

FLY AI Forum:

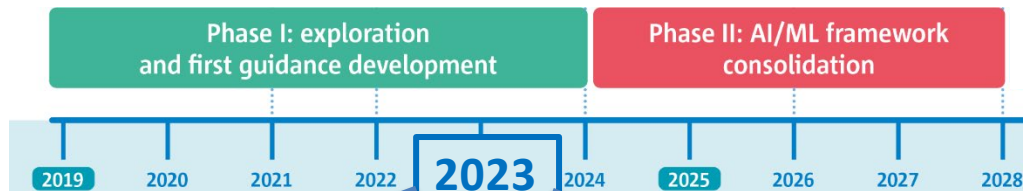
EASA Human-centric AI Roadmap

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AI Programme - 2023 Highlights



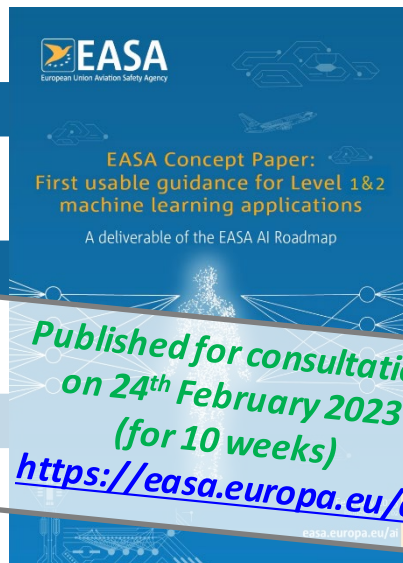
AI Concept Paper Issue 02

EASA AI Roadmap 2.0 (May 2023)

Learning Assurance
& AI Explainability

Human-AI Teaming

Ethics-based
assessment



Extension of technical scope:

- Reinforcement Learning
- Symbolic / Hybrid AI



Update timeline

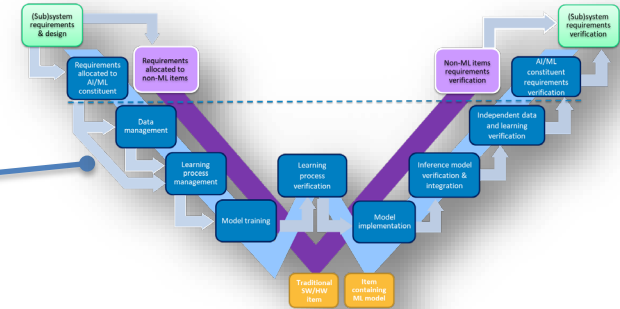
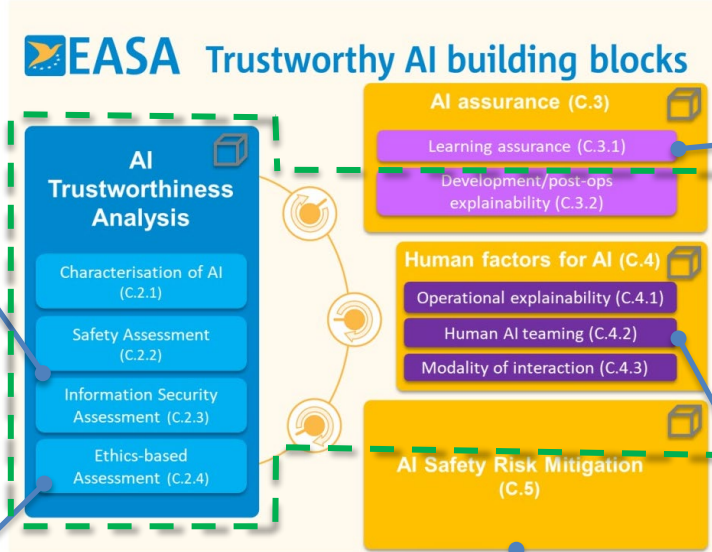
- Update current action plan
- Add ATM domain timeline



