

PROJECT

USIS

U-Space Initial Services

Funding: European (Horizon 2020)

Duration: Jan 2018 - Nov 2019

Status: Complete

Total project cost: €1,799,324

EU contribution: €1,308,671



Call for proposal: H2020-SESAR-2016-2

[CORDIS RCN : 219748](#)

Objectives:

U-Space Initial Services project aims to demonstrate the technical and operational feasibility of providing in a very short time frame U-Space services to UAV/RPAS operators and to authorities focusing on:

- UAV/RPAS/Pilot/Operator Registration Service
- Flight Wish/Mission Notification & Authorization Service
- U-Space NOTAM Service (including dynamic NOTAM for VLL)
- UAV/RPAS Traffic Monitoring (including non-conformance vs regulation/authorized mission)

Methodology:

The project combines the expertise of key stakeholders of the future U-Space (Civilian Aviation Authorities/Air National Service Provider, UAV/RPAS Operators, Industries and Law enforcement authorities) in order to ensure that the services demonstrated fit for purpose to their requirements, constraints and needs. By bringing 4 Nations together, the consortium puts a particular focus on demonstrating services that can be deployed at a EU level.

The consortium will consider any type of operations (from visual line of sight to very long range beyond visual line of sight) in all environments (from rural to urban).

The demonstration will prove that U-Space services can be deployed in short time frame enabling safe, secure and efficient UAV/RPAS flight while contributing to their societal acceptance.

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-VLD1-10-2016 Safe integration of drones

Lead Organisation:

Thales Las France Sas

Address:

Avenue Charles Lindbergh 3
94150 Rungis
France

EU Contribution: €548,188

Partner Organisations:

Hungarocontrol Hungarian Air Navigation Service

Address:

Iglo U. 33-35
BUDAPEST
1185
Hungary

EU Contribution: €255,784

Unifly

Address:

LUCHTHAVENL 7A UNIT 6 AIRPORT BUSINESS CENTER
2100 ANTWERPEN DEURNE
Belgium

EU Contribution: €260,659

Direction De La Navigation Aérienne

Address:

50, rue Henry Farman
75720 PARIS
France

Organisation Website:

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

EU Contribution: €73,375

Altametris

Address:

21 AVENUE DU STADE DE FRANCE
93210 SAINT-DENIS LA PLAINE
France

EU Contribution: €48,716

Ecole Nationale De L Aviation Civile

Address:

Avenue Edouard Belin 7
31055 31055
France

Organisation Website:

<http://www.enac.fr>

EU Contribution: €90,440

Dfs Deutsche Flugsicherung Gmbh

Address:

Am DFS-Campus 10
63225 LANGEN
Germany

Organisation Website:

<http://www.dfs.de>

EU Contribution: €31,511

Technologies:

Aircraft design and manufacturing
Suborbital point to point aircraft

Development phase: Demonstration/prototyping/Pilot Production

STRIA Roadmaps: Network and traffic management systems

Transport mode: Air transport

Transport sectors: Passenger transport

Transport policies: Safety/Security, Digitalisation

Geo-spatial type: Other