

Knowledge Alliance for upskilling Europe's SMEs to meet the challenges of Smart Engineering (SMeART)



Photo: ©SMeART



SMeART
Making Europe's SMEs Smart

“ Being a provider of complete smart electronics products and services, we are always looking for high-tech, innovative, and user-friendly solutions. We support the SMeART project since it helps us to find a way being even more effective towards changing our processes and identifying our weaknesses and strengths. Moreover, we strongly believe, digitalization is something every company has to work on.

Erika SKRLIČ, Atech Electronics, Head of Investments & Project Office

The greatest challenge Europe's enterprises face today is the hotly debated Smart Industry, which means embedding intelligent ICT-based components into key areas of supply, production and distribution chains.

The fact is that Europe's companies lag behind their competitors in the USA and Asia. A key factor for businesses towards improving their digital performance is a close cooperation between engineering SMEs and research institutions from related area. Thus, SMeART brings together the recent research findings in the field of smart engineering and the know-how of manufacturing companies in order to jointly create practical supporting tools for becoming 'smart', such as an online-tool for assessing the 'smartness' of a company, a handbook with tips and scenarios for becoming 'smart', and an online platform for facilitating the exchange between small and medium-sized enterprises (SMEs), higher education and research institutions in the field of smart engineering.

More information

Project website
www.smeart.eu



The Erasmus+ Project Results Platform
<http://ec.europa.eu/programmes/erasmus-plus/projects/eplu-project-details/#project/6d26d0e4-6f81-47be-b05c-81f5767eee52>

Erasmus+

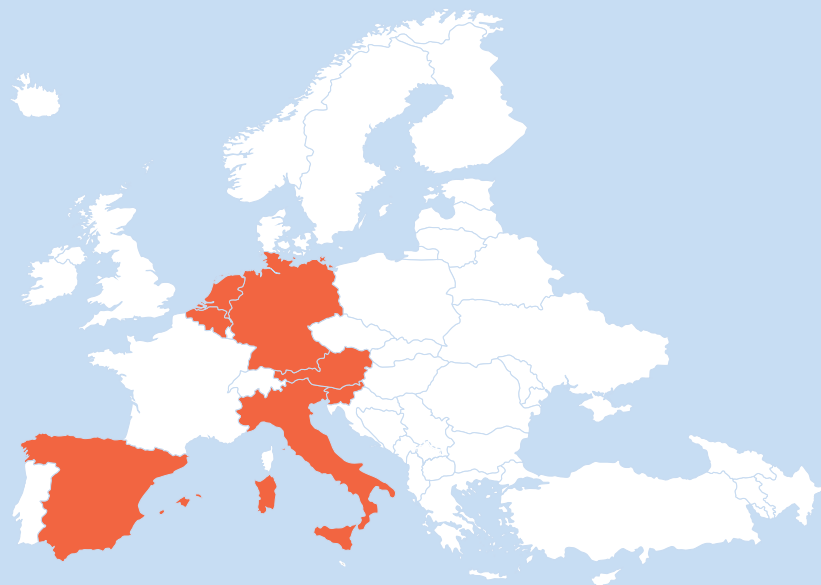
Field: Higher Education

Action: Knowledge Alliances

Key facts and figures

	Partners: 16		Countries: 7
	EU grant: € 987,215		Project duration: 2017 - 2019

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Lead organisation

FACHHOCHSCHULE DES MITTELSTANDES (FHM) GMBH - UNIVERSITY OF APPLIED SCIENCE

Location: Germany

Project countries

Austria, Belgium, Germany, Italy, Netherlands, Slovenia & Spain



SMeART ACTIVITIES

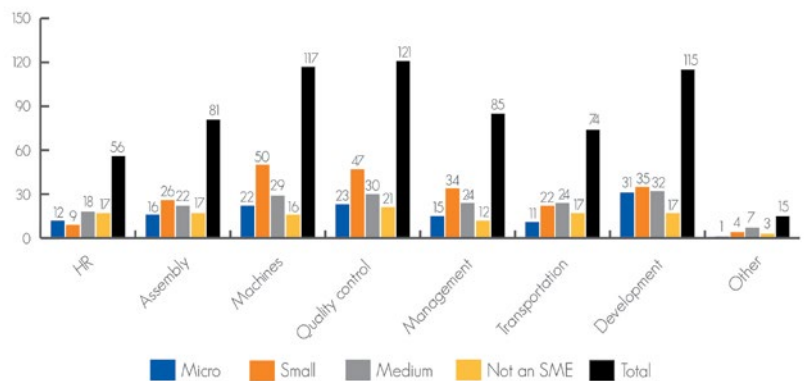
- Gaining an overview of relevant Smart Industry initiatives across all 28 EU member states
- Identifying needs and expectations of engineering SMEs related to Smart Industry
- Designing, testing and implementing a research-business cooperation model for upskilling manufacturing SMEs
- Promoting cooperation and exchange between SMEs, higher education, and other key actors in the field of Smart Industry

Picture Industry 4.0 concept: © Fotolia, zapp2photo

Sustainability

The SMeART online learning and exchange platform (<http://www.smart.eu/en/smart-community/>), which will be open for various stakeholders interested in smart engineering topics, is the main tool towards ensuring project sustainability. The platform will provide a free access to all project products and flexible opportunities for the transnational online experience and know-how exchange. The platform is expected to be maintained until 2025. At this stage, the SMeART team is developing the interactive platform's features and actively promoting the platform to relevant European actors.

In which departments do you see opportunities to implement smart solutions into your company?



Extract of the SMeART survey results on the SMEs needs in smart engineering: answers in numbers.

Social Media



Smart Engineering for small and medium-sized enterprises:
<https://www.linkedin.com/groups/8636280>

Dissemination

The SMeART team has designed a number of supporting tools for the project dissemination such as SMeART flyer, poster, and website. The first online-newsletter has been created in 7 project languages and disseminated within the partners' networks. Generally, project newsletters will be published each six months. The project is being also disseminated through the transnational network E.N.T.E.R. (www.enter-network.eu), which includes more than 900 members from 44 different countries. Joint national Round tables and meetings with participation of representatives of business and research organizations take place. SMeART has been registered on the social web LinkedIn, which is being used for attracting relevant stakeholders to be registered at the SMeART exchange platform, and raising awareness of smart engineering related issues.