

CANSO



ABOUT **CANSO**

SHAPING
OUR
FUTURE
SKIES

WHO WE ARE

We are ATM

CANSO brings together the world's air navigation service providers, leading industry innovators and air traffic management (ATM) specialists to shape our future skies. Together we are experts, we are innovators and we are the architects of future ATM. We raise the bar on global ATM performance by connecting the industry to share knowledge, expertise and best practice.

CANSO constantly scans the horizon for innovations that will create future skies that are safe, sustainable and efficient for all airspace users.



Works with

90+

industry innovators



Collaborates with

89+

ANSPs



Connects

20,000

individuals across
the industry



Supports

90%

of world air traffic

“Our industry faces a myriad of challenges – integrating diverse airspace users into our skies, reducing the environmental impact of aviation and new technologies and procedures that are transforming air traffic management (ATM). CANSO ensures that its members and the entire ATM industry, are fit for the future by identifying trends and new technologies, sharing best practice, providing guidance and training, and influencing policy makers across the globe.”

SIMON HOCQUARD, DIRECTOR GENERAL CANSO



WHAT WE DO

CANSO and its members seek to overcome challenges and harness opportunities in ATM by:



Maintaining a network for ATM experts around the world to exchange information and ideas.



Leveraging global expertise to develop policies, positions and guidance to promote best practice in ATM and support the safe, efficient and effective management of airspace.



Working with regulators, airlines, industry suppliers, airports and other aviation industry stakeholders to realise improvements in the aviation system.



Serving as the global voice of ATM and representing the views and interests of members at relevant international institutions and on a range of contemporary issues across the industry.

WHY WE DO IT

CANSO was founded in 1996 as more of the world's air navigation service providers separated from their regulatory authorities.

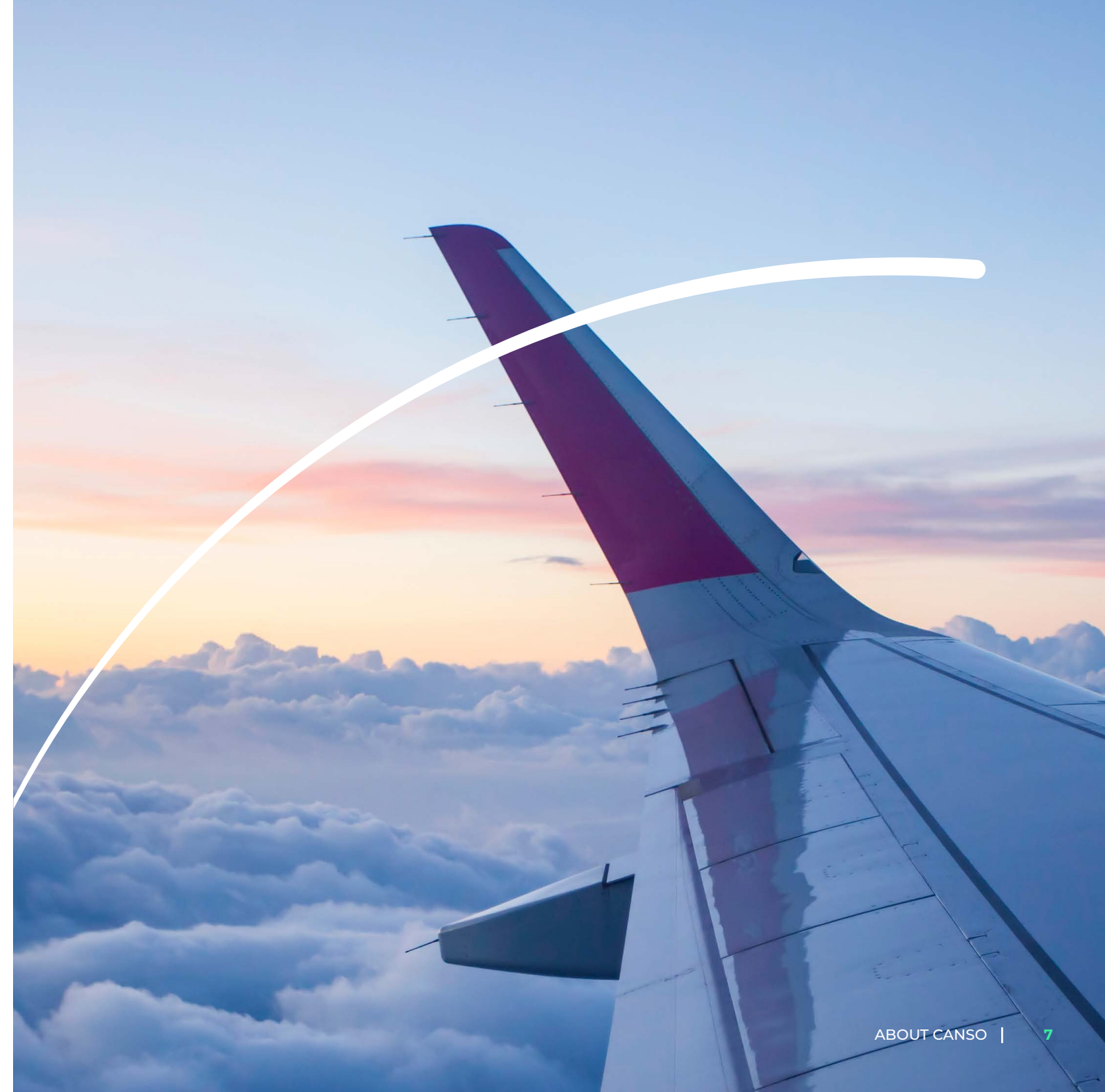
As the air traffic management (ATM) industry changes, so are CANSO members. Our members are taking on a range of new tasks and responsibilities as they prepare for a new generation of ATM technologies and major changes to the numbers and types of aircraft operations they support.

