ITEA PO Days 2025

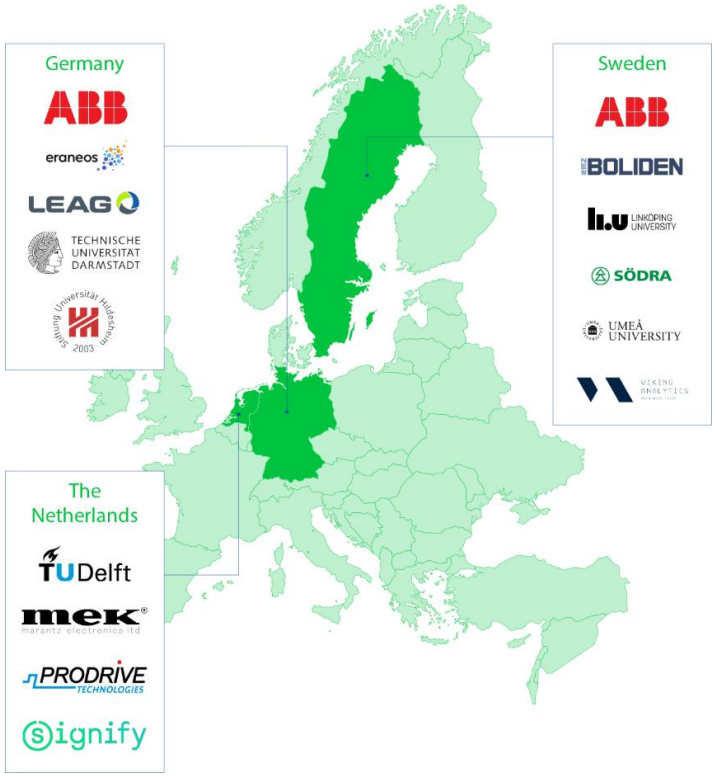
EXPLAIN

ITEA Award of Excellence 2025 ceremony
16 September 2025
Ruben Hühnerbein

ITEA 4

EXPLAIN

Project data



This project has received funding from:

Federal Ministry of Research, Technology and Space

DLR Projektträger

VINNOVA Sweden's Innovation Agency

Netherlands Enterprise Agency

Project duration:

May 2022 - May 2025

Project website:

A big thank you to all partners, funders and ITEA who made EXPLAIN possible.

ITEA 4 | Σ

EXPLAIN

ITEA PO Days 2025

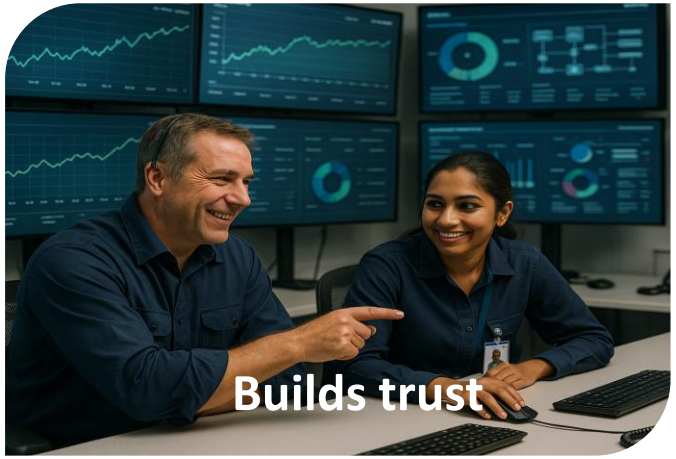
Would you trust a decision you don't understand?

Black Box AI

Opaque, confusing

Human-Centered AI

Transparent, explainable



Industries

Human-centered, explainable AI

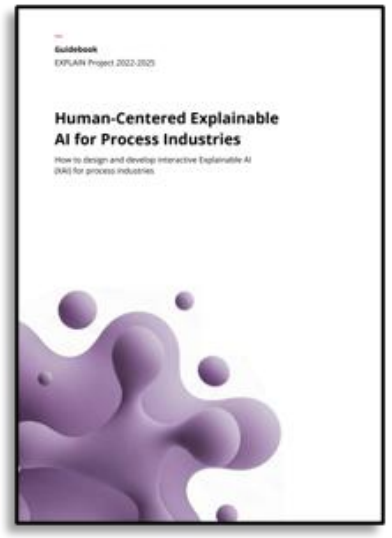
EXPLAIN turned AI trust from a research challenge into practical solutions

ITEA 4 | Σ

EXPLAIN

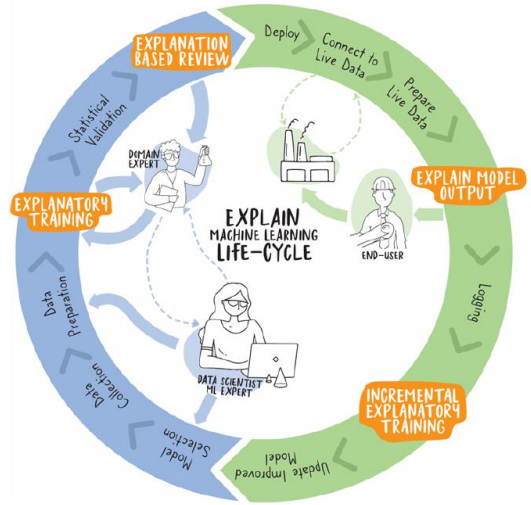
Key results / highlights

Public Guidebook



Proven Prototypes (TRL >= 6)

Open MLOps Environment



EXPLAIN

Impact (what we already achieved)

📖 Innovation

- 70+ scientific contributions, Special session on XAI (IEEE INDIN 2023),
- Best Paper Award (IEEE INDIN 2024),
- 4 prototypes at TRL ≥ 6

🌎 Standardisation & Tools:

- Public Guidebook
- Open MLOPS-XAI framework

👩‍🎓 People

- 2 research assistants,
- 2 UX designers,
- 3 PhD, 5 MSc, 1 BSc.

EXPLAIN

Future Outlook (what's next)

🚀 Scale-up & Commercialisation

Extend prototypes into full solutions and market products.

🔮 Next frontier

Explore Generative AI as intuitive, human-friendly interface for explainability.

E11 RESOPS ☆

Resilient Operations for Industrial Processes

Dawid Przemyslaw Ziobro
ABB AB, Sweden

Registered for ITEA PO Preparation Days 2025

ITEA 4 | Σ

EXPLAIN

Contact details

Dr. Ruben Hühnerbein
ABB Corporate Research Germany
ruben.huehnerbein@de.abb.com

Website: Research Center Germany

ITEA
PO Days
2025

Thank you!

ITEA 4 | Σ