

CHALLENGE AND SOLUTION

The existing demand for skills is matched by a large pool of people in manufacturing who are not adequately qualified for the high-demand trends, resulting in a skills gap. One way to address this skills gap is to upskill the manufacturing stakeholders (operators, managers) and students by addressing the required competencies and raising them to a specific required level of performance. In ManuSkills a competency framework is developed and will be used as a grid for required skills, defining appropriate learning paths from a current as-is position to a future to-be position usable by individual users.

TIMING AND MILESTONES

Project Start – 01, 2021

Defined Competency Framework – 09, 2021

Diagnostic Tools for Individual Competency Profile – 11, 2021

Gap Analysis of Individual Competencies – 11, 2021

Future goal: Integration in EITM Guided Learning Platform (GLP)





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66, Thanks to EITM – we were able to structure complex digital learning content and deliver appropriate learning paths to learners via Guided Learning platforms "



MAIN PROJECT RESULTS

POLITECNICO MILANO 1863

ECHNISCH

UNIVERSITÄT WIEN

> Manufacturing Competency Framework useable for EITM Guided Learning Platform



Skills Analysis System



Gap Analysis of Individual Competencies between As-Is and To-Be



PHILIPP HOLD | THOMAS LEITHNER Researcher at TU Wien INSTITUTE OF MANAGEMENT SCIENCE Human-Machine-Interaction **AIM:** Development of a usable competence framework which is linked with an added value internal as well as external training.

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