ANSPs are developing new operating models, transforming the ATM market place and developing its capabilities. Alongside, Associate Members are also developing new tools and technologies that are changing the nature of operations and expanding the scope for service delivery.

In addition, international aviation regulatory bodies are preparing new rules and procedures that will impact on the operations of

ANSPs both now and in the future, and new entrants to airspace are challenging the status quo for all.

It is essential that the ATM industry is able to respond to these developments, remain open to new practices and procedures and continue to influence its own future through proactive advocacy.



HOW WE DO IT

CANSO helps to shape the future of a safe, efficient and seamless airspace by creating a platform for members to:



BE HEARD

By governments, regulators and key stakeholders



BE INSPIRED

Take advantage of the **40+ publications** online and **160+ presentations** per year



BE INNOVATIVE

Showcase how your technology can help the industry and offer new ideas to common challenges



BE CONNECTED

Build your network through CANSO events, including our flagship event Airspace World and digital platforms to reach **20,000 people**



BE ACTIVE

Contribute to industry-defining best practice and thoughtleadership through CANSO events and workgroups

HOW WE DO IT

Through Advocacy

CANSO is an official Observer to the ICAO Council and to the Air Navigation Commission (ANC). Participation in ICAO panels enables CANSO to influence regulatory matters that affect our members. We represent the views of the industry in critical discussions on global standardisation and bring specialist knowledge and expertise to ICAO work programmes.

In turn, CANSO provides ICAO and the aviation industry with specialist knowledge and expertise and the constant level of cooperation required to harmonise global ATM.

CANSO is also a member of the NATO Aviation Committee, the senior civil-military NATO body, which advises the North Atlantic Council, NATO's principal political decision-making body, on aviation matters.

INDUSTRY PARTNERS

To provide a strong aviation industry voice, both within ICAO and beyond, CANSO actively collaborates across the industry. Through regular liaison we provide an ATM view on common positions for industry issues and are able to represent that consensus with a strong united industry voice.

CANSO MEMBER PARTICIPATION

CANSO welcomes member participation in ICAO panels, working groups, study groups and task forces and other global symposia or fora.


These offer a unique insight into future risks and opportunities enabling CANSO members to volunteer expertise to shape future aviation policies and legislation on behalf of the wider membership. More information can be found at canso.org/icao.

HOW WE DO IT

Through our Local Expertise

CANSO global membership covers all continents.

CANSO has five defined regions designed to support members across the world.

-  **AFRICA**
-  **ASIA PACIFIC**
-  **EUROPE**
-  **LATIN AMERICA**
-  **MIDDLE EAST**

CANSO's regions promote our vision of seamless and harmonised airspace, support members to implement global best practices and develop tailored regional plans and solutions to improve ATM performance in the region.

Our regions work in close partnership with equivalent regional organisations representing industry stakeholders including ICAO, States, airlines, airports and others.

