

CORUS-XUAM

Integrated Urban Air Mobility for Europe

CORUS-XUAM stands for “*Concept of Operations for euRopean U-space Services – eXtension for Urban Air Mobility*”. It is a two-year very large-scale demonstration (VLD) project that will demonstrate how U-space services and solutions could support integrated Urban Air Mobility (UAM) flight operations. These services should allow electric vertical take-off and landing vehicles (eVTOL), unmanned aircraft systems (UAS) and other airspace users (unmanned and manned) to operate safely, securely, sustainably and efficiently in a controlled and fully integrated airspace, without undue impact on operations currently managed by ATM.

The activities will start with updating the U-space Concept of Operations to address the integration of UAM/UAS operations into the airspace, and identifying new U3/U4 services. This will be followed by the preparation and execution of six challenging demonstration campaigns in Belgium, France, Germany/UK, Italy, Spain, and Sweden.

SABCA will be the executor of the Belgian eye-in-the-sky demonstrators in the Ports of Zeebrugge and Antwerp.

Project website: [CORUS-XUAM – Urban Air Mobility for Europe – Home](#)

Funding: SESAR-VLD2-03-2020

Project duration: 2020 – 2022

Project partners:



This project has received funding from the SESAR Joint Undertaking under the European Union's Horizon 2020 research and innovation programme under grant agreement No 101017682.

