

U-ELCOME

Ensuring routine commercial drone
operations in Europe by 2026

Q&A



U-ELCOME Project

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Supporting Drone Strategy 2.0: results from U-space Digital Sky Demonstrators

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JOINT UNDERTAKING



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European Union

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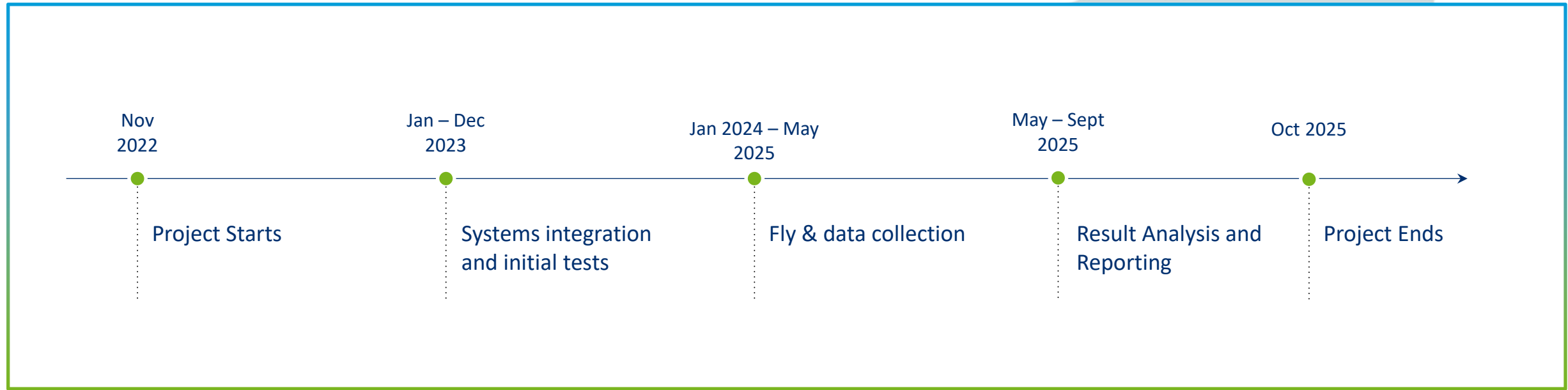
Linked in



A quadcopter drone is positioned in the foreground on a paved surface. In the background, several large satellite dishes are visible against a dramatic sunset sky with orange and yellow clouds. A red and white striped barrier with a chain is also present. The text "Ensuring routine commercial drone operations in Europe by 2026" is overlaid in white.

Ensuring routine commercial drone operations in Europe by 2026

Three countries bridging the gap from research to implementation

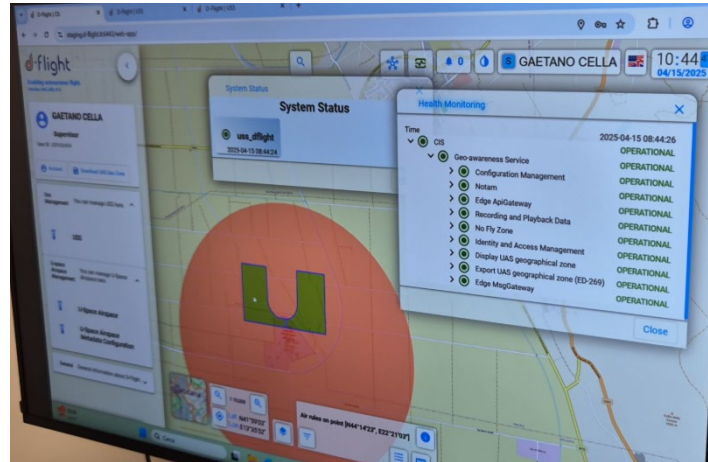




U-space services implemented up to TRL 8 maturity



Over 1,000 flights successfully executed using U-space services



1 Common Information Service Provider and 1 U-space System Service Provider **certified**



Enhanced situation awareness for UAS operators and pilots

Real-life business driven use-cases



High contribution to standardization...

