

PROJECT

AUDIO

Airspace User supporting Demonstrations of Integrated Airport Operations

Funding: European (Horizon 2020)

Duration: May 2019 - Apr 2021

Status: Complete

Total project cost: €1,064,625

EU contribution: €818,050



Call for proposal: H2020-SESAR-2016-2

[CORDIS RCN : 222513](#)

Objectives:

The project AUDIO will coordinate the Airspace User (AU) involvement in the demonstration of innovative airport operations functionalities designed to improve airport operations. It is designed to secure the involvement of additional end-users to perform operational demonstrations to confirm the benefits and increase awareness of promising solutions targeting specific operational scenarios and environments.

AUDIO is addressing the topic Integrated Airport Operations (SESAR-VLD1-02-2016) which is related to the Very Large Demonstration PJ28 IA (Integrated Airport Operations as part of SESAR2020). In particular AUDIO demonstrates the use of functionalities designed to improve airport operations from an airspace user perspective.

For the On-board taxi functions, on-board surface guidance will be demonstrated on board of aircraft during day to day operations of airlines. Demonstrations will be conducted in a real live environment.

A dedicated dissemination WP is designed to cover the important need of the distribution of results. Coordinated with the dissemination activities of PJ28 a harmonized approach will be taken to make sure the results of the demonstration activities are well communicated within the SESAR as well as the whole ATM community.

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-VLD1-02-2016 Integrated Airport

Lead Organisation:

Deutsches Zentrum Fr Luft Und Raumfahrt E.v

Address:

Linder Hoehe
51147 KOELN
Germany

Organisation Website:

<http://www.dlr.de>

EU Contribution: €224,375

Partner Organisations:

Partner Organisations:

Deutsche Lufthansa Aktiengesellschaft

Address:

LINNICHER STRASSE 48
50933 KOLN
Germany

Organisation Website:

<http://www.lufthansa.com>

EU Contribution: €350,000

Sintef

Address:

Strindveien 4
7034 TRONDHEIM
Norway

Organisation Website:

<http://www.sintef.no>

EU Contribution: €135,000

Arttic

Address:

58A rue du Dessous des Berges
75013 PARIS
France

Organisation Website:

<http://www.arttic.com>

EU Contribution: €108,675

Technologies:

Aircraft operations and safety
Future-proof airport

Development phase: Research/Invention

STRIA Roadmaps: Vehicle design and manufacturing, Network and traffic management systems

Transport mode: Multimodal transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Other specified

Geo-spatial type: Other