

# EU Network of U-Space Demonstrators

**ESTEC**

Noordwijk, NL

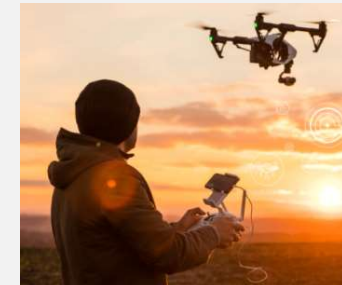
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# U-Space: What is it?

- European ecosystem of services and functionalities to support drones operations



# Where are the Drones?

FL600



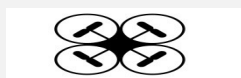
- HAPS

FL100



- RPAS filing IFR

500 feet



- Small UAS
  - U-space

# Business Need

Fragmentation → Harmonisation → Acceleration

- Numerous U-Space projects are emerging but industry is fragmented and immature
- Estimation of European drone market:



- Industry needs to move from technical demonstrations to business applications
- European Commissioner for Transport has proposed to establish a European U-Space Demonstrator Network

# Objectives

Build on state-of-the-art deployment of BVLOS operations

Stimulate creation of regulations and standards

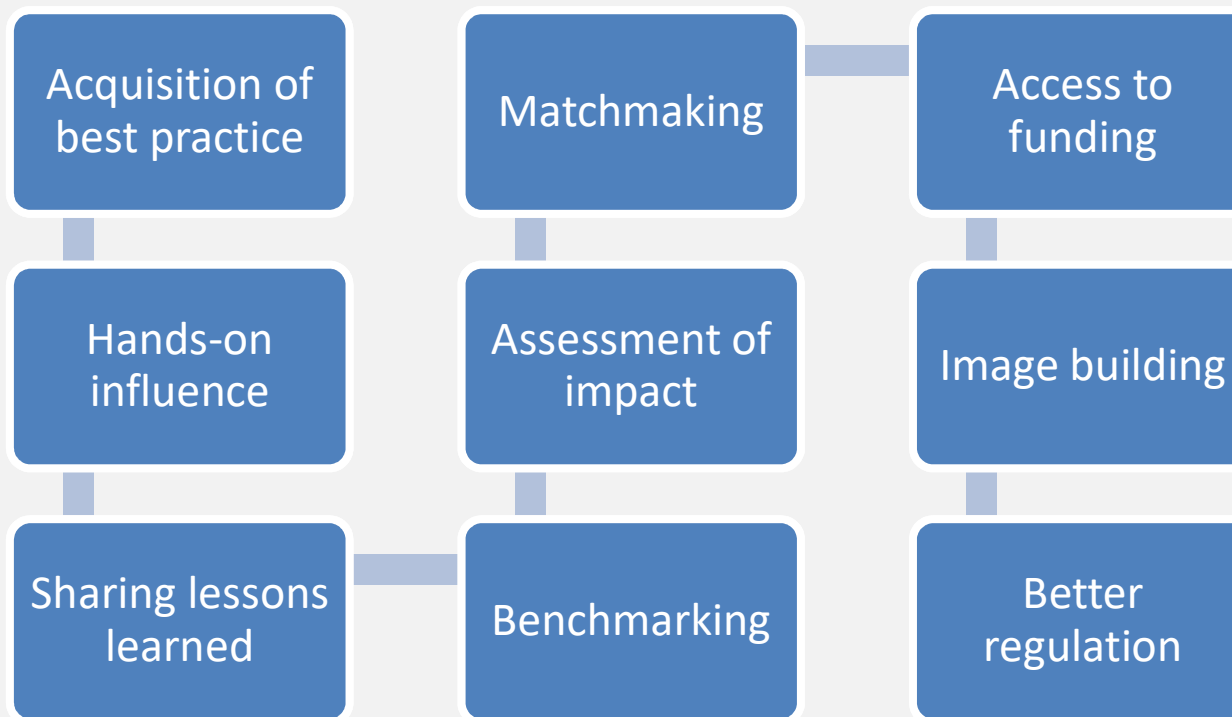
Accelerate lead time to market

