



# Space and ATM

World ATM Congress 2022

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# EU Space programme

## → From 2021 onwards

With the new regulation, the European GNSS Agency became the **European Union Agency for the Space Programme (EUSPA)**.



EU space activities **under one umbrella**:



### Galileo

Global satellite navigation and positioning system (GNSS)

10% of the EU GDP is enabled by satellite navigation



### EGNOS

Makes navigation signals more accurate and reliable

Operational in 400+ airports



### Copernicus

Earth Observation (EO) and monitoring based on satellite and non-space data

Nr.1 world provider of space data and information



### EU GovSatcom

Secures satellite communications for EU security actors

+ others

# A new EU Agency for the Space Programme



## European Union Agency for the Space Programme (EUSPA)

The user-oriented operational Agency of the EU Space Programme, contributing to **sustainable growth, security and safety** of the EU



### Exploitation Manager



Management, operation, maintenance, improvement, evolution, and protection of infrastructure

Continuous provision of services

### Gatekeeper of security



Security accreditation of all programme components

Operational security of Galileo and EGNOS

Operation of the Galileo Security Monitoring Centre

### Market and innovation



User and market uptake

Applications

Innovation

Promotion

# Join us at the Space User Consultation Platform within the European Space Week



## User consultation Platform

Identification of users needs and requirements for Space

Aviation and drones session:  
3<sup>rd</sup> October 2022, Prague







Linking space to user needs

Get in touch with us

[www.euspa.europa.eu](http://www.euspa.europa.eu)



The European Union Agency for the Space Programme is hiring!

Apply today and help shape the future of #EUSpace!

# Galileo in NAV applications

Operational Target	GNSS Combination
En-route, terminal, initial approach, intermediate approach, non-precision approach (NPA), departure	Galileo (E1/E5a) + H-ARAIM GPS (L1/L5) + Galileo (E1/E5a) + H-ARAIM
En-route, terminal, initial approach, intermediate approach, non-precision approach (NPA), departure, APV-I, APV-II	GPS (L1/L5) + Galileo (E1/E5a) + DFMC SBAS Galileo (E1/E5a) + DFMC SBAS
En-route, terminal, initial approach, intermediate approach, non-precision approach (NPA), departure, APV-I, APV-II, Category I precision approach	GPS (L1/L5) + Galileo (E1/E5a) + DFMC SBAS Galileo (E1/E5a) + DFMC SBAS
En-route, terminal, initial approach, intermediate approach, non-precision approach (NPA), departure, APV-I, APV-II, Category I precision approach, Cat II/III	GPS (L1/L5) + Galileo E1/E5a + DFMC GBAS

