



Project Activity



Register now for the CRM_InnoNet Final Conference!

On 17 June 2015 the **CRM_InnoNet** team is hosting a High Level Conference called **'SUBSTITUTION means EVOLUTION'** in Brussels. The conference marks the final stage of the [CRM_InnoNet project](#) and celebrates 3 years of activities and policy research in the area of substitution of critical raw materials. Registration is free!

Join us at our final conference and you will be able to:

- Learn about the opportunities provided by substitution and how it can solve technological challenges.
- Witness the state of play of substitution of CRMs in Europe with keynote speeches from companies and government bodies.
- Meet up with key EU industrial sectors in the area of substitution.
- Engage in discussions during dedicated panel debates to implement recommendations towards a European circular economy.
- Discuss with policy makers, industrial players, entrepreneurs and academia during the networking cocktail.

- Become part of the Innovation Network and meet potential partners for substitution projects in Horizon 2020.

At the conference you will also be able to explore applications of substitution in the exhibition space! If you wish to bring your own products and have your own stand (no fees apply!), drop us an email at man@cefic.be.

Confirmed speakers include: Eva Kaili (MEP and STOA Vice-Chair), Iñigo Charola (Graphenea, Spain), Dario della Sala (ENEA, Italy), Thomas Lograsso (Critical Materials Institute, USA), Holger Gruenewald (Projektraeger Juelich Forschungszentrum Juelich GmbH, Germany), Eberhard A. Gschwindt (EIB, Luxemburg), Luis Tercero (Fraunhofer Institute, Germany) and Christos Tokamanis (EU Commission).

The conference will take place at the [Royal Flemish Academy of Belgium for Sciences and Arts](#) in Rue Ducale 1 in Brussels.

Registration is open until 10 June on the following link: <https://www.eventbrite.com/e/substitution-means-evolution-final-crm-innonet-conference-tickets-16560043536#>.

Upcoming Events

- **23 June 2015:** [From bugs to business: Unlocking the Bioeconomy in Europe](#), Brussels
- **23-24 June 2015:** [World Materials Forum](#), Nancy, France
- **25 June 2015:** [Closing the Loop - Circular Economy: boosting business, reducing waste](#), Brussels
- **25-26 June 2015:** [International Days in Critical Raw Materials](#), Burgos, Spain

Substitution is evolution: Act now!

The **CRM_InnoNet** project has just released a video to address the importance of substitution of critical raw materials for Europe's economic growth and competitiveness. What are the critical raw materials? What are their main applications? Why do we need substitution? ... And much more!



Check out our substitution roadmaps

The **CRM_InnoNet** project has just published a [report](#) summarizing the insights gained on substitution options in products and technologies in the fields of energy, transport and communication services. The report consists of five roadmaps elaborating in five applications of strategic importance for the European industry and describes promising pathways for reducing or eliminating CRMs over the next 10 to 15 years. These applications are: Printed Circuit Boards and electronic components, permanent magnets, batteries and accumulators, high-value alloys and photonics. All roadmap reports are also available as stand-alone documents at <http://www.criticalrawmaterials.eu/documents/>.

General enquiries and comments? Email criticalrawmaterials@ktn-uk.org or find us on Twitter @CRM_InnoNet





Presentations from the CRM_InnoNet Policy workshop are now online

On 3 March 2015 more than 30 experts gathered in Brussels for the workshop "Paving the way for substitution of Critical Raw Materials", jointly organized by [TECNALIA](#) and [Cefic](#).

The event started with an overview of the **CRM_InnoNet** project by Claire Claessen (KTN), while Katharina Eckartz from Fraunhofer ISI went on to share findings from mapping of national strategies and programmes in the EU. Dr.-Ing. Holger Grünewald (BMBF) and José Carlos Kullberg (University of Lisbon) presented supporting examples from Germany and Portugal respectively. **The presentations can be found on http://www.criticalrawmaterials.eu/documents/project-dissemination-downloads/crm_innonet-workshop-presentations-and-posters/.**



Two consecutive working sessions allowed participants to discuss potential policy responses towards substitution, as well as foreseen barriers for their implementation, including trade-offs and synergies with sector policies. The findings of this workshop will be consolidated in the **CRM_InnoNet** final policy recommendations.

Close up on KTN



KTN connects people to speed up innovation, solve problems and find markets for new ideas. Established by [Innovate UK](#) to build better links between science, creativity and business, the KTN has specialist teams covering all significant sectors of the economy, from defence and aerospace to the creative industries, the built environment to biotechnology and robotics. KTN's expertise in connecting sectors, disciplines and skills with the right collaborations and business approach is what helps unlock the tremendous hidden value in people and companies. For more information, visit www.ktn-uk.co.uk.

As of 1st April 2014 KTN has been the Project Coordinator of **CRM_InnoNet**¹, leading the project management (WP1) and overseeing the delivery of **CRM_InnoNet** in time and to budget. KTN has been leading the dissemination activities (WP7) and contributed to WPs 2, 4, 5, 6 and 8 at task level. As Coordinator of **CRM_InnoNet** KTN has actively engaged with related initiatives, such as the EIP on Raw Materials, ERECON, ERA-MIN and the EIT Raw Materials KIC to maximise alignment of activities around the substitution topic.

1: Following a company restructuring, which saw Chemistry Innovation transfer to the newly created company KTN Ltd.

CRM_InnoNet goes to Spain

[Antonia Morales Perez](#), [Cefic innovation manager and SusChem co-ordinator for National Technology Platforms](#) will be presenting the chemical industry's perspective on the substitution of CRMs in the EU industrial value chain at the "International Days in Critical Raw Materials: Extraction, recycling & innovative industrial technologies" on 25 June in Burgos, Spain.

Get involved!

Share your expertise and knowledge about substitution of critical raw materials with the Innovation Network of CRM_InnoNet at www.criticalrawmaterials.eu.