Promote economies of scale

De-risk implementations

Reduce red tape

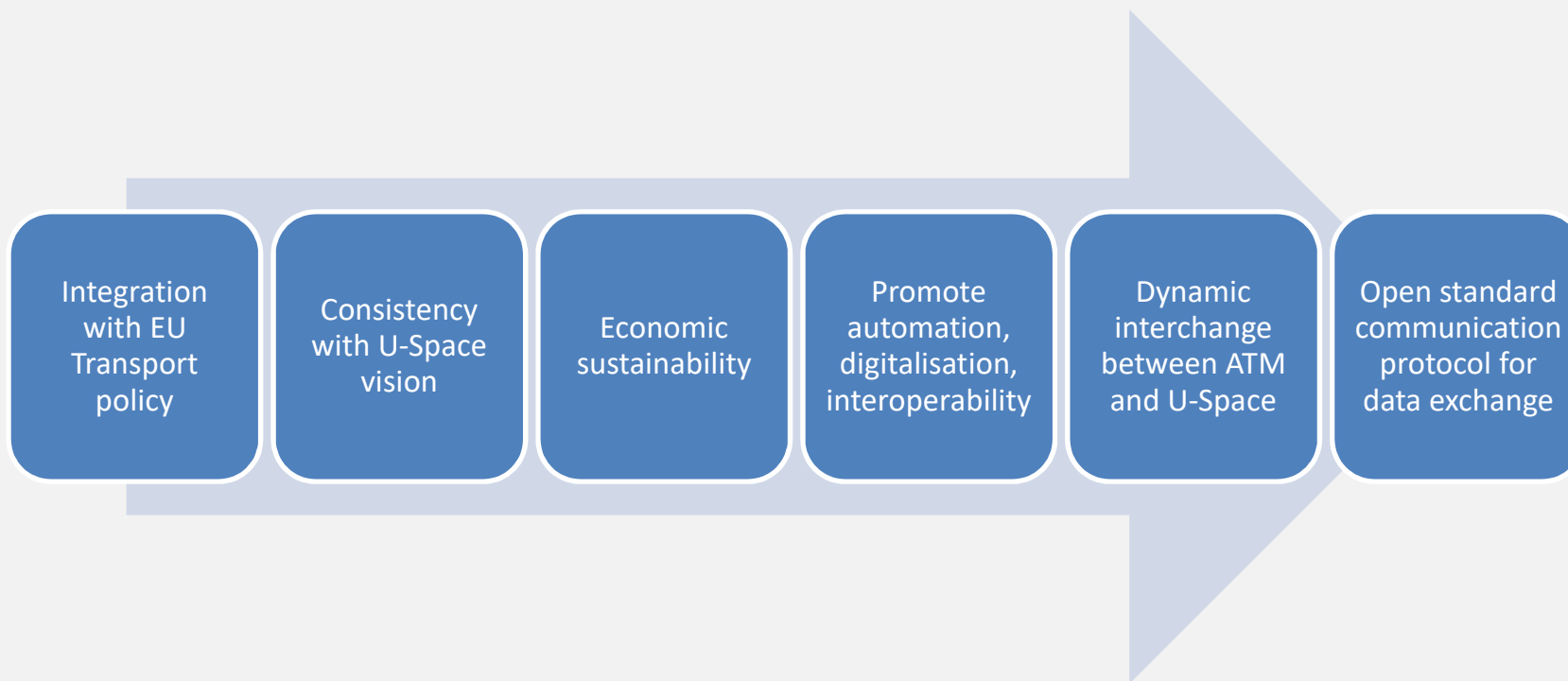
## Benefits for members of EU Demonstrator Network



# Deliverables

- **An inventory** of all projects within the EU Demonstrator network
- **A Guide for Applicants:** “How to become a member of EU Network of U-Space Demonstrators”
- **An online web-based platform :**
  - project monitoring
  - best practices
  - open discussion forum
- **Best Practice Manual** for early implementers of U-Space
- **Handbook for Regulators** for approval of U-Space implementations

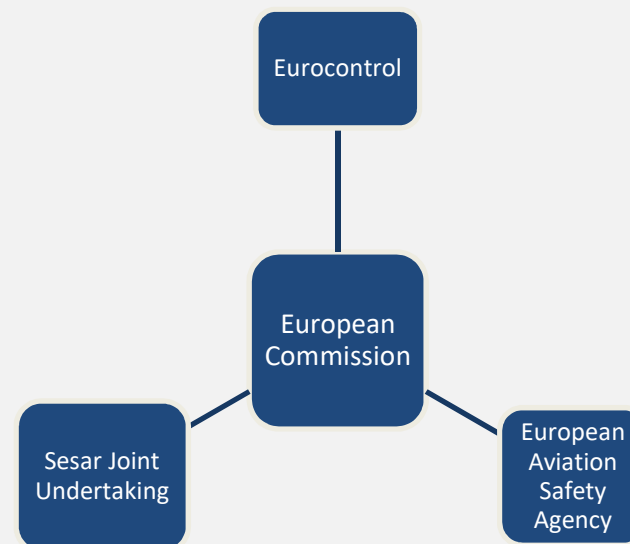
# Eligibility Criteria





# Organisational Arrangement

- Led by European Commission: DG MOVE
- Support cell to assist EC
- Launch initiative in Jun/Jul 18
- Showcase early results in Nov 18 at Drone conference in Amsterdam, Netherlands



# Thank you for listening

Mike Lissone

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