

- JANUARY 2020
- 1152 K€ EIT Funding
- 24 months lasting project
- March 2020 Requirements definition
- December 2020 First draft exploitation report
- June 2021 Preliminary prototypes
- December 2021 Operative pilots

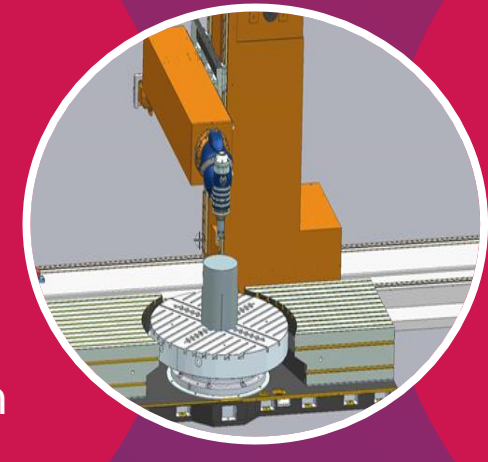
CHALLENGE

- Zero defect manufacturing approach with the focus on commissioning manufacturing solutions faster, earlier, and with higher productivity



SOLUTION

- The SOLUTION is based on DIGITAL TWINS models for process/machine/flow optimisation and performance evaluation



BENEFITS

- Reduced cycle times
- Increase workpiece quality by improving toolpath and clamping position.
- Address wear and remaining lifetime of tool and machine elements

MAIN PROJECT RESULTS

4
APPS FOR INCREASED MANUFACTURING EFFICIENCY

10%
REDUCTION ON COMMISSIONING COSTS



2
LEARNING NUGGETS CREATED IN 2021

“ EIT grant has allowed the connection among different stakeholders of the value chain and the identification of win-win collaborations ”



JOSEBA BILBATUA
SENIOR Innovation Manager
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TWINGOALS Project
Digital Twin towards zero-defects manufacturing (ZDM) and circular economy



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