

Uospace4UAM Press Release 1

Uospace4UAM consortium selected for defining key enablers that will help driving the safe integration of Urban Air Mobility in the European airspace.

Aiming to bridge the gap between development and deployment, Uospace4UAM, a SESAR VLD project, will tackle issues of operational concepts, regulation, and standards, while building confidence in a safe and orderly integration of Urban Air Mobility (UAM) in every days air traffic.

Uospace4UAM consortium brings together the full eco-system consisting of Honeywell as consortium lead, Air Navigation Services of the Czech Republic, Altitude Angel, Austro Control, CATEC, CRIDA, DLR, DroneHub, ENAIRE, Lilium, TECNALIA, UpVision, Vertical. The project is receiving funding from the SESAR Joint Undertaking under the EU Horizon 2020 research and innovation program.

Uospace4UAM will build on the CORUS project results and synergistically link up with the new CORUS-XUAM works through the Advisory Board. The project will study safety cases and their impact on system requirements and look at how regulation and standardisation can be set up to support innovators to build a sustainable business case while operating safely in a multi-modal transport network. A series of well defined, iterative and multi-national demonstrations, both with drones and UAM vehicles will be conducted. They will cover different use cases, including mixed operations, to allow the project to derive critical enablers for a wide set of UAM service applications that can be applied all over Europe. This project is set to deliver results that are of real interest to “early movers”, enabling them to bring a real market impact in the next few years. In order to prove that this will be achieved, and that indeed the project has laid a bridge between development and deployment, the project is set to deliver a number of commercial contracts for the provision of fully automated drone services, and present solutions to identified gaps towards fully autonomous Urban Air Taxi services.

“The Uospace4UAM project serves to bridge the gap between development and deployment of U-space capabilities and services thus ensuring a safe introduction of Urban Air Mobility in the European region,” said Jiri Ilcik, Uospace4UAM project leader at Honeywell Aerospace. “We are proud to be working alongside such an esteemed group of partners from the UAM sector on this project. We can only expect great results of this project, which will impact world-class standards not only in Europe but also on a global scale.”

“Urban Air Mobility is going to be a critical part of our long-term roadmap to reduce the rising pressure on our transport infrastructure and to build transport capacity in the third dimension - the sky. It will also be more environmentally friendly and help to further reduce travel times, and congestion,” said Cengiz Ari, SESAR JU.” We are optimistic that this consortium will contribute to a positive development of the Urban Air Mobility industry in Europe.”

The Uospace4UAM project officially started in February 2021 and will end in December 2022, whereas the demonstrations will complete by Summer of 2022. The project includes three UAM and two Unmanned Aerial Vehicle (UAV) demonstrations. The UAM demonstrations will be on TECNALIA and Vertical platforms whereas the simulated demonstrations will be on Honeywell UAM simulator across several cities. The UAV demonstrations will be performed by Upvision and Dronehub.

As the technology pillar of Europe’s Single European Sky (SES) initiative, the SESAR Joint Undertaking coordinates and concentrates all EU research and development activities in ATM, pooling a wealth of expertise to develop the new generation of ATM. Today, the [SESAR Joint undertaking](#) currently involves around 1,500 experts in Europe and beyond.



