

# SESAR DEPLOYMENT DELIVERS BENEFITS



for European passengers, citizens and economies

SESAR deployment saves trees, fuel, money and time for YO(E)U while digitalising the European sky and supporting the sustainable growth of air traffic at an affordable cost, reducing environmental impact and increasing safety.

We are supporting the European Green Deal by modernising and digitalising Air Traffic Management and improving air mobility in a sustainable way.



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

**On passengers time**  
we save:

**On the environment**  
we save:

By 2030



**29,2m**  
minutes



**1,2bn**  
euro



**540k**  
tons of fuel



**1,7m**  
tons of CO<sub>2</sub>



**430m**  
euro

Cumulated minutes saving of first 200\* completed projects

**265,000**  
flight's average time



Cumulated Fuel equivalent savings of first 200\* completed projects

**85,000**  
flight's average fuel consumption



Cumulated CO<sub>2</sub> savings of first 200\* completed projects

**3,500,000**  
trees



## Evolution of benefits

**€1,6bn**  
200\* completed projects

**€11,2bn**  
341 projects coordinated by SDM

**€15,7bn**  
CP1



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#SESARdelivers #SESAR

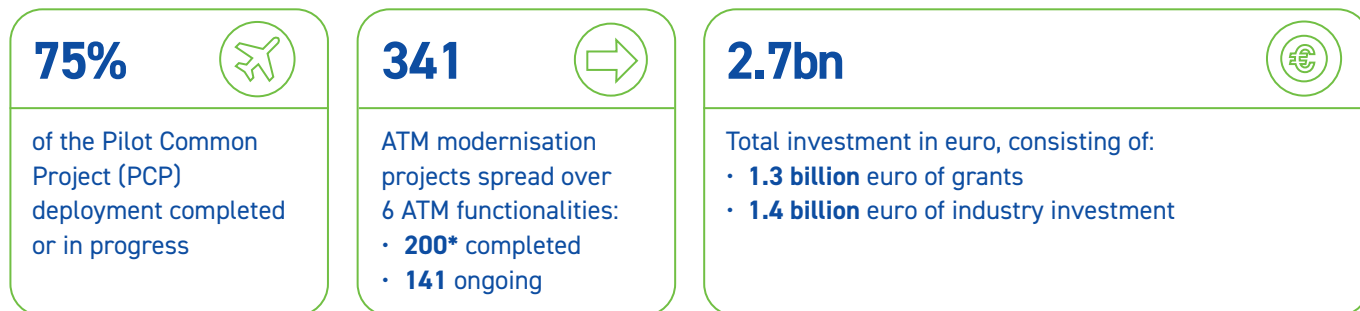


Funded by the European Union

\*200 projects completed by December 2021.

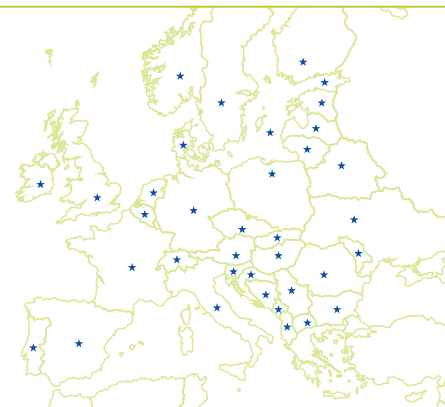
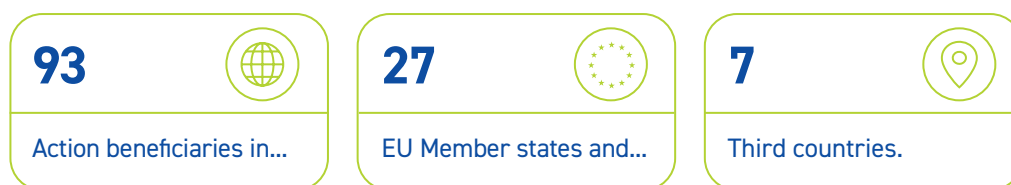
All figures in this fact sheet have been recalculated to take into account the impact of the COVID-19 crisis on SESAR deployment in Europe.

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



## Action coordinator

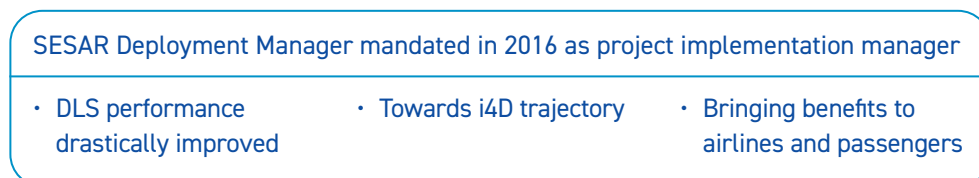
Coordinating 8 Actions with:



## Bringing Europe closer to a Digital Single European Sky

### Data Link Services (DLS)

Providing digital exchange of information between aircraft and ground

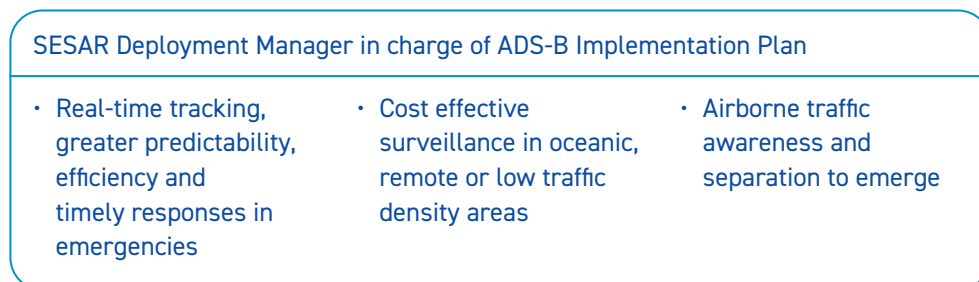


DLS equipped flights in Europe:



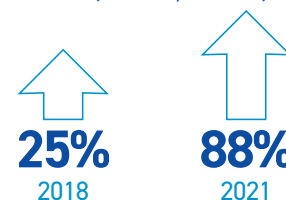
### Automatic Dependent Surveillance - Broadcast (ADS-B)

Developing real-time tracking of planes, complementing radar



ADS-B Implementation Status in Europe:

EU27+4 registered fleet, Version Number 2 (ED-102A/ D0260B)



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