Anticipate consolidation phase II

- Develop Rulemaking Plan
- Anticipate impact on all domains

EASA guidance for Level 1&2 AI applications



Human-centric guidance scope



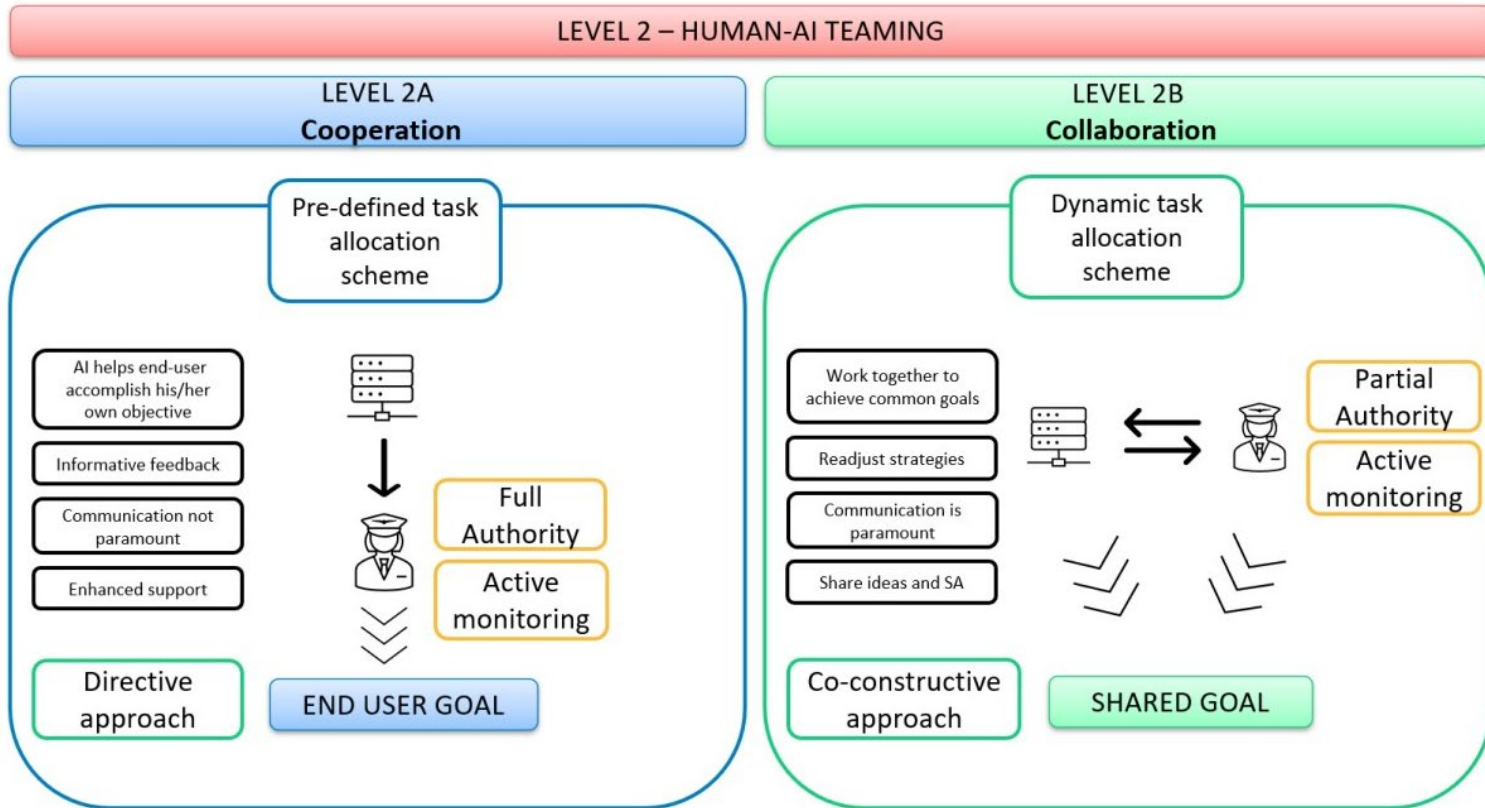
The classification scheme - “Levels of AI”

AI level	Function allocated to the system to contribute to the high-level task	Authority of the end user
Level 1A Human augmentation	Automation support to information acquisition	Full
	Automation support to information analysis	Full
Level 1B Human assistance	Automation support to decision-making	Full
Level 2A Human-AI cooperation	Overseen and overridable automatic decision	Full
	Overseen and overridable automatic action implementation	Full
Level 2B Human-AI collaboration	Overseen and overridable automatic decision	Partial
	Overseen and overridable automatic action implementation	Partial
Level 3A Supervised advanced automation	Supervised automatic decision	Upon alerting
	Supervised automatic action implementation	Upon alerting
Level 3B Autonomous AI	Non-supervised automatic decision	Not applicable
	Non-supervised automatic action implementation	Not applicable

