

	Aeronautical Services Advisory Memorandum (ASAM) Focal Point: AUS	ASAM No: 051 Issue 1 Date 31/10/2025
Title	U-space Coordination Mechanism	

Introduction

Pursuant to Regulation (EU) 2021/664 Art 18(f), and in accordance with the Irish National Policy Framework for Unmanned Aircraft Systems, this document outlines the roles and responsibilities for the implementation of the Irish U-space coordination mechanism.

The U-space coordination mechanism will ensure that the interests of all U-space stakeholders are sufficiently represented, and their interest managed. The coordination mechanism also ensures that multi-party public, institutional and private stakeholder participation, and consultation takes place before a decision is reached.

The U-space coordinator role is also designated to the National U-space Steering Group, with overall responsibility for the coordination mechanism. The U-space coordinator roll includes coordination with other public authorities, government departments, public and private entities at the national and local level.

1. Governance Structure

1.1 Lead Authority

Irish Aviation Authority (IAA) is the competent authority for U-space with responsible for oversight and certification.

The IAA is also responsible for establishing the coordination mechanism, and for nominating a U-space coordinator responsible for preparing, performing and completing the coordination process by providing recommendations to the competent authority throughout the life cycle phases of the U-space airspace (planning, execution, review).

1.2 Steering and Working Groups

National U-space Steering Group¹: Led by the Department of Transport, and is comprised of the IAA, local authorities, industry, research stakeholders, and civil society, has responsibility

¹ As defined in the National Policy Framework for Unmanned Aircraft Systems by the Department of Transport

to identify, develop, and effectively implement U-space capabilities and technologies in the State.

The Steering Group will develop a National Plan for the Implementation of U-space. The plan shall focus on:

- the designation of U-space airspace
- the choice of relevant service delivery models
- the deployment of U-space services and corresponding enablers

A National Working Group on UAS Geographical Zones, led by the Irish Aviation Authority, will be established to develop transparent processes and procedures for the designation of UAS Geographical Zones.

1.3 U-space Coordinator

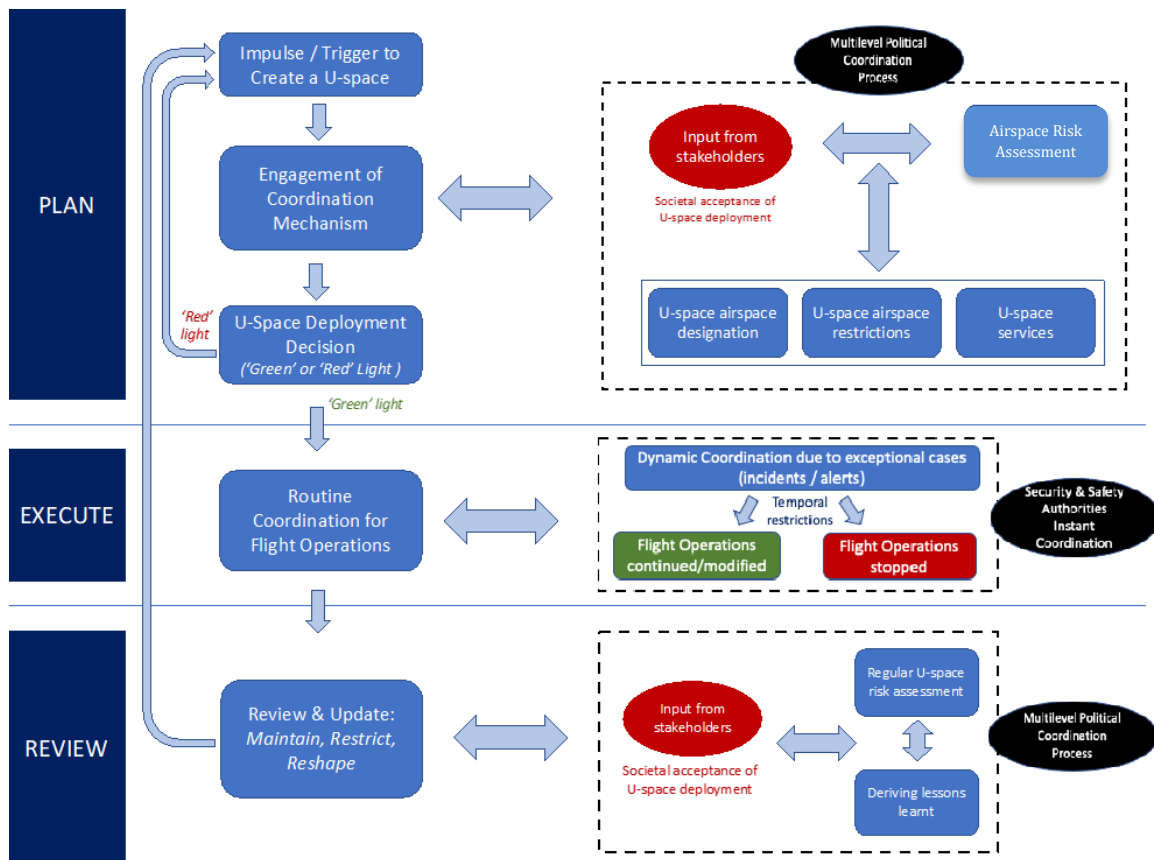
The IAA has identified that the requirements of the U-space coordinator will be fulfilled by the National U-space Steering Group, thus ensuring an impartial and independent forum. This group has overall responsibility for the coordination mechanism, including coordination with public authorities, government departments, public and private entities at the national and local level.

