



European Workshop

"Resource Efficiency in the Manufacturing Industries – Methods, tools and best practices"

24 November 2017

VDI Centre for Resource Efficiency
Berlin

Date: Friday, 24 November 2017, 9:30 – 17:00

Venue: VDI Centre for Resource Efficiency, Bertolt-Brecht-Platz 3, 10117 Berlin, Germany

Participants: This workshop will gather around 30 representatives of business support organisations, including established and prospective providers of resource efficiency advisory and consulting services from European countries and regions in the process of setting up resource efficiency services for small and medium-sized enterprises (SMEs).

Main objectives of the event: Participants shall develop a comprehensive understanding of selected innovative methods, tools and best-practice examples for resource efficiency in manufacturing industries. The workshop further allows to identify individual learning arenas (capacity building) and to connect to other stakeholders with relevant expertise (networking).

Language of communication: English



9:00 am: registration and welcome coffee

09:30 – 10:00	Welcome addresses and introduction
09:30	<i>Eva-Maria Revilla-Peñaranda</i> , European Commission
09:40	<i>Birgit Schwenk</i> , German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety
09:50	<i>Dr. Martin Vogt</i> , VDI Centre for Resource Efficiency (VDI ZRE)
10:00 – 10:30	The European Resource Efficiency Knowledge Centre
10:00	Current developments within the European Resource Efficiency Excellence Centre <i>Kincsö Izsak</i> , Technopolis Group Belgium
10:15	Q&A
10:30 – 11:00	The VDI Centre for Resource Efficiency (VDI ZRE)
10:30	The VDI Centre for Resource Efficiency (VDI ZRE) <i>Maximilian Müller</i> , VDI Centre for Resource Efficiency (VDI ZRE)
10:45	Q&A
11:00 – 11:35	Introduction: Strategic approaches to resource efficiency in manufacturing industries
11:00	The VDI guideline 4801 “Resource efficiency in small and medium-sized enterprises (SME) - Strategies and procedures for the efficient use of natural resources” <i>Manuel Weber</i> , VDI Centre for Resource Efficiency (VDI ZRE)
11:20	Q&A
11:35 – 12:35	Case study 1: Material choice & Extension of technical lifetime
11:35	Durability and material choice in Ecodesign <i>Dr. Nikolaus Marbach</i> , Sustainable Design Center e.V.

11:55	Experiences of operational practice in Scotland <i>NN, Zero Waste Scotland</i>
12:15	Interactive discussion
12:35 – 13:35	Networking lunch
13:35 – 14:35	Case study 2: Reduction of energy consumption
13:35	The dimension of energy efficiency in consulting practice <i>Matthias Graf, Effizienz-Agentur NRW (EFA NRW)</i>
13:55	Tool solutions for energy efficiency: enManage and STRATA <i>Pavel Ruzicka, ENVIROS</i>
14:15	Interactive discussion
14:35 – 15:55	Case study 3: Manufacturing-process related recirculation
14:35	Circular economy within and beyond manufacturing processes <i>Prof. Dr. Dr. h.c. Markus Reuter, Helmholtz Institute Freiberg for Resource Technology</i>
14:55	How to improve Resource Efficiency using Material Flow Cost Accounting <i>Michael Bruns, ifu Institute for Environmental Informatics Hamburg</i>
15:15	Practical experiences from circular economy demonstration projects <i>Ander Elgorriaga, IHOBE Public Environmental Management of the Basque Government</i>
15:35	Interactive discussion
15:55 – 16:25	Coffee break
16:25	Wrap-up session
17:00	End of the workshop

