

Workshop overview

Recovery technologies for construction and demolition waste

16-17 November 2016
Technische Universität Wien
Vienna, Austria

Organized by
COST Action 'Mining the European Anthroposphere (MINEA)'

Day 1: Wednesday 16th November 2016

- 9:00** REGISTRATION
- 09:30** Welcome and workshop overview
Mohamed Osmani (Loughborough University, UK)
- 09:40** COST Action CA15115: Mining the European Anthroposphere (MINEA)
Ulrich Kral (Vienna University of Technology, Austria)
- 10:00** ZenRobotics construction and demolition waste sorting technologies
Maciej Borkowski (ZenRobotics, Finland)
- 10:30** Material Flow Analysis of stocks and flows to assess construction and demolition waste recovery potential
Clemens Deilmann (Leibniz Institute of Ecological Urban & Regional Development, Germany)
- 11:00** Strategies for the recovery and recycling of raw materials from construction and demolition waste: IRCOW and HISER projects
Amaia Lisbona (Tecnalia, Spain)
- 11:30** **COFFEE BREAK**

- 11:45** Construction and demolition waste recycling assessment and optimisation
Mohamed Osmani (Loughborough University, UK)
- 12:15** Recycling and closing the loop for gypsum products: The European Gypsum Industry
circular economy approach
Christine Marlet (Eurogypsum, Belgium)
- 12:45** Recycling of construction finishing work wastes
Rym Mtibaa (Recylum, France)
- 13:15** **LUNCH**
- 14:00** **BREAKOUT SESSION**
Construction and demolition waste recovery challenges and enablers
- 15:30** **COFFEE BREAK**
- 15:45** **DEBATE**

The EC and Member States' actions and incentives to support the industry to achieve the
Waste Framework Directive target to reuse, recycle and recover 70% (by weight) of
construction and demolition waste by 2020
- 17:00** **CLOSE OF DAY 1 ACTIVITIES**
- 19.00** **NETWORKING DINNER**

Day 2: Thursday 17th November 2016

- 9:00** Overview of Day 2 workshop activities
Mohamed Osmani (Loughborough University, UK)
- 9:10** **PLENARY PRESENTATION**
On-site wet-screening of construction and demolition waste
Christian Mlinar (Bernegger GmbH, Austria)
- 9:40** **SESSION 1: CONSTRUCTION AND DEMOLITION WASTE RECOVERY NATIONAL AND REGIONAL STRATEGIES**
- 9:40** New initiatives in Belgium to improve the current construction and demolition waste management practice and develop innovative solutions
Jeroen Vrijders (Belgian Building Research Institute, Belgium)
- 10:10** Construction and demolition waste management and recovery in Lombardy Region, Italy
Lucia Rigamonti and Sara Pantini (Politecnico di Milano, Italy)
- 10:40** **COFFEE BREAK**

11:00 SESSION 2: CONSTRUCTION AND DEMOLITION WASTE RECOVERY TOOLS

11:00 Clean-Way software facilitating construction and demolition waste recycling- real-time data to reach zero waste

Krisztián Petrovszki (Clean-Way Ltd, Hungary)

11:30 Dynamic Performance Assessment of construction and demolition waste recovery policies

Ibrahim Motawa (Heriot-Watt University, Scotland)

12:00 Density based separation of heterogeneous construction and demolition waste mixtures

Erik Marklund (Luleå University of Technology, Sweden)

12:30 WORKSHOP CLOSING REMARKS AND COST Action CA15115 (MINEA) NEXT STAGES

Mohamed Osmani (Loughborough University, UK) and Ulrich Kral (Vienna University of Technology, Austria)

13:00 LUNCH