

Can we fix it? RE/manufacturing Lab

Update Semester 1 2022/2023

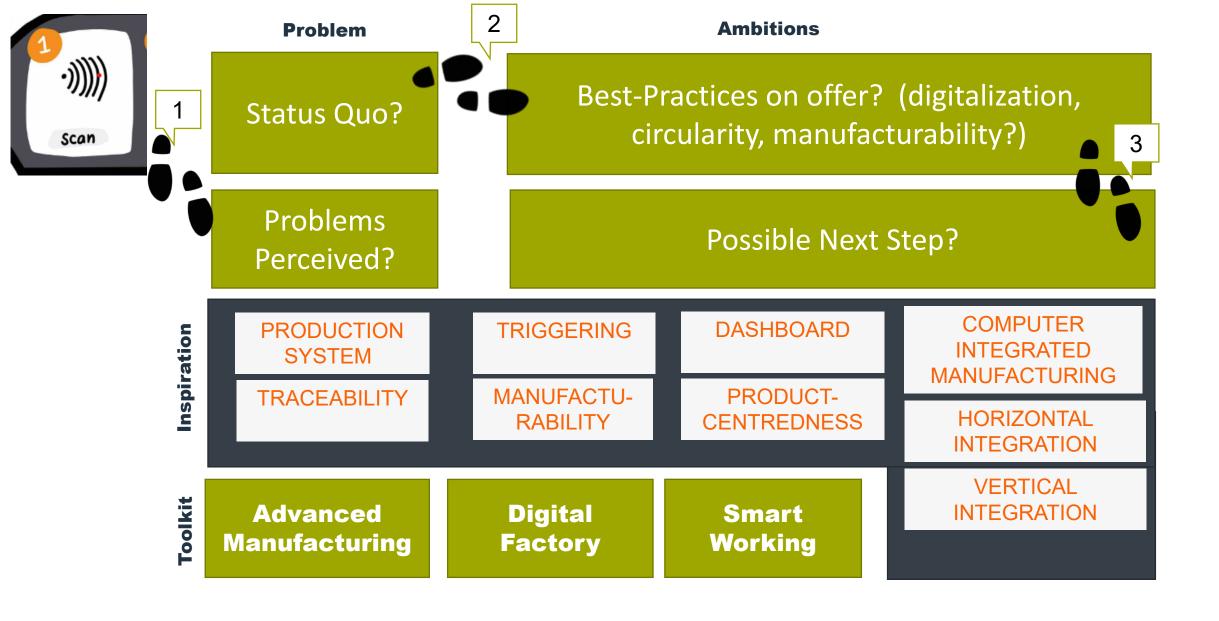
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Results Feb 2023 RE/man Heroes

Watch the videos

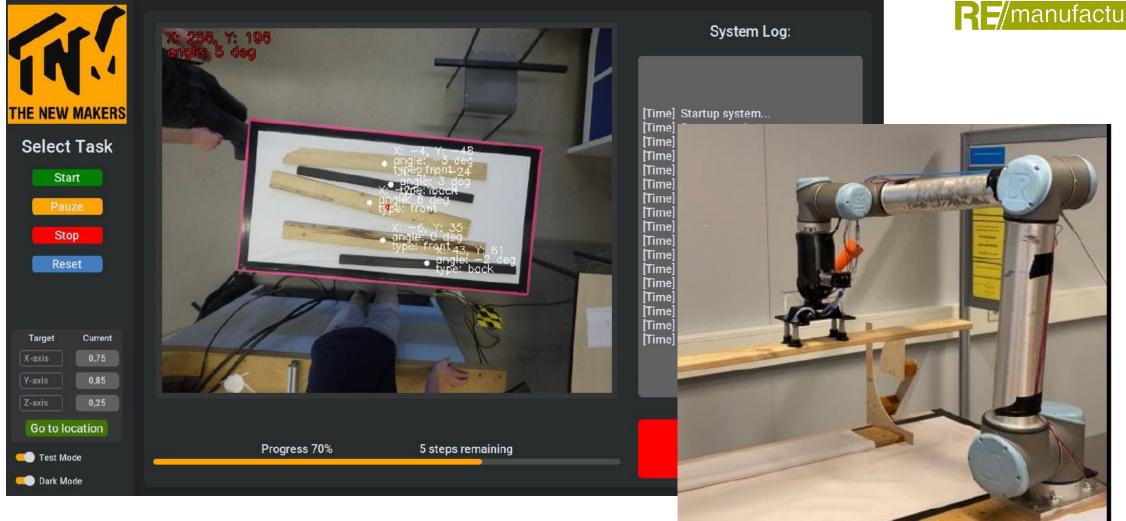
- Disassembly Station 1.0
- Disassembly Station 2.0
- <u>Pick & Place Station</u> Work-in-Progress
- Led Grid Checker
- <u>Digital Shadow</u>
- Operator Assistance for Assembly 1.0



Digitisation-scan

Parallel Projects in the field...





Societal Challenges



Research





Education

Professional Practice



- Climate: energy & materials transition
- Future of Work(workfloor, process & employee)
- Digitization (SMEs)

Footprint







Critical Raw Materials







Future of Work









Bron: Romero, D. et al (2016)

Smart Industry: a lot to do





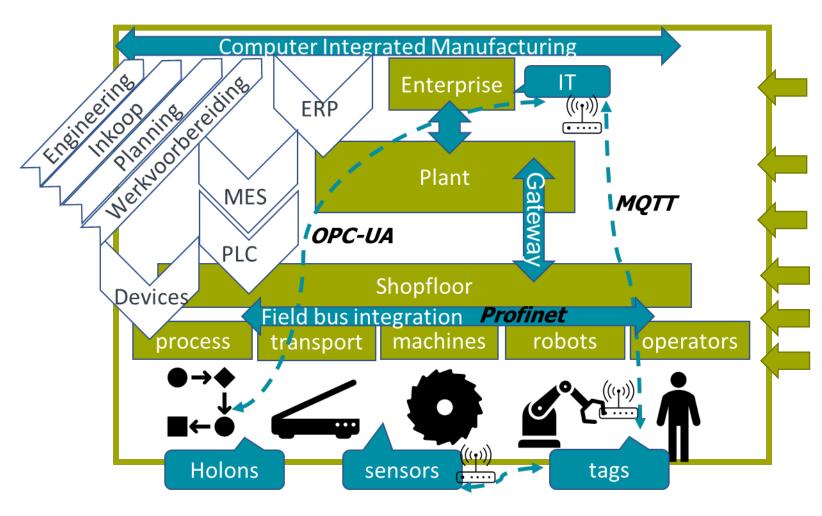
2020-2021

Percentage NL Manufacturing Companies

Companies	
Additive Manufacturing	16%
Robots	25%
IoT	6%
AI/Big Data/Analytics	23%
Cloud	50%
Has heard about Smart Industry	62%
Knows what Smart Industry is	44%

Digitisation->Mainly Integration Problem Multi-Disciplinary





- Master Next Level
 Engineering
- Industrial Engineering
- Applied Mathematics
- ICT
- Mechanical Engineering
- Mechatronics



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