EARASHI final event

“Designing for People: Building Trustworthy Robotics & AI in Industry”

Date: 3 February 2026

Format: In-person – workshop + technical tour + networking

Location: Leuven (Belgium), hosted by Flanders Make

Audience: EARASHI partners, external stakeholders, related (sister) project representatives, companies, policy makers, etc.

Event Overview:
The EARASHI project, funded by Horizon Europe, has advanced innovation in AI, data, and robotics to enhance industrial productivity while safeguarding worker well-being. Through a unique combination of technical Building Blocks (BBs) and Human-Centered Design (HCD) methodologies, EARASHI has supported companies in developing safe, adaptive, and trustworthy automation solutions.

The Final Event celebrates three years of collaboration and showcases the results and lessons learned from the consortium and its 10 granted Application Experiments (AEs), which successfully integrated EARASHI’s Building Blocks into real industrial environments with the support of human-centred coaching and technology-acceptance services.

(See: https://earashi.eu/granted-projects/)

The event combines live technical demonstrations, digital showcases, and an interactive roundtable to illustrate how EARASHI’s technical assets and HCD principles converged to build trustworthy, ethical, and user-accepted robotics and AI systems for the factories of the future.

Workshop Goals:

- Showcase how EARASHI’s technical Building Blocks (BBs) have been deployed across 10 Application Experiments (AEs), enabling safer, more adaptive, and trustworthy robotics in industry.
- Demonstrate the integration of Human-Centered Design (HCD) methodologies and coaching in the deployment of these Building Blocks, ensuring usability, acceptance, and operator well-being.
- Highlight successful collaboration between EARASHI partners and AE beneficiaries, illustrating how HCD support complemented technical innovation (AI, robotics, data systems).
- Present lessons learned and best practices from EARASHI’s approach to co-design, validation, and acceptance of human–robot collaboration in industrial environments.

- Foster dialogue among policymakers, industry, and research stakeholders on how technical excellence and human-centricity can be combined in future robotics and AI projects under Horizon Europe.

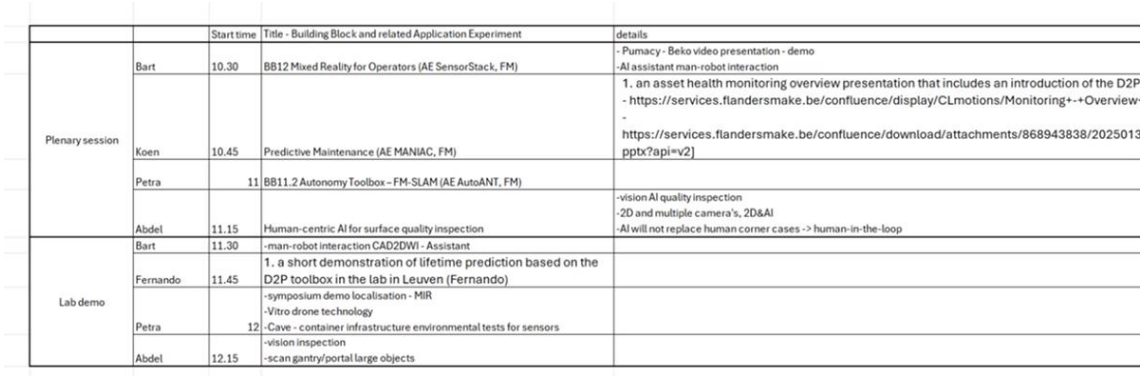
Potential Contributors:

- CEA, Flanders Make, SEZ, Mondragon, INEGI & AE companies.
- Sister projects. Potential options:
    - MAGICIAN, FORTIS, INVERSE, PILAR, INTELLIMAN, etc.

