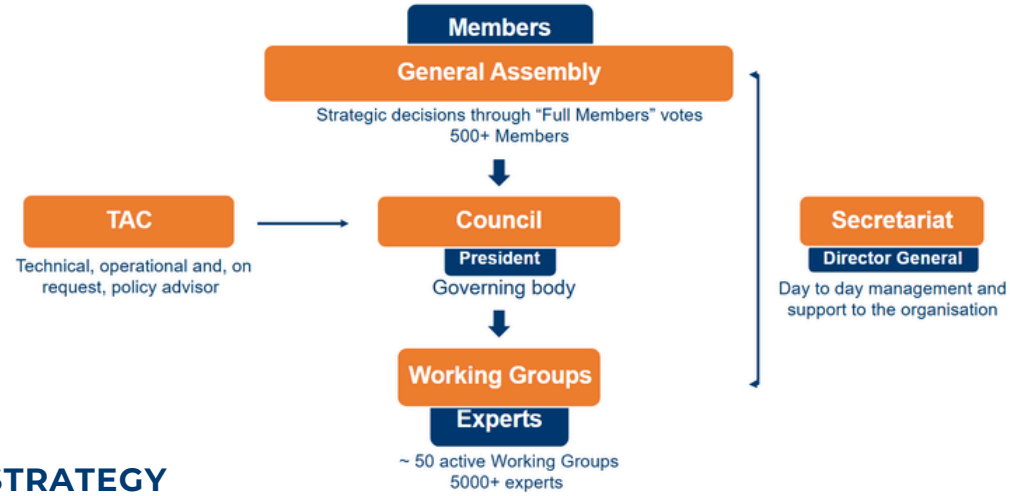
Together, these four strategic pillars, supported by a clear set of objectives and deliverables and monitored through regular KPI reporting to the Council and Technical Advisory Committee (TAC), provide the framework through which EUROCAE will continue to support the aviation community, respond to emerging challenges and opportunities, and strengthen its position as a trusted global leader in aviation standardisation.

Legal & organisational structure

EUROCAE is a non-profit association, established under French law, operating for the benefit of the global aviation community. Its membership-based structure brings together organisations and experts from across the aviation value chain, creating a neutral and trusted environment for cooperation. **Membership participation and volunteer expertise are at the heart of EUROCAE's activities and standardisation work.** Members comprise the manufacturing industry, regulatory bodies and civil aviation authorities, service providers, airlines, airports, R&D organisations, universities, international organisations and associations.

Governance

EUROCAE operates through a transparent governance framework that provides strategic direction, oversight, and accountability. The Association is governed by its members through the General Assembly, supported by an elected Council that defines strategic priorities and supervises implementation. The standards development is overseen by the TAC, under delegated authority from the Council. Dedicated Working Groups (WGs) are tasked with the development of standards; members nominate expert participants into these WGs on a voluntary basis. The Secretariat is responsible for implementing the strategic targets and objectives agreed by the Council and manages the organisation's operations.



Core Values

EUROCAE's core values reflect its role as an independent, member-driven standards development organisation and are aligned with internationally recognised principles for standards development (including the World Trade Organisation principles set under the Technical Barriers to Trade Agreement (WTO/TBT)) of transparency, openness, impartiality, consensus, effectiveness, and coherence. **These values guide all EUROCAE activities and ensure that the standards development process remains robust, inclusive, and responsive to the needs of the global aviation community**.

- **Consensus**: EUROCAE develops standards through consensus-based decision-making, ensuring that diverse stakeholder perspectives are considered and balanced to achieve broadly supported solutions for aviation.
- **Openness & Inclusiveness**: EUROCAE promotes broad participation from industry, regulators, service providers, research organisations, and other interested parties, ensuring that all relevant stakeholders have the opportunity to contribute to standards development.
- **Transparency**: EUROCAE conducts its activities through clear procedures, accessible information, and accountable governance, fostering trust and confidence in both its processes and outputs.
- **Independence & Neutrality**: EUROCAE acts as an impartial and trusted platform, free from commercial, national, or organisational bias, ensuring fair and balanced stakeholder representation throughout the standards development process.
- **Excellence, Effectiveness & Relevance**: EUROCAE delivers high-quality, technically robust standards that address current and emerging aviation needs and innovation while supporting implementation and regulatory acceptance.
- **Cooperation & Global Harmonisation**: EUROCAE works closely with international standards organisations, regulatory authorities and ICAO to promote globally harmonised solutions, avoid duplication, and enhance interoperability across the aviation ecosystem.
- **Innovation**: EUROCAE supports the safe, secure, and efficient adoption of emerging technologies and new aviation concepts through forward-looking standardisation.
- **Public Interest & Sustainability**: EUROCAE standards contribute to safer, more efficient, secure, and environmentally sustainable aviation, delivering benefits to society and supporting the long-term development of the global aviation sector.

CSR & Corporate Shared Values

EUROCAE recognises its responsibility not only to support safety, interoperability and technological advancement, but **also to drive positive environmental and social impact across the aviation sector**.

