

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

89

industry innovators



Collaborates with

87

ANSPs 1 intermediate



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.

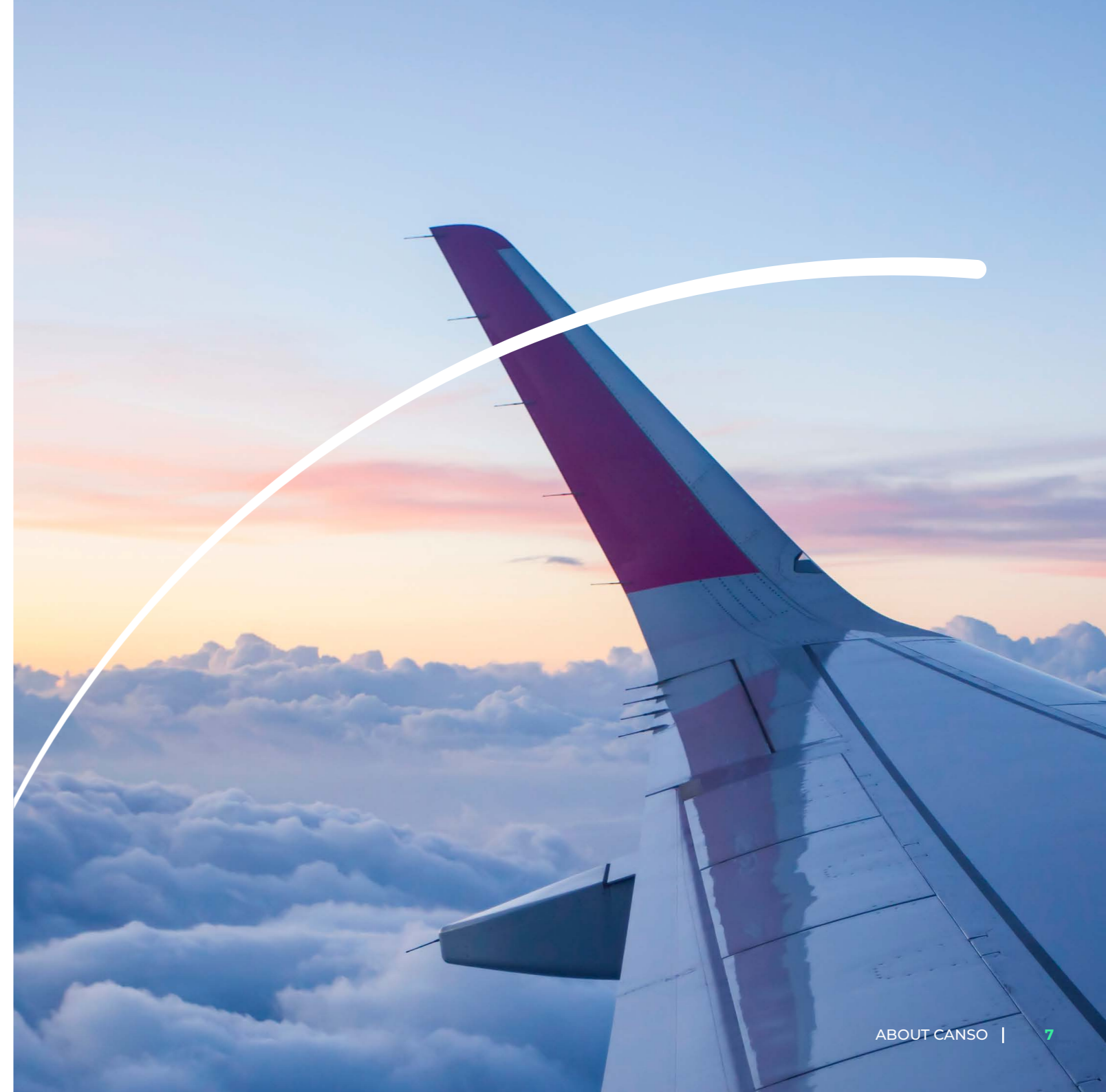
As the air traffic management (ATM) industry changes, so are CANSO members. Our members are taking on a range of new tasks and responsibilities as they prepare for a new generation of ATM technologies and major changes to the numbers and types of aircraft operations they support.

