



EASA
Innovative Air Mobility
Implementation Forum

In cooperation
with:



UAS industry and authorities: tying the knot



Jan-Erik PUTZE
*President of the Board of
Alliance for New Mobility
Europe*



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*Director of Civil Aviation
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Defence industries (ASD)*



Kevin HOUSTON
*President of Drone
Alliance Europe*



Koen DE VOS
*Secretary General of
Global UTM Association*



Julie GARLAND
President of JEDA


Alliance For New Mobility Europe



Jan-Eric Putze

President AME
CEO Droniq





Alliance for New Mobility Europe

DRONIQ

uniFLY
enabling autonomous aviation

ig
instituto
tecnológico
de galicia

ENAIRE



Hochschule für den
öffentlichen Dienst
in Bayern

Fachbereich
Polizei

ABIONICA
solutions

d-flight



Drone
Solutions

bluenest
by globalvia



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

UNISPHERE

SKYPUZZLER
ADVANCED AIR MOBILITY

EUROUSC
ITALIA

VAISALA

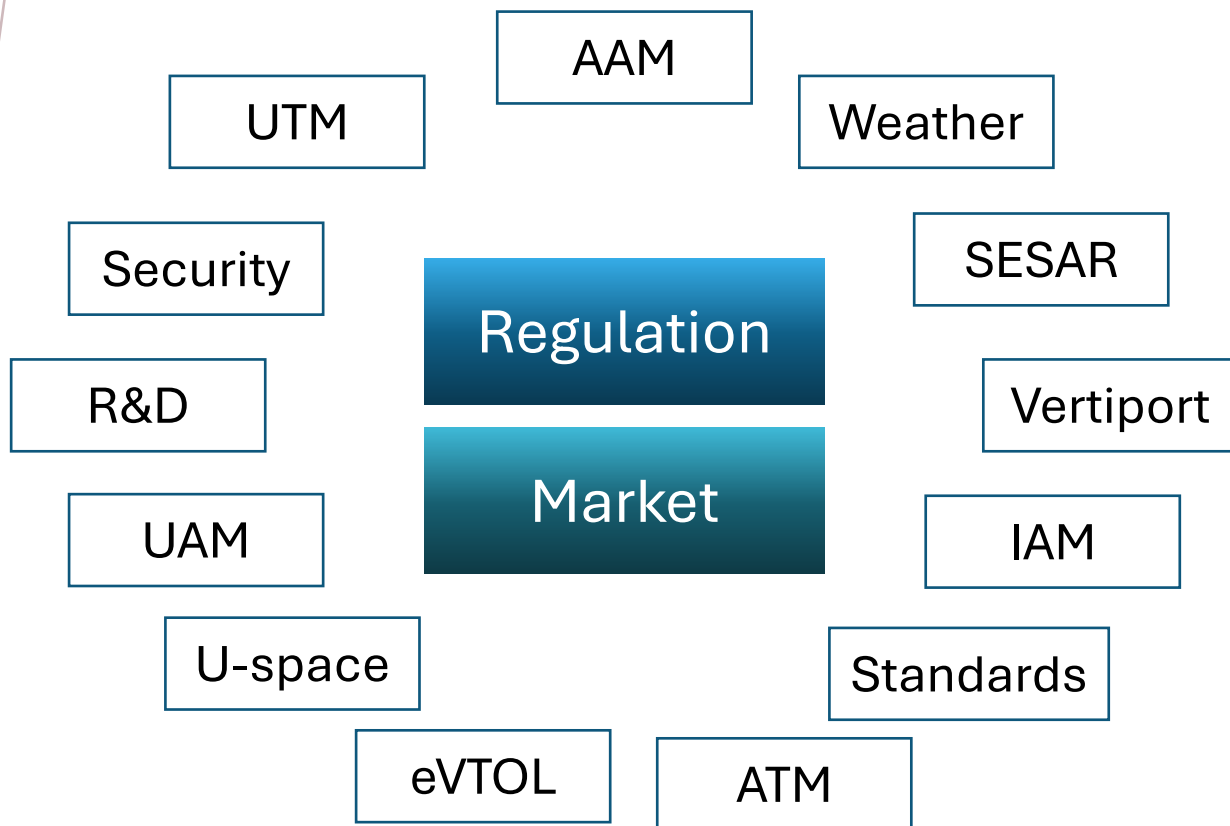


CRISALION
MOBILITY

CEP LIS
Bavarian Centre of Excellence for Aerial Police and Security Research

INNOV
ATM

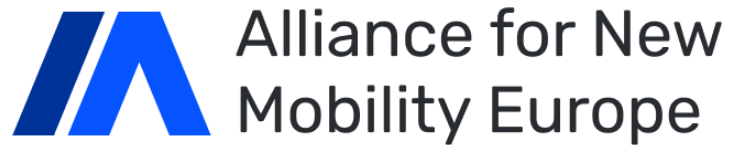
What We Cover



3 Take Aways

Issues to address:

