



DRONE STRATEGY 2.0

For a smart and sustainable
European drone market

Airspace World 2023
Geneva, 8-10 March 2023





U-SPACE



2021

Adoption of U-space framework

2023

Applicability of U-space framework

2022

Publication of AMC/GM



(EU) 2021/66 SERA Amdt

- Electronic conspicuity for manned aviation

Changes to SES2+

- Addition of provisions for CIS incl. pricing aspects

(EU) 2021/664 U-space

(EU) 2021/665 Common requirements Amdt

- Coordination between U-space service providers and air traffic services providers
- New provision for dynamic reconfiguration of U-space airspace
- Designation of U-space airspace
- Common information
- UAS operators
- U-space service providers (USSP)
- Minimum list of mandatory services (*Network ID, Geoawareness, flight info., Traffic info.*)
- Optional Services
- Certification U-space and single CI service providers
- Tasks of the competent authorities



DRONE STRATEGY 2.0



The Drone Strategy 2.0 aims to provide a coherent policy framework to facilitate the market development of drones and eVTOLs.

It will cater for the needs of different business models, point to dedicated funding opportunities such as the EIB, support dual use technology development, announce new initiatives in the field of security and environment, as well as competency and skills development aspects.

Launch event of 29 November 2022 during the EU Drone Days showed a lot of enthusiasm for the Drone Strategy 2.0.



DRONE STRATEGY 2.0



Boosting the development of a large-scale European drone market.

Drones will become part of everyday life, with the following services available to EU citizens by 2030:

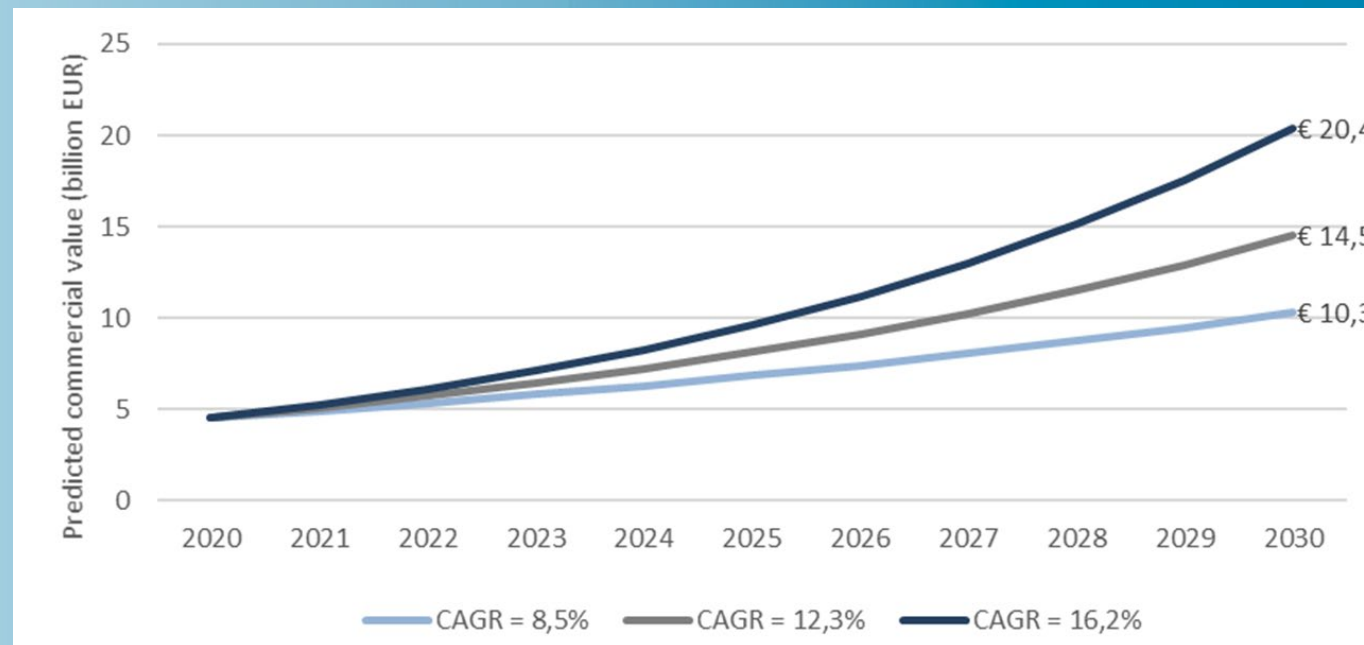
1. Emergency services, mapping, imaging, inspection, surveillance, and the urgent delivery of medicines or biological samples.
2. Transport services for passengers (Innovative Air Mobility), initially with a pilot on board, but with the ultimate aim of fully automated operations.

With the right framework in place, Europe's drone services market could by 2030 be worth €14.5 billion, and create 145 000 jobs

#EUDroneStrategy



DRONE STRATEGY 2.0



#EUDroneStrategy



FURTHER BUILDING THE EUROPEAN DRONE SERVICES MARKET

Improving airspace capabilities (U-space development and integration with Air Traffic Management)

Promoting the human dimension (knowledge, training, skills, competences)

Facilitating Aerial Operations

Ensuring sustainability and societal acceptance

Developing Innovative Air Mobility



Action Area 1

Improving airspace capabilities (U-space development and integration with Air Traffic Management)

Flagship action 1

- Adopt amendments to the Standardised European Rules of the Air and the Air Traffic Management/Air Navigation Services Regulation to safely integrate drone and piloted eVTOL operations,

Flagship action 2

- Continue to promote coordinated research on integrated Communication, Navigation and Surveillance technologies to ensure the convergence between ATM and U-space environments



STRENGTHENING EUROPEAN CIVIL AND DEFENCE INDUSTRY CAPABILITIES AND SYNERGIES

Providing funding and financing (Horizon Europe, EIB, EDF)

Increasing counter-UAS capabilities and system resilience

Identifying strategic technology building blocks and technology enablers



Driving common standards

Enabling testing and demonstrations



DRONE STRATEGY 2.0

For a smart and sustainable
European drone market