Agenda Overview

Time	Session	Description / Speakers
09:30 – 10:00	**Registration & Welcome Coffee**	Arrival, informal networking among partners and Aes.
10:00 – 10:15	**Opening & Introduction**	Welcome by CEA / Mondragon. Overview of EARASHI's journey, from technical portfolio to human-centered deployment.
10:15 – 10:30	**Keynote: Human-Centered Design & Technology Acceptance in EARASHI**	*How HCD methodologies and coaching (co-design, usability, inclusivity, trust metrics) guided AE developments.* *Moderated by Mondragon.*
10:30 – 12:30	**Technical Tour – Part I: Live Demonstrations of Building Blocks**	Guided visit through Flanders Make facilities, showcasing five BBs deployed by AEs: - BB11.2 Autonomy Toolbox – FM-SLAM (AE AutoANT, FM) - BB13 Predictive Maintenance (AE MANIAC, FM) - BB12 Mixed Reality for Operators (AE SensorStack, FM) - BB21 Skill-Based AI Robot Programming Framework (AE SensorStack, FM) - BB23 Manual Task Recognition (AE Handful, CEA) → Demonstrators explain the integration process, supported by HCD and other EARASHI services. → Roles: - BB owners introduce the technical principle. - AE representatives describe the integration and human-centred outcomes.
12:30 – 12:45	**Transition to networking**	*Timeout Interval*
12:45 – 14:00	**Networking Lunch & Poster Exhibition**	Poster area for AE: • Technical challenge addressed • BB(s) integrated • HCD coaching and evaluation results • Key acceptance findings or other relevant KPIs.
14:00 – 15:15	**Technical Tour – Part II: Digital Insights & AE Showcases**	Indoor session featuring digital or video-based presentations of the remaining BBs used by AEs: - BB3 Artificial Intelligence Solutions (AE MAS-AI, ST) - BB14 Data Operationalization Methodologies (AE TALOS, INEGI) - BB5 Robot Intelligent Control (RIC) (AEs MANUVUSED, LEVER, IKL) - BB16 Deep Learning–Based Industrial Quality Inspection (AEs AIWELD, ORION, MDR) - BB19 LeanDfX Framework (AE TALOS, INEGI) → Moderated by INEGI, highlighting cross-sector lessons and user-centered results. → Roles:

		AE representatives describe the integration and human-centred outcomes.
15:15 – 16:30	**Roundtable: Human-Centricity, Ethics & Trust**	Interactive debate among sister projects. Topics: responsible AI, operator empowerment, ethical deployment, and social acceptance. Moderated by CEA + Mondragon.
16:30 – 17:30	**Wrap-Up & farewell Coffee**	CEA & Mondragon summarize key insights: integration of technical and human dimensions, future pathways for human-centered robotics.



		Start time	Title - Building Block and related Application Experiment	details
Plenary session	Bart	10.30	BB12 Mixed Reality for Operators (AE SensorStack, FM)	- Pumacy - Beko video presentation - demo -AI assistant man-robot interaction
	Koen	10.45	Predictive Maintenance (AE MANIAC, FM)	1. an asset health monitoring overview presentation that includes an introduction of the D2P - https://services.flandersmake.be/confluence/display/CLmotions/Monitoring+-+Overview - https://services.flandersmake.be/confluence/download/attachments/868943838/2025013 pptx?api=v2]
	Petra	11	BB11.2 Autonomy Toolbox – FM-SLAM (AE AutoANT, FM)	
	Abdel	11.15	Human-centric AI for surface quality inspection	-vision AI quality inspection -2D and multiple camera's, 2D&AI -AI will not replace human corner cases -> human-in-the-loop
Lab demo	Bart	11.30	-man-robot interaction CAD2DWI - Assistant	
	Fernando	11.45	1. a short demonstration of lifetime prediction based on the D2P toolbox in the lab in Leuven (Fernando)	
	Petra	12	-symposium demo localisation - MIR -Vitro drone technology -Cave - container infrastructure environmental tests for sensors	
	Abdel	12.15	-vision inspection -scan gantry/portal large objects	

Checking in the closure date of the sister projects, our final event is aligned with

- Intelliman
- Softenable

Among the running ones and which did not participate to the ADRA event, there are

- MOZART
- TALOS
- JARVIS (with CECIMO as project partner)
- HACID
- AGIMUS
- PILLAR-ROBOT
- CONVERGING with AIMEN in the consortium and we had external reveiwers from AIMEN. I plan to invite them to the final meeting (as for all the external reviewers)
- MAGICIAN (with SEZ as project partner, That is Fredy)
- FORTIS (we already initiated some communication collaboration with one partner – F6S)
- INVERSE (MONDRAGON)
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- REGIS - i think this is the project: https://medusa-maas.eu/
- Homepage - Medusa Maas
- Discover the MEDUSA Maas - Manufacturing as a Service Framework, enabling AI efficiency, secure data sharing, and sustainable manufacturing.

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