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# From Research to Market: The Strategic Role of Standards

Mark Watson – Technical Programme Manager (EUROCAE)

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



50% joint WGs



WTO OMC

**Coordinating European and global aviation standardisation activities and in developing and maintaining high-quality standards**

- **Build upon the state-of-the-art expertise of our members**
- **Fit for purpose to be adopted internationally**
- **Support operational, development and regulatory processes**
- **Address emerging global aviation innovation and challenges**



## R&D



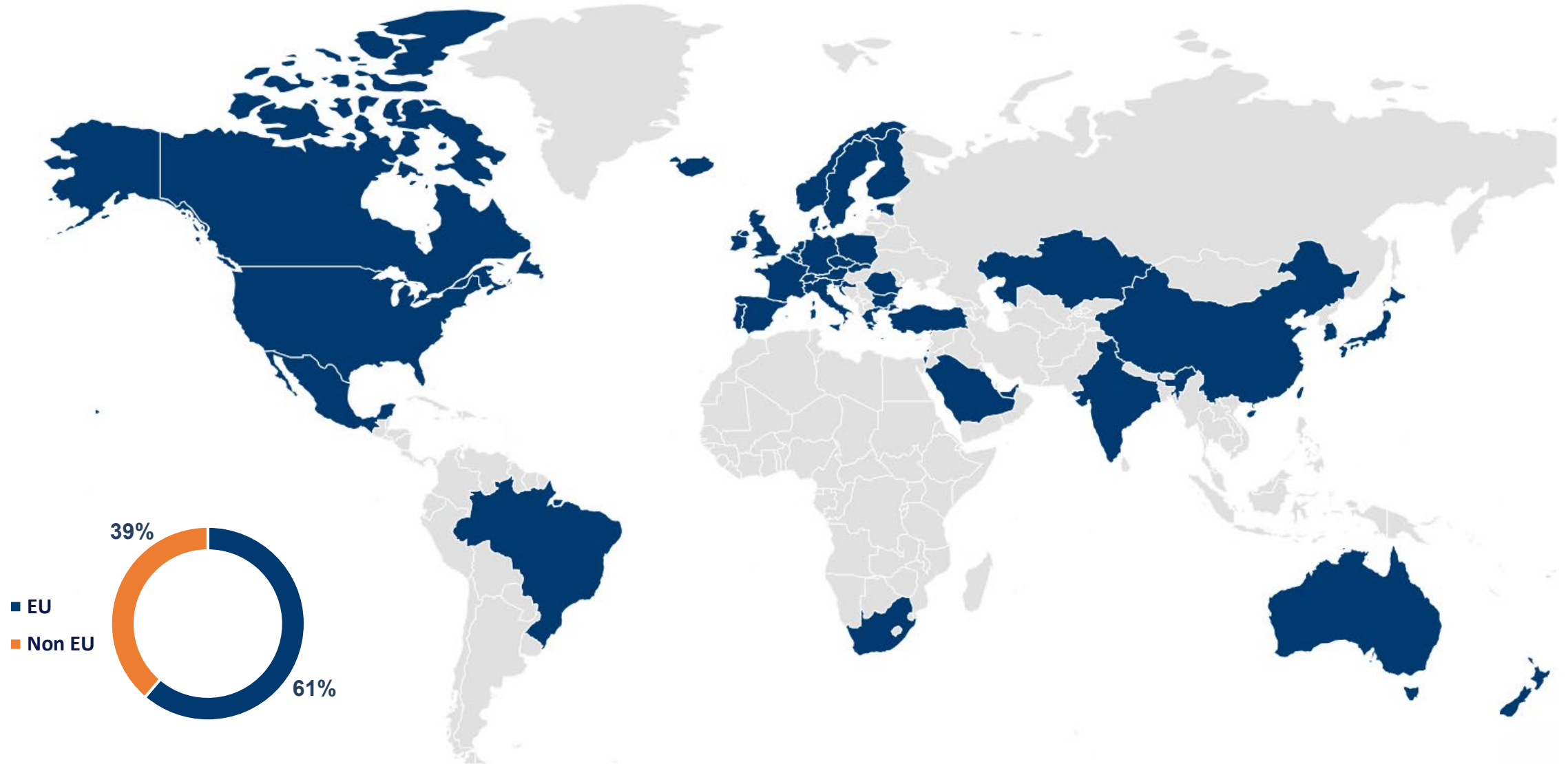
## Industrialisation, regulation, & standardisation