Regional Activities are supported by Directors located in our regional offices in:

- > **BRUSSELS**
- > **SINGAPORE**
- > **JOHANNESBURG**
- > **MIAMI**



HOW WE DO IT

Through our Workgroups and Task Forces

Operating as part of CANSO's three standing committees, **Safety, Operations and Strategy and Integration** - CANSO's extensive range of workgroups and task forces bring together global experts to focus on specific functional areas of ATM. As a direct result of our highly productive work programme, CANSO offers a range of best practice guidance, reports and industry insight.

Together the work groups and task forces provide an objective environment for members to discuss and develop best practice, guidance and policies that improve safety, drive operational efficiency and solve business problems in an open, timely and predictable manner.



SAFETY STANDING COMMITTEE (SSC) PROGRAMME

The SSC Programme drives safety performance improvements in ATM operations, further enhances safety management and safety culture among CANSO Members and provides global leadership on safety management issues. ANSPs and the industry collaborate on best practices and benchmarking.



OPERATIONS STANDING COMMITTEE (OSC) PROGRAMME

The Operations Programme provides leadership on ATM operational issues and facilitates the promotion and exchange of industry best practice in operations and technical areas. It provides operational leadership in the implementation of ATM improvements and identifies future technologies and procedures that will help transform global ATM performance.



STRATEGY AND INTEGRATION STANDING COMMITTEE (SISC) PROGRAMME

The SISC Programme focuses on the strategic, institutional and regulatory aspects of air navigation services. It provides information and analysis on issues and trends affecting the air traffic management (ATM) industry developing common advocacy positions to shape the evolution of ATM.

The Programme also creates tools and guidance materials in governance, human resources, and management to help ANSPs become more customer-focused, better performing organisations.

HOW WE DO IT

Through Best Practice, Guidance and Reports

Through the collaborative activities of its workgroups and task forces, CANSO creates a variety of best practice, guidelines, reports and whitepapers.

These include best practice on implementing operational efficiencies and technology (such as PBN, ATFM and remote towers) and upholding safety standards; and reports on industry performance. CANSO also produces guidance on key issues such as navigating COVID-19, industry forecasting, and emerging technologies.

- **Artificial Intelligence**
- **Normal Operations Monitoring Toolbox**
A systemic approach to everyday safety
- **Incidents Investigation Toolbox**
- **Air Traffic Management Cybersecurity Policy Template**
- **Educated Guess**
Interpreting Traffic Forecasting during the pandemic
- **CANSO Guidance Material for Remote and Digital Towers**
- **CANSO GreenATM**
An environmental accreditation programme for ANSPs

HOW WE DO IT

Airspace World - CANSO's Flagship Event

Airspace World is the largest and most influential airspace and near-space management event in the world. The event owned and operated by CANSO gathers over **10,000** Attendees including ANSPs, suppliers, ATM professionals, innovators and new technology owners to a three day packed agenda of learning, connecting, collaborating, sharing, and business opportunities.

Our **200+** Exhibitors showcase, experience, educate and demonstrate developments and services that will enable us to create a global airspace that is safe, fair, intelligent and interoperable.

The event provides tailored networking opportunities in a business conducive environment that reaches thousands of colleagues and potential customers through an exciting and inspiring programme of events and demonstrations.

Airspace World, formerly World ATM Congress, has been at the heart of the global ATM community for nearly two decades. It brings together the entire aviation community to define our future skies. It is a global hub which enables people to raise the bar in ATM and build the most effective partnerships.

For more information visit airspaceworld.com.

HOW WE DO IT

Face to Face Global and Regional Conferences

CANSO hosts a range of global and regional conferences that bring the worldwide aviation community together to hear from out-of-industry experts as well as our own industry thought-leaders on topics vital to our work and business; covering future scenarios and insights ranging and inspirational solutions for today and tomorrow.

Our conferences provide the opportunity to reconnect with old colleagues and extend your network and build new relationships.

For full details on all our planned events visit canso.org/events.

SO hosts a number of face to face events which provide the opportunity to reconnect with old colleagues and extend your network and build new relationships.

Key Global events hosted by CANSO include an Executive Summit, Networking Cocktail, Annual General Meeting and World ATM Congress.

Full details of our events including how to register can be found on our website at [CANSO Events](https://canso.org/events).

Virtual Conferences

CANSO virtual conferences allow you to gain the same experience as a face to face conference without leaving home. Our virtual events offer you the opportunity to form relevant global networks and access exceptional global content in a safe manner, whilst travel restrictions remain in place.

