

PROJECT

Airline Team xStream

Airspace User Support to Arrival Management

Funding: European (Horizon 2020)

Duration: Feb 2018 - Jan 2020

Status: Complete

Total project cost: €2,572,804

EU contribution: €1,800,963



Call for proposal: H2020-SESAR-2016-2

[CORDIS RCN : 217571](#)

Objectives:

The SESAR work programme is in the Airline TEAM 2020 consortiums' understanding an integrated Programme, involving all relevant stakeholders, where SESAR Solutions are matured for integration into the European ATM network in order to enhance its operational and economic efficiency, safety, security and capacity. It further develops and delivers the necessary operational and technical materials (specifications, procedures, prototypes, validation reports, etc.) for the progressive industrialisation, deployment and operation of a new ATM system.

The consortium expects that SESAR 2020 will bring new ideas to the market and increase the pace of change in ATM, being part of the technology pillar of the European Union's Single European Sky (SES). Ultimately, this means greater mobility and choice for our passengers in Europe; a more collaborative and better performing network. SESAR 2020 is also addressing the technology improvements as virtualisation and ATC contingency readiness, needed for better air traffic management in case of strikes and disruptions

Aviation is a global industry and interoperability together with global harmonisation are key for its safe and sustained growth.

The consortium will operationally support by this offer a project which will demonstrate the benefits for Airspace User (AU) in the operation of cross-border Arrival Management systems (AMAN) with an extended horizon in accordance with the Pilot Common Project (PCP) First Air Traffic Management (ATM) Functionality (AF#1), as well as the demonstration of AU involvement in the operation of two AMAN-related advanced concepts: the Target Time (TT) management concept and the Arrival Flexibility (A-FLEX) concept, which connect the Extended AMAN concept to the PCP Fourth ATM Functionality (AF#4).

The consortium will ensure the required operational capabilities of European airspace users to contribute to the overall project objectives of SESAR 2020 PJ 25.

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Other programmes: SESAR-VLD1-01-2016 Arrival Management Extended to En-route airspace

Lead Organisation:

Deutsche Lufthansa Ag

Address:

Von Gablenz Str. 2-6
50679 KOELN

Germany

Organisation Website:

<http://www.lufthansa.de>

EU Contribution: €890,323

Partner Organisations:

Easyjet Airline Company Limited

Address:

HANGAR 89 LONDON LUTON AIRPORT
LUTON BEDFORDSHIRE
LU2 9PF
United Kingdom

EU Contribution: €242,773

British Airways Plc

Address:

WATERSIDE
HARMONDSWORTH
UB7 0GB
United Kingdom

Organisation Website:

<http://www.ba.com>

EU Contribution: €150,149

Ryanair Designated Activity Company

Address:

RYANAIR DUBLIN OFFICE AIRSIDE BUSINESS PARK
SWORDS DUBLIN
Ireland

EU Contribution: €84,824

Air France SA

Address:

RUE DE PARIS 45
95747 ROISSY CDG CEDEX
France

EU Contribution: €432,894

Technologies:

Unclassified
Non-technology

Development phase: Research/Invention

STRIA Roadmaps: Network and traffic management systems

Transport mode: Air transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Safety/Security

Geo-spatial type: Other