The IAA will be an active member of the National U-space Steering Group and will review on a yearly basis the fulfilment of U-space Coordinator requirements by the National U-space Steering Group.

If requirements of U-space coordinator are not met, the IAA will designate another U-space coordinator.

2. Coordination Phases

The coordination mechanism is a high-level framework for managing the coordination and alignment activities throughout the life cycle phases of the U-space deployment, and comprises of three phases, illustrated in the diagram below.



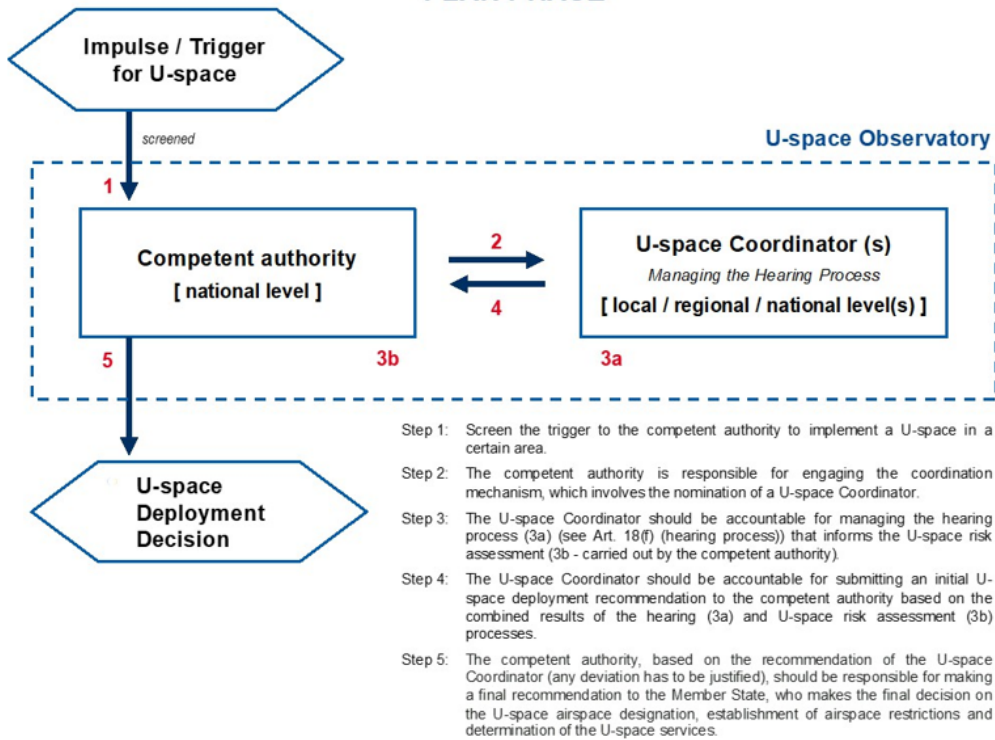
Phase 1: Planning

Trigger: U-space designation request or strategic need.

Actions:

- Establish a U-space Observatory for stakeholder engagement.
- Conduct public consultations and hearings.
- Review of Airspace Risk Assessment
- Define U-space airspace boundaries, restrictions, and mandatory services.
- Develop KPIs for safety, performance, and societal impact.

