

# A public-private partnership for ATM R&D



EXPLORATORY RESEARCH



INDUSTRIAL RESEARCH & VALIDATION



VERY LARGE SCALE DEMONSTRATIONS



AIRBUS



# Breakthrough innovations - delivered!

## 2 programmes

- SESAR 1 (2008-2016)
- SESAR 2020 (2016-2024)

**99**  
Solutions delivered  
56 are part of implementation plans

**87**  
Solutions in the pipeline

**Sustainability**



**Safety**



**Scalability**



**Resilience**



**Cost efficiency**



### Multiple remote towers



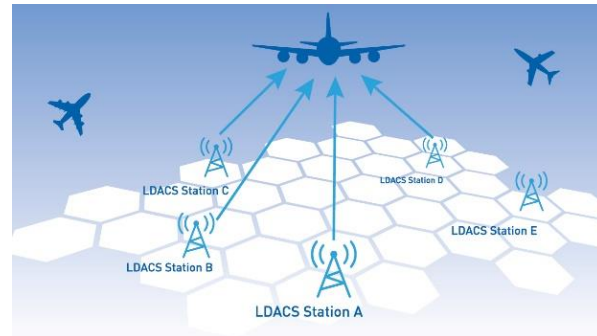
### Enhanced vision systems



### Virtual centres



### L-band Digital Aeronautical Communications Systems (in the pipeline)



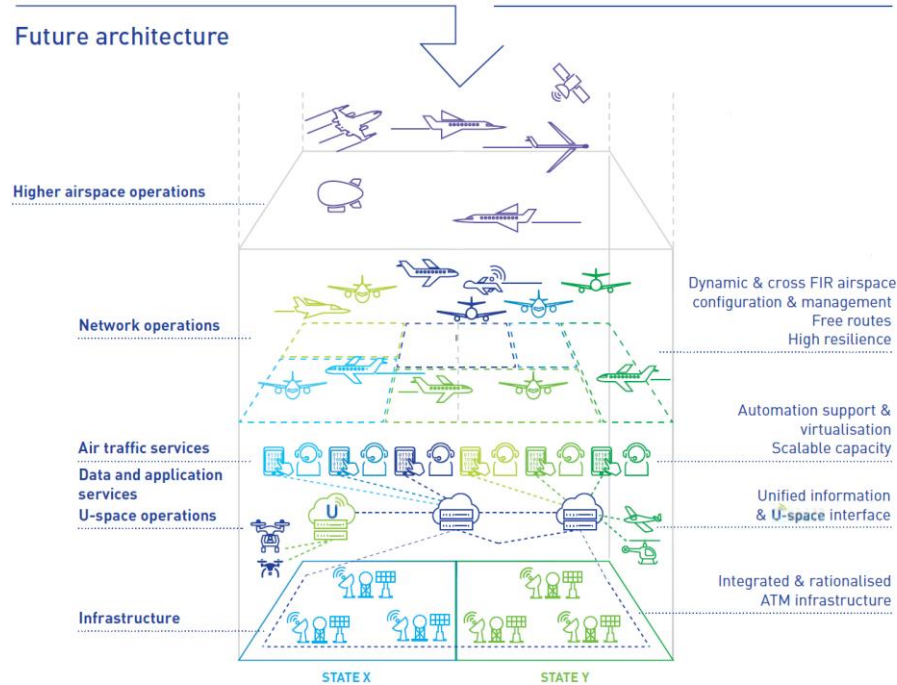
# Vision for 2040: deliver the Digital European Sky

Fully scalable ATC system with strong air-ground integration

Relying on a digital ecosystem

Elimination of environmental inefficiencies caused by the aviation infrastructure

Ensuring that it offers solutions that will fully exploit the potential offered by the next generation aircraft for cleaner and quieter flight



Strategic Research and Innovation Agenda



**Digital European Sky**

