



**MAKE AI Buildathon
28.4.2026:**

**Turning Real Industrial
Challenges into
Actionable AI Learning**

Innovating the Future Together

Learning by doing

“The biggest impact from AI comes from people learning how to use the technology, that will transform how we work in the industry.

Wärtsilä have a **70-20-10 learning model** where 70% is learning by doing, 20% by sharing and 10% in formal trainings.

From that model, a buildathon covers 90%!

For us, this kind of approach fits perfectly, you get to learn by doing and share what you know (**about anything in the context not just AI**).”

– Christian Sundman, General Manager, Innovation, Wärtsilä



The big opportunity – MAKE AI Buildathon

Why AI?

Why now?

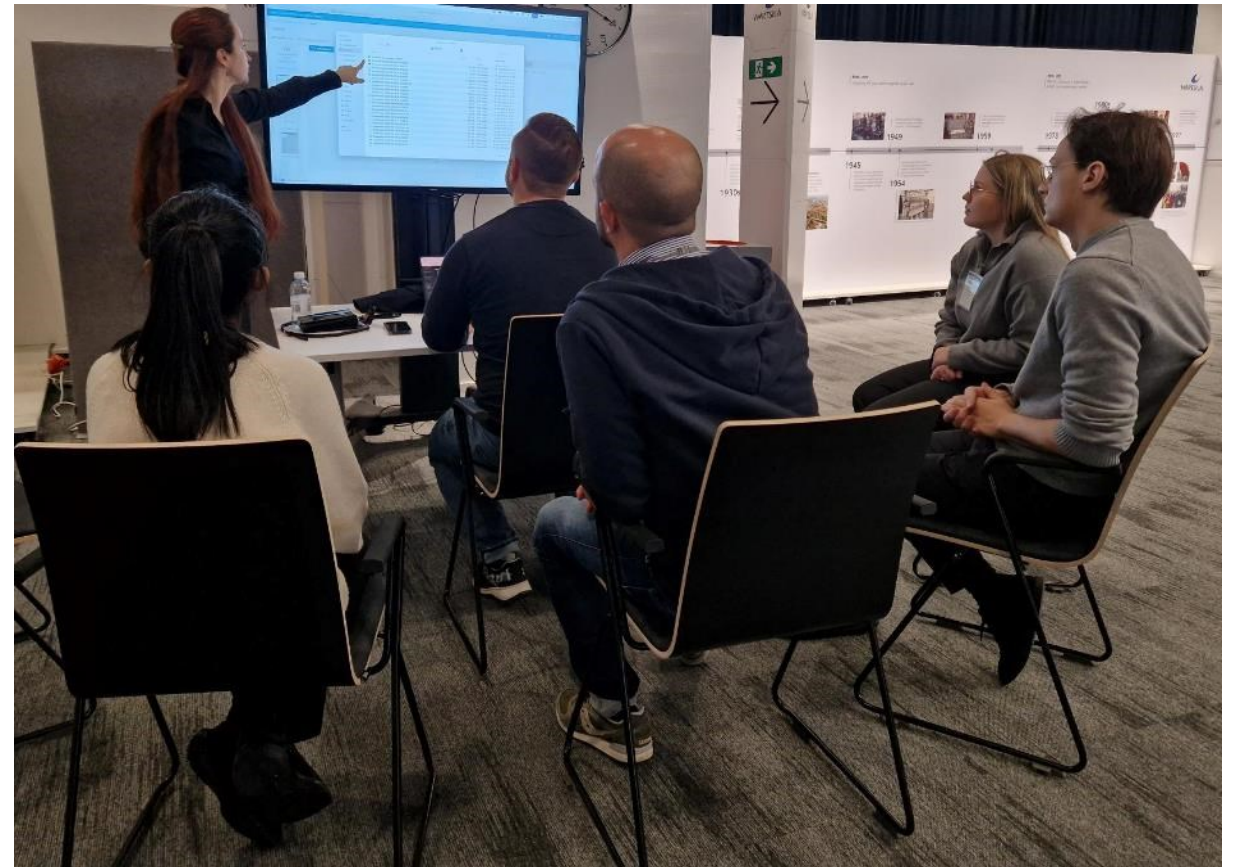
- AI is transforming industrial value chains, productivity, and competitiveness.
- Companies that experiment, learn fast, and collaborate will lead the next wave of industrial innovation.
- MAKE partners are uniquely positioned: strong industrial roots + real-world challenges + shared will to act.

