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Newsletter #6 - July 2019

SAVE THE DATE!



We're happy to announce that this year's annual event will be held on 21-23 October in Kristiansand, Norway.

Tuesday 22 October will be dedicated to "METNET up-scaling activities".

More information and details will follow in the coming weeks.
We're looking forward to seeing you again at this year's edition.

Make sure you mark your calendars!

PROMETIA ACTIVITIES

PROMETIA welcomes two new members

Université de Lorraine and **ORANO Mining** have recently joined the PROMETIA Association.



Université de Lorraine (UL) has defined few priority topics in Research and Education in links with societal challenges of the 21st century, including the sustainable management of raw materials and their valorisation. This topic mainly relies on fundings from European projects, KIC Raw Materials, industrial collaborations, national projects (ADEME, ANR, etc.) and the Labex RESSOURCES21.



ORANO Mining (CIME - Extractive Metallurgy Innovation Center) is a R&D center that supports mining and nuclear activities. The group also works in different fields: co-products valorisation, characterisation of metals (with or without radioactivity), waste treatment. To this end, ORANO Mining has technical knowledge in extractive metallurgy.

METNET has recently joined PROMETIA

We are happy to inform you that PROMETIA and Metnet have recently concluded a new partnership.

This partnership will allow Metnet to boost its development towards becoming the pilot research solution for European mining and metallurgical industry.

Funded by EIT 2016-2018, Metnet is a network of independent European pilot plants that design, construct and operate large pilot-scale equipment for mineral and metallurgical processes.

More information
about METNET

MEMBERS' ACTIVITIES

SCRREEN 3rd annual Critical Raw Materials event



Raw Materials Week

18-22 November 2019



The third annual **Critical Raw Materials (CRMs)** event will offer the opportunity to a variety of stakeholders to be updated on the latest EU activities in the field of Critical Raw Materials. The event will take place on **18 November 2019 during the Raw Materials Week** and is **co-organised by the European Commission, and the Horizon 2020 project SCRREEN** – the European Expert Network on CRM, together with other EU projects.

Tech Tour 2019



The **2019 Tech Tour**, organised in Kristiansand, Norway on 23-25 October 2019 will allow the attendees to visit **Elkem** (pilot facility), **Glencore Nikkelverk** (nickel, copper and cobalt producer), **ReSiTec** (recycling test centre) and the **University of Agder**.

Attendance is restricted to the "Young Generation": PhD Student, Post-Doc, young engineer or researcher in early career (< 3 years). As the attendance is limited to 22 people, the final selection of the attendees will be made by the end of August.

More information &
registration

REIA Global Stakeholders launch the Rare Earth Industry Association

The **Rare Earth Industry Association (REIA)** has recently announced its formation as a new global association for rare-earth industry stakeholders. The association was launched with the support of **EIT RawMaterials**, a European R&D funding agency.

==> Click **HERE** for more information on the Rare Earth Industry Association.

PaperChain surveys



The **PaperChain project** aims at valorising wastes from the pulp and paper industry in replacement of raw materials used in the Construction, Civil Work, Chemical and Mining sectors.

- **Use of lime mud ashes** to replace granulates of the pre-cast concrete mix. The ashes can be incorporated with minimum pre-treatment thanks to their purity and thin granularity.
- **Use of ashes** resulting from the combustion of paper production wastes as components of hydraulic road binders, in place of concrete and quicklime.
- **Use of green liquor dregs in sealing layers** against acid rock drainage in place of usual materials. Dregs have a low hydraulic conductivity, a thin granularity and are alkaline. These characteristics limit the oxidation of mining waste deposits, reducing their transformation into acid rock drainage.

Replacing usual materials requires a lot of efforts, considering traditions, norms and the huge quantities needed. A first step is to investigate who would be interested in using paper industry wastes, for they offer environmental and economic benefits.

To this aim, the project has opened two surveys:

- One for those working with pre-cast concrete, backfill materials, asphalt, and hydraulic road binders: ***click [HERE](#) to have access to the survey.***
- Another for those working with acidic effluents, especially in the mining sector: ***click [HERE](#) to have access to the survey.***

If you work with any of these materials or know colleagues who do, please complete the corresponding survey and/or forward it to your colleagues.

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