ADVANCED ROBOTICS & AUTOMATION

Become a partner in our consortium project and learn about innovative opportunities for automation and new approaches for the optimization of production processes.

Your benefits

- Tackle the growing demand for individualization and the massive cost pressure from emerging markets by utilizing new technologies such as Collaborative and Cognitive Robots, Automated Guided Vehicles and Self-Optimization.
- Understand where and how to integrate these technologies profitably into your process chain
- Learn how to improve quality and flexibility of your processes while maintaining competitive levels of manufacturing cost and time.
- Get access to a large cross-industrial & interdisciplinary partner and expert network

Results

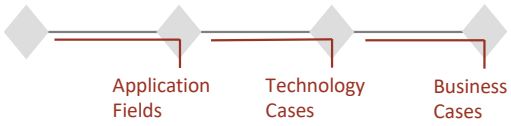
- Structured and comprehensive overview on trends and applications in advanced robotics & automation
- Technological feasibility analyses and implementation roadmap for selected relevant applications
- Evaluated business cases or development of joint demonstrators for selected applications

Why this project?

By 2030, 25% of all working hours will be replaced by robots and automation, by 2055 even 50% of all working hours (Mc Kinsey). The timely approach of this issue is therefore of critical importance.
This project will provide a structured and comprehensive overview on all robotics and automation solutions that are already available or under development. These solutions are then aligned with the requirements of your company in order to derive detailed business cases and individual implementation roadmaps in cooperation with experts.

Procedure

The consortium consists of research Partners, experts and about 20 industrial partners. In a kick-off meeting as well as three milestone meetings and workshops you will meet in your new network to track the progress of the project and continuously influence the content of the upcoming phase.



Framework

Start:	Q3	2019
End:	Q2	2020
Costs:	29,000 Euro	

Research Partners

Fraunhofer IPT

Fraunhofer IFF

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