PLAN PHASE



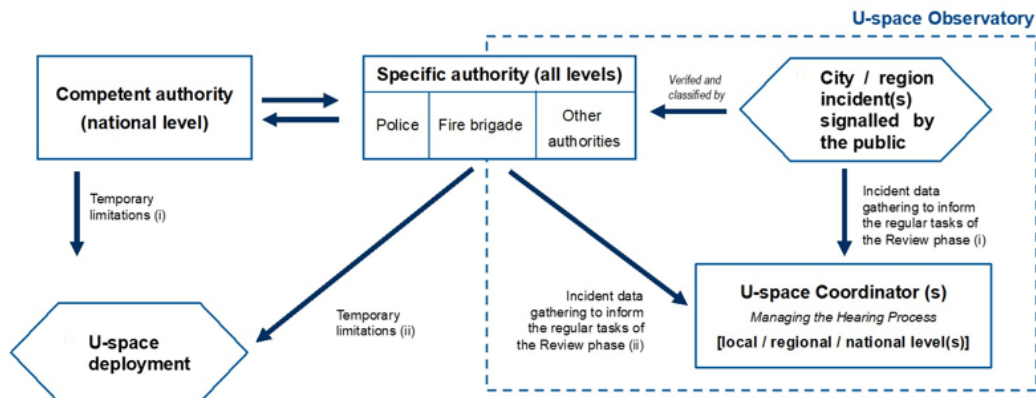
Phase 2: Execution

Trigger: Operational deployment of U-space.

Actions:

- Monitor U-space operations via USSPs and CISPs.
- Enable dynamic airspace reconfiguration in emergencies.
- Collect incident and performance data.
- Coordinate with emergency services and local authorities.

EXECUTE PHASE



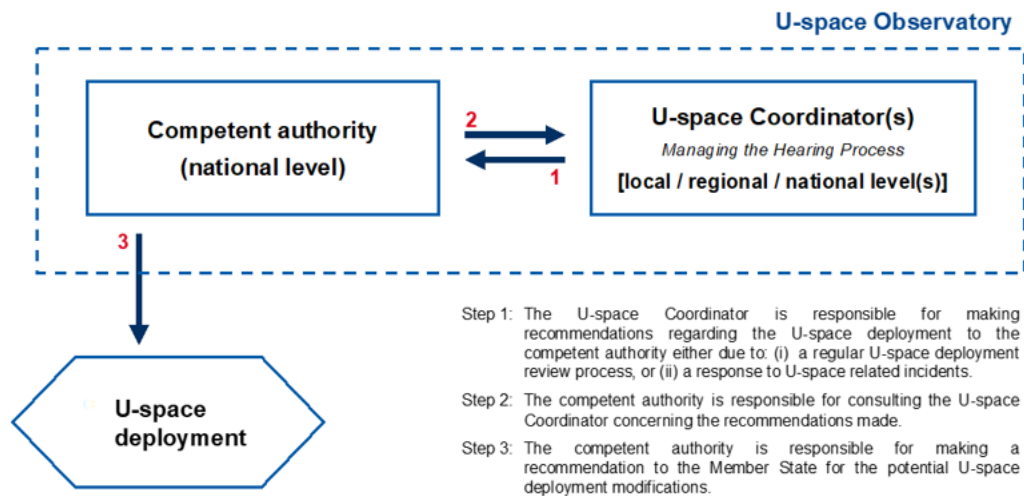
Phase 3: Review

Trigger: Scheduled review or incident response.

Actions:

- Conduct technical and coordination reviews.
- Assess KPIs and stakeholder feedback.
- Recommend adjustments to U-space airspace or services.
- Submit findings to competent authority and Member State.

REVIEW (CHECK & ACT) PHASE



3. Roles and Responsibilities

Irish Aviation Authority (Aviation Infrastructure Department)

- Certification and oversight of USSPs and CISPs.
- Review of Airspace Risk Assessment
- Maintain registry of service providers.
- Define data exchange protocols.
- Lead coordination and enforcement.

U-space Coordinator (National U-space Steering Group)

- Manage planning, execution, and review phases.
- Facilitate stakeholder engagement.
- Provide recommendations to IAA .

Local Authorities

- Participate in planning and consultations.
- Support emergency response coordination.

- Contribute to societal impact assessments.

4. Stakeholder Engagement

Participants: Government Departments, ANSPs, USSPs, UAS operators, County Councils, civil society.

Methods: Hearings, workshops, surveys, digital platforms.

Goals:

- Ensure transparency and inclusivity.
- Address environmental, cultural, and mobility concerns.

5. Information Management

- Establish secure data exchange systems.
- Define access levels and data quality standards.
- Integrate with existing air traffic systems.

6. Continuous Improvement

- Feedback loops from review phase.
- Update policies and procedures.
- Expand or restrict U-space based on findings.

7. Additional Information

The application form for a U-space service provider or a single common information service provider certificate (U.F.501) can be found here https://www.iaa.ie/docs/default-source/default-document-library/airspace/iaa_ussp_cisp_application_form-version-1-0.pdf

The National Policy Framework for Unmanned Aircraft Systems can be found here <https://www.gov.ie/en/department-of-transport/publications/national-policy-framework-for-unmanned-aircraft-systems/>

The EASA Easy Access Rules for U-space can be found here <https://www.easa.europa.eu/en/document-library/easy-access-rules/easy-access-rules-u-space-regulation-eu-2021664>

For further information on U-space contact the IAA Airspace & U-space Division at AUSD@iaa.ie