conFacts

MULTI-LAYER CONNECTED FACTORIES

with hybrid conventional and digital components

- TEACHING AND LEARNING FACTORIES (TLF)
- REGIONAL INNOVATION SCHEME (RIS)
- GEOGRAPHICALLY DISTRIBUTED CONNECTIVITY

CORE OBJECTIVES

1. Integrated Learning Path: Create a seamless learning journey that combines training, demonstration, and simulation for students and professionals in manufacturing.

2. Synergy among TLF Elements: Showcase how different aspects of Teaching and Learning Factories can work together effectively in Industry 4.0 scenarios.

3. Technical Training: Provide up-to-date and relevant technical training aligned with real-world production, assembly, logistics, and management processes.

4. Practical Simulation: Develop hands-on simulation tools that mirror real manufacturing scenarios, allowing learners to apply theory in practice.

5. Industry Alignment: Collaborate with industry partners to ensure training and simulations stay current with the latest Industry 4.0 trends and technologies.

eit Manufacturing

Co-funded by the European Union

KEY OUTCOMES

- High value-added digital services
- New product functionalities through advanced manufacturing processes
- Integration of disruptive technologies by using smart sensors
- Novel design and data-science based predictions and optimization
- ICT innovation and TRL, MRL increase
- RIS-country adaptation and sustainable activity mirroring the industrial needs

THE CONFACTS PROJECT AIMS TO HELP COMPANIES FROM THREE RIS COUNTRIES

CONSORTIUM

CZECH INSTITUTE OF INFORMATICS ROBOTICS AND CYBERNETICS CTU IN PRAGUE · INESCTEC · inegi · PBN advanced management · JOANNEUM RESEARCH · Beia

CONTACT

Herwig Zeiner (Coordinator)
JOANNEUM RESEARCH Forschungsgesellschaft mbH
DIGITAL – Institute for Information and Communication Technologies
E-mail: herwig.zeiner@joanneum.at

Project ID: 23105
EIT Funding: 399,450.00 €
Start date: 1 January 2022
End date: 31 December 2024

Website: www.confacts.net