

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, the Network Manager and Military stakeholders working together **as one team**. One team coordinated and synchronised by the SESAR Deployment Manager to increase connectivity and cohesion throughout Europe, and to timely deliver modern and digital Air Traffic Management in Europe.

300

projects out of 356 are in operation
bringing benefits to passengers*

On passengers' time
WE SAVE:



259.8 m
minutes



11.6 bn
euro

On the environment
WE SAVE:



4.3 m
tons of fuel



13.6 m
tons of CO₂



5.1 bn
euro

Cumulated minutes saving of first
300* completed projects

2.3 m
flight's average time



Cumulated fuel equivalent savings
of first 300* completed projects

678 k
flight's average fuel consumption



Cumulated CO₂ savings of
first 300* completed projects

28.3 m
trees



EVOLUTION OF BENEFITS

€ 16.8 bn

300* completed projects

€ 24.2 bn

348 projects coordinated by
SDM (ongoing monitoring)

€ 34.2 bn

Common Project One (CP1)

AS ONE TEAM BEHIND ATM MODERNISATION

A strong partnership stands behind SESAR Deployment Manager. It 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);
- **15 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.

COMMON PROJECT ONE

Common Project One or CP1 is a European regulation that sets out essential requirements for the implementation of air traffic management (ATM) functionalities to enhance the performance of the European aviation system.

It specifically identifies key digital technologies and procedures for deployment to ensure interoperability and consistency among EU Member States.



EVERY
€1
INVESTED IN CP1
MODERNISATION
= **4.3 kg CO₂**
SAVED

CONTRIBUTION TO EU GREEN DEAL

CP1 covers **13% of the CO₂ reduction** of all Air Traffic Management related measures currently taken by the Aviation industry to contribute to the 2030 decarbonisation objectives of the **European Green Deal**.

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



85%

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



356

ATM modernisation projects spread over 6 ATM functionalities:
• 300* completed
• 56 ongoing



3.1 bn

Total investment in euro, consisting of:
• 1.5 billion euro of grants
• 1.6 billion euro of industry investment

SESAR Deployment Manager is coordinating 9 Actions involving:



105

Action beneficiaries



26

EU Member states



9

Third countries

