

# U-space Implementation

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# City of Helsinki's message

## U-space must become a city-relevant service ecosystem

**Value for the city:** reliable, scalable drone services that strengthen logistics, safety and resilience in daily urban life.

**Prerequisites:** clear national roles (Art 18f), shared risk models, and interoperable digital infrastructure.

U-space must break from legacy of ATC.

Cities have the ownership of the local environment.

U-space must be co-designed with municipalities.

Helsinki

A screen shot from the City of Helsinki video of U-space principals.

# European Network of U-space Stakeholders

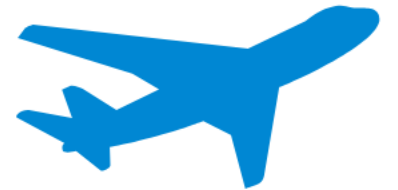
12 December 2025

EDA (European Defence Agency)

17-23 Rue des Drapiers

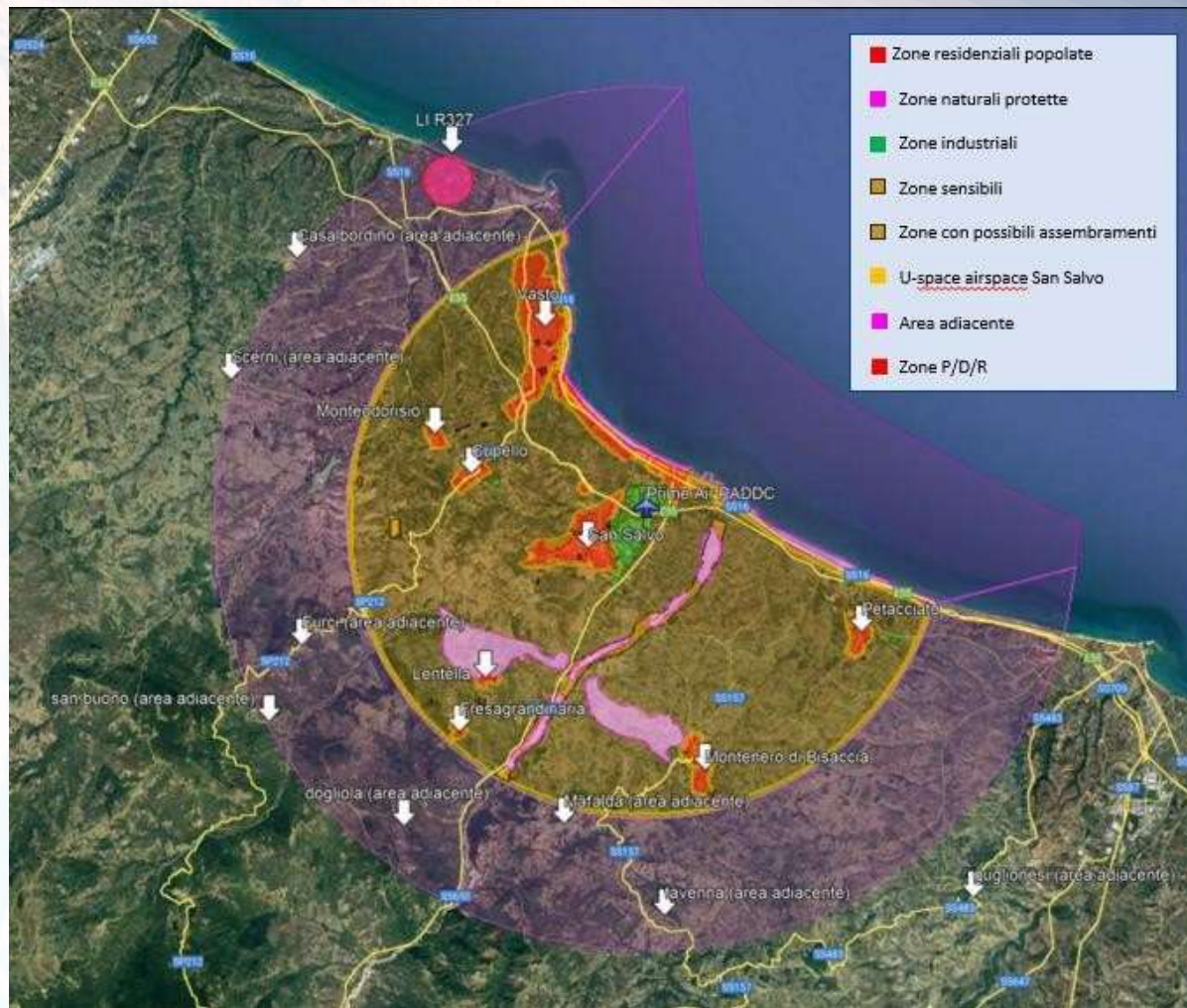
Brussels, Belgium

ENAC: Ennio Borgna



# San Salvo U-space

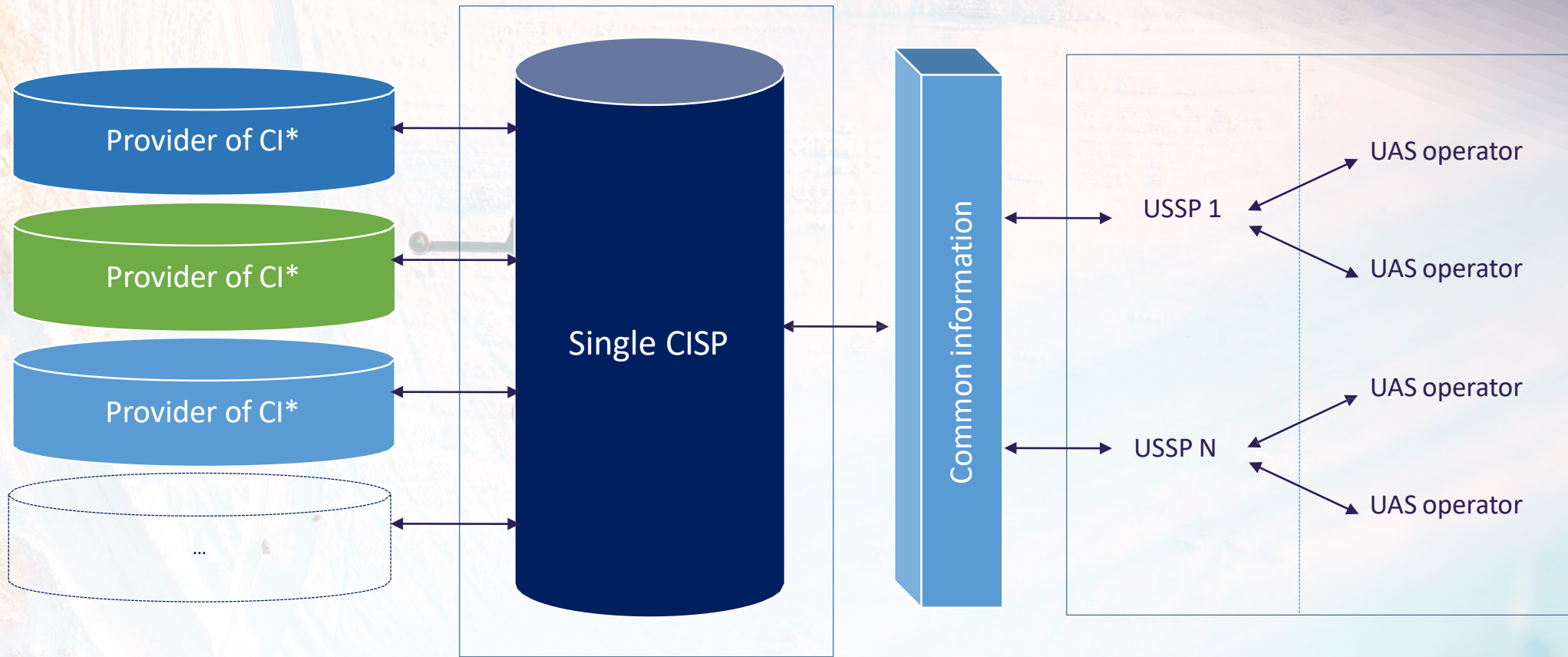




- Area of approximately 307 square kilometers
- Essentially sparsely populated area
- Uncontrolled airspace (airspace G)
- Radius: 12 Km
- Height: 120 m



