



Circular-CRM IdeaCamp and Workshop
**INNOVATION & RESEARCH
IN THE E-WASTE RECYCLING CHAIN**
Improving Circular Economy of Critical Raw Materials

13-14 September 2017, Lunch-to-Lunch
Eurogress Congress Centre, Aachen, Germany



EIT RawMaterials is supported by the EIT,
a body of the European Union

Day 1: Wednesday, 13 September 2017

- 12:00 - 13:00** Registration and Welcome Lunch
- 13:00 - 13:10** IdeaCamp and Workshop Layout - Objectives and Approach
Wesley Crock, EIT RawMaterials
- 13:10 - 13:20** RWTH Aachen Welcome
Prof Rudolf Mathar, Vice-Rector for Research and Structure, RWTH Aachen University
- 13:20 - 13:35** Innovation in EIT RawMaterials
Dr Rosalia Delgado, EIT RawMaterials
- 13:35 - 14:00** Logistics, Collection and Pre-Processing
Optimizing the logistics, collection and pre-processing of CRM-containing WEEE
Prof Vera Susanne Rotter, TU Berlin
- 14:00 - 14:25** Recycling and Recovery Technologies
Metallurgical Recovery Technologies Impulses to Increase Efficiencies for Critical Raw Materials
Prof Bernd Friedrich, RWTH Aachen University
- 14:25 - 14:50** CRM Compositions and EEE Product Trends
Trends in CRM compositions and demand in EEE applications
Dr Jaco Huisman, United Nations University (UNU)
- 14:50 - 15:05** Materials Criticality: Reducing Vulnerabilities
Dr Luis Tercero Espinoza, Fraunhofer-Institut für System- und Innovationsforschung ISI
- 15:05 - 15:10** Introduction and Expectations of the Parallel Sessions
Wesley Crock, EIT RawMaterials
- 15:10 - 15:30** Coffee Break
- 15:35 - 18:00** **PARALLEL SESSIONS**

SESSION 1:
Logistics, Collection and Pre-Processing
Chair: Prof Vera Susanne Rotter
TU Berlin

SESSION 2:
Recycling and Recovery Technologies
Chair: Prof Bernd Friedrich
RWTH Aachen University

SESSION 3:
CRM Compositions and Product Trends
Chair: Dr Jaco Huisman
UNU

15:35 - 16:15

Universities/Research And Training Organizations

- tbc
- Dr Henning Wilts
Wuppertal Institut
- Prof Bo Bjoerkman
Lulea University of Technology
- Dr Martina Petranikova
Chalmers University
- Dr Doris Schueler
Oeko-Institut e.V.
- Dr Rene Kleijn
Leiden University

16:15 - 16:55

Industry

- Marc van Gerrevink
Van Gerrevink
- Martin Jaehnert
Binee
- Dr Amal Siriwardana
Tecnalia
- Dr Christina Meskers
Umicore
- Dr Solange Blaszkowski
Philips
- Prof Markus Reuter
on behalf of Fairphone, MARAS
and Helmholtz Institute

16:55 - 17:35

Policy/European Level

- Luca Campadello
Ecodom
- Dr Federico Magalini
SOFIES
- Dr Fabrice Mathieux
Joint Research Centre (JRC)
- Norbert Zonneveld
European Electronics
Recyclers Association (EERA)
- Sarah Downes
ProSUM Project
- Dr Dave Peck
TU Delft

17:35 End of Day 1

19:00 - 22:00 Dinner at "Ratskeller" (your own contribution)

Day 2: Thursday, 14 September 2017

09:00 - 09:10 Introduction of the Workshop and Expectations

09:10 - 11:30 **PARALLEL SESSIONS WORKSHOP**

Sessions to work in teams on challenges identified in day 1 in their respective parallel sessions

09:10 - 09:30 Introduction of the Parallel Session Challenges

SESSION 1:
Logistics, Collection and Pre-Processing

SESSION 2:
Recycling and Recovery Technologies

SESSION 3:
CRM Compositions and Product Trends

09:30 - 10:30

Round 1 of Challenges

Challenges to be defined based on expert and participant input from Day 1

10:30 - 11:30

Round 2 of Challenges

Challenges to be defined based on expert and participant input from Day 1

11:30 - 12:00 Coffee Break

12:00 - 13:00 Parallel Session Presentations and Discussion
Chairs and Facilitators

13:00 - 14:00 Lunch Break and End of the IdeaCamp

14:00 - 16:00 Guided tour of select RWTH Aachen University facilities and laboratories of the Department of Process Metallurgy and Metal Recycling (IME) and others.

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Eurogress Congress Centre, Monheimsallee 48
52062 Aachen, Germany

More information: eitrawmaterials.eu/events/circular-crm/
Registration: www.lyyti.in/ewaste_aachen

Organised by EIT RawMaterials e.V, executed by EIT RawMaterials CLC West BVBA

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