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WHY iNDUCE 4.0?

- ◆ The digital transition alters requirements for employees across all steps of the value chain;
- ◆ Work in industry will increasingly consist of designing, maintaining and supervising intelligent machines that assist in the performance of tasks;
- ◆ Future jobs will require an appropriate mix of basic, soft and technical skills, notably the digital and business-specific skills.

WHAT NEEDS ADDRESSES iNDUCE 4.0?

Manufacturing SMEs need of :

- ◆ re-shaping production processes, which requires new skills and knowledge of the employees in the “factory of future”;
- ◆ equipping with adequate training tools providing the technical knowledge on the topic of Industry 4.0;
- ◆ innovative training approaches that will enable them to nurture the necessary skills in their current and future employees.

iNduce 4.0

Work-based training approach in the field of Industry 4.0 for competitive European Industry



Erasmus+

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ABOUT iNDUCE 4.0

- ◆ Erasmus + project
- ◆ Key Action: Cooperation for innovation and the exchange of good practices
- ◆ Field: Strategic Partnerships for vocational education and training
- ◆ Duration: October 2017 - October 2019

AIMS

- ◆ To establish a sustainable VET business partnerships aimed at promoting work-based learning on the topic of Industry 4.0;
- ◆ To involve social partners, companies and VET providers in the apprenticeship training.

TARGET GROUPS

- ◆ Managers of manufacturing SMEs;
- ◆ Heads of departments (production, logistics, etc.) in manufacturing SMEs;
- ◆ Future employees of manufacturing SMEs (vocational students/apprentices);
- ◆ VET providers/trainers/consultants.

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RESULTS

A flexible learning package for work-based learning aimed at providing fundamental technical knowledge on the topic of Industry 4.0:

- ◆ Introduction to Industry 4.0;
- ◆ Solutions for Smart Production Environments in the manufacturing sector;
- ◆ Smart Robotics;
- ◆ Application of CPS/IoT across the process chain.



A comprehensive tool equipping with a step by step mentoring plan and guidelines:

- ◆ Relevance of Industry 4.0 and WBL as a key to acquiring the "skills of the future";
- ◆ Mentoring plan - practical guidelines on how to organize work-based trainings;
- ◆ Legal framework for regulation of WBL/apprenticeships;
- ◆ Comprehensive apprenticeship programme.

MULTIPLIER EVENTS

- ◆ iNDUCE 4.0 small-scale conferences in Poland, Portugal, Germany, Bulgaria, Cyprus;
- ◆ Final valorisation conference in Romania.