



# CRM\_InnoNet

Substitution of Critical Raw Materials

## Substitution Of Critical Raw Materials – Importance For European Industry Workshop

September 16, 2013, Warsaw University of Technology

CRM\_InnoNet (Critical Raw Materials Innovation Network) will host a workshop on the substitution of critical raw materials (CRMs) across three key European industry sectors:

- Energy
- ICT and Electronics
- Transport (Aerospace and Automotive)

### Workshop objectives:

- To present a value chain analysis for three key sectors to identify critical raw material bottlenecks
- To validate the analysis and identify next steps
- To map potential technologies which may act as substitutes

### Who should attend?

The event is open to stakeholders from all parts of the value chain with an interest in critical raw materials and will be of particular interest to delegates from the Energy, ICT and Transport sectors.



### What is CRM\_InnoNet?

CRM\_InnoNet (Critical Raw Materials Innovation Network) will drive innovation and influence policy in the field of substitution of critical raw materials for the benefit of EU industry by:

- Mapping critical raw material substitution initiatives.
- Developing a methodology to establish clear criteria for the prioritisation of applications which are at 'threat' and identify opportunities development.
- Elaboration a roadmap for the substitution of critical raw materials.
- Creation of an Innovation Network will constitute a dynamic, open and proactive platform for the entire stakeholder community.
- Preparation of recommendations, future initiative ideas and suggested actions for policy makers.

To find out more about CRM\_InnoNet or to participate in its Innovation Network, visit:

[www.criticalrawmaterials.eu](http://www.criticalrawmaterials.eu)

**Register today! [CLICK HERE!](#)**

*Don't miss out on the chance to participate in this event; secure your place by registering today.*

*Registration is free and funding is available to support travel costs.*

*For full details of support available and conditions, [click here](#).*

Enquiries: Please email [CRM@CIKTN.co.uk](mailto:CRM@CIKTN.co.uk)

## Also interested in the latest advances in Materials Science?

This workshop is co-hosted by CRM\_InnoNet and the European Materials Research Society (EMRS) Fall Meeting. Delegates may wish to extend their stay in Warsaw to attend the EMRS meeting (separate registration required). [Click here](#) for further details of the EMRS meeting programme.

### Programme:

Chairperson: *Ton Bastein, TNO*

12:30	Registration & Lunch	
14:00	Welcome and introduction to CRM_InnoNet	Catherine Joce, Chemistry Innovation
14:15	Industrial approach/strategy for the management of critical raw materials	Guest Speaker
14:35	Question and Answer	
14:45	European industrial dependence on critical raw materials: Screening and value chain analysis of applications in three strategic sectors reliant on critical raw materials	
	Energy	Aymeric Brunot, CEA/ Kristina Bette, Fraunhofer ISI.
	Transport (Aerospace and Automotive)	Conny Haraldsson, SP/ Kristina Bette Fraunhofer ISI.
	ICT and Electronics	Ulla-Maija Mroueh, VTT/ John Bachér, VTT / Kristina Bette, Fraunhofer ISI.
16:25	Workshop Session:  1. Identification of next generation technologies 2. Validation of value chain analysis and next steps  Coffee and tea to be available throughout this session	
17:15	Closing comments and next steps	

*Please note this programme is subject to change.*

*The language of the workshop will be English.*

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