The Manufacturers' view

The World is not enough – setting the scene

Kraków, 8 November 2017

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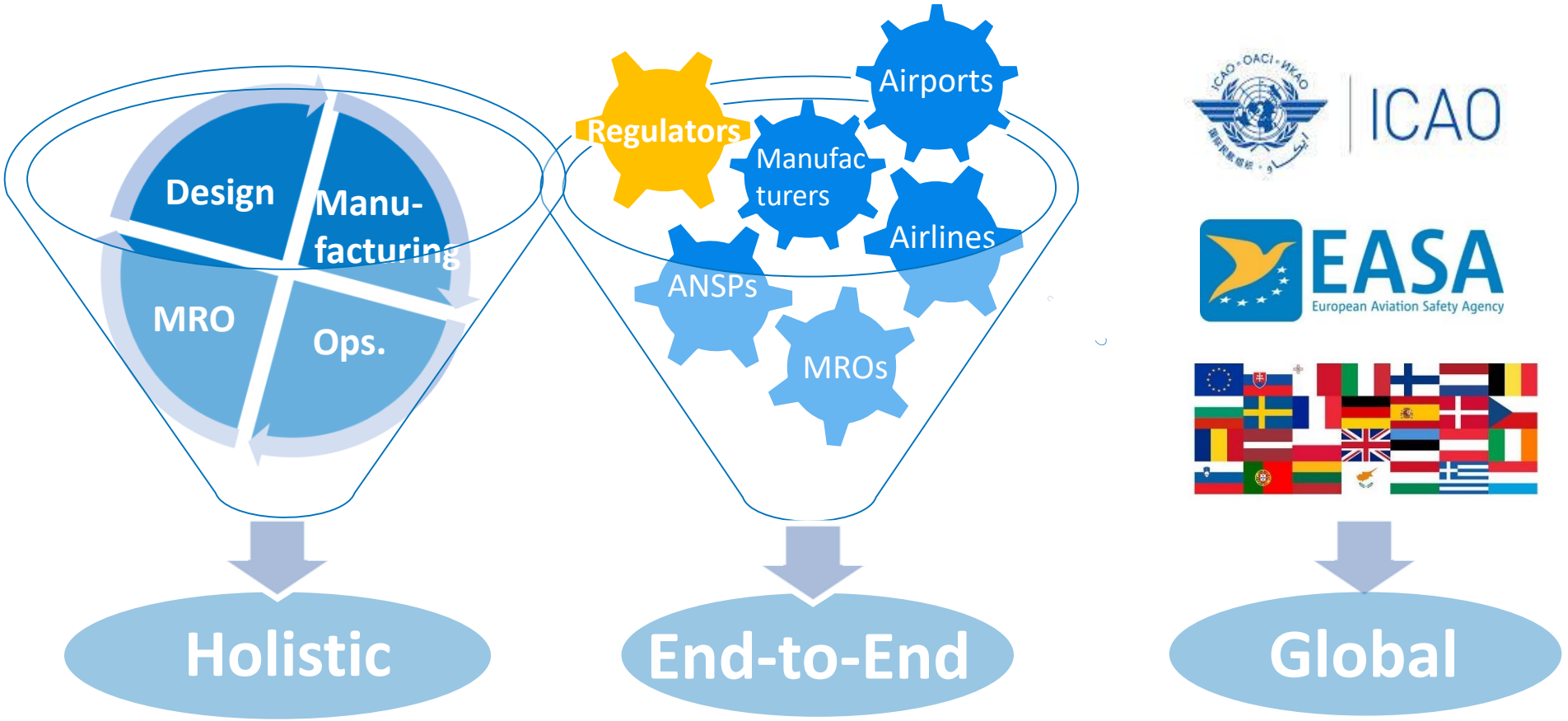
ASD
AeroSpace and Defence Industries
Association of Europe

