

MODERNISING AIR TRAFFIC MANAGEMENT AS ONE

SESAR deployment **benefits are being delivered** thanks to thousands of people working at more than 100 European aviation partners. Airports, Airlines, Air Navigation Service Providers, Meteorological Service Providers and Military stakeholders working together as **one team**. One team coordinated and synchronised by the SESAR Deployment Manager in order to timely deliver **modern and digital Air Traffic Management in Europe**.

230

projects out of 341 are in operation bringing benefits to passengers*

On passengers time WE SAVE:



96m
minutes



3.7bn
euro

Cumulated minutes saving of first 230* completed projects

851,000
flight's average time



On the environment WE SAVE:



1.1m
tons of fuel

Cumulated Fuel equivalent savings of first 230* completed projects

189,000
flight's average fuel consumption



3.4m
tons of CO₂

Cumulated CO₂ savings of first 230* completed projects

7,148,000
trees



960m
euro

EVOLUTION OF BENEFITS

€ 4.7bn

230* completed projects



€ 12bn

341 projects coordinated by SDM (On-going monitoring)



€ 15.7bn

CP1

A STRONG PARTNERSHIP BEHIND ATM MODERNISATION

On 1/06/2022, the SESAR Deployment & Infrastructure Partnership (SDIP) was officially mandated by the European Commission in the role of **SESAR Deployment Manager**.

This new and strong partnership represents all perspectives and standpoints of the stakeholders involved in SESAR deployment:

- **4 Airlines:** covering 3 million flights with around 500 million passengers per year (one third of the overall European passengers);
- **14 Air Navigation Service Providers:** controlling around 80% of flights in the European Union, as well as all major traffic flows operated in Europe, so around 8 million flights per year;

- **Airports:** ACI Europe representing over 500 airports across 55 countries, able to provide the full airport operational perspective;
- **EUROCONTROL Network Manager:** the best placed to provide a network-wide view, both in terms of technological deployment but also in terms of operational interoperability to ensure seamless functioning of the European ATM network.

The SESAR Deployment Manager role and function is defined by the Article 9 of European Commission Implementing Regulation (EU) N°409/2013. Under the oversight of the European Commission, this function consists of the synchronization and the coordination of the deployment of the most essential operational changes in the European ATM Master Plan by the Member States of the European Union and their operational stakeholders.

Bringing Europe closer to a Digital Single European Sky

(In cooperation with EUROCONTROL/Network Manager)

Data Link Services (DLS)

Digital exchange of information between aircraft and ground

DLS equipped flights in Europe:

40%
2018



80%
2022



Automatic Dependent Surveillance - Broadcast (ADS-B)

Developing real-time tracking of planes, complementing radar

ADS-B Implementation Status in Europe:

90%
2022



25%
2018



Synchronising & coordinating deployment of Air Traffic Management modernisation projects in Europe:



68%

of the Common Project One (CP1) deployment completed or in progress



341

ATM modernisation projects spread over 6 ATM functionalities:
• 230* completed
• 111 ongoing



2.7bn

Total investment in euro, consisting of:
• 1.3 billion euro of grants
• 1.4 billion euro of industry investment

SESAR Deployment Manager is coordinating 7 Actions with:



93

Action beneficiaries in...



27

EU Member states and...



8

Third countries.

