

Enhanced Automation for U-Space/ATM integration

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SESAR 2020 SHOWCASE

ÉALÚ-AER in Numbers

36
Months

7
Partners

5
Countries

6
WPs

22
Deliverables

21
Milestones

23
Tasks

5
Use Cases

~5.5M
Budget



ÉALÚ-AER partners



ÉALÚ-AER objectives

Technology infrastructure **integration** and **demonstration** project

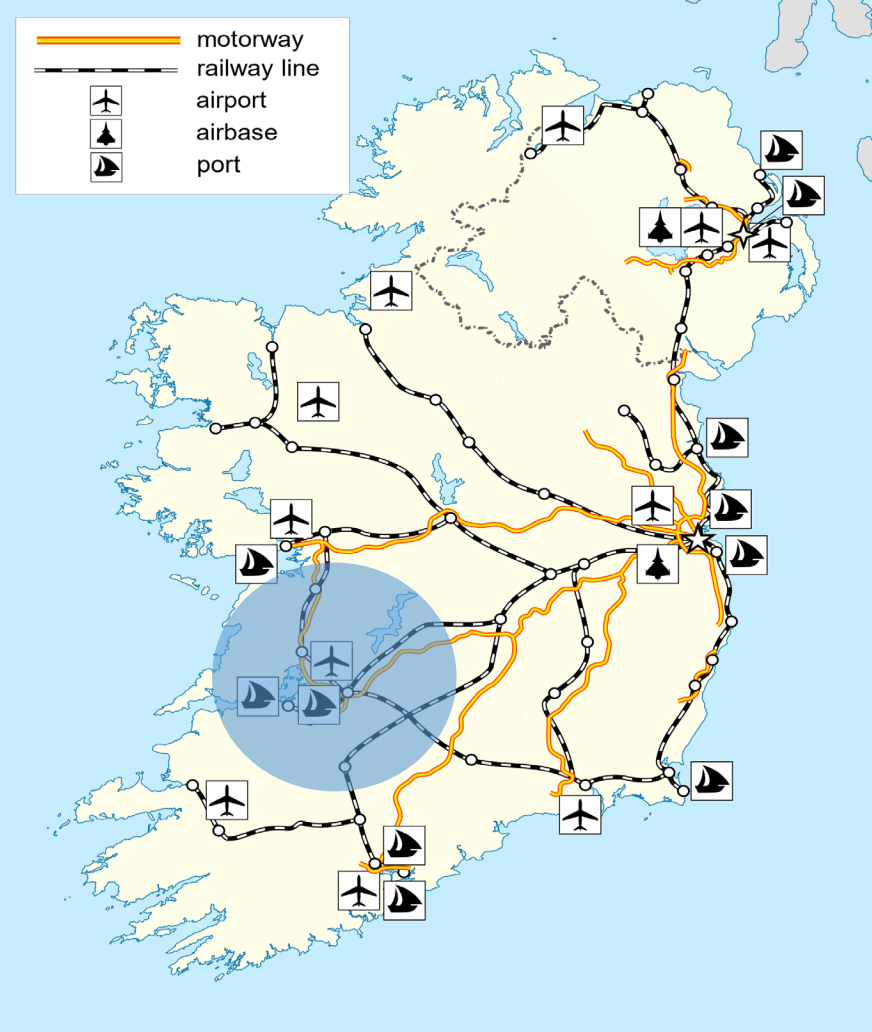
The project aims to establish Ireland's first **UAM Digital Sky Demonstrator**

Prove the feasibility, reliability, and efficiency of eVTOL services (includes public perception and acceptance)

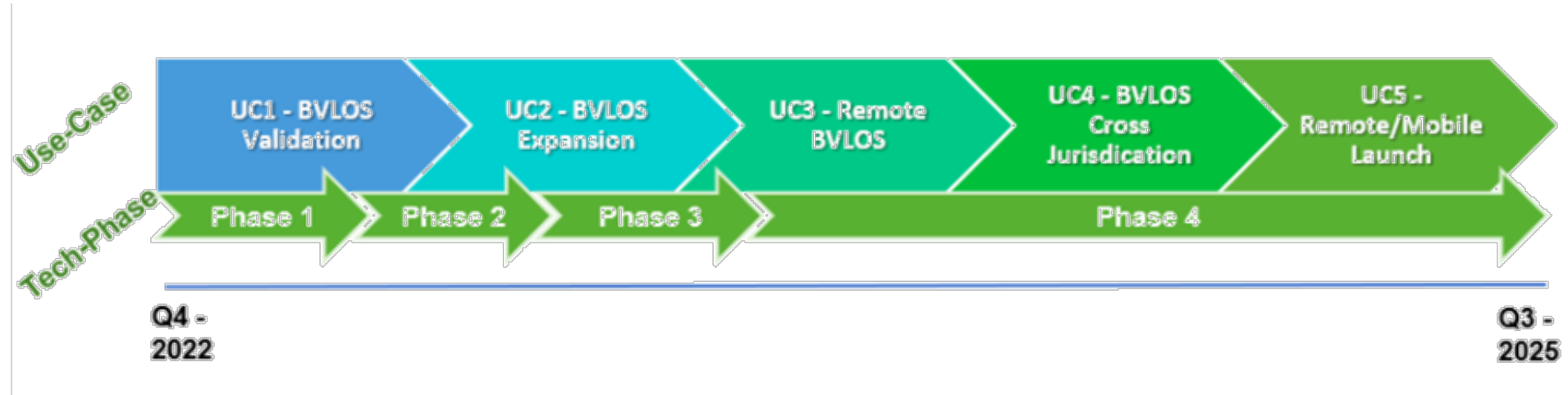
Develop, deploy and **test** U-space systems in support of eVTOL services (TRL 7-8)

