



FactoryBricks

CHALLENGE AND SOLUTIONS

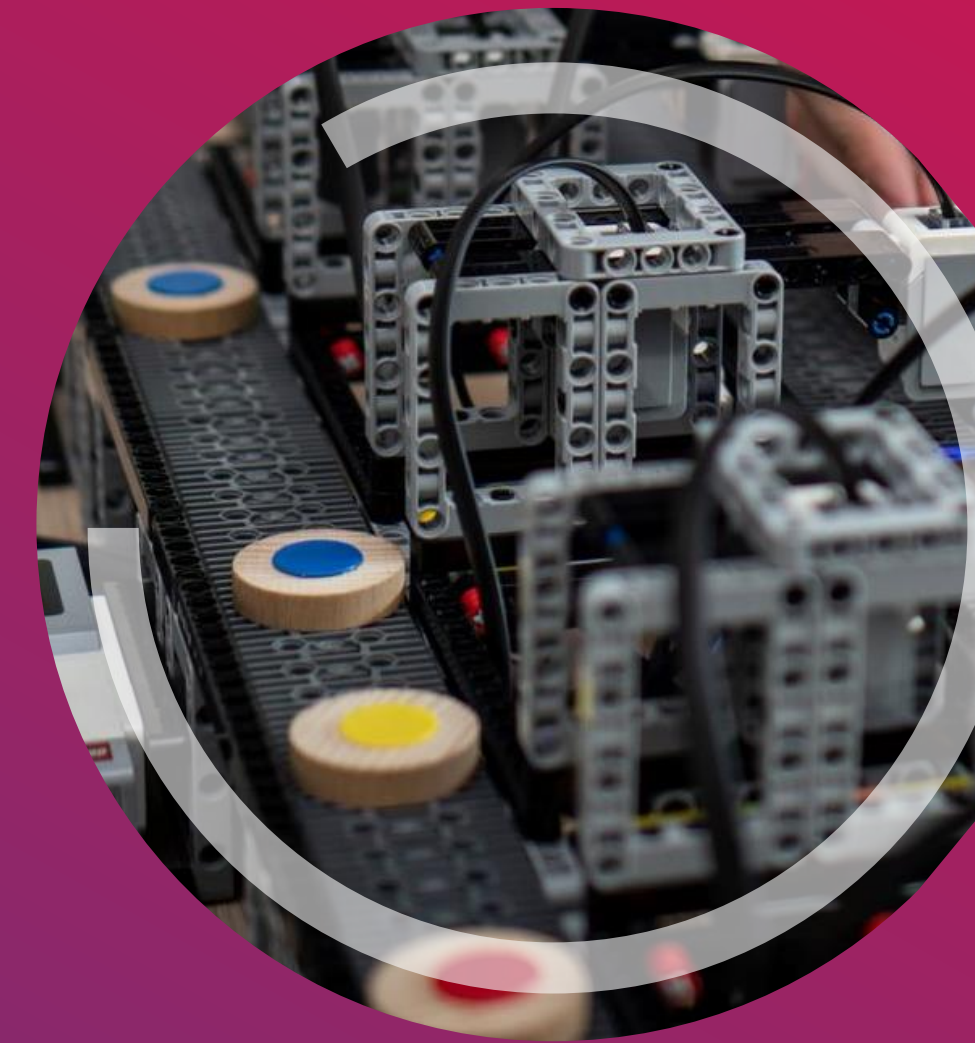
The manufacturing companies' need of offering training paths for long life learning of their employees finds several obstacles in the availability of trainees, their low engagement with traditional learning models and the obsolescence of skills in a rapidly changing environment.

The project aims to deliver effective training courses to enable the uptake of industrial IoT technologies and smart manufacturing systems. This goal is targeted by creating an active learning environment for professionals, through the delivery of distance training and use of physical lab-scale models, i.e., miniaturized manufacturing systems composed of LEGO® modular components, their digital counterparts, and the related IoT technologies.

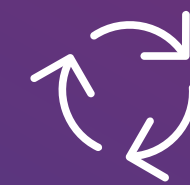
TIMING AND MILESTONES

- Design and agreements - March 2021
- Release of Phase I material on SkillsMove- June 2021
- Release of Phase II material on SkillsMove and evaluation of the first delivery period of Phase I Course - October 2021
- Final evaluation of developed courses and material - December 2021

“Thanks to EIT we were able to achieve our goals in a more effective and efficient way, helping us in the creation of the active learning environment we were looking for”



MAIN PROJECT RESULTS



- Creation of 6 Novel Learning Paths on Communication in IoT systems, Waste-Free Manufacturing and Industry 4.0



- Creation of 26 Digital Nuggets



- Development of lab-scale model of a manufacturing system with LEGO® modular components at the University partners labs