

# EUROCAE – Driving the Standard for *Innovative* Aviation



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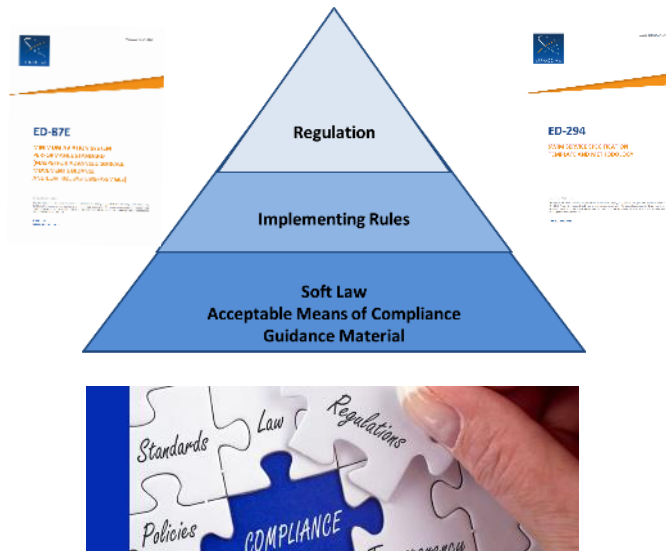


# Supporting Deployment with Industry Standardisation

R&T / R&D



## Rules & Regulation and Standards

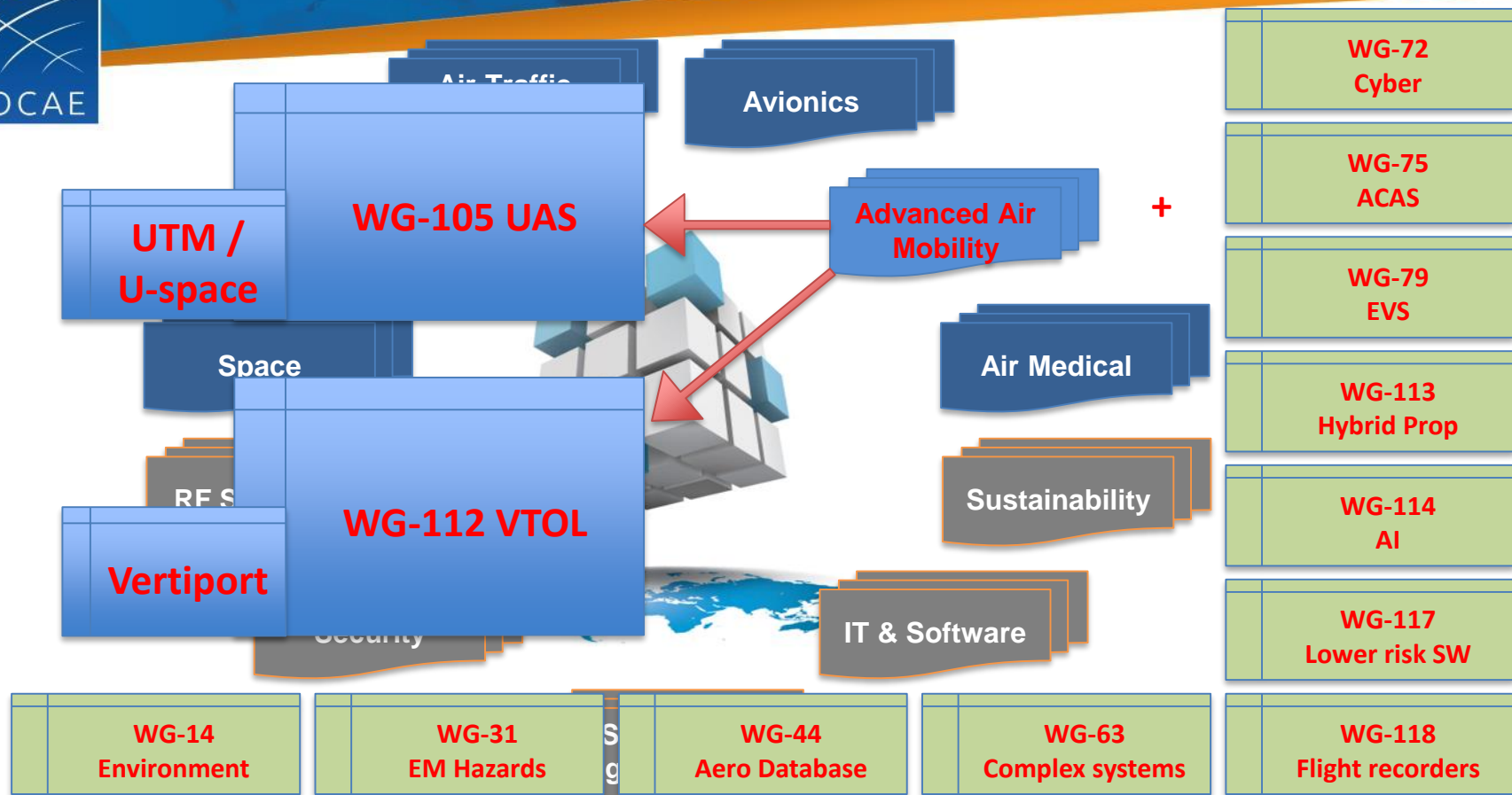


Deployment








# Domains of Activity








# WG-105 UAS

From WG-105 ...				... to Industry and Regulators
	Open Low risk 	Specific Increased risk 	Certified Similar to manned aviation 	
DAA		<i>Recommended standards iaw. SORA and U-Space Dev.</i>	<i>OSD, MASPS/MOPS</i>	(E)TSO & AMC
C3&S			<i>MASPS/MOPS for C-Band Satellite C2DL and Comm by Cellular Networks</i>	(E)TSO & AMC
D&AW		<i>Guidance on recommended standards</i>	<i>AMC 1309 inputs &amp; Guidance for FHA RPS-ATI MASPS, RPS Core Layer MOPS Guidance to support SC-LUAS</i>	AMC to CS/SC
ERA			<i>OSD, MASPS for Autotaxi, ATOL and Automation &amp; Enhanced Recovery</i>	(E)TSO



# WG-105 UAS

From WG-105 ...				... to Industry and Regulators
	<div>Open</div> <div>Low risk</div> <div></div>	<div>Specific</div> <div>Increased risk</div> <div></div>	<div>Certified</div> <div>Similar to manned aviation</div> <div></div>	
UTM	<div>MOPS on e-ident and geo-fencing</div> <div>U-Space Geo-Awareness Service</div> <div>Geographical Zones and U-Space data provision and exchange</div> <div>Network Identification Service</div> <div>Flight Planning and Authorisation Service</div> <div>Traffic Information/Situation Dissemination Exchange Format and Service</div>			AMC/GM
SORA		<div>Guidance on Safe Design,</div> <div>Autoprotection, GNSS,</div> <div>Guidelines for SAIL</div> <div>application</div>		AMC/GM



# WG-112 VTOL



**WG-112 supporting EASA SC-VTL**  
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



# Advanced Air Mobility Work Programme

## → **WG-105**

- **19 Published Standards**
- **3 Standards in Final Phase (OC, CR, FA)**
- **19 Under Development**

## → **WG-112**

- **9 Published Standards**
- **4/5 Standards in Final Phase (OC, CR, FA)**
- **25+ Under Development**
  - **More to come in support of SC-VTOL MOCs Phase 4**





# Collaborative Standardisation

## R&D - Industry – Authority Cooperation is essential

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