Define possible manned/unmanned Separation Standards in Controlled Airspace

Yes, but... where?



... and when?



Use cases cover the span of UAM services, such as **local inspection, light-freight, long-distance logistics, air-taxi operations.**



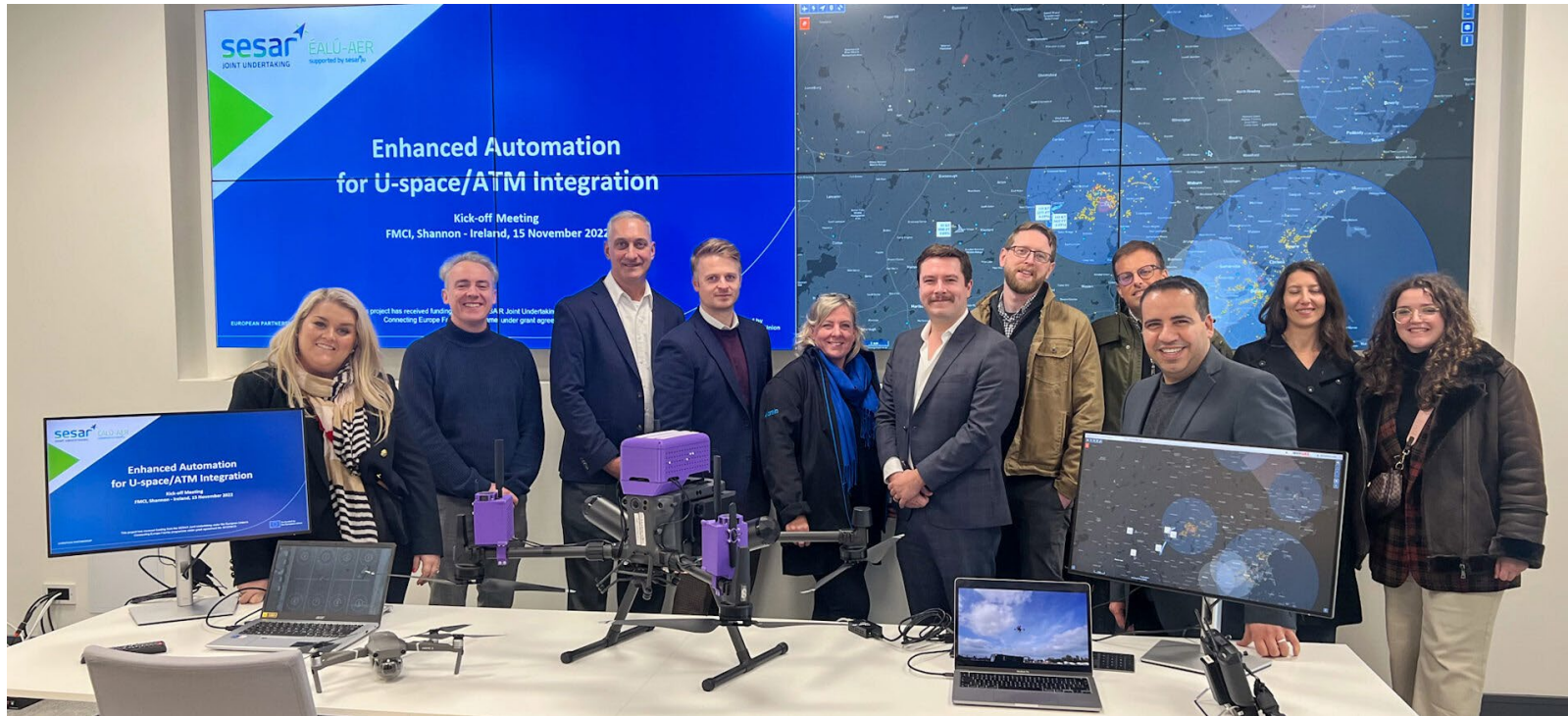
Where are we now

Project kicked-off last November, so we are still pretty young, but..

- We already established good relations with the stakeholders (coordination with «sibling» projects, meeting with IFATCA, workshops with the Irish drone community, etc.)
- We are actively working to the plan for Demonstrations and to the preparation of the first use case

If you are curious about the use cases and the involved technologies, come at Collins Aerospace stand (C18)





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