SMeART
Making Europe's SMEs Smart

SMeART PARTNERS:

7 European countries
15 partner institutions from business and higher education area

- Fachhochschule des Mittelstands, Bielefeld, Germany;
- European Network for Transfer and Exploitation of EU Project Results, Graz, Austria;
- Institut für Integrierte Produktion Hannover, Hanover, Germany;
- Katholieke Universiteit Leuven, Leuven, Belgium;
- Voka – Kamer van Koophandel Oost-Vlaanderen, Ghent, Belgium;
- Tiber Umbria Comett Education Programme, Perugia, Italy;
- Dimension4, Città di Castello, Italy;
- Universita degli studi di Perugia, Perugia, Italy;
- Gospodarska zbornica Slovenije, Ljubljana, Slovenia;
- Univerza na Primorskem, Koper, Slovenia;
- Federación Vizcaína de Empresas del Metal, Bilbao, Spain;
- Parbleu, Egmond aan den Hoef, the Netherlands;
- Atech Elektronika d.o.o, Materija, Slovenia;
- PILZ Belgium, Ghent, Belgium.
- Interrogare GmbH, Bielefeld, Germany

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Project co-ordinator: Fachhochschule des Mittelstands (FHM)
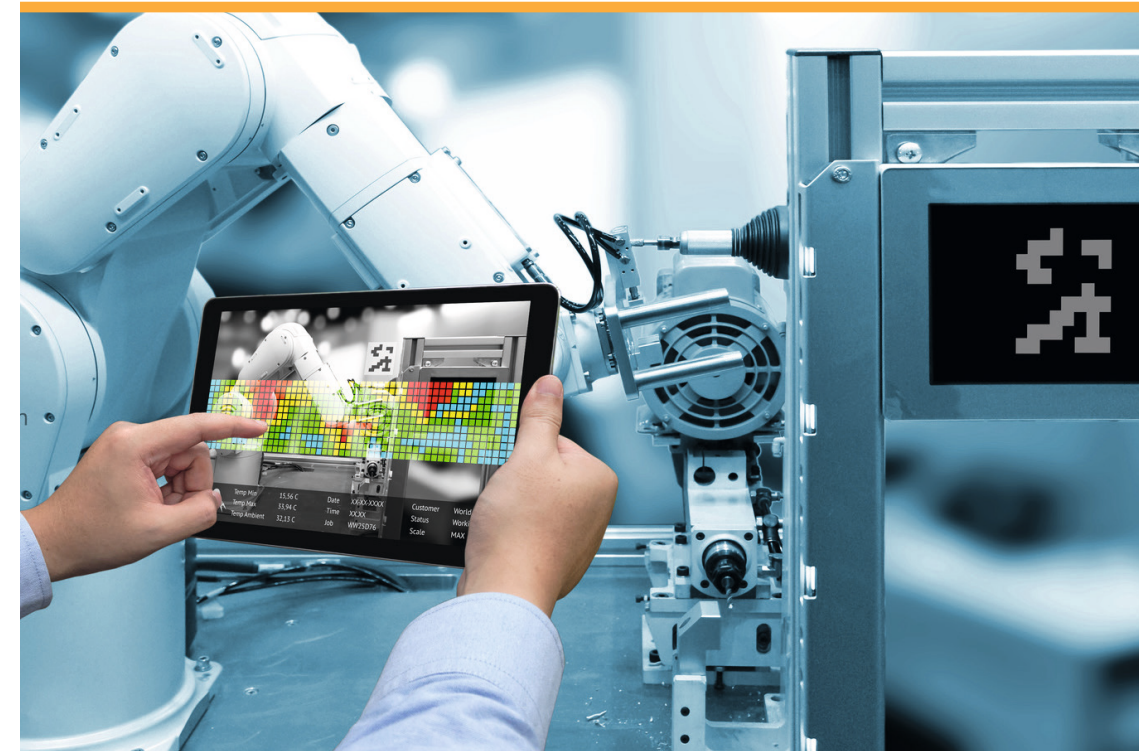**Project reference number:** 575932-EPP-1-2016-1-DE-EPPKA2-KA

KNOWLEDGE ALLIANCE FOR UPSKILLING EUROPE'S SMEs TO MEET THE CHALLENGES OF SMART ENGINEERING

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

This is what a new industrial reality looks like:

- Interconnected machines autonomously keep supplies coming, as soon as parts run low
- Automated guided vehicles (AGV) transport cargo from the warehouse to the shipping department
- Intelligent RFID tags allow a precise and fast goods identification during manufacturing or shipping.

The transition to digitized manufacturing processes and services is urgently needed to successfully operate in the today's market. However, many small and medium-sized enterprises (SMEs) are not aware of the state of the art of Smart Industry and have difficulties when professionally dealing with this issue.
We believe, a close cooperation between engineering SMEs and research institutions from related area is a key factor for businesses towards becoming 'smart'!

The SMeART project seeks to support engineering SMEs in Europe in becoming 'smart':
We want to bring together the recent research findings in the field of Smart Engineering and the practical know-how of small and medium-sized manufacturing enterprises to tackle jointly the related challenges.

- To gain an overview of relevant Smart Industry initiatives across all 28 EU member states
- To identify needs and expectations of engineering SMEs related to Smart Industry
- To design, to test and to integrate a research-business cooperation model for upskilling manufacturing SMEs
- To promote further cooperation and exchange between SMEs, higher education, and other key actors in the field of Smart Industry

- Information about funding opportunities on smart technologies for SMEs in your country
- Insights into the needs and demands of engineering SMEs in the field of Smart Industry
- Access to the supporting online-tools and practical guidelines on how to become a ‚smart company'
- Exchange and networking via the SMeART online-platform