- ❑ Delays in operational authorisations by NAAs
- ❑ Standardisation across Member States
- ❑ Access to U-space airspace



@ Your Service



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ASD :

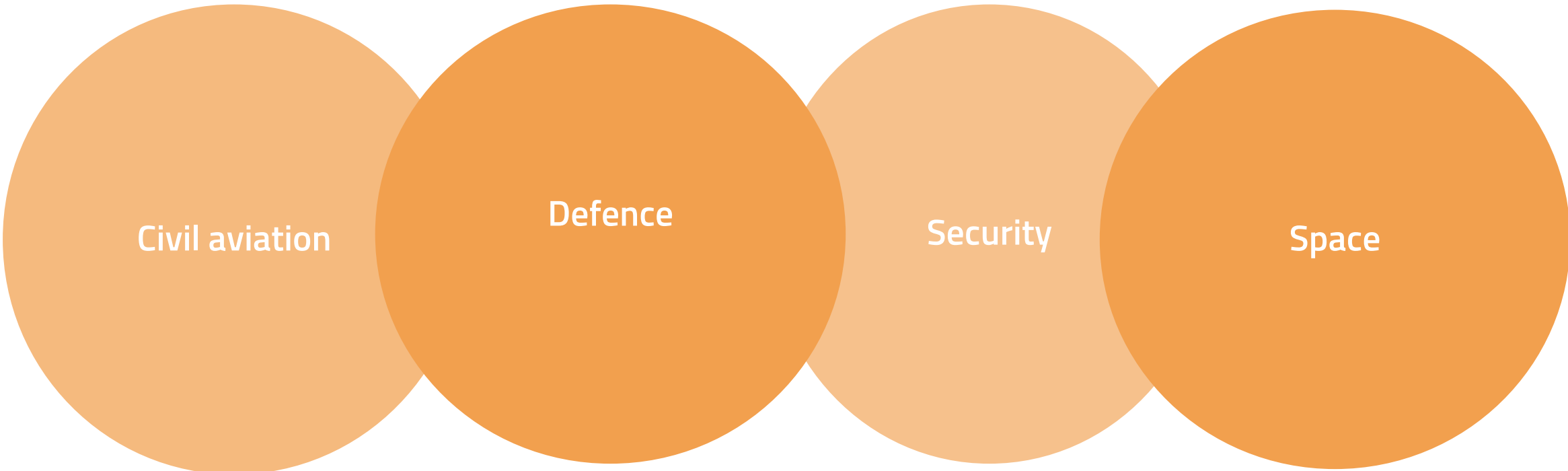
EU manufacturing industry association



Vincent DE VROEY

*Director of Civil Aviation
at AeroSpace and
Defence industries (ASD)*

ASD is the voice of European aeronautics, defence, security and space industries actively supporting the competitive development of the sector



Industry facts and figures

€ 260 bn turnover in 2022 in EU MS	921,000 direct employees in 2022	3,570,000 workers indirectly employed by the industry in the EU in 2022	ASD members account for 98% employed in the industry in EU
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ASD's members

Company members	AIRBUS		Avio Aero»	National associations		AED CLUSTER PORTUGAL AERONAUTICS, SPACE AND DEFENCE	ADS
		DIEHL	FINCANTIERI		.AGORIA		
	HENSOLDT <small>UNMANNED SYSTEMS</small>	indra	KNDS			 <small>Bundesverband der Deutschen Sicherheit- und Verteidigungsindustrie e.V.</small>	 <small>Bundesverband der Deutschen Luft- und Raumfahrtindustrie e.V.</small>
		LIEBHERR	 <small>EUROPEAN MISSILE DEFENCE</small>	 <small>FRENCH DEFENCE INDUSTRY</small>	 Dansk Industri	 <small>FEDERATION OF SPECIALIZED INDUSTRIES</small>	GIFAS 
		Patria			 The Irish Defence and Security Association		 NiDV DEFENCES SECURITY <small>NIJVERHEIDEN EN VERBODEN DE WAPENEN</small>
			SAFRAN	 <small>ORGANIZAȚIA PATRONALĂ INDUSTRIA DE APĂRARE</small>	 <small>SASAD SOCIETATEA ROMÂNĂ DE INDUSTRIE AEROSPACIALE ȘI DE ÎNCĂLZIRE</small>	 <small>SEKPY HELLENIC MANUFACTURERS OF DEFENSE MATERIAL ASSOCIATION</small>	 <small>SOFF South of France & Defense Industry Association</small>
sopra 	THALES			 <small>TEDAE Defence Technology, Innovation and Security</small>	 <small>WIRTSCHAFTSKAMMER ÖSTERREICH ÖBÖW Wirtschaftskammer Österreich Österreichischer Wirtschaftsbund</small>		



