SESAR DEPLOYMENT DELIVERS BENEFITS

for European passengers, citizens and economies

SESAR DEPLOYMENT MANAGER

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

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

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

On passengers time we save:

On the environment we save:

By 2030

13,5m minutes	**555m** euro	**280k** tons of fuel	**880k** tons of CO$_2$	**220m** euro

Cumulated minutes saving of first 155* completed projects

120,000 flight's average time

Cumulated Fuel equivalent savings of first 155* completed projects

44,000 flight's average fuel consumption

Cumulated CO$_2$ savings of first 155* completed projects

1,800,000 trees

Evolution of benefits

€775m 155* completed projects

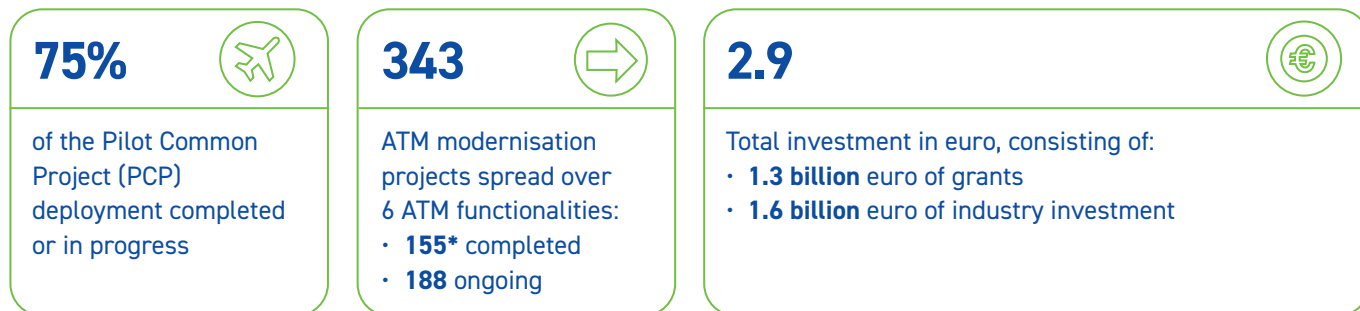**€12bn** 343 projects coordinated by SDM

€16bn CP1

Funded by the European Union
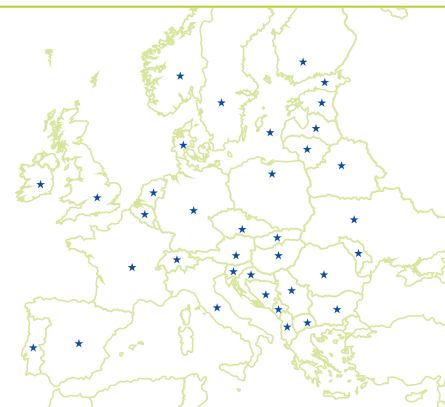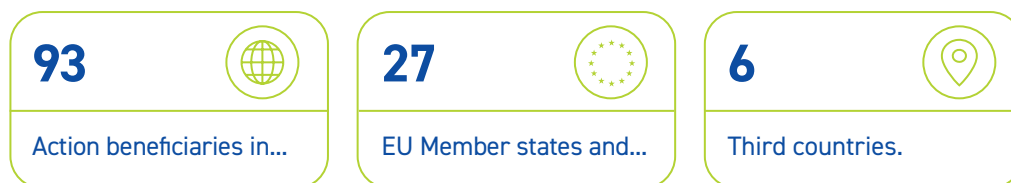
*155 projects completed by November 2020
All figures in this fact sheet have been recalculated to take into account the impact of the COVID-19 crisis on SESAR deployment in Europe.

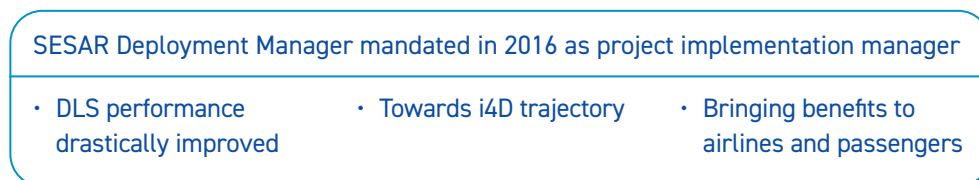# Synchronising & coordinating deployment of Air Traffic Management modernisation projects in Europe:

75%
of the Pilot Common Project (PCP) deployment completed or in progress

343
ATM modernisation projects spread over 6 ATM functionalities:
- **155*** completed
- **188** ongoing

2.9
Total investment in euro, consisting of:
- **1.3 billion** euro of grants
- **1.6 billion** euro of industry investment

Action coordinator
Coordinating 7 Actions with:

93
Action beneficiaries in...

27
EU Member states and...
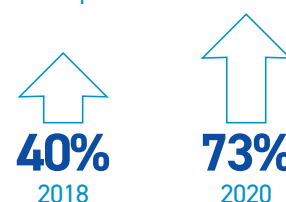
6
Third countries.

Bringing Europe closer to a Digital Single European Sky

Data Link Services (DLS)
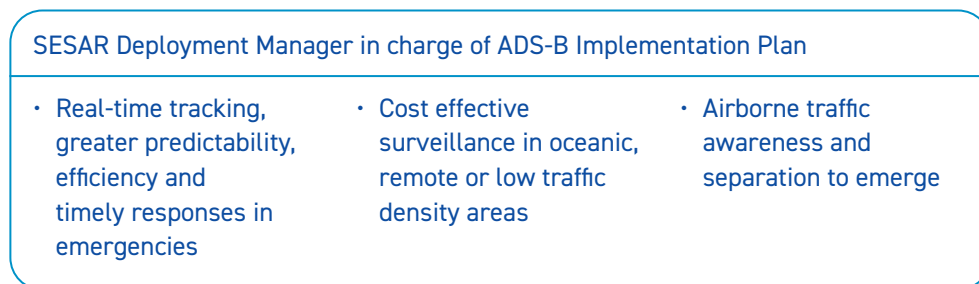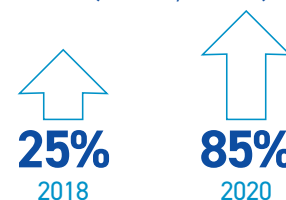Providing digital exchange of information between aircraft and ground

SESAR Deployment Manager mandated in 2016 as project implementation manager

- DLS performance drastically improved
- Towards i4D trajectory
- Bringing benefits to airlines and passengers

DLS equipped flights in Europe:

40% 2018

73% 2020

Automatic Dependent Surveillance - Broadcast (ADS-B)
Developing real-time tracking of planes, complementing radar

SESAR Deployment Manager in charge of ADS-B Implementation Plan

- Real-time tracking, greater predictability, efficiency and timely responses in emergencies
- Cost effective surveillance in oceanic, remote or low traffic density areas
- Airborne traffic awareness and separation to emerge

ADS-B Implementation Status in Europe:
EU27+4 registered fleet, Version Number 2 (ED-102A/ DO260B)

25% 2018

85% 2020

*155 projects completed by November 2020
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