**Information and Networking Event
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HORIZON-CL4-2024-HUMAN-03-02: Explainable and Robust AI
24 May 2024

- Dependable AI: How to use Artificial Intelligence in critical applications?
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Engineering Dependable AI Systems

Fraunhofer IESE: Your Partner for Reliable, Explainable, and Robust AI Solutions

- **Who We Are**: Fraunhofer IESE, a leading research institute specializing in dependable systems and software engineering for AI.

- **Our Mission**: To ensure AI systems are safe, reliable, and trustworthy, especially in critical applications like autonomous driving, industrie 4.0, and medical technology.

- **Our Expertise**: Over 25 years of experience in systems engineering, AI strategy development, AI validation, and AI auditing.
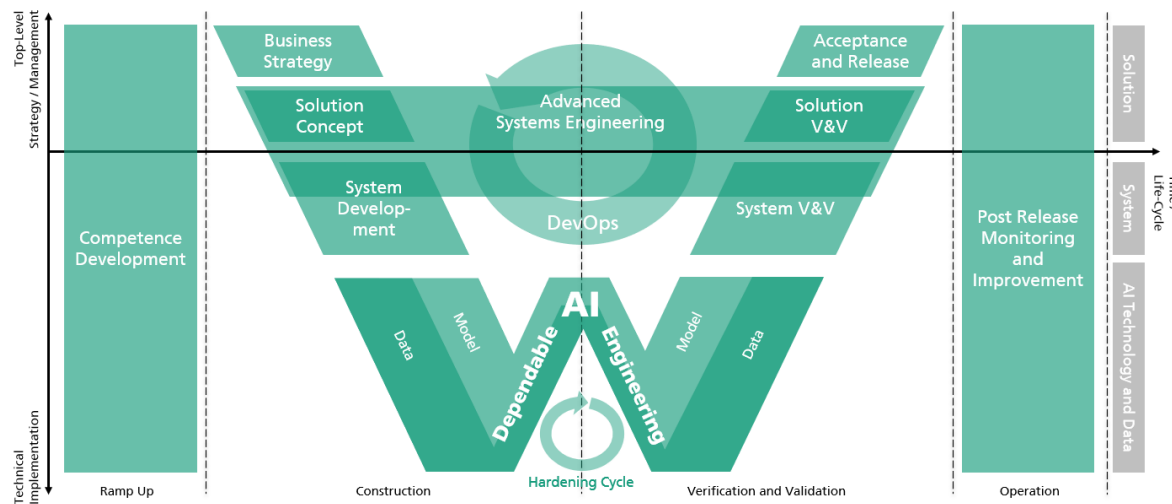

Fraunhofer Institute for Experimental
Software Engineering IESE

Our Core Competencies

- **AI Strategy Development:** Crafting tailored AI strategies to meet business goals and regulatory requirements.

- **AI System Engineering:** Applying robust engineering principles to build dependable AI systems.

- **AI Assurance and Validation:** Comprehensive validation and auditing processes to ensure AI systems function safely and as intended.

- **Compliance and Normative Requirements:** Ensuring adherence to legal standards, e.g. AI Act, and ethical guidelines for trustworthy AI.

Join Us in Pioneering Dependable AI!

Why our partners like to collaborate with us…

- **Research Transfer is our DNA**: Fraunhofer's core mission is to bridge the gap between applied research and industrial practice. Within research projects, we often facilitate the transfer from technology into use cases based on our experience.

- **Holistic Approach**: From strategy to implementation and validation, we cover the entire AI lifecycle.

- **Multidisciplinary Expertise**: Combining software engineering, data science, dependability engineering and innovation strategy.

- **Innovative Solutions**: Participation in cutting-edge public funded and industry research projects and standardization efforts.

- **Demonstrated Experience in EU research:** We have a long history of successful Horizon research projects.

Read more about Dependable AI @ Fraunhofer IESE at
https://www.iese.fraunhofer.de/en/services/dependable-ai.html