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Kevin Houston

President

About DAE



- Drone Alliance Europe (DAE) is a **coalition of leading technology** companies representing the commercial & civil drone industry active in the EU &UK .
- DAE advocates on its members' behalf to **advance the development** of the drone industry in Europe.
- Our membership focuses on operations in the **"Specific" category**
- Aims to foster implementation of regular commercial UAS activity in **European markets**.

DAE Members



DAE - Goals



- **Regulation Harmonization.**

*Promote harmonization of drone regulations around best practices, with a sharp focus on the EU and create a more conducive environment for the industry to **commercially scale up**.*

- **Build Social Acceptance.**

*Alleviate the concerns of stakeholders and of decision-makers around the **negative aspects** of UAS, highlighting the environmental, **economic and social benefits** of the drone industry.*

DAE Members



DAE - Points



- **Standardisation** of SORA applications and their **assessments** across NAAs
- Addressing **overlaps** between open and low risk specific category operations (Proportionality)
- Support creation of **commercially scalable** and interoperable BVLOS operations

DAE Members



DAE - Points



- Raise awareness about the drone industry's **potential** for economic growth, jobs, innovation, and environmental **benefits**
- DAE has a **particular focus** for membership which is good for new members.
- Cooperate with EASA and **other associations**
(This first Step is **huge** – Thanks to EASA)

DAE Members



DAE



A Viable Business model is at the very core of what everyone at this conference should keep to the forefront.

No viable business model = No future

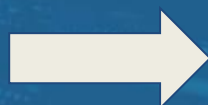
This is at the core of what DAE stand for.

DAE Members



Global UTM Association

A wave of digitalization is impacting aviation

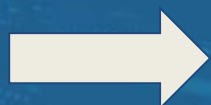


Koen DE VOS
*Secretary General of
Global UTM
Association*



Global UTM Association

A wave of digitalization is impacting aviation



Global UTM Association

Digitalization = Profound changes:

What will be automated - where is value?

What services? DATA

What business models? Silo or integrated

What remains aviation specific? SoftWare!

How regulate big data? Automate oversight



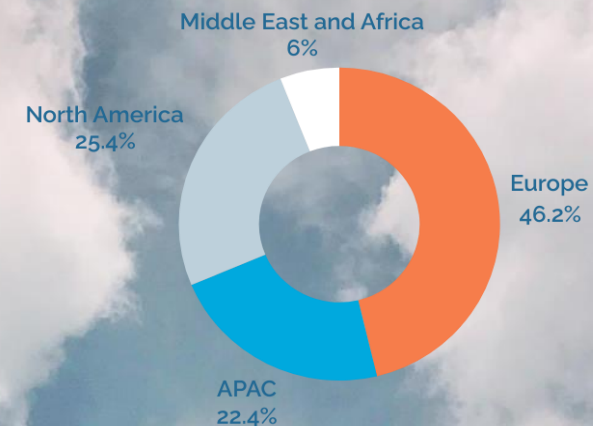
Global UTM Association

These are global technologies



We are global

Australia - Japan - China - Singapore -
MENA - Europe - US



Global UTM Association

These are emerging markets



We represent digital aviation

Traditional aviation: ANSPs ASA, Skyguide, Skeyes...

New aviation: Wing, Amazon, Zipline, DroneUp...

Software & IT companies: SkeyDrone, ANRA...

Infrastructure companies: Ericsson, Dimetor...