## Deployment



# 470 MEMBERS FROM 45 COUNTRIES



# CONTRIBUTION FROM +5000 EXPERTS



**Together we are driving the standard for aviation**



# NETWORK OF PARTNERS



# SUCCESS STORY: WG-105 'UAS'

## OUTCOMES FROM EDA PROJECTS → INPUTS TO EUROCAE ACTIVITIES



**ED-238** OSED for Traffic Awareness and Collision Avoidance in class A, B and C airspace for RPAS operating under VFR/IFR

**ED-258** OSED for Detect & Avoid (Traffic) in Class D-G airspaces under VFR/IFR

**ED-313** OSED for Detect and Avoid (Traffic) in Class A to G Airspaces under IFR

**ED-271** MASPS for Detect and Avoid (Traffic) in Class A-C airspaces

**ED-271A** MASPS for Detect and Avoid (Traffic) under IFR  
MOPS for Detect and Avoid (Traffic) under IFR



EUROPEAN  
DEFENCE  
AGENCY

**ED-251** OSED for RPAS Automatic Taxiing

**ED-284** MASPS for RPAS Automatic Taxiing

**ED-252** OSED for RPAS Automatic Take-off and Landing

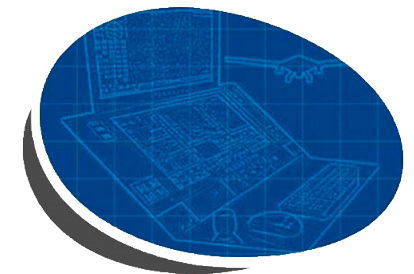
**ED-283** MASPS for RPAS Automatic Take-off and Landing

**ED-253** OSED for Automation and Emergency Recovery

**ED-281** OSED for Automation and Emergency Recovery

**ED-272** MASPS for Remote Pilot Stations supporting IFR operations into non-segregated airspace

**ED-311** MOPS for Command Unit Core Layer of UAS to be operated in the EASA certified category of operations



RPS-Core Standardisation



**ER-018** RPAS 5030-5091 MHz CNPC LOS and BLOS compatibility study

**ED-265** MOPS for RPAS Command and Control Data Link (C-Band Satellite)

Minimum Aviation System Performance Standard for RPAS Command and Control Data Link

DeSIRE

## ✈️ +15 Austrian Members



## ✈️ Presence in the Council

✈️ Vicepresident: Michael Holzbauer (Frequentis)



## WG-41: Advanced Airport Surface Movement Guidance and Control Systems (A-SMGCS)



## WG-72: Aeronautical Systems Security



## WG-100: Remote & Virtual Tower (RVT)



## WG-105: Unmanned Aircraft Systems (UAS)





# EUROCAE SYMPOSIUM & GENERAL ASSEMBLY

22-23 APRIL 2026  
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- ED-12C Aviation Software Standards - Airborne
- Voice over Internet Protocol (VoIP)
- Cockpit Voice Recorder (CVR)
- Aviation Software Standards - ATM



# FOR FURTHER INFORMATION



  
**ANNUAL REPORT**  
2024

THE EUROPEAN ORGANISATION  
FOR CIVIL AVIATION EQUIPMENT

L'ORGANISATION EUROPEENNE  
POUR L'EQUIPEMENT DE L'AVIATION CIVILE


 #232025

**BROAD  
CAST#23**

  
GET TO KNOW  
THE PEOPLE BEHIND  
THE EUROCAE COUNCIL

  
WG-31'S MISSION  
ON ELECTROMAGNETIC  
HAZARDS

  
EUROCAE SYMPOSIUM  
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**Driving the  
standard  
for aviation**

Founded in 1963, EUROCAE is the European leader in the development of worldwide recognised industry standards for aviation.

 **NEWSblog**

**In the July edition**

|                           |  |
|---------------------------|--|
| <b>Council Meeting</b>    | <b>Symposium 2026 - Save the Date</b>  |
| <b>Presence at Events</b> | <b>Upcoming Working Group Meetings</b> |
| <b>Meet our Experts</b>   | <b>Upcoming Training Sessions</b>      |

