

# USPACE4UAM URBAN AIR MOBILITY IN EUROPE

Project Execution: 2021 – 2022



This very large scale demonstration project will bridge the gap between development and deployment for U-space capabilities and services that will enable a safe introduction of urban air mobility in Europe (UAM).

## FOCUS AREAS

### Concept of operations:

UAM concept of operations (CONOPS) tested in real environment, aligned with multiple ANSPs and airports.

### Technology:

Demonstrate U-space U4 level automation and autonomy technologies enabling a safe integration of UAM traffic.

### Regulation and standards:

Validate operational, performance, safety and interoperability requirements to accelerate regulation development.

### Business enablers:

Define business case for stakeholders. Determine return-on-investment (ROI) models for piloted and autonomous operations. Determine level to which operations will be socially accepted.

## MEASURES TO SUCCEED



Perform up to **215** real life UAV and UAM demonstration flights in U-space and controlled airspace.



Deploy at least **4** real life autonomous operational drone services in European Smart Cities.



Receive **100%** Advisory Board confirmation for solutions that address the gaps limiting automated and autonomous operations of passenger air-taxi services.



Engage in **INTERNATIONAL** standardisation working groups to develop MOPS/MASPS.

## TEAM (BOTH CONSORTIUM AND ADVISORY BOARD)



Supported by



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