



SHAPING EUROPE'S ATM

a6
Alliance

GO AHEAD WITH COMBINED STRENGTH



The A6 Alliance, founded by the ANSP members of the SESAR Joint Undertaking (SJU), is an **inclusive coalition of ANSPs** across Europe who are committed to helping modernise the European ATM system. The aim of the A6 Alliance is **to identify and synchronise the key capabilities** of its members, and deploy them to best effect to deliver customer and network benefits. The A6 Alliance also provides leadership at a European level in critical technical and strategic areas.

The A6 Alliance pushes forward the SES ATM Research Programme (SESAR) started by the EU Commission in 2006. The A6 Alliance is part of the **SJU** which focuses on research and development as well as of the **Deployment Manager** that focuses on the deployment of common SESAR solutions.

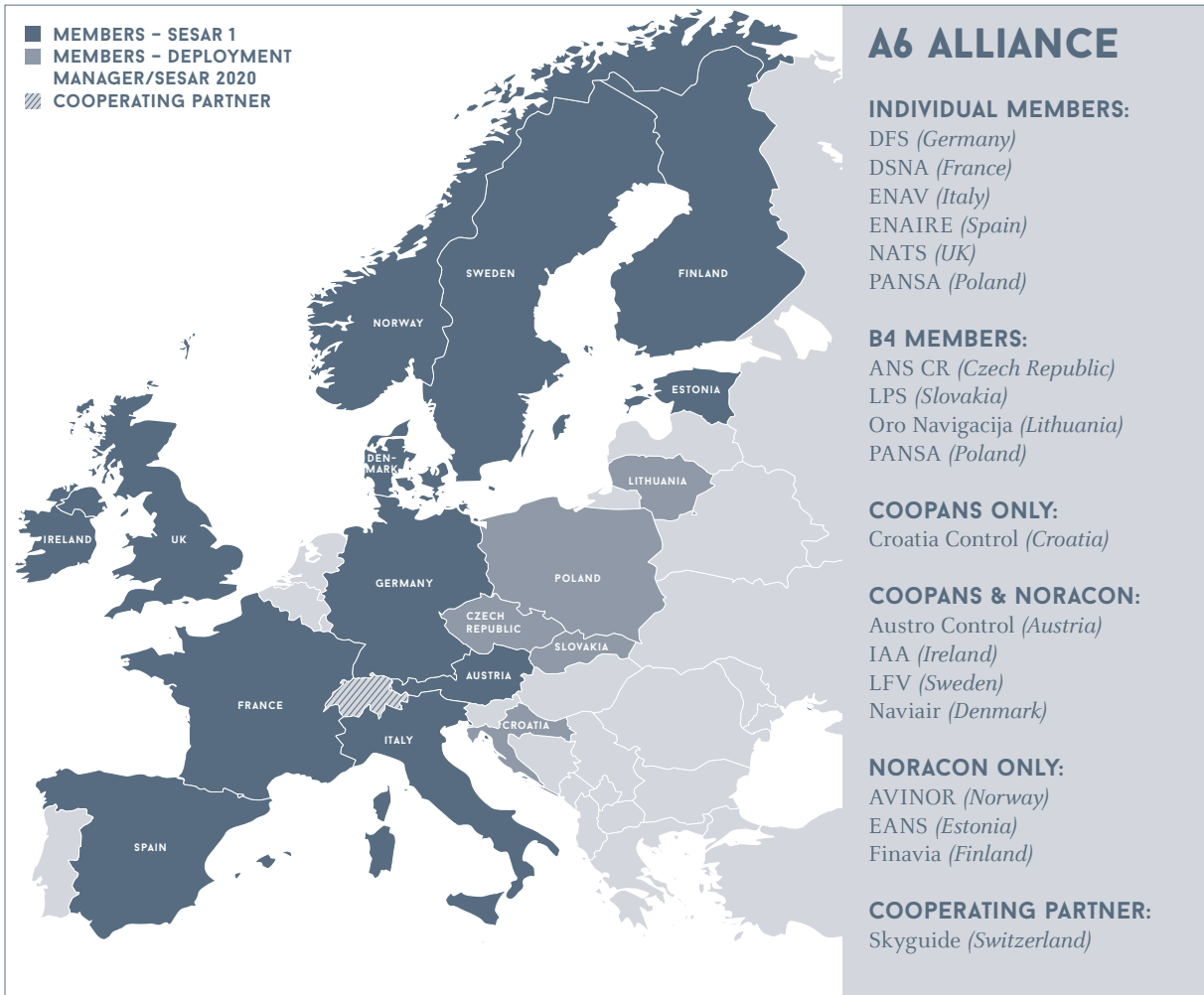
The A6 Alliance was **founded in 2011** by the six ANSP members of the SJU – DFS, DSNA, ENAIRE, ENAV, NATS and NORACON, a consortium including Austro Control, AVINOR, EANS, Finavia, IAA, LFV and Naviair. In July 2015 the **A6 Alliance expanded**. It now also includes PANSO (full member), the COOPANS Alliance (for work associated with Deployment Manager and SESAR 2020) and the B4 consortium members (for work associated with SESAR 2020). The A6 Alliance has reached a collaboration agreement with Skyguide in relation to SESAR 2020 R&D activities.

Today, the members of the A6 Alliance control **more than 80% of EU air traffic**. And they are responsible for more than 70% of the investment in the future air traffic management infrastructure.

MAKING SESAR A SUCCESS

The A6 Alliance plays a leading role in the SESAR Programme.

- Participation in more than 200 R&D projects
- A6 Alliance members have managed 6 work packages, 120 projects and more than 180 validation exercises
- More than 1200 people from the A6 Alliance members have been involved as contributors to SESAR activities from the outset
- A6 Alliance has contributed about 200 million Euro to SESAR R&D so far



SESAR RESULTS ALREADY BRINGING ABOUT BENEFITS

Since the launch of SESAR, very significant results have been achieved: so far, 25 SESAR solutions are ready to be deployed. The A6 Alliance has led the

ANSP contribution to the first SESAR development phase by validating the SESAR solutions.



17 SESAR solutions have already been put into operation for example:

- Arrival management and point merge
- Time-based separation
- User-preferred routing
- Enhanced STCA with down-linked parameters



7 SESAR solutions are partially deployed, for example:

- Multi-sector planning
- Continuous descent operations
- Free route



18 SESAR solutions will be deployed in the coming years, for example:

- Single remote tower operations for medium traffic volumes
- Arrival management for multiple airports
- Automated support for traffic complexity detection and resolution
- Integration of target time in flow management



The A6 Alliance will continue to **play a significant role** in SESAR 2020 starting from 2016:

- The A6 Alliance will participate in all the 28 projects, and will ensure the completion of 34 new SESAR solutions
- Ten of the projects will be led by A6 Alliance members



COOPERATING
PARTNER:



MORE INFORMATION

www.a6alliance.net