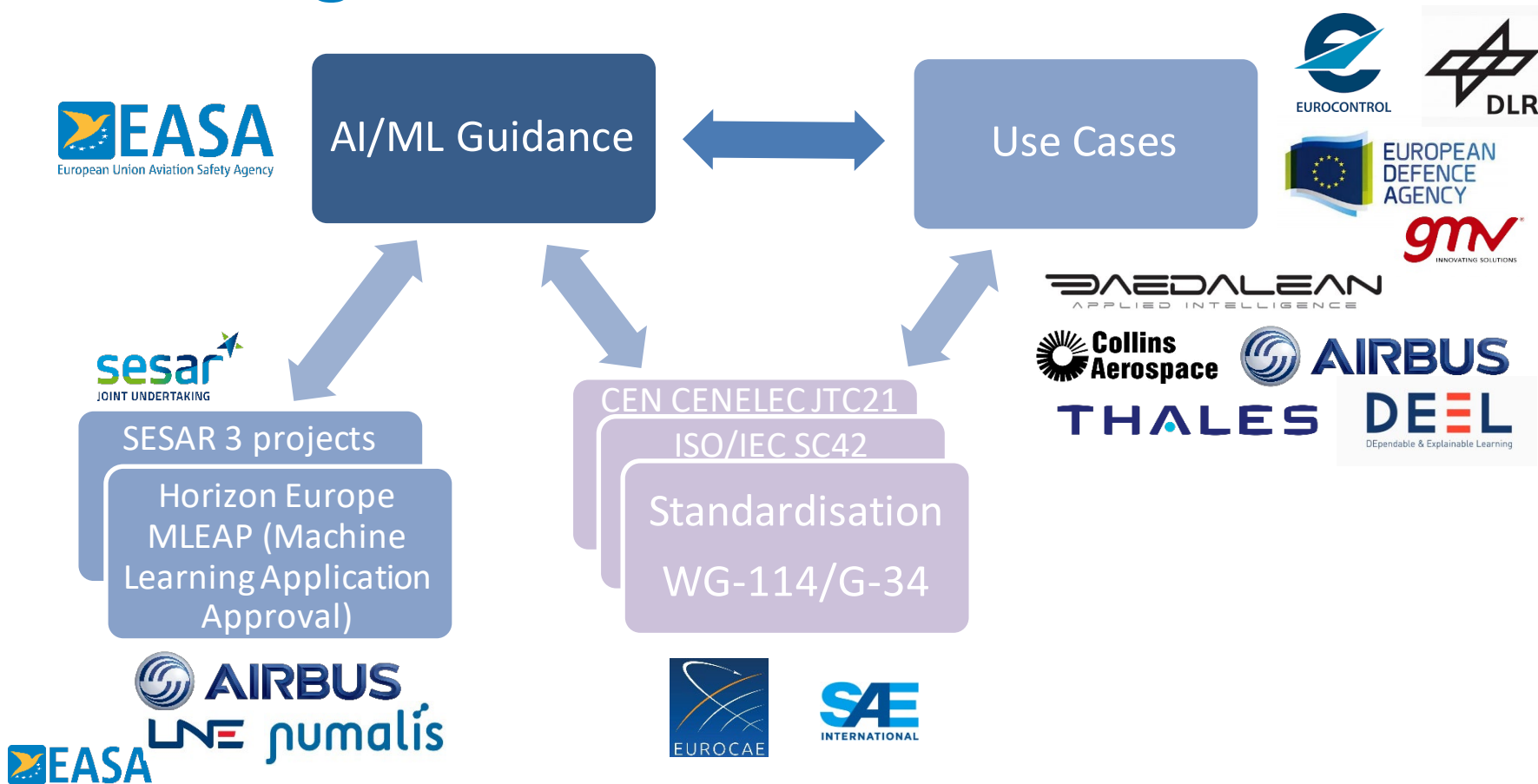
→ Adding an intermediate level 2A (HAI cooperation)

→ Introduction of consideration on the **authority of the end-user**

Human AI Teaming – concept overview



Exercising the AI Guidance with use cases



Thank you for your attention!

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Any question?

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