

## Market leaders in ATM modernisation

Founded in 2007, the SESAR Joint Undertaking (SESAR JU) is the public-private partnership responsible for the European ATM Master Plan and SESAR R&D. Founded by the European Union and Eurocontrol, the SESAR JU unites 19 leading industry actors, who together with their partners and affiliate associations represent over 100 companies working in Europe and beyond. The SESAR JU also works closely with staff associations, regulators, airport operators, airspace users and the scientific community.



## Want to collaborate? Contact us!

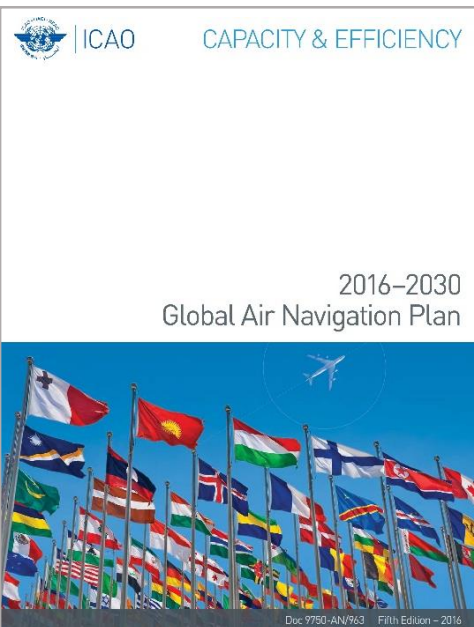
The SESAR JU has cooperation arrangements with individual states worldwide. These arrangements can cover sharing lessons learnt, knowledge and expertise, and cooperating on activities related to ATM modernisation.

### For more information, contact:

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# SUPPORTING GLOBAL COOPERATION IN AVIATION





## Europe in the world: committed to global interoperability

Europe is committed to **global interoperability** and **harmonisation**, recognising these as vital prerequisites for a **safe, secure, efficient** and **sustainable global air traffic management (ATM) system**.

That is why European actors actively support the work of the **International Civil Aviation Organization's (ICAO)**, and contribute to the development of the **Global Air Navigation Plan (GANP)** with the **Aviation System Block Upgrades (ASBUs)**.

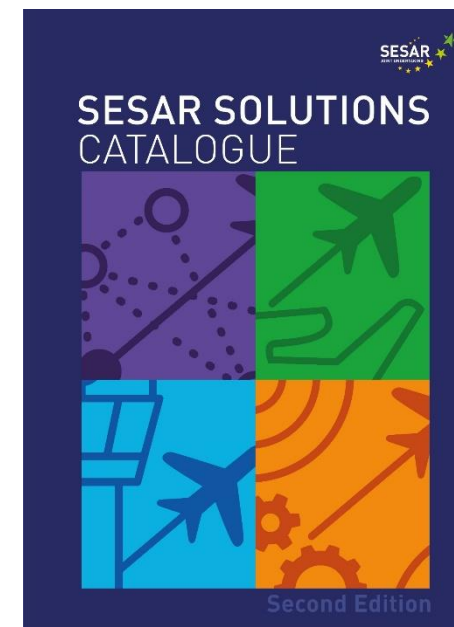
## Delivering globally relevant solutions

The **SESAR Solutions Catalogue** is a **one-stop-shop** to browse the technologies and procedures so far delivered by SESAR, as well as those that are in the pipeline.

The Catalogue contains **solutions** for all areas of air traffic management, from **airport operations** and **air traffic services**, to **network operations** and the underlying **technology enablers**.

These solutions are **designed in full accordance with the ICAO GANP** and are therefore **applicable to ATM environments worldwide**.

<https://www.sesarju.eu/activities-solutions>



## SESAR: a leading collaborator in global alignment

**SESAR**, the technological pillar of the EU's Single European Sky policy, is a recognised **leader in advancing global interoperability in aviation**.

SESAR **defines, develops** and **deploys** technologies to **transform ATM in Europe**. It is guided by the **European ATM Master Plan**, a **collaboratively-agreed** roadmap for ATM modernisation.

The plan establishes a common European vision and strategy **among all stakeholders** in the aviation value chain on the **why, what** and **when** for Europe's research and development activities, and technology roll-out.

Thanks to its **alignment of timing and processes**, the plan also serves as a basis for collaboration with international partners, including inputs into the ICAO GANP.



## Areas for potential collaboration with international partners



**High-performing airport operations**, including total airport management, remote towers, runway throughput capabilities, navigation and routing tools, airport safety alerts for controller & pilots



**Advanced air traffic services**, including time-based separation & European wake vortex re-categorisation (RECAT-EU), better sequencing of traffic, automation support tools, integration of all vehicles



**Optimised network operations**, including dynamic collaborative tools to manage ATC airspace configuration (sectors), and civil-military collaboration for greater predictability and management of operations & airspace use



**Enabling infrastructure**, including CNS integration to facilitate economies of scale & seamless service delivery; and system-wide information management governance, architecture and technology solutions & services for information exchange



**Drone integration**, covering technologies and service solutions to support complex drone operations with a high degree of automation in all types of airspace, including urban areas