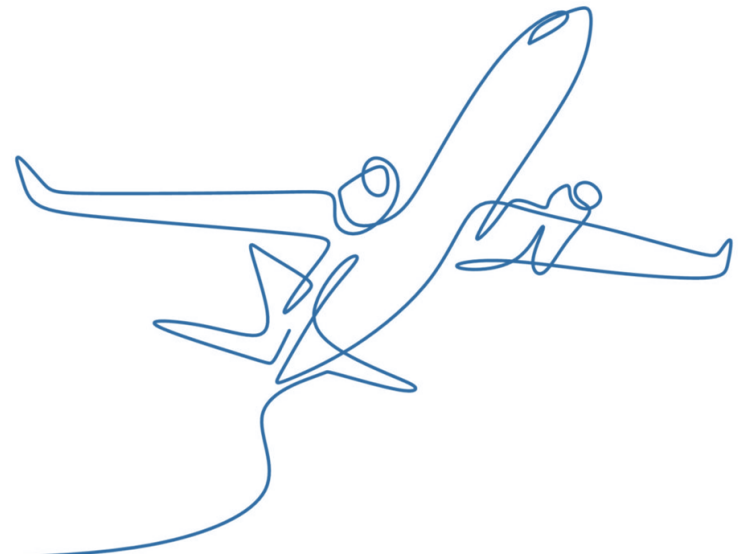
FOR FURTHER INFORMATION



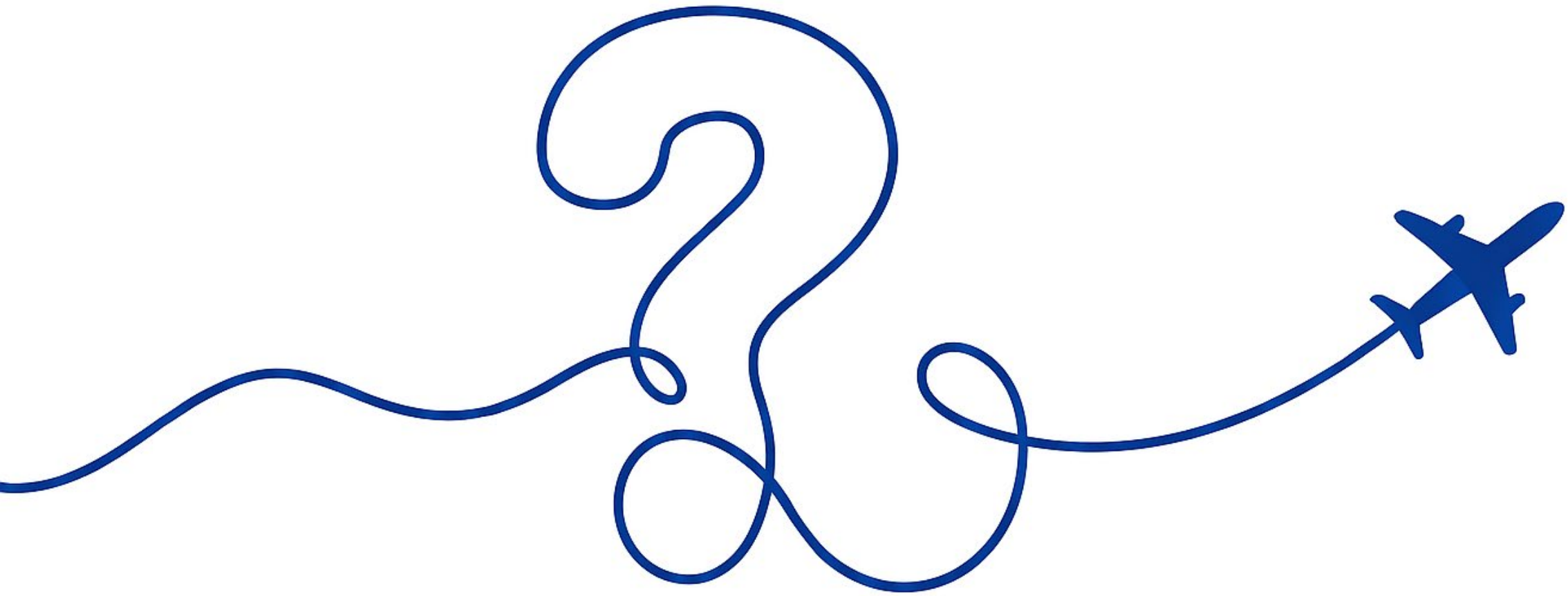
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- **Standards are the bridge from research to real-world deployment.**
- **Global collaboration is essential to deliver safe, secure, sustainable innovation.**
- **EUROCAE plays a key role in turning ideas into operational reality.**



# QUESTIONS



— **THANK YOU** — 

Mark Watson



Co-funded by  
the European Union