

# MAINSTREAMING RESOURCE EFFICIENCY IN MANUFACTURING VALUE CHAINS

15 June 2017 | 13.45-17.45

Thon Hotel EU, Rue de la Loi 75 - Brussels

## Speakers biographies

### MODERATOR

**Astrid Severin, Managing Director, Greenovate! Europe**



Astrid Severin is Co-founder and Managing Director of Greenovate! Europe, an independent expert group dedicated to the development of sustainable business. She is involved in several European projects on resource efficiency in industry and eco-innovation policy development, and has co-authored several publications on resource efficiency in manufacturing, including a study on “Resource Efficiency Potentials of Manufacturing Industries”, carried out for the UK Department for Environment, Food and Rural Affairs (Defra). In the framework of the REMake project, Astrid also contributed to the elaboration of a “Guide to resource efficiency in manufacturing”. Astrid was previously a Policy Officer at the European Commission responsible for various eco-innovation subjects and related policy instruments.

### SPEAKERS AND PANELLISTS

**Joseba Bilbatua, Senior Manager Innovation & Technology, Mondragon Corporation (Spain)**



Joseba Bilbatua is responsible for Advanced Manufacturing Research and Innovation projects for Mondragon Corporation. He holds an MSc. in Advanced Manufacturing Technologies from the Engineering School of Bilbao and is the coordinator of the MEMAN project, funded under the Horizon 2020 Factories of the Future Programme. His main areas of activity cover production equipment, environmental impact analysis of production processes, smart mechatronics and micro-manufacturing technologies. He coordinates the Spanish Advanced Manufacturing Technology Platform, as well as the Advanced Manufacturing Working Group of the ERRIN Network.



# MEMAN

INTEGRAL MATERIAL AND ENERGY FLOW MANAGEMENT  
IN MANUFACTURING METAL MECHANIC SECTOR

## Edd Jones, Research and Development Group Manager, C-Tech Innovation (United Kingdom)



Edd Jones is C-Tech Innovation's Research and Development Group Leader. He is currently responsible for a portfolio of over 30 multi-disciplinary research projects across a range of sectors, including recycling, materials recovery and process development. Edd has a degree in Chemistry from the University of Durham and has worked as a project manager at C-Tech for seven years. He is involved in the management of project teams working on the integration of technical innovations and on the development of business and commercialisation strategies for innovative products and processes.

## Olivier Leroux, Industrial and Sustainable Performance Manager, CETIM (France)



Olivier Leroux is the Industrial and Sustainable Performance Department Manager at CETIM, the French Technical Centre for Mechanical Industries. He is a qualified Engineer from Arts et Métiers Paristech (France) and has been working in an industrial environment for over 20 years. At CETIM, Olivier has been involved in regional networking on efficient process design, and in the development of innovative and clean processes for the mechanical industry. Within MEMAN, CETIM is responsible for the management of the Machining Competence Cluster.

## Jaio Manzanedo, Senior Engineer, IK4-IKERLAN (Spain)



Jaio Manzanedo is Senior Engineer in Energy Management at IK4-IKERLAN, a Technological Research Centre specialising in mechatronic systems. He has a degree in Industrial Engineering from the Universidad del País Vasco. At IK4-IKERLAN, Jaio is conducting R&D&I on thermochemical processes and energy management. Within the MEMAN project, he is analysing present Energy consumption in the casting value chain while identifying stages in the processes responsible for the highest consumption and waste energy generation to help companies implement more energy-efficient designs and production processes.





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## Sebastian Thiede, Head of Sustainable Manufacturing Research Group, Institute of machine tools and production technology, Technische Universität Braunschweig (Germany)



Dr. Sebastian Thiede leads the Sustainable Manufacturing research group at the Institute of Machine Tools and Production Technology, Technische Universität Braunschweig and is a member of the Institute's Management Board. Sebastian is mainly working on technologies as well as digital methods and tools to foster sustainability in manufacturing. Throughout his career, Sebastian Thiede has already published more than 100 papers at conferences and in scientific journals, and worked on several industry and publicly funded research projects. He is also the technical coordinator of the MEMAN project.

## Jürgen Tiedje, Head of the Advanced Manufacturing Systems and Biotechnologies Unit, DG Research & Innovation, European Commission



Jürgen Tiedje has been the Head of the Advanced Manufacturing Systems and Biotechnologies Unit at the European Commission since January 2017. This Unit is managing and funding around 260 research projects focusing on advanced manufacturing processes under the Horizon 2020 programme and coordinates the work around contractual Public Private Partnerships within the Commission. A trained lawyer, Jürgen joined the European Commission in 1992 and has occupied different positions in European policy making since then, including within industry, services and financial services.

## Ernst-Udo Sievers, Managing Director, eiffo (Germany)



Ernst-Udo Sievers is Managing Director of eiffo, a German registered co-operative society that was established to co-ordinate the research, development and innovation activities of around 200 industrial companies of the German surface engineering sector. In the MEMAN project, Ernst-Udo is coordinating the surface finishing competence cluster with the aim of enabling re-engineering of the value chain of stainless steel hydraulic piston rods. The project is an essential contribution to the research and innovation roadmap of eiffo and its innovation network members that has been developed and continuously updated since 2009. In the past, Ernst-Udo has worked as an innovation expert for the European Commission as well as for the German government, and has coordinated numerous research and innovation projects.

