

Up·Skill

Up-Skilling for Industry 5.0 Roll-Out

The focus

The focus of the **Up-Skill** project is to develop a better understanding of how businesses, particularly in industrial and manufacturing environments, can lever value from human and machine integration, and change the way we understand technology implementation from being a substitution of skilled human work to one of human-machine inter-augmentation.

Expected Impacts

Development of the Up-Skill Platform, a data repository and Decision Support System (DSS) that will store the compiled research data and convert it into information that can be utilised by businesses for technological integration and decision making.

Cost savings in primary manufacturing through the efficient implementation of human-machine augmentation.

Improved quality of output and productivity by addressing production methods, development cycles of new products and the reproducibility of products in conjunction with the artisan skill needed for certain specifications.

Waste reduction by enabling higher levels of reproducibility, defining specification tolerances and the use of software to make more efficient use of components that may have otherwise been unutilised.

Longevity of demand for skilled labour and craftsmanship through enabling better quantification of the added value provided by skilled workers via a reference framework which can be used to understand and express employee value across all levels of the business.

Partners



Funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or HADEA. Neither the European Union nor the granting authority can be held responsible for them.



UK Research and Innovation



www.upskill-horizon.eu

✉ info@upskill-horizon.eu

🐦 [@UPSKILL_HORIZON](https://twitter.com/UPSKILL_HORIZON)

🌐 [up-skill-project](https://www.linkedin.com/company/upskill-project)

📺 [@UPSKILL_HORIZON](https://www.youtube.com/channel/UC...)

Project Coordinator:

Ewelina Kurczynska
Mälardalen University

✉ ewelina.kurczynska@mdu.se

Technical Coordinator:

Chris Ivory
Mälardalen University

✉ chris.ivory@mdu.se