A New Academic-Industry Partnership has been created

A consortium of eight academic and private sector organisations across Europe have joined forces to establish a new and effective industry-academia partnership and pathway for developing and transferring applied research on sustainable metal forming manufacturing management. The partners include Universities/Research Institutions; SMEs and large enterprises, spanning four European countries including UK, Spain, Germany and Sweden.

Are you interested in European funded research that is concerned with:

- Developing and deploying the latest wireless sensor networks-based technologies to measure the energy use of the metal forming processes to increase the awareness and understanding of the energy consumption on manufacturing shop floors.
- Improving the efficiency of energy use through developing best practices in operation planning and scheduling for metal forming production processes to minimize the energy loss during production processes, sharing good practice and success stories on energy and carbon-related planning, management and surveillance systems for metal forming industries.

For more information visit **www.fp7smarter.eu**

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Sustainable Manufacturing Adaptive Services With Cloud Architecture For Enterprises

A smarter way of improving the efficiency of energy use in machining and metal forming processes

The SMARTER solutions are developed to support manufacturing managers and machinists to increase the awareness and understanding of energy consumption in shop floors.

The SMARTER solutions assist manufacturers to adopt innovative energy and carbon efficiency-related planning, management and surveillance software systems.

The SMARTER solutions strive to profile energy consumption trends and reduce energy use in production machinery and to provide real time data monitoring analysis.

The SMARTER project enables partners to work together to develop, deploy and demonstrate intelligent ICT-based services (SMARTER services) in machining and metal forming processes.

Delivering the SMARTER objectives?

The SMARTER project strives to achieve the following objectives, including:

- To share experiences and the latest research in sustainable manufacturing by exchanging staff amongst consortium partners between industries and academia thereby enriching the knowledge base of each partner and achieving research synergies.
- To organise knowledge sharing and outreach activities for relevant communities and stakeholders in wider regions of the EU to increase the awareness of the project outcomes.
- To design sensor-based monitoring service for in-situ and real time energy consumption for sustainable manufacturing management.
- To develop practical cases to demonstrate the latest ICT-based sustainable management technologies for metal forming industries.