

EIT Manufacturing

Presentation of the project
HiAI | Human in the AI loop



Co-funded by the
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AI Technology Skills & Competences: WHY



Several AI solution have been implemented in the last years in the factories ...
... and often **not reaching expectations, abandoned** for maintenance reasons, ...

- Inexplicable output derailing
- Lack of internal knowledge for system maintenance
- Difficult extension to other areas
- Lack of knowledge on AI potentials
- Lack of knowledge on AI constraints
- Difficult AI project setup
- Poor data quality/availability
- Poor data awareness
- ...



Do we know what AI is?

Are we aware about what AI means?

**What do we expect from AI technology
in manufacturing?**

ARE WE READY FOR AI???

Project overview: Goals



The project “Human in the AI loop” is aiming at **shopfloor personnel and managers** and intends to enable them as **drivers of AI implementation**.



The final goal is to develop shopfloor personnels’ and managers’ **competencies to work with data-based artificial intelligence systems**.



To this end, the main activities and outputs of the projects are:

- Creation of **online education material**
- Development of an **ML-Toolbox** for integrated learning and implementation paths

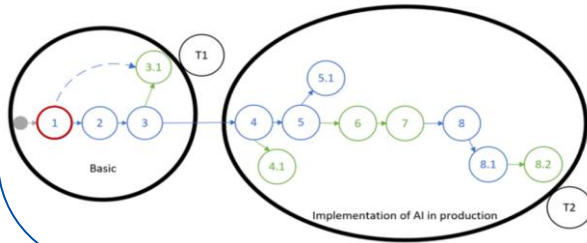
The Team



Learning Paths for shopfloor personnel and managers

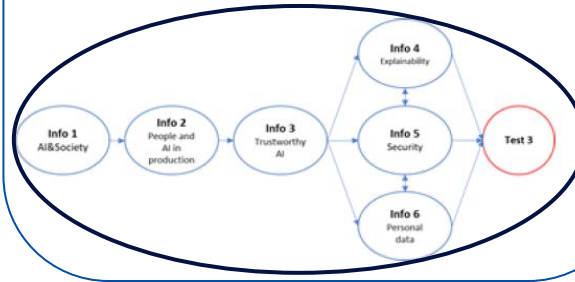
LP1 - Technical path:

- Teach AI basic concepts and introduce application in industrial environment
- Theoretical and practical modules
- Technical up-skilling/ re-skilling



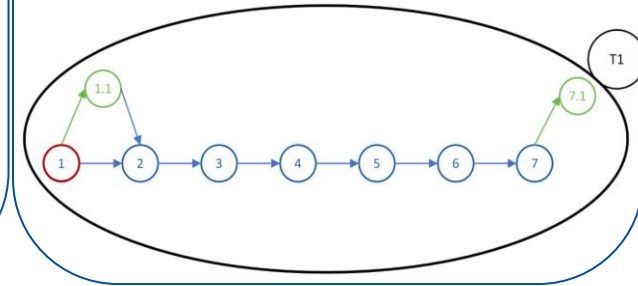
LP2 - Social path

- Create awareness on impacts of AI introduction
- Theoretical and practical modules
- Change management

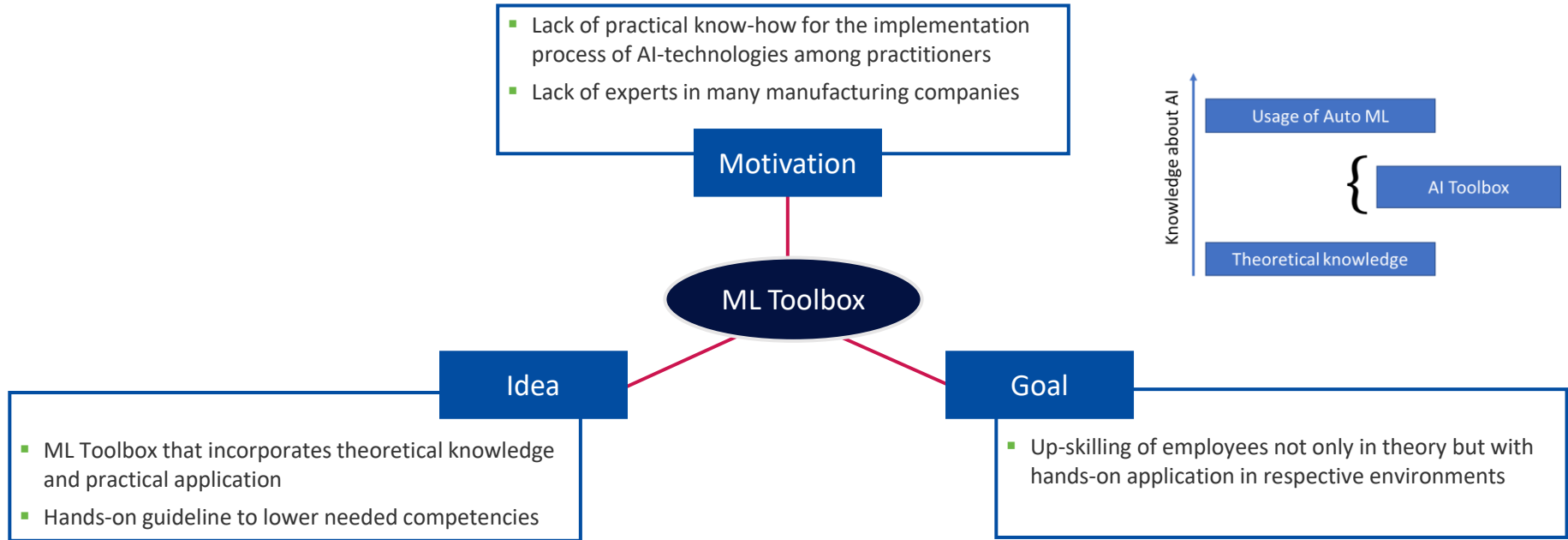


LP3 - Managerial path

- Manufacturing Use Cases overview
- Implementation planning and execution



Concept of an ML-Toolbox



Thank you!



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HiAI – Human in the AI loop

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