SESAR Deployment Manager
is delivering performance
for European passengers, citizens and economy

Ensuring European air traffic management (ATM) **can cope with the rapid growth of air traffic** at an **affordable cost**, while **increasing safety** and **environmental protection**

100* projects out of 349 are in operation (representing 10% of the investment) **bringing benefits to passengers**

Measuring performance of ATM in 6 key areas:
- **capacity**
- **operational efficiency**
- **service cost**
- **environment**
- **safety**
- **security**

On **capacity**
we save

	minutes of delay		euro
in 2019	**363,000** minutes of delay	→	**10 million** euro
by 2030	**6,2 million** minutes of delay		**178 million** euro

On the **environment**
we save

	tons of fuel	tons of CO$_2$	euro
in 2019	**12,000** tons of fuel	**38,000** tons of CO$_2$	**10 million** euro
by 2030	**166,000** tons of fuel	**522,000** tons of CO$_2$	**134 million** euro

CO$_2$ savings of first 100** completed projects = **1,000,000 trees**

Projects currently coordinated by SESAR Deployment Manager are expected to generate

€ 10 billion

in 2014-2030

On **operational efficiency**
we save

	flight minutes		euro
in 2019	**738,000** flight minutes	→	**29 million** euro
by 2030	**12 million** flight minutes		**484 million** euro

SESAR DEPLOYMENT MANAGER

@SESAR Deployment Manager   @SESAR_DM   #SESAR
SESARDEPLOYMENTMANAGER.EU

Funded by the European Union

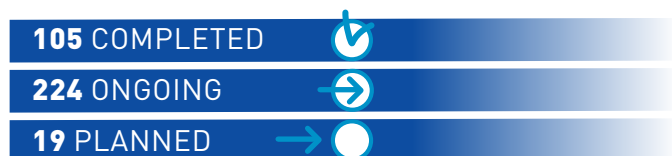*February 2019 | **Between February 2019 and end 2030 many more projects will be completed.

Synchronizing & coordinating deployment of Air Traffic Management modernization projects in Europe:
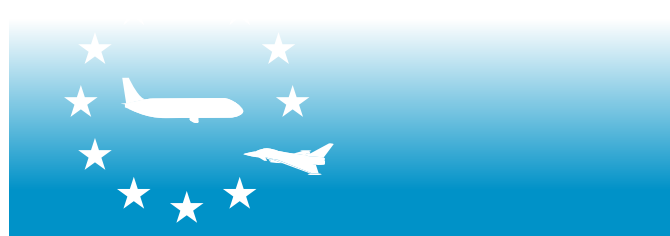
71% of the Pilot Common Project (PCP) deployment completed or in progress

349 ATM modernization projects spread over **6 ATM functionalities**:

- **105** COMPLETED
- **224** ONGOING
- **19** PLANNED

2,9 billion euro **of investment**

1,3 billion euro **of grants**

Action coordinator
Coordinating **8 Actions** with:

- **94** ACTION BENEFICIARIES IN
- **27** EU MEMBER STATES AND
- **5** THIRD COUNTRIES.

Bringing Europe closer to a Digital Single European Sky - Data Link Services (DLS)

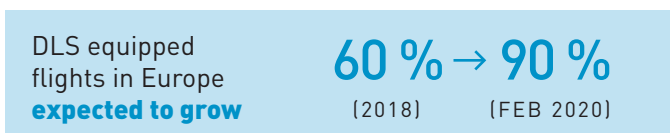Providing digital exchange of information between aircraft and ground

→ **before 2016**

- Fragmentation
- No implementation plan
- Implementation regulation at risk

→ **since 2016**

SESAR Deployment Manager mandated **as project implementation manager**

- DLS project **implementation plan** delivered
- DLS **performance** drastically **improved**
- **Bringing benefits** to airlines and passengers

DLS equipped flights in Europe **expected to grow**   **60 %** (2018) → **90 %** (FEB 2020)

Developing real-time tracking of planes
Automatic Dependent Surveillance – Broadcast **ADS-B**

ADS-B uses the real-time position determined aboard the aircraft, f.i. by means of GNSS, and broadcasts it periodically, so the aircraft can be tracked.

developing ADS-B across Europe:

- **ADS-B implementation plan** delivered
- ADS-B complements **radar**
- **Real-time tracking** enables greater predictability, efficiency and timely responses in emergencies

ADS-B enables:

- **Cost effective surveillance** in oceanic, remote or low traffic density areas
- **Airborne traffic awareness** and separation to emerge