

Regulation and Standards

- Driving the Standard for Aviation



EUROCAE at EU Drone Days, 30 November 2022

Alain Vallée, Technical Programme Manager

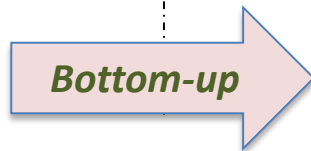
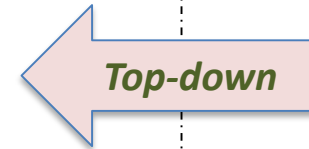
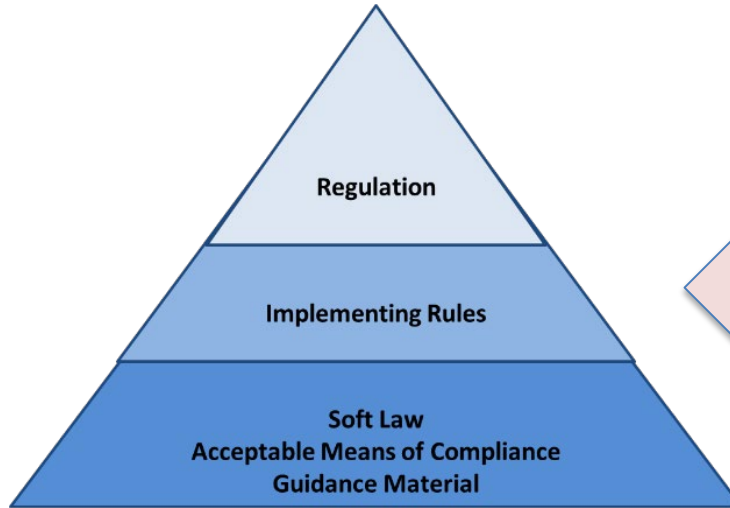


Industry Standards

S&T / R&D



Regulation & Standards



Deployment





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
- :: Coordination with other stakeholders

→ **Current activities**

- Detect and Avoid
- Enhanced RPAS Automation
- UTM / U-Space
- C3, Spectrum and Security
- Design & Airworthiness
- SORA



Activities on UTM/U-Space

→ UTM/U-Space activities

- Network Identification Service of UAV for A/UTM/U-Space
- ∴ Technical Specification for Geographical Zones and U-Space data provision and exchange
- ∴ U-Space Geo-Awareness Service
- Flight Planning and Authorisation Service for Global Awareness in A/UTM/U-Space
- Traffic Information/Situation Dissemination Exchange Format and Service





Global Coordination

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



International SDO



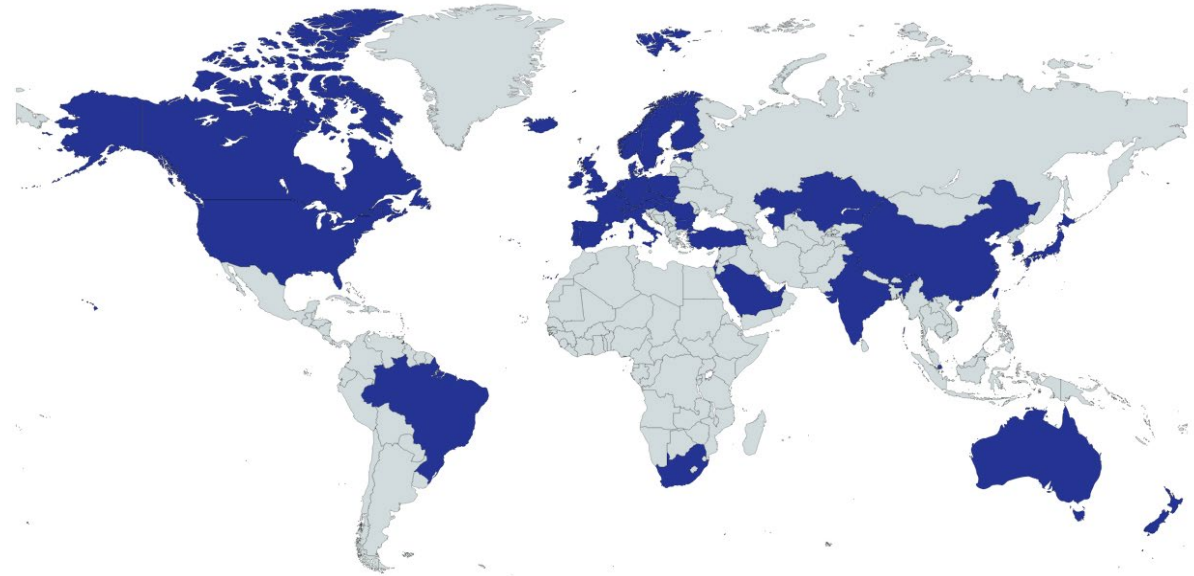
WTO OMC
Listed as SDO



50% joint WGs



10% joint WGs



Partnership and MoU/MoC with International Associations and major SDOs