

SESAR CASE STUDY

Digitally transforming European airspace.

Overview

The SESAR programme drives innovation within aviation through new concepts and technologies, uniting European resources to modernise, harmonise and digitalise European airspace. Since SESAR started in 2005, we have acted on behalf of industry leaders such as EUROCONTROL, NATS, PANSAT and the COOPANS alliance, helping shape the future of aviation.

Challenge

The SESAR programme transforms the fragmented national-level system of isolated change projects into a collaborative pipeline of operational and technical improvements. This requires balancing stakeholder needs and expectations, maximising capacity whilst also managing the environmental impact and preparing for new airspace users without compromising safety.

Specific Issues

• Managing stakeholders

Due to the large number of stakeholders from a range of industries, it is important to coordinate their input to ensure they are heard and deliver required contribution.

• Ensuring value from data collection

Foresight of the various expectations on reported evidence and effective reactions to last-minute problems are essential to extracting full value from expensive validation exercises.

• Planning for dependencies

Understanding the information flows between activities and sequencing of deliverables is necessary to establish workable timelines for delivery.

Solution

Approach

We support client partners deliver targeted outcomes; both from the client's and the programme's perspective. Because our team is highly multi-disciplined, we can deploy specialised expertise precisely when and where it is needed. This ensures a seamless, integrated approach to problem-solving, with capabilities spanning safety and human performance expertise, all the way to validation specialists and regulatory professionals.

Our Impact

Our credibility within SESAR is well-known to regular contributors, stemming from the depth of our understanding and the consistent high quality of our deliverables. We leverage our technical and programme knowledge to enable clients to deliver on their commitments with greater efficiency and avoid common pitfalls that can incur delays. We quickly build trusting relationships within the internal project team, removing the potential inefficiency of utilising external support.