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Standards analysed and amendments proposed

- ED-269
- ED-269 Change 1
- ED-318
- ANSI-CTA-2063-A
- ASTM F3411-22A
- ASTM F348-21

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New standards initial proposals

- Health/Liveness monitoring between U-space stakeholders
- Traffic Information Service and Conformance Monitoring
- Weather services
- User interface Representation
- USSP connection API

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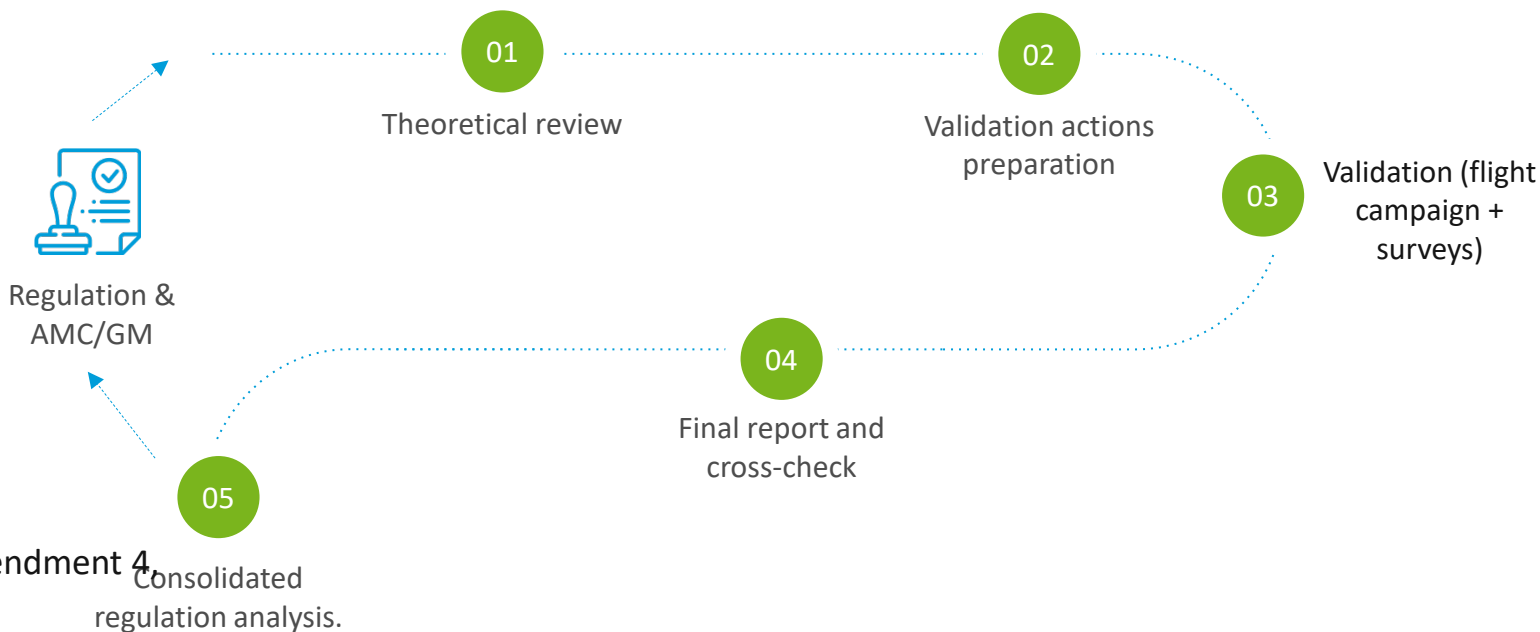
New standard developed (ED-339)

... and regulation

4

Regulatory documents
analysed with
amendments
proposed

- IR(EU) 2021/664.
- IR (EU) 2021/665
- IR (EU) 2021/666.
- AMC and GM to IR (EU) 2021/664.
- SERA.6005 on e-Conspicuity.
- AMC & GM to Part-ATS – Issue 1, Amendment 4 on DAR.
- NPA 2024-01.



A light blue map of Europe is shown against a white background. The map includes major landmasses like the British Isles, Scandinavia, and the Mediterranean region. Overlaid on the right side of the map is the text "Harmonization effo" in a dark blue, sans-serif font. The text is partially cut off on the right edge. In the bottom left corner, there is a small, stylized logo consisting of a green triangle and a blue triangle pointing towards each other.

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Thanks to all U-ELCOME partners for making this possible

EUROCONTROL

DRONICA VALLEY

INECO

ENAIRE

ENAV

THALES

AEROCAMARAS

AERTEC

AIRBUS

ANRA

AEROPORTS DE CATALUNYA

CIRA

CRIDA

D-FLIGHT

DLR

DRONUS

DSNA

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UMILES

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BARCELONA

UNIVERSITAT POLITECNICA DE
VALENCIA

Q&A



Thank you!

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