# U-space architecture in Italy



CISP:D-flight  
USSP:D-flight

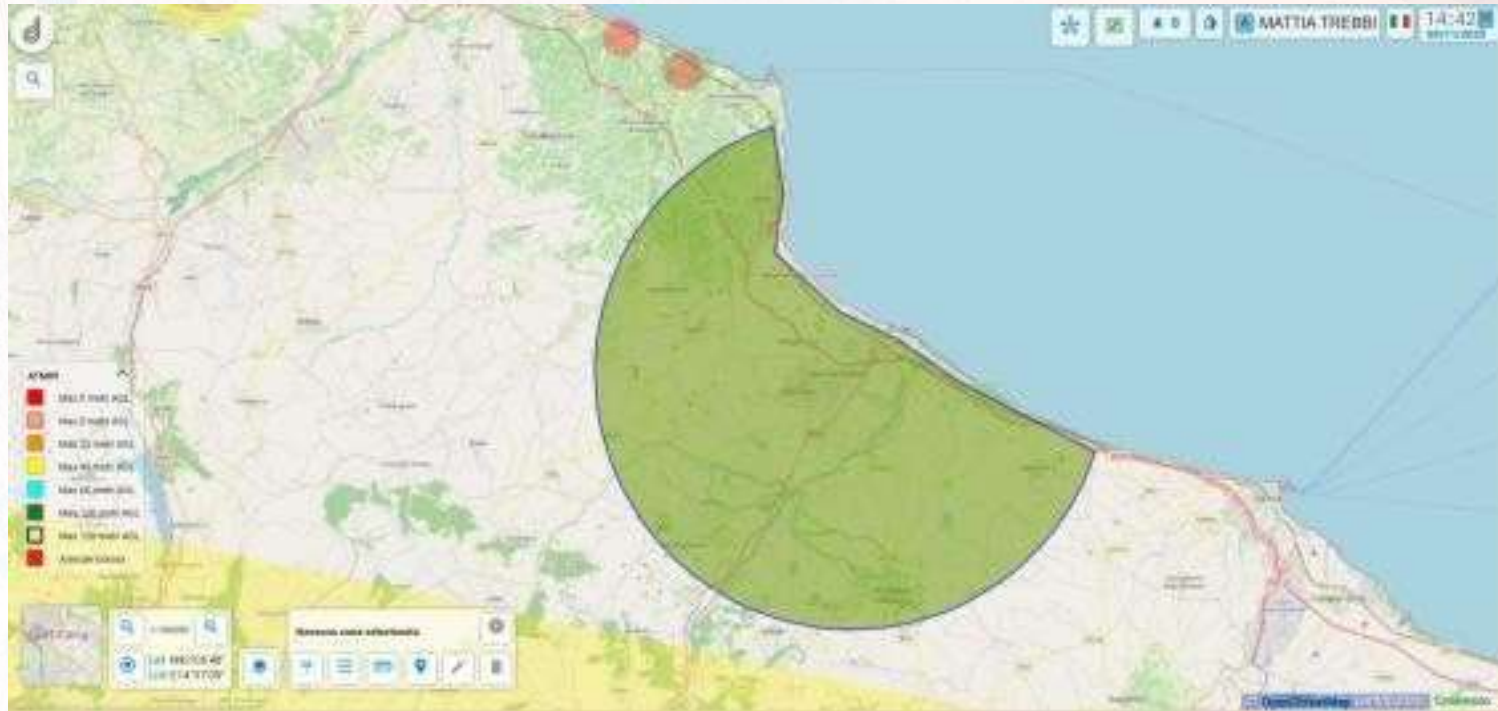
# U-space

## Basic services: **services**

1. Network Identification Service
2. Geo-awareness Service
3. Flight Authorisation Service
4. Traffic Information Service

## Optional services:

1. Weather information service
2. Conformance monitoring service




U-space activated



U-space deactivated

# Coordination mechanism

An aerial photograph of a drone flying over a rural landscape. The drone is in the center, with its four arms and propellers visible. Below it, a road with a few cars and some trees are visible. The background is a vast, open field under a clear sky.

Meeting - All stakeholders - 28 /11/ 2025

Meeting Enac -Aeronautical operators -18/07/2025

Meeting Enac- Aeronautical operators -15 /07/2025

Meeting Enac- Aeronautical operators – 22/11/2024

Meeting ENAC - Prefectures and Police Headquarters – 21/11/2024

Meeting Enac - Municipalities, Regions - 21/11/2024

# Meeting objectives:

- Inform stakeholders about U-space and the rationale behind its implementation.
- Opportunity to gather suggestions, clarify doubts, identify solutions to meet different needs, and
- develop procedures.
- Agree on operating procedures.
- Inform citizens about additional services offered by U-space that can help improve their quality of life.
- Receive feedback on public acceptance.

Thank you for your attention.

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