

ENABLING INDUSTRY 4.0 IN SMALL EUROPEAN ENTERPRISES



Erasmus+

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Towards enabling Industry 4.0 in SMEs

Welcome by Doru CANTEMIR (Ludor Engineering)

Welcome to the first newsletter of the Erasmus+ project called "Enabling Industry 4.0 in Small European Enterprises", acronym SEE4.0. Industry 4.0, also called the fourth industrial revolution, brings many opportunities for companies but its implementation is challenging and requires specific knowledge, skills and competences. SEE4.0 project aims at preparing SME owners and managers to face these challenges and to seize the opportunities related to Industry 4.0. Consequently, this newsletter is intended to provide information to relevant stakeholders on the activities, outputs and events of the SEE 4.0 project.



see40.erasmus.site



<https://fb.me/SEE4.0project/>

Project's Aim & Target Group

The main objective of SEE 4.0 is to strengthen key competences (required by Industry 4.0) of SMEs owners and managers through developing innovative training materials in order to train and equip this group with Industry 4.0 relevant knowledge, skills and competences.

The SEE 4.0 project is directed at:

- SME owners, managers at various levels and all personnel delegated to pursuing Industry 4.0 challenges.
- VET trainers, training organizations and identified stakeholders, related to SME-connected structures (e.g. Chambers of Commerce, Clusters, Business Clubs, professional organisations) and Public officials responsible for VET policy-making.

Project's Results

Three main results are expected from SEE4.0 project:

1. Introducing Industry 4.0 to SMEs - practical implementation paper. It will provide essential information for implementation of Industry 4.0 in SME's environment in the form of a collection of "recipes" suitable for SMEs that can be directly used by the owners and managers of SMEs, including practical approaches that support SMEs in the implementation of Industry 4.0.



Introducing Industry 4.0 to SMEs – practical implementation paper



SEE4.0 modular training components



SEE4.0 toolkit with customised learning paths

2. SEE4.0 modular training components. This multilingual and modular course content is designed to allow SMEs to implement various Industry 4.0 elements on a step-by-step manner. It will focus on key aspects related to Industry 4.0 for SMEs: technology and entrepreneurship, ICT and Cyber Security, Ind.4.0/automation, Industrial IoT, Ind.4.0/CAD/CAM/3D Printing, Entrepreneurship for Industry 4.0, including funding/grants to help them grow, internationalization.

3. SEE4.0 toolkit with customised learning paths. It is an innovative learning place that includes, in addition to the practical implementation paper and SEE4.0 modular training components, a set of Case-studies about Industry 4.0 elements and a set of relevant tools and resources explaining Industry 4.0 elements and concepts.

All these outputs will be available in English, Polish, Romanian, Spanish and Greek.

SMEs corner: Industry 4.0

What is Industry 4.0 and why SMEs should implement it?

Industry 4.0 is the digital transformation of industries that allows for collection and use of vast amount of data, enabling more flexible, faster and more efficient processes. The main reasons for a SME to implement Industry 4.0: it allows for mass customisation, better product quality, higher productivity, lower costs, and increased profitability. Also, for many SMEs, this implementation might not be optional, either they adapt to the new business reality, or risk losing the market.



Kick-off meeting



The kick-off meeting of the SEE 4.0 project was hosted by the partner MECB in Malta on Friday 21st December 2019. The eight partner organisations were represented for the kick-off meeting, whose main goal was to set targets for the next six months.

Meet the partners