HOW WE DO IT

Webinars

Web-based Events

CANSO regularly hosts webinars to bring the worldwide aviation community together to hear from out-of-industry experts as well as our own industry thought-leaders on topics vital to our work and business; covering future scenarios and wide ranging insights and inspirational solutions for today and tomorrow.

CANSO Academy

CANSO brings together industry innovators and pioneers to explore the latest best practice and initiatives that are shaping our skies at a global, regional and local level. This includes offering unparalleled insight and practical advice on the latest guidance material and lessons-learned from world-leading projects.

Sponsored Webinars - Brought to You by CANSO

Members can host their own sponsored webinars to showcase their expertise, educate the market, engage with their target market and develop business leads.

Sponsors can share their insights and present on key topics or solutions. For more information contact Richard.Hijnekamp@canso.org.

CANSO Regional Focus

CANSO unites senior ANSP executives, experts and suppliers to advance ATM, sharing best practice and industry solutions, and addressing topics of interest to their region and market. Includes our regional conferences, webinar series and workshops, designed specifically for the Africa, Europe, Latin America and Caribbean, and the Middle East regions.

HOW WE DO IT

Through Industry Intelligence

AIRSPACE

airspace is CANSO's global magazine for air traffic management (ATM) and its key players. Published quarterly, it is written by industry experts and features interviews with top managers and thought-leaders. It not only explores important ATM issues with regard to safety, operations, policy and technology, but also provides readers with unparalleled insight into the latest issues and developments and in-depth analysis.

All previous issues can be viewed online at canso.org/publications/airspace-magazine.

airspace

ATM NEWS

ATM News is our weekly digital newsletter, which is emailed to **over 8,000** subscribers from around the world. Based on news from CANSO and CANSO members, it provides ATM industry intelligence on key developments and improvements to airspace, major initiatives and new contracts.

ATM News items can also be found online at canso.org/news-and-views.

CANSO BLOGS

CANSO blogs are the voice of the industry. They offer thought-leadership, raising the profile of industry key players and spark discussion and debate.

All blogs can be viewed online at canso.org/category/blog.

HOW WE DO IT

Partnership Initiatives and Activities

CANSO GREENATM

CANSO GreenATM is an environmental accreditation programme to provide Air Navigation Service Providers (ANSPs) with an independent, industry-endorsed, accreditation of their environmental efforts. Through the programme, ANSPs are assessed with respect to their direct environmental impact, as well as their efforts to facilitate the reduction of emissions by airspace users.

Join GreenATM to showcase your organisation's positive environmental initiatives and develop further steps to enhance your contribution.

For more information visit canso.org/publication/canso-guide-to-green-atm-accreditation.



ASBU IMPLEMENTATION TRAINING

The comprehensive training programme Methodology and Best Practices for ASBU Implementation has been designed to provide members of the global aviation community with a common understanding of the ICAO Aviation System Block Upgrades methodology. The course is indispensable for those involved in ATM systems planning and modernisation programmes, and provides insight into key implementation issues such as how to identify gaps between current ATM and ASBU capabilities; and how to develop a business case to support investment decisions.

For more information visit mai.mitrecaasd.org/MITREMAI/block_course/overview.cfm.

AIRPORT SYSTEM CAPACITY ENHANCEMENT PROGRAMME (ASCE)

The ASCE is a new collaboration between CANSO and ACI World designed to support ANSPs and Airports in meeting the capacity challenge of airports as traffic levels increase, ensuring that capital investment plans are structured to support the accelerated delivery of improvements.

Under the programme, CANSO and ACI will bring together experts from both ANSPs and Airports to conduct a review of a specific airport ecosystem to identify any opportunities to enhance and optimise the usage of the available ground and airspace capacity.

After the peer review, CANSO and ACI will connect the ANSP or airport operator to experts to help implement any recommended changes.

MICRO-TRAINING COURSES

CANSO and INFINA are partnering to offer micro-learning courses to the aviation community worldwide.

The micro-learning courses are based on ICAO standards, and industry instructional design standards and best practices. The micro-learning courses have been successfully used by ATC managers, supervisors and controllers, and by technical operations personnel across the USA who engineer, install, and maintain communications, navigation, and surveillance (CNS) technology for the aviation sector.

The courseware is designed to be delivered on multiple platforms and is suitable for online - live-streaming, video, PowerPoint, gaming technology - and in-person classroom style delivery.

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