

PROJECT

PJ07 OAUO

PJ07 Optimised Airspace Users Operations

Funding: European (Horizon 2020)

Duration: Oct 2016 - Dec 2019

Status: Complete

Total project cost: €18,396,960

EU contribution: €2,142,336



Call for proposal: H2020-SESAR-2015-2

[CORDIS RCN : 205966](#)

Objectives:

The SES Performance Scheme established the principles of performance-driven ATM and Network-wide Collaborative decision making including Civil and State Airspace Users. Hence, it is critical that Flight and Wings Operation Centres processes and tools be enriched for more efficient interaction with ATM Network stakeholders including Airports.

Improved performance of ATM depends on a higher certainty of the demand during the planning phase; and on improved adherence to the plan during operations. Improved Collaborative Decision Making (CDM) incorporating Airspace Users evolving business needs is key to improve ATM operations and Airspace Users performance.

PJ07-OAUO project brings together key European aviation industry partners with the right expertise to achieve a breakthrough improvement to Airspace Users collaboration with ATM. Cooperation with PJ04, PJ09 and PJ18 will assure a good integration with ATM processes.

Aligned with the ATM Masterplan, OAUO focusses on flight planning supported by improved trajectory information sharing with ATM as defined in ICAO/FF-ICE and on flight prioritisation processes in capacity constraint situations-UDPP-, and on a step-wise integration of Military operations into civil ATM collaborative processes.

OAUO validates improved Airspace Users Flight/Wings Operations Centres' processes and tools for Trajectory Definition, Fleet Prioritisation and Preferences, and Mission Trajectory. Objectives include new performance indicators reflecting AUs' business needs in the ATM performance scheme; technology that drastically reduces the need for Airspace Users to perform labour intensive coordination; and integration of ICAO/ FF-ICE concept in the Trajectory Definition and UDPP processes.

OAUO supports the SESAR Deployment and addresses European concerns on economic sustainability of Air Transport system operators, providing access to all types of Airspace Users and flexibility to reduce costs without ATM performance deterioration.

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)

Lead Organisation:

Eurocontrol - European Organisation For The Safety Of Air Navigation

Address:

Rue De La Fusée 96
1130 Bruxelles

Belgium

EU Contribution: €0

Partner Organisations:

Airbus

Address:

2 ROND POINT EMILE DEWOITINE
31700 BLAGNAC
France

Organisation Website:

<http://www.airbus.com>

EU Contribution: €347,338

Polska Agencja Zeglugi Powietrznej

Address:

Ul. Wieszowa 8
02N/A147 Warszawa
Poland

EU Contribution: €0

Hungarocontrol Hungarian Air Navigation Service

Address:

Iglo U. 33-35
BUDAPEST
1185
Hungary

EU Contribution: €0

Rizeni Letoveho Provozu Ceske Republiky Statni Podnik

Address:

Navigacni 787
25261 Jenec
Czech Republic

EU Contribution: €148,314

Direction De La Navigation Aérienne

Address:

50, rue Henry Farman
75720 PARIS
France

Organisation Website:

<http://www.aviation-civile.gouv.fr>

EU Contribution: €291,763

Entidad Pública Empresarial Aeropuertos Españoles Y Navegación Aérea

Address:

Arturo Soria 109
28043 Madrid

Spain

Organisation Website:

<http://www.aena.es>

EU Contribution: €129,384

Valstybes Imone Oro Navigacija

Address:

RODUNIOS KEL 2
02188 VILNIAUS
Lithuania

EU Contribution: €0

Atos Belgium

Address:

DA VINCILAAAN 5
1930 ZAVENTEM
Belgium

EU Contribution: €165,564

Frequentis Ag

Address:

Innovationsstrasse 1
1100 WIEN
Austria

Organisation Website:

<http://www.frequentis.com>

EU Contribution: €0

Indra

Address:

Avenida de Bruselas, 35
Alcobendas Madrid
Spain

Organisation Website:

<http://www.indra.es>

EU Contribution: €49,431

Thales Las France Sas

Address:

Avenue Charles Lindbergh 3
94150 Rungis
France

EU Contribution: €237,652

Letove Prevadzkove Sluzby Slovenskej Republiky, Statny Podnik

Address:

IVANSKA CESTA 93
823 07 BRATISLAVA

Slovakia

EU Contribution: €0

Technologies:

Information systems

Air traffic management systems

Development phase: Validation

STRIA Roadmaps: Network and traffic management systems

Transport mode: Air transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Societal/Economic issues

Geo-spatial type: Other