70 Manufacturers & Service providers

The MAKE AI Buildathon is our fast lane to learning, innovating, and doing.

WHAT is a Buildathon?

- **Build fast** – One-day hands-on building
 - Accelerate design and prototyping with AI (Lovable, Cursor, n8n, Ikon AI, SAM 3)
 - Build a mobile app, web app, AI agent, machine vision, chat UI, data analytics, etc.
- **Practical** – Real MAKE company challenges
 - Use AI in real use cases
 - Real data, documents, images, etc.
- **Work together** – Interdisciplinary teams
 - Challenge owners
 - Subject matter experts
 - AI, data, and other technical experts
- **Hands-on doing** – Real outcomes
 - Tangible concepts and working prototypes
 - First steps toward scalable AI solutions



WHY a Buildathon?

→ Kickstart AI capability

- Shift from talking AI into doing AI
- Build confidence in AI through hands-on work with AI
- Visualize how AI can help (products, processes, operations, tools)

→ Unlock practical value

- Surface opportunities and quick wins
- Generate concepts that can evolve into real solutions
- Accelerate ideation and concept validation

→ Engage organizations

- Involve different experts
- Identify and grow AI champions
- Strengthen cross-company collaboration
- Build momentum

→ Accelerate learning

- A full day of focus on AI
- Experiment and try out new technologies, tools, methods, and ideas
- Learn from others

A buildathon is the most efficient way to turn ideas into validated concepts.

Overview of the Challenges and Themes

Theme	Companies
Knowledge extraction and documentation	Fastems: Multilingual Documentation and Change Tracking, TT Gaskets: Documenting and utilizing hidden or tacit knowledge Lappset: AI Copilot for Quotation and Proposal Drafting Lappset: AI-assisted Tacit Knowledge Capture
Document intelligence	Fortaco: Requirement classification tool Lappset: AI-Based Supplier Compliance Document Validation Konecranes: Speech to Service Document Generator
Production analytics	Ponsse: Analysis of Production Disturbance Data Fortaco + Kesla: Deviation and reclamation analysis tool
Operations optimization	Danfoss Drives: AI-Assisted Troubleshooting for Repair Technicians Metalpower: Production Planner Nortech Metal: Work Phase Rescheduling Using a Skills Matrix
Product configuration	Elematic: Spare Part Identification JTA Connection: Product and Quotation Configurator
Industrial data infrastructure	Bluefors: Cleanup & Pipelining of Industrial Telemetry, Mirka: Sensor locator for modelling
Computer vision	Wärtsilä: Surface Defect Detection Across Machined Parts

WHO should participate?

The MAKE AI buildathon is for **everyone curious about AI**, including:

- Industrial experts
- Engineers & designers
- Business & innovation leaders
- Data & AI experts
- Process developers
- Social scientists
- Research minded people

AI Buildathon is for everyone that wants to build, learn, and experiment!



MAKE Partners – Register for the AI Buildathon by 10.4.



MAKE
IN FINLAND
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Innovating the Future Together

MAKE AI Buildathon 28.4.2026



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WÄRTSILÄ | brillian* | dream | IWM | Technology Industries of Finland

Turning Real Industrial Challenges into Solutions or concepts

- 17 challenges from 15 MAKE in Finland companies
- 100 participants solving challenges
- 17 Interdisciplinary teams : MAKE company employees + PhD candidates working together with practical learning by doing method

More info: make@dimecc.com

Register here:

<https://link.webropol.com/ep/buildathon2026>



Let's build the future of the manufacturing industry, together!

 AHA Logistics	 ALFAME	 ARKANCE	 ATA GEARS	 BECKHOFF	 BLUEFORS	 brightly	 brilliant*	 CACTOS
 CANATU	 CioEE	 Danfoss	 DELFOI	 DHL Supply Chain	 ELEMATIC	 ELISA INDUSTRIA	 Escanmat	 8760 Fastems
 FINNPROFILES	 FinnSonic	 FLIQ	 FORTACO	 GBW	 Member IMC Group iscar	 ITANORDIC	 JAKAMO	 JTA CONNECTION
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