As an independent, non-profit and member-driven association, EUROCAE is committed to conducting its activities responsibly, contributing to a safe, sustainable, inclusive, and future-ready aviation ecosystem. Through all its activities, EUROCAE seeks to contribute to a safe, sustainable, inclusive, and innovative aviation ecosystem.

Our zero-tolerance policy on is clearly articulated and implemented in all relevant documentation.

Through this commitment, EUROCAE aims to create lasting value for its members, stakeholders, and society while supporting the continued evolution of safe, innovative, and sustainable aviation worldwide.



Context

The aviation sector is undergoing a profound transformation driven by rapid technological innovation, evolving regulatory frameworks, increasing global connectivity, and growing sustainability expectations. New technologies such as new entrants and innovative air services (IAS), artificial intelligence (AI), automation, cybersecurity, digital communications, cloud-based services, and increasingly connected aircraft are creating significant opportunities while also introducing new operational, safety, security, and certification challenges. At the same time, aviation stakeholders are expected to support environmental objectives, enhance operational efficiency, improve resilience, and accelerate the deployment of innovative solutions. The challenge facing the global aviation community is to ensure that innovation can be safely, efficiently, and consistently introduced through internationally harmonised standards that support interoperability and regulatory acceptance.

Standards play a critical role in this transformation by providing the common frameworks, technical specifications, and performance criteria necessary to convert innovation into deployable and certifiable aviation solutions. By establishing agreed industry practices and reducing uncertainty, standards facilitate investment, accelerate technology maturation, support interoperability across systems and borders, and enable regulators to assess and approve new technologies more efficiently. As a result, effective standardisation is not only a tool for harmonisation and safety but also an important enabler of innovation, helping emerging concepts move from research and development towards deployment.

In parallel, the regulatory environment is becoming increasingly complex and interconnected, with ICAO, EASA and other aviation authorities relying more extensively on industry standards to support certification, compliance demonstration, rulemaking activities, and the introduction of new technologies. **The successful deployment of future aviation concepts depends on close cooperation between regulators, industry, and standards development organisations to ensure alignment between innovation and regulatory requirements**.

Context

EUROCAE brings together a **diverse community of aviation stakeholders**, including:

- **Aviation authorities and regulators** seeking standards that support rulemaking, certification, and compliance demonstration.
- **Aircraft and systems manufacturers** requiring globally recognised standards that facilitate development, interoperability, and market access.
- **Air Navigation Service Providers (ANSPs)** seeking standards that support safe and efficient air traffic management.
- **Airlines and other airspace users, airports and infrastructure providers**, requiring practical standards that enhance operational safety, efficiency, and performance.
- **Service providers and technology companies** developing new products, services, and digital solutions for aviation looking to bring new solutions to the market.
- **Research organisations, academia and innovators** looking to transform emerging technologies into operationally accepted solutions.
- **International organisations and partner Standards Development Organisations (SDOs)**, collaborating on global harmonisation and interoperability.

Together, these stakeholders contribute expertise, build consensus, and shape the standards that underpin the future of aviation.

EUROCAE is hence well positioned to address the challenges aviation is facing, by providing a trusted, consensus-based platform where stakeholders collaborate to develop internationally recognised standards that support both regulatory objectives and industry needs while promoting global harmonisation.

EUROCAE's Unique Role in Aviation

While several organisations develop aviation-related standards, **EUROCAE occupies a distinctive position within the global aviation ecosystem** through a combination of characteristics that few organisations offer simultaneously:

- **Aviation focus**: EUROCAE specialises exclusively in aviation, enabling deep technical expertise and a strong understanding of operational, regulatory, and certification requirements.
- **Neutral multi-stakeholder platform**: regulators, manufacturers, operators, ANSPs, airports, service providers, research organisations, and other stakeholders collaborate to achieve consensus.
- **Member-driven standards development**: EUROCAE's standards are built directly by experts from its membership, validated at several steps during the development process and submitted to a public open consultation. This ensures that standards reflect real-world needs and benefit from the collective expertise of our members and other stakeholders.
- **Strong regulatory relevance**: EUROCAE standards are developed with active participation from aviation authorities and are used to support regulation, certification, compliance demonstration. This creates a direct bridge between industry innovation and regulatory acceptance.
- **Enabling innovation**: EUROCAE plays a key role in enabling emerging technologies through strong collaboration with large R&D programmes such as SESAR or Clean Aviation. By developing standards early in the innovation cycle, EUROCAE helps transform new concepts into certifiable and deployable solutions.
- **Global standards through international harmonisation**: Although clearly rooted in Europe, EUROCAE operates globally and develops standards intended for international use. Through close cooperation with organisations such as RTCA, SAE and other international partners, EUROCAE helps reduce fragmentation and supports worldwide interoperability.

Members and Partners

EUROCAE's success is founded on the active involvement of its members, whose expertise, experience and commitment drive both the development of standards and the governance of the organisation. Its membership brings together the full aviation ecosystem, including industry and manufacturers, operators, air navigation service providers, airports, regulators, research organisations, professional associations, and international organisations. **Over the 2027-2032 period, EUROCAE will focus on maintaining a diverse and representative membership base while strengthening engagement throughout the entire member lifecycle**.

