

AMPLI

2020



A project by



Augmented mold for setting and supervision of plastic product manufacturing

Project consortium



Sustainable Production

Digitalisation

Summary

The consortium's objective was to develop a system to improve plant productivity by providing workers with real-time knowledge and information to improve decision-making and work procedures. The developed solution uses an augmented reality (AR) tool connected to sensors, machines, and inline control devices.

The productivity is increased by reducing time for tuning a work cell, increasing the availability by preventive maintenance, reducing quality issues, and improving employee training.

A robust platform was designed that can be used as a customisation starting point for potential industrial customers interested in the usage of an effective and ease of use visualisation tool for various roles at the shop floor.

The project team aims to realise the new solution to the market by mid-2022, primarily targeting manufacturing companies that are already on their way to digitalisation.



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