



THE HYPER EXPERT COLLABORATIVE AI ASSISTANT

 [linkedin.com/peer-ai](https://www.linkedin.com/company/peer-ai)

 @Peer_Ai_

 @PEER-AI

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101120406



Project's overview

What are our objectives?

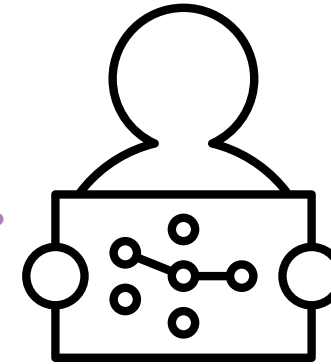
To develop human-centered AI assistant for sequential decision-making



Bi-directional communication between AI and users



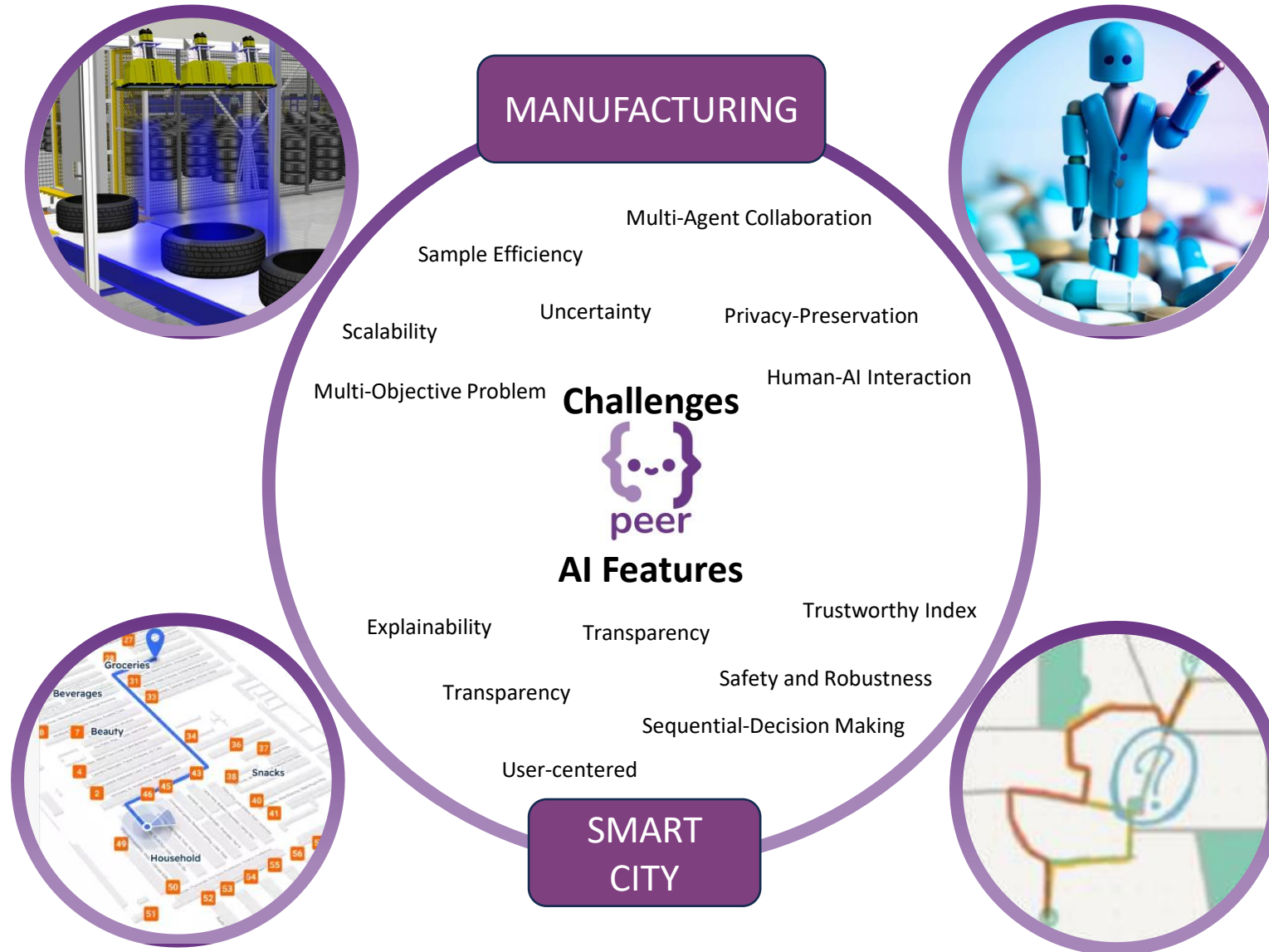
AI-assisted and human-centred optimization



Adaptive and Responsible AI

PEER will: Increase reliability, interactivity, understandability, and trustworthiness of AI solutions.