Complementing its membership, **EUROCAE will maintain a proactive stakeholder engagement approach aimed at strengthening relationships with regulators, industry partners, research organisations, and professional associations**. Through regular dialogue, communications, training, events, governance participation, and technical collaboration, EUROCAE will seek to ensure that the needs of the aviation community are effectively reflected in its activities. Formal cooperation agreements and memoranda of understanding will continue to play an important role in supporting information exchange, stakeholder representation, international harmonisation, and alignment of standardisation work with technological, operational, and regulatory developments.

Recognising that aviation is inherently global, **EUROCAE will continue to nurture partnerships with key international standardisation bodies and organisations**. Strategic cooperation with partners such as RTCA, Inc., SAE International, other SDOs, ICAO, and industry associations will be used to promote harmonisation, leverage technical expertise, address gaps, and reduce overlaps and redundancies. This will ensure that partnerships remain focused on delivering tangible value to members, stakeholders, and the wider aviation community.

Strategic Objectives

To achieve its vision and fulfil its mission, EUROCAE has established a set of strategic objectives that guide its activities and development across all areas of operation.

A. Addressing current and anticipating future aviation needs through the development of trusted standards:

EUROCAE will maintain and execute a future-oriented standardisation programme, aligned with current and evolving industry, operational, technological, and regulatory priorities. Particular focus will be placed on emerging domains such as artificial intelligence, innovative air mobility, unmanned aircraft systems, sustainability, future aircraft concepts, cybersecurity, connectivity, digital transformation, space-based services, and future air traffic management concepts, ensuring that standards continue to support innovation and safe deployment.

B. Bringing together the global aviation community to advance harmonised standards:

EUROCAE will continue to strengthen its role as a global platform for collaboration by growing and engaging its membership community, reinforcing strategic partnerships, and maintaining close relationships with regulators, industry associations, research organisations, and international standards bodies. Through these activities, EUROCAE will continue to support harmonisation and broaden the adoption of its standards worldwide.

Strategic Objectives

C. Delivering robust, high-quality and consensus-based standards and services:

EUROCAE will execute the standardisation work programme to deliver the right standards at the right time. It will also continuously improve the efficiency, quality, and effectiveness of standards development processes while preserving the principles of openness, transparency, and consensus. This includes strengthening digital tools, supporting implementation through training and guidance, and maintaining a strong quality culture to ensure that standards remain trusted, relevant, and globally recognised.

D. Maintaining EUROCAE's organisational sustainability, resilience and independence:

EUROCAE will continue to invest in its governance, team, digital infrastructure, financial sustainability, and organisational capabilities to ensure long-term resilience and independence. As a non-profit association, maintaining a balanced financial model, a highly competent Secretariat, effective risk management, and a culture of continuous improvement remains essential to supporting future growth and delivering value to members and stakeholders.

Main Activities and Domains

EUROCAE develops standards **across a broad range of aviation domains**, covering both established and emerging technologies that enable the future of global aviation:

- **Air Traffic Management (ATM)** and communications, navigation, surveillance (CNS) systems.
- **Airport systems** and technology.
- **Avionics**, aircraft systems, airborne equipment.
- **Cabin systems**, safety and passenger services.
- **Innovative Air Systems (IAS)**, Unmanned Aircraft Systems (UAS), VTOL, autonomous operations, and emerging aviation concepts.
- **Space-based** services used by aviation, e.g. satellite communications, navigation, surveillance, and space-aviation integration.
- **Environmental Sustainability**, supporting more sustainable aviation through environmental performance, emissions reduction, and operational efficiency.
- **IT & Software**, e.g. artificial intelligence, software assurance, and digital transformation.
- **Cybersecurity**.
- **Radio-frequency spectrum** management, compatibility, protection, and efficient use of spectrum resources essential to aviation operations.
- **Systems Engineering**, such as cross-domain methodologies, system architectures, safety assurance, interoperability, and lifecycle engineering practices.



Main Activities and Domains

Across these 11 technical domains, **EUROCAE coordinates the work of more than 50 active WGs**, bringing together experts from across the global aviation community. At any given time, around **150 standards and standardisation deliverables are under development, resulting in the publication of approximately 40 standards each year**.

The strategic direction and scope of standards development activities is set through the Business Plan, developed and approved by the Council, and the **Technical Work Programme (TWP)**, which is developed and updated by the TAC and approved by the Council on an annual basis. Alignment with the European strategic plans, European ATM Master Plan and European Plan for Aviation Safety, as well as the global strategies (GANP and GASP) are important in order to maintain the consistency of the standardisation activities with relevant regional and global priorities as well as industry needs. Partnership agreements, Memoranda of Understanding (MoU) or Cooperation (MoC) are essential tools to achieve this. However, EUROCAE remains open to support the aviation community on topics not included in the TWP, subject to membership agreement and depending on suitable justification.

This extensive technical programme enables EUROCAE to address current and emerging aviation challenges while supporting safety, innovation, interoperability, sustainability, and global harmonisation.

In addition, EUROCAE organises events such as our annual Symposium, offers trainings to support the implementation of our standards, and offers related services.


EUROCAE