Regulators: CASA, IAAC, FOCA, FAA (+ NASA)



Global UTM Association

Our deliverables our impactful



Building blocks of UTM system

USSPs' Safety Support Assessment

ASTM standards mappings

USS Data Sharing Agreement

Mobile Network Services for Drone Operators Report

Secure Resilient UTM Report

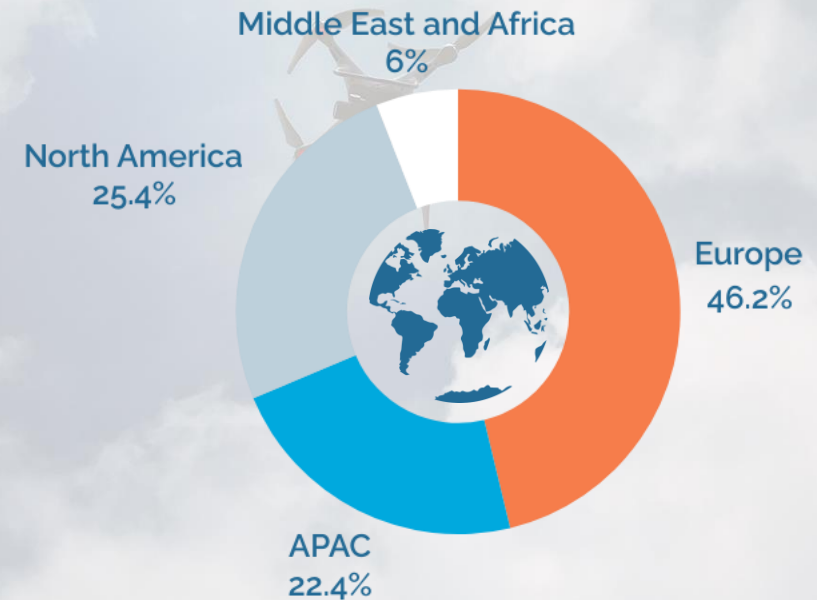
Global UTM Ecosystem's Readiness Index



Ecosystem

You are invited to Dallas!

Harmonized Skies is the key platform for digital aviation stakeholders to collaborate HS2024 in the FAA congress centre Fort Worth, Texas, from 13-15 November.