PEER focuses on manufacturing and daily life

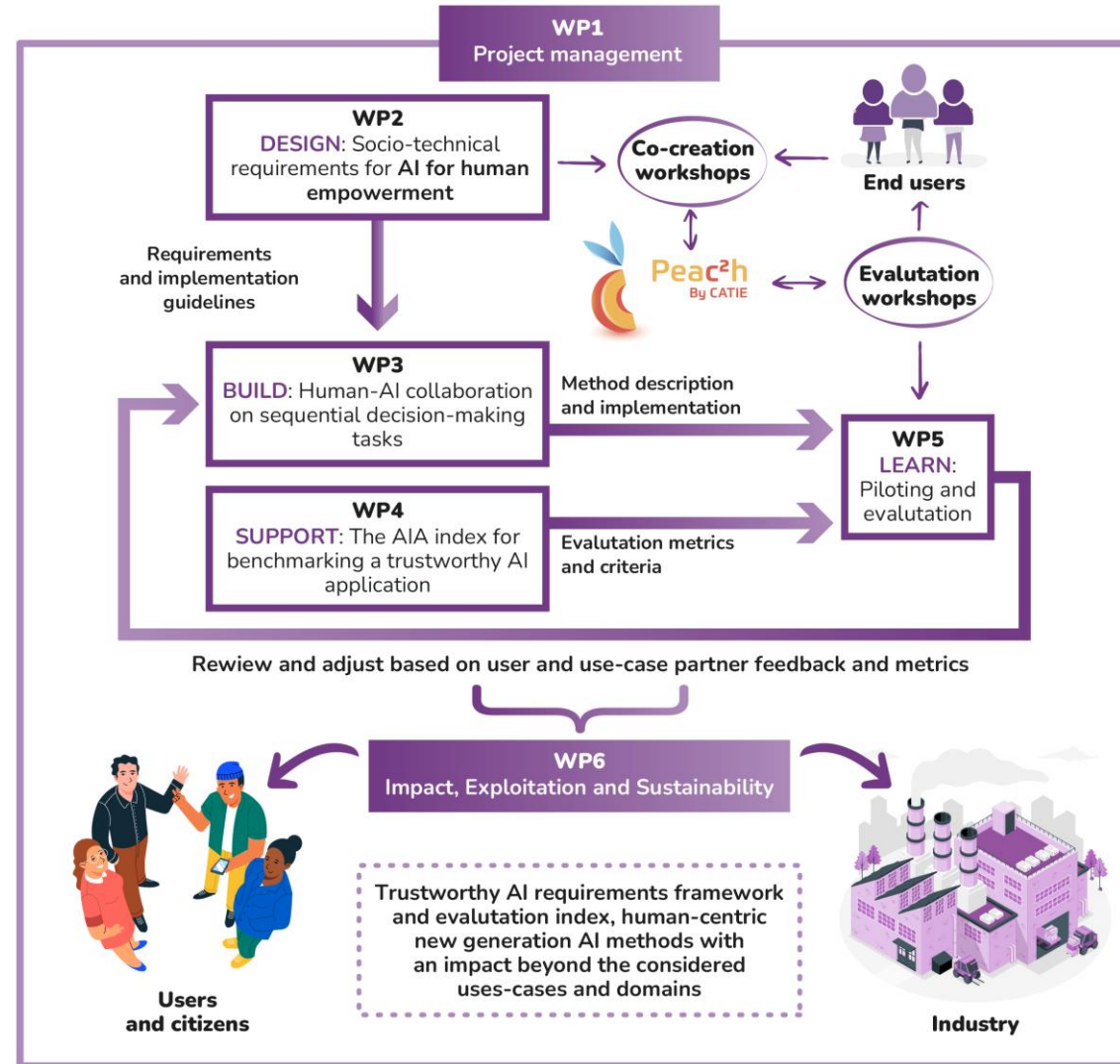


Outcomes & Ambitions



- Novel ways of end-users engagement within AI development process.
- Human-centric AI methods for sequential decision-making settings.
- Solutions to increase AI Acceptance rate
- Evaluation and assessment framework for human-centric AI systems (AI Index)
- Validated AI-human interactions
- Personalized and User Aligned AI solutions

Our methodology





UC1: Drug Inspection

Proditec wants to design a self-learning AI system using anomaly detection algorithm for improved defects detection on a machine for pharmaceutical tablets or capsules.

The system will use AI to make the defects detection process simpler, faster, and more efficient, by increasing efficiency and performance but decreasing recipe setting time.

WHY PEER?

- Time-efficiency for clients.
- More efficient systems performance-wise (simpler, faster, robust) - more competitive.
- More understandable system compared to the current one.



UC2: Tire Manufacturing

Continental wants to develop a PEER System for predicting a scrap event, that currently is occurring at the end of the tire manufacturing pipeline.

Continental wants to develop a collaborative AI system that will guide and support the operators.

WHY PEER?

- The complex and laborious process is simplified
- The process is more efficient and faster.
- Less scrap is being produced.
- Less money spent on trial and error.
- Make knowledge transfer easier.