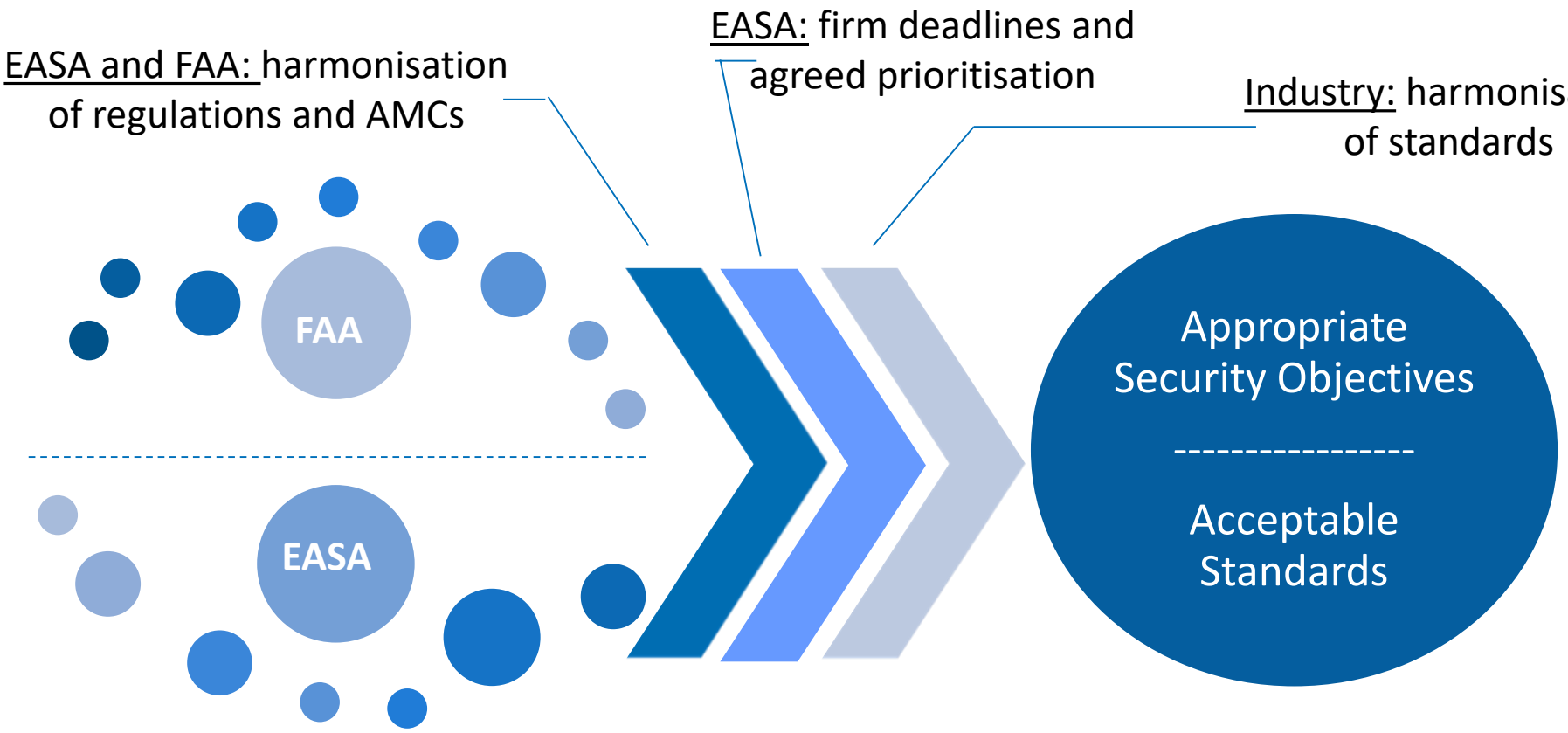
ASD Civil Aviation Cybersecurity Task Force Participants

Our need: a comprehensive risk response plan



+ future-proof /+ Coordinated **/+** Performance-based

Rulemaking and standardisation:



+ EASA leadership to avoid competing standard making activities;
+ EASA commitment to contribute to standards-making activities;
→ **EASA needs a detailed roadmap including regular milestones**

EU Research & Innovation

Prepare the next MFF (FP9)

- short term VS long term
- Resilient VS Secure
- Sector-specific VS transversal ?

Align EU roadmaps

- resolve overlaps
- fill the gaps
- make best use of available funds

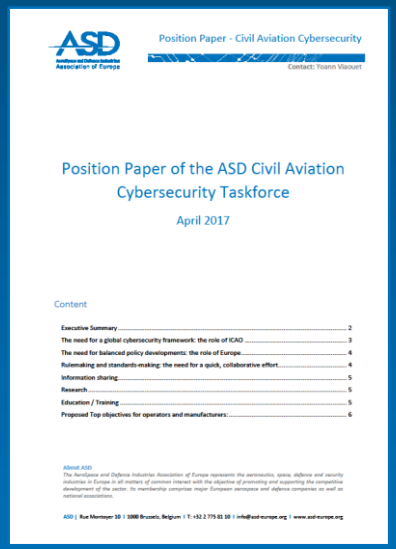
Involve EASA

- to link science, innovation, deployment and policy.

→ **Policy-makers must acknowledge <u>Civil Aviation</u> cybersecurity as a key priority**

Thank you

Read our Position Paper →


Position Paper - Civil Aviation Cybersecurity

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Position Paper of the ASD Civil Aviation Cybersecurity Taskforce

April 2017

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About ASD

The AeroSpace and Defence Industries Association of Europe represents the aeronautics, space, defence and security industries in Europe in all matters of common interest with the objective of promoting and supporting the competitive development of the sector. Its membership comprises major European aerospace and defence companies as well as national associations.

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Annex 1: Proposed top level cybersecurity objectives

		Manuf	Ops	ANSP	Airp	MRO
Integrate cybersecurity in risk management (for the civil aviation critical assets)	Identify civil aviation critical assets	X	X	X	X	X
	Define roles, responsibilities and processes regarding cybersecurity risk management	X	X	X	X	X
	Deploy training programs and awareness sessions	X	X	X	X	X
	Assess risks and regularly monitor residual risks	X	X	X	X	X
Protect critical systems	Protect Networks, Systems and data	X	X	X	X	X
	Secure External networks and remote sites connection	X	X	X	X	X
	Ensure vulnerabilities management and mitigation (including COTS)	X	X	X	X	X
Detect cyber attacks and react	Deploy cybersecurity monitoring capabilities and cyber incident management	X	X	X	X	X
	Prepare cybersecurity crisis management and short term recovery	X	X	X	X	X
	Maintain a cartography of systems and networks	X	X	X	X	X
Define secure development and delivery	Establish risk-based development processes	X	X	X	X	X
	Secure deliveries and supply chain (e.g. through the use of digital signature)	X	X	X	X	X