JEDA – Joint European Drone Associations

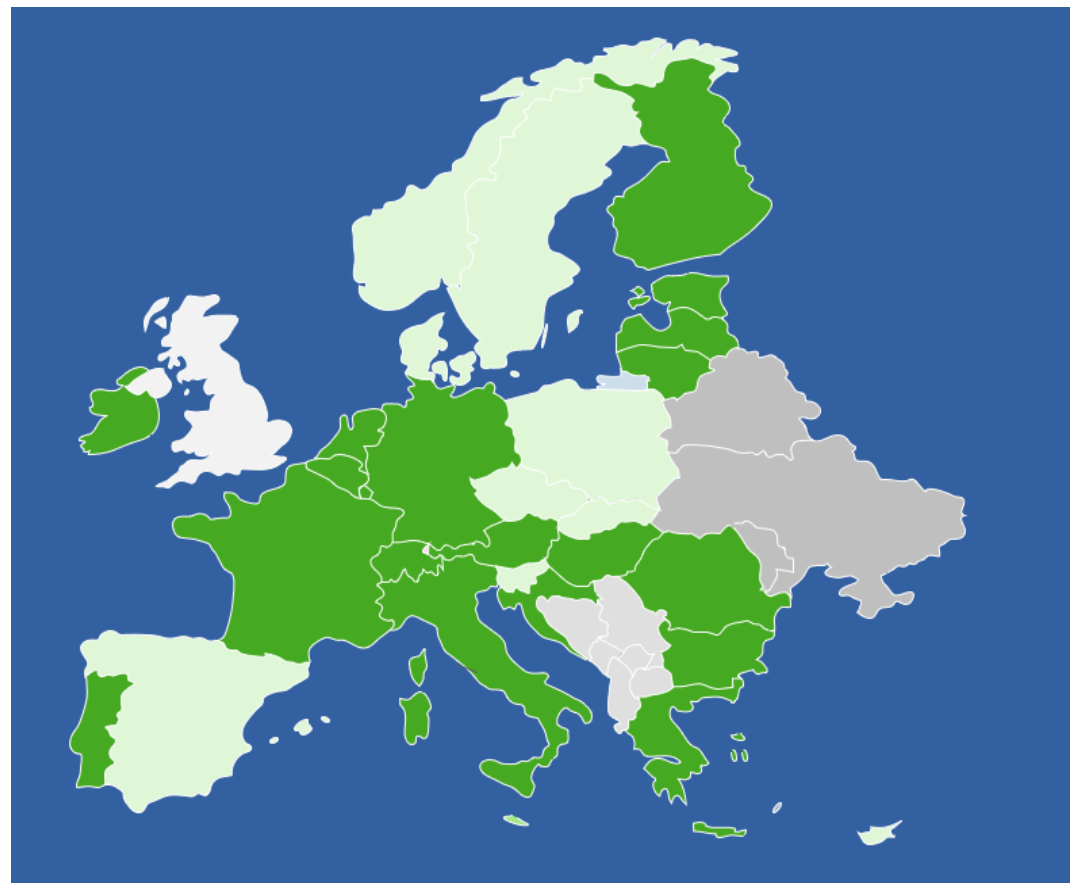


Julie GARLAND
President of JEDA

Update October 2024 – EASA IAM Implementation Forum

JEDA – Who we are

- 22 national associations from 19 states
- ~ 4.000 members
- Seat and headoffice: Brussels
- EU-Transparency register
- Recognised and liaise with EASA, EUROCONTROL, EDA, SESAR 3 JU, EUSCG, JARUS & ICAO to name a few



JEDA – Who we are

- **Umbrella organisation for the national associations of Uncrewed Aviation in Europe (Founded 2021)**
- **Unified, united voice representing Operators, OEMs, Service Providers, Training Organisations and Research Facilities varying in size, scale of operations and risk profiles.**
- **POC (Point of Contact) for European Commission, EASA, other National & International Aviation Authorities and professional organisations**
- **Network for JEDA-members (national associations and their members) also by its competence groups (currently three CG)**
- **Supporting (on request) JEDA-members at seminars and conferences hosted by the members**

#2 Executive Committee | Board



JEDA Executive Committee 2022 - 2026

President	Julie Garland
Vice President	Philippe Boyadjis
Vice President	Vidmantas Kairys
Treasurer	Laurent Geeraerts
Secretary	Stefan Hristozov Aurelié Joy Pascual-Werner

elected until
Feb 2026

Competence Groups

JEDA's Competence Groups (CG)

gathering informations and working for a better drone economy

CG 1:

European regulations Implementation in the MS

Head of CG: Philippe Boyadjis philippe.boyadjis@jeda-uas.eu



CG 2:

Training – Program and organisation

Head of CG: Roel van der Wal r.vanderwal@droneflightacademy.eu



CG 3:

Technical issues – Manufacturing, certification, consultations

Head of CG: Nathanel Apter nathanel.apter@uasolutions.ch



EASA – JEDA

- **MoU signed June 2024 MEMORANDUM OF COOPERATION between EASA and JEDA**
- **Evaluate the efficacy and proportionality of the EU UAS Regulation**
- This memorandum affirms a **“political” will of each party to work hand in hand** on this subject
- The **event reporting campaign** would be handled by a specific working group led by Laurent Geeraerts

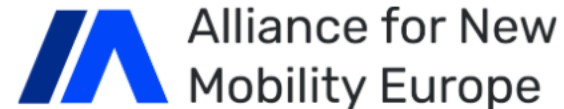


22 Oct 2024 ▶ 23 Oct 2024



EASA

Innovative Air Mobility Implementation Forum



<https://www.easa.europa.eu/en/newsroom-and-events/events/easa-innovative-air-mobility-implementation-forum>

Thank you

Go raibh maith agat

Merci vilmal

Köszönöm szépen

Grazie

Kiitos

Multumesc

Merci

Aitäh

Dèkui

Hvala

Vielen Dank

Obrigado

Dank u wel

Paldies

Благодаря

Villmools merci

Gracias

Efharisto



- Thank you for reaching out
- We need to create regulatory framework together
- We are ready assume responsibilities
- First ideas for a promising process of cooperation



- Implementation
- Digitalization
- Harmonization
- Simplification

Implementation of 945 - 947 - 661

- We appreciate the direction & substance of the rules
- We appreciate the legal certainty - with rights and obligations
- We seek a delicate balance between rights and obligations:
 - the right to have the SORA application treated in a reasonable amount of time;
 - the right to become certified as a USSP in a reasonable amount of time;
 - the right to operate in a U-space airspace in a reasonable amount of time

Digitalization

- We are in the same boat of managing digitalization & automation
- Drone and U-space = automation of piloting and ATC functions
- And oversight? Need to look for automation of oversight tasks
 - pooling of precious digital competencies
 - Automation of SORA approvals;
 - establish simple onboarding processes for certified operators that want to operate in another member state than the certifying member state;



Harmonization

- Global technologies need scale - at least regional, preferably global
- Implementation should not lead to fragmentation
 - more harmonized approach of SORA applications across the EU
 - streamlined certification and onboarding processes
 - general acceptance of international standards (e.g. identified in Shepherd);