

PROBLEM/ISSUE ADDRESSED

An efficient facility layout is vital in all manufacturing companies. However, there is a knowledge gap in deploying and using state-of-the-art digital facility layout design tools in engineering and manufacturing companies.

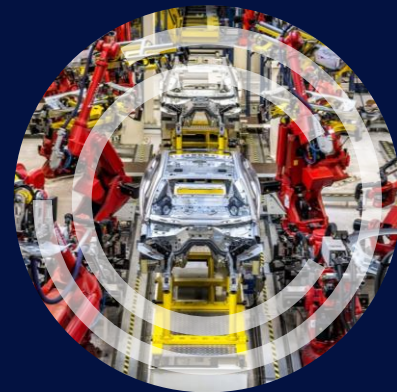
SOLUTION

DigitalPlan will offer learning paths that will equip engineering and manufacturing employees as well as engineering students and professionals to understand in depth the theory and practice related to facility layout design and planning, using digital manufacturing solutions.

WHY IT IS IMPORTANT FOR SOCIETY

Digitalization of engineering and manufacturing activities goes hand in hand with improved management practices and corporate performance but a vast majority of the engineering and manufacturing workforce lacks the necessary digital skills. The DigitalPlan learning paths are an opportunity for academic/technological institutions and companies to upskill students and staff toward expanding their digital manufacturing capabilities.

“ Thanks to EIT, we were able to further develop platforms for optimal facility layout planning and visualisation and created three learning paths to help users to upskill their digital manufacturing capabilities.”



MAIN RESULTS & INSIGHTS



Learning path to educate and increase awareness on effective layout design.



Digital tools to support facility layout design



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