

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.



190 projects out of 343 are in operation bringing benefits to passengers

On passengers time
we save:

On the environment
we save:

By 2030



27,3m
minutes



1,1bn
euro



500k
tons of fuel



1,6m
tons of CO₂



400m
euro

Cumulated minutes saving of first 190* completed projects

250,000
flight's average time



Cumulated Fuel equivalent savings of first 190* completed projects

80,000
flight's average fuel consumption



Cumulated CO₂ savings of first 190* completed projects

3,300,000
trees



Evolution of benefits

€1,5bn
190* completed projects

€12bn
343 projects coordinated by SDM

€16bn
CP1



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#SESARdelivers #SESAR

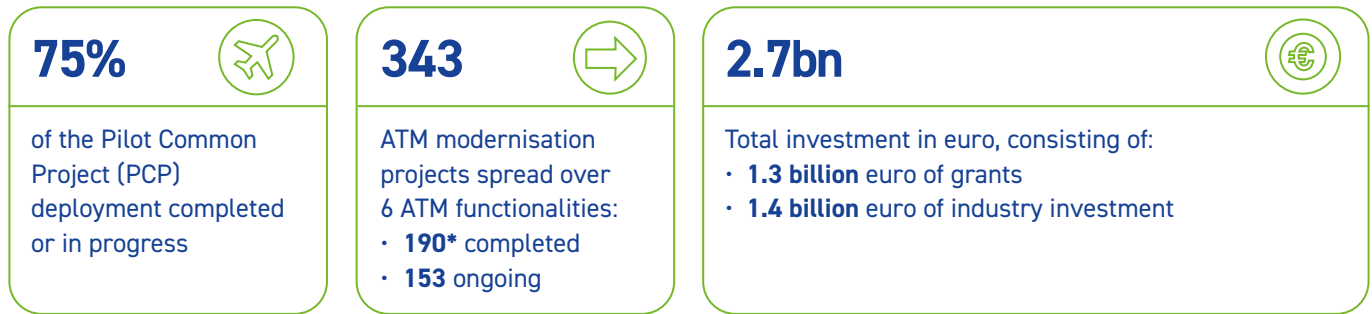


Funded by the European Union

*189 projects completed by May 2021.

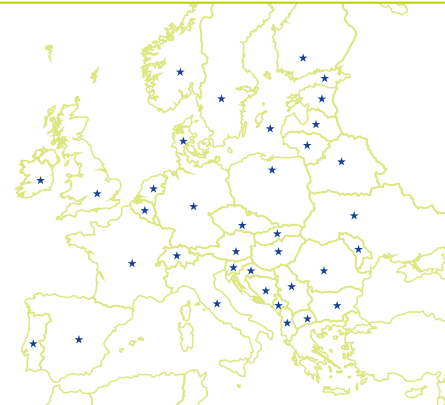
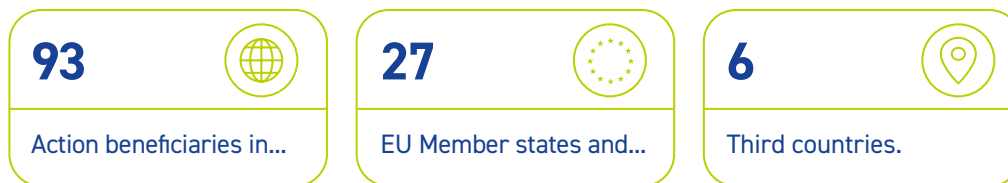
All figures in this fact sheet have been recalculated to take into account the impact of the COVID-19 crisis on SESAR deployment in Europe.

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



Action coordinator

Coordinating 7 Actions with:



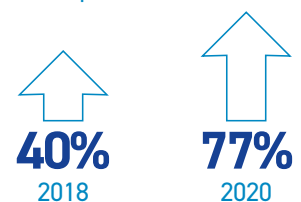
Bringing Europe closer to a Digital Single European Sky

Data Link Services (DLS)

Providing digital exchange of information between aircraft and ground

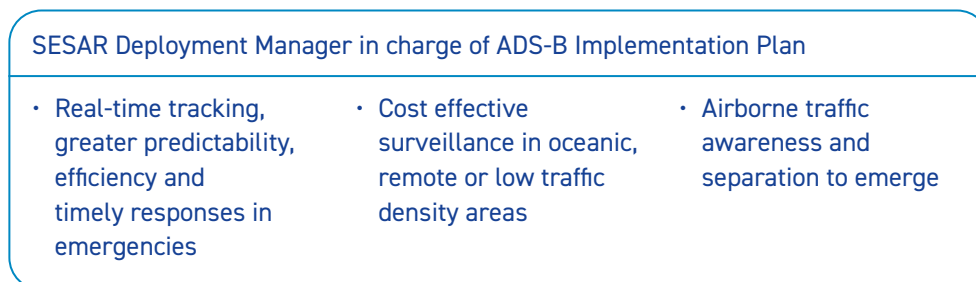


DLS equipped flights in Europe:



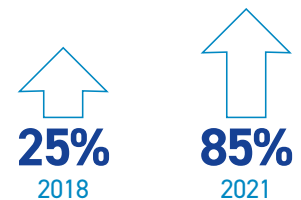
Automatic Dependent Surveillance - Broadcast (ADS-B)





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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