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 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.

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 glimpse at what the future holds and enable CANSO members to volunteer expertise and share views on potential policies, legislative issues and other points of interest, on behalf of the wider membership. More information can be found at canso.org/icao.

HOW WE DO IT

Through our Local Expertise

CANSO has five regions which support members. 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.

-  AFRICA
-  ASIA PACIFIC
-  EUROPE
-  LATIN AMERICA AND CARIBBEAN
-  MIDDLE EAST



HOW WE DO IT

Through our Workgroups and Task Forces

CANSO workgroups and task forces bring together global experts to focus on specific functional areas of ATM. Operating as part of CANSO's three standing committees – **Operations, Safety and Strategy and Integration** – they provide an objective environment for members to address issues of common interest, exchange views and experience of best practice, and develop new best practice, guidance and reports across a broad spectrum of issues.

The work done by our members in work groups and task forces help to improve safety, drive operational efficiency and solve business problems.



SAFETY

- Safety Intelligence Workgroup (SIWG)
- Human Performance Management Workgroup (HPMWG)
- Cyber Safety Task Force (CSTF)
- Next Generation SMS Workgroup (NexSMS)



OPERATIONS

- Air Traffic Flow Management/ Airport-Collaborative Decision Making Workgroup (ATFM/A-CDM WG)
- ATM Data Exchange Network for Cooperative Excellence Task Force (CADENCE TF)
- Aeronautical Information Management Workgroup (AIM WG)
- Data Link Implementation Task Force (DLI TF)
- Environment Workgroup (ENV WG)
- Operational Performance Workgroup (OP WG)
- Performance-based Navigation Workgroup (PBN WG)
- Unmanned Aircraft Systems and Emerging Technology Workgroup (UAS/ET WG)
- Smart/Digital Tower Task Force (SDT TF)
- Unmanned Aircraft Systems (UAS) Traffic Management (UTM) Task Force (UTM TF)
- System Wide Information Management (SWIM) Workgroup (SWIM WG)



STRATEGY AND INTEGRATION

- Acquisition Excellence Workgroup (AEWG)
- Global Benchmarking Workgroup (GBWG)
- Strategic Technology Workgroup (STWG)
- Human Resources Workgroup (HRWG)
- Operational Training Task Force (OTTF)
- ICAO Affairs Task Force (IATF)

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**

HOW WE DO IT

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.

Face to Face Conferences

Once the world opens up again, CANSO face to face conferences allow you the same benefits as our virtual conferences, but will enable you to reconnect with old colleagues and new faces from across our industry.

Details of all CANSO events can be found on the [CANSO website](#).

HOW WE DO IT

Webinars

In 2020 CANSO hosted over 60 webinars on a range of topics that allowed members to share expert advice and knowledge in the aviation industry with informative, stimulating and educational content. You are invited to utilise this platform to host your own webinar and showcase your expertise, educate the market, engage your key target market and grow your business leads.

You can find details on past webinars on [» Events | CANSO](#)

CANSO Global Conversations

CANSO brings 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; from future scenarios and insights, to inspirational solutions for today and tomorrow. The series includes our global summits and executive level webinar series.

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.

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.

CANSO Expert Insight

CANSO offers a platform for industry experts to explore the hottest topics in aviation, including live and exclusive interviews with the industry's brightest minds and sharpest talent.

CANSO ATM Solutions

Gain access to live and on-demand sessions on some of the most exciting developments and new technologies in aviation. Open to all in the industry, these highlight fresh thinking and new solutions for safe, efficient and sustainable aviation.

HOW WE DO IT

Partnership Events and Activities

WORLD ATM CONGRESS

World ATM Congress combines a large-scale exhibition, world-class conference, and premier networking opportunities with the chance to learn about the latest air traffic management trends and developments. A CANSO partnership with ATCA the event is organised for the industry, by the industry, and is backed by leading air navigation service providers and industry suppliers. World ATM Congress takes place annually in March at IFEMA in Madrid.

For more information visit worldatmcongress.org/ome.



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.

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.

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