



# Standards & Innovation

R&D

Industrialisation

Deployment

**sesar**

JOINT UNDERTAKING

Next**GEN**



Regulation

Standardisation



**sesar**

DEPLOYMENT MANAGER





# Speakers



**Anna von Groote**  
Director General  
EUROCAE



**Munish Khurana**  
Senior Manager Business  
Development  
EUROCONTROL



**Robin Garrity**  
Senior External Affairs Officer  
SESAR 3 Joint Undertaking



# Driving the standard for aviation

## Address aviation stakeholder needs by developing high-quality standards

- Built upon state-of-the-art expertise
- Fit for purpose
- Adopted internationally
- Support operations, development and regulations
- Address emerging global aviation challenges





# WG-105 UAS

## → Scope

- Develop standards for the integration of all types of UAS into all classes of airspace
  - Complementing the UAS regulatory framework with performance-based standards
  - Link with R&D to support deployment of new technology

SG-1

Detect & Avoid

SG-2

C3, Spectrum  
and Security

SG-3

UTM/U-space

SG-4

Design &  
Airworthiness

SG-5

Enhanced  
Automation

SG-6

SORA

## → Current Activities

- D&A IFR and VLL
- UTM Geo-zone & data, Network ID
- Guidance documents for SAIL II & III, Safe design, Guidance on GNSS...
- C-band and Cellular C2 Link
- MOC for SC LUAS, RPS MOPS



# WG-112 VTOL



**WG-112 supporting EASA SC-VTOL**  
Co-Chairs: Volocopter & EASA  
Secretary: EUROCAE & Wisk



## Steering Committee

EUROCAE / EASA / WG leadership / SG leadership

SG-1  
Electrical

SG-2  
Thrust /  
Lift

SG-3  
Safety

SG-4  
Flight

SG-5  
Ground

SG-6  
Avionics

SG-7  
ConOps

SG-8  
Seats  
*(joint SAE)*

SG-9  
EM  
Hazards



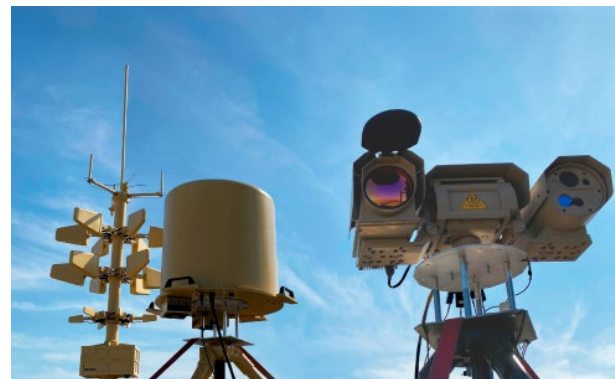
# WG-115 Counter-UAS

## → Scope

- Develop standards to support the safe and harmonised implementation of Counter-UAS Systems into airport and ANSP systems. Focus is on requirements for detection of non-cooperative UAS, along with the interoperability of Counter-UAS systems, including the defeat capabilities, with the airport and ANSP systems.

## → Current Deliverables

ED-xxx	System Performance Requirements for non-cooperative UAS detection systems	Q2/2023
ED-xxx	Interoperability Requirements for Counter-UAS Systems	Q2/2023







# Collaborative Standardisation

## R&D - Industry – Authority Cooperation

- Mutual understanding and common success
- Timeliness
- Sustainable and safe design solutions
- Efficient compliance demonstration methods





# Global Coordination

**Worldwide interoperability and global harmonisation  
need international inputs to develop globally  
accepted and applicable standards**





# For further information ...