UC1: Route Planning

During the PEER project, City of Amsterdam wants to develop a local personalized navigation app for people with reduced mobility using the accessibility map & data. The application should consider the different personal needs & requirements that users might have (preferences, sidewalk width, curbs, obstacles, etc.) and can propose an optimized route based on these.

WHY PEER?

- Inform citizens of the best routes regarding individual requirements
- Improve accessibility of the city
- Empowering people with reduced mobility



UC1: Shopping Guidance

The aim for the app within the PEER project is specifically about in-store navigation in the hyper supermarkets: MC Sonae would like to add functionalities to SIGA app that can help customers to find products in the store using preferred plans.

WHY PEER?

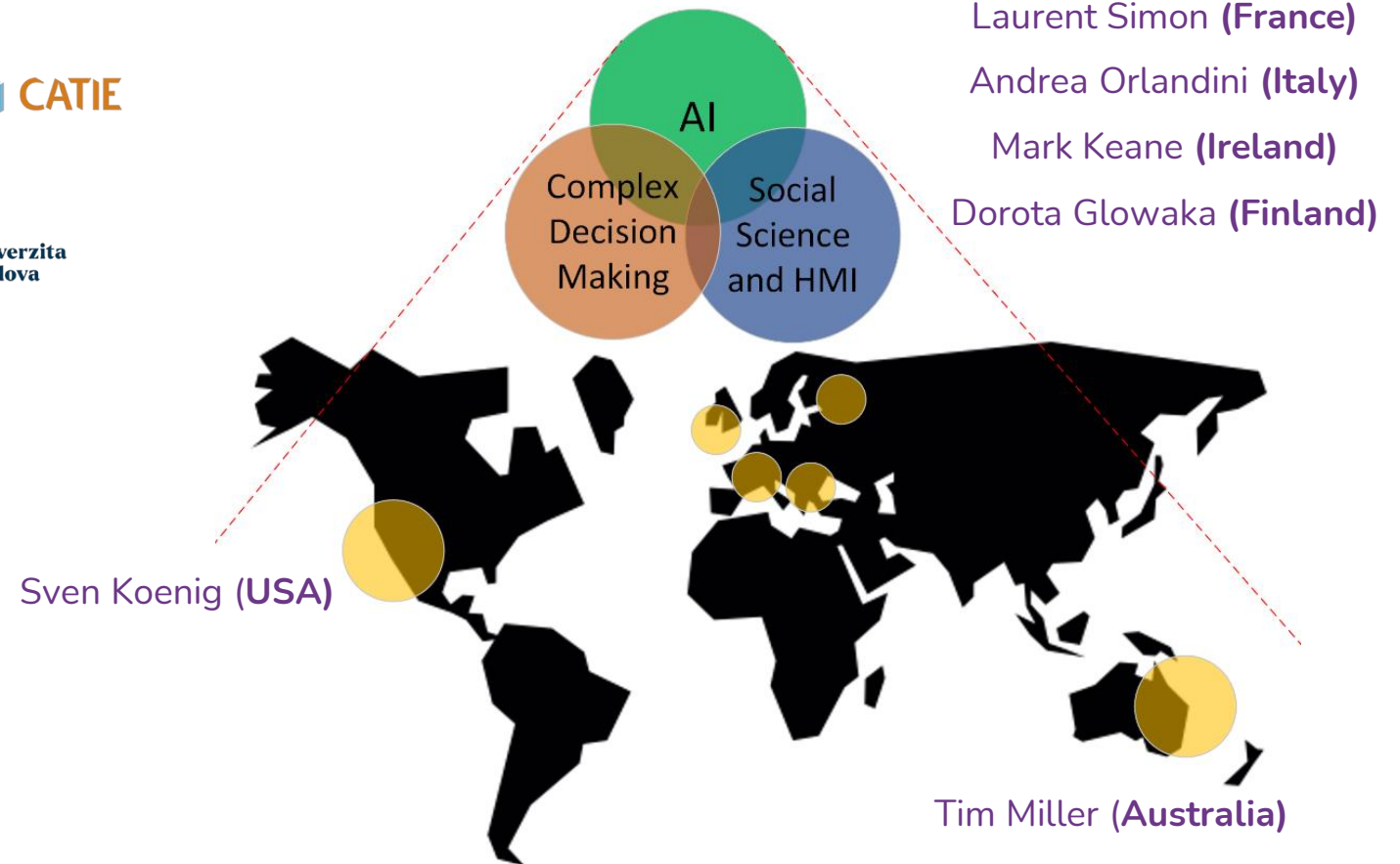
- Time-efficiency for clients.
- More efficient systems performance-wise (simpler, faster, robust) - more competitive.
- More understandable system compared to the current one.
- optimize routes based on human preferences.

Who will contribute?

List of participants



PEER Advisory board



What are our contacts?



peer-ai.eu



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CONTACTS

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