



An ITEA Smart engineering project

AIToC



Using AI to improve manufacturing engineering

Project summary

By utilising artificial intelligence methods, the ITEA project AIToC are developing an integrated toolchain to support manufacturing engineering. The project is focusing on supporting process planning, data-driven creation of digital twin models as well as layout optimisation.

Consortium



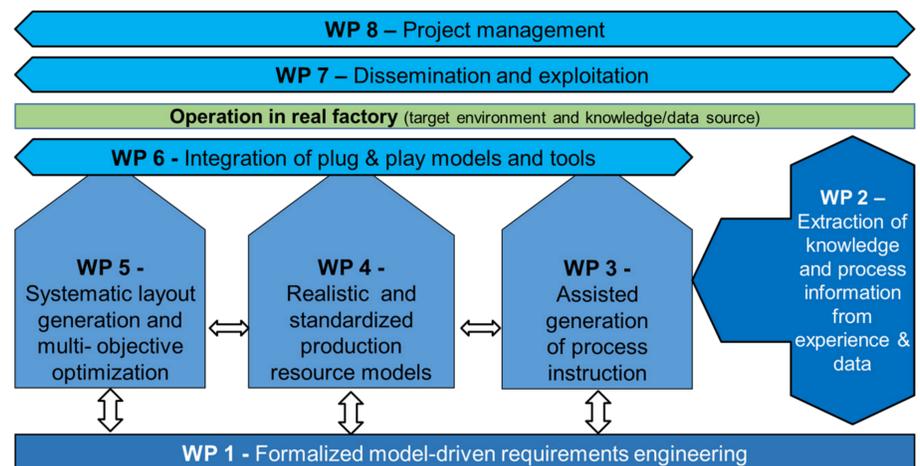
Project duration

October 2020 - February 2024

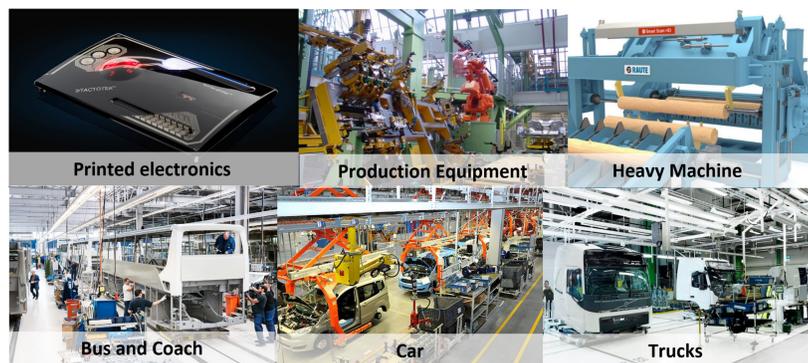
Expected key results / Unique advantages

- > AI-based assistance in generation of process plans and instructions
- > AI-generated models and support for co-simulation of humans and machines
- > AI-based planning and optimization of factory layout

AIToC workpackage overview



Addressed Manufacturing Markets



Contact

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This ITEA project is supported by:

