U-space: a quick overview

EASA Drones team
U-space: UAS traffic management

- U-space project: 2018
- EASA Opinion March 2020
- 1st step regulatory framework being developed
- Service provision
- Volume of airspace
- Exchange of information
- Based on connectivity and Internet services
U-space: a combination of safety means

Operations in U-space airspace will be acceptably safe

- **Airspace design**
  - Required level of safety
  - Airspace risk assessment
  - Airspace geo. limits

- **Dynamic reconfiguration of the U-space airspace**
  - Segregation of manned/unmanned traffic in controlled airspace

- **Electronic Conspicuity of manned a/c**
  - Avoidance by UAS operators of manned traffic in proximity

- **USSPs certification**
  - SMS for a systematic approach to managing safety

**EASA**
U-space: the availability of the information

Common Information Services

- Availability of common information
- Certified ANSPs and USSPs to provide part of the common information
- MS and authorities to provide the rest of the common information
U-space: impact on rotorcraft community

- UAS will operate alongside H
- In controlled airspace:
  - ATC responsible for separation/segregation
- In uncontrolled airspace:
  - Effective signaling of the presence of manned aircraft by means of surveillance tech.
- Everywhere:
  - Communication facilities and exchange of information
Thank you for your attention