



## The JRC / HaDEA Technical Workshop

### “Channelling knowledge from European projects into the Raw Materials Information System (RMIS)”

Online event, 3<sup>rd</sup> December 2021

#### AGENDA

3 <sup>rd</sup> December 2021, Friday	
<b>10:00 – 11:00</b>	<p><b>Background &amp; Context</b>  <i>(Chaired by Constantin CIUPAGEA, HoU Land Resources, JRC)</i></p>
	<p><a href="#">Opening of the workshop, objectives and structure</a></p> <p><b>Constantin CIUPAGEA</b>, HoU, Land Resources, JRC</p>
	<p><a href="#">Overview of Horizon 2020 &amp; Horizon Europe raw materials calls</a></p> <p><b>Victoria PETROVA</b>, HoU, Industry, HaDEA</p>
	<p><a href="#">Overview on the draft resolution on ‘Mineral resource governance’ of the UNEA</a></p> <p><b>Luca MARMO</b>, Senior expert, SDGs, Green Finance &amp; Economic Analysis, DG ENV</p>
	<p><a href="#">Overview of EIT RawMaterials activities &amp; projects relevant for the RMIS</a></p> <p><b>Patrick NADOLL</b>, Senior Advisor, EIT Raw Materials</p>
	<p><a href="#">Latest EEA work on circular and sustainable resource management</a></p> <p><b>Ioannis BAKAS</b>, European Environment Agency (EEA)</p>
	<p><a href="#">The Raw Materials Information System (RMIS): context, latest developments &amp; roadmap</a></p> <p><b>Simone MANFREDI</b>, Land Resources, JRC</p>
<b>11:00 – 11:30</b>	<p><b>Technical guidelines for channelling knowledge into the RMIS and examples of integration of projects’ outputs</b>  <i>(Chaired by Simone MANFREDI, Land Resources, JRC)</i></p>
	<p><a href="#">Examples and plans of integration into the RMIS, an overview</a></p> <p><b>Tamas HAMOR</b>, Land Resources, JRC</p>
	<p><a href="#">Technical guidelines on integration of knowledge outputs to the RMIS</a></p> <p><b>Theodor CIUTA</b>, IT architect, Land Resources, JRC</p>
	<p>Discussion <i>(All participants)</i></p>

<b>11:30 – 12:30</b>	<b>Projects' presentations of key outputs &amp; plans of knowledge transfer into the RMIS</b> (Chaired by Simone MANFREDI, Land Resources, JRC) Presentations by (ca. 7-8 min. per project):	
	<a href="#">CERA 4in1</a>	<b>Lukas Förster</b>
	<a href="#">CEWASTE</a>	<b>Shahrzad Manoochehri</b>
	<a href="#">CHROMIC</a>	<b>Liesbeth Horckmans</b>
	<a href="#">Mintell4EU</a>	<b>Jørgen Tulstrup</b>
	<a href="#">RemovAL</a>	<b>Efthymios Balomenos</b>
<a href="#">SCREEN2</a>	<b>Olivier Frezot</b>	
<b>12:30 – 13:15</b>	<b>Lunch break</b>	
<b>13:15 – 14:30</b>	<b>Projects' presentations of key outputs &amp; plans of knowledge transfer into the RMIS</b> (Chaired by Laura PETROV/Jonas HEDBERG, Industry, HaDEA) Presentations by (ca. 5 min. per project):	
	<a href="#">DIGIECOQUARRY</a>	<b>José Eugenio Ortiz</b>
	<a href="#">GREENPEG</a>	<b>Carla Pueyo Lloret</b>
	<a href="#">ICEBERG</a>	<b>David García, Dario Pagano</b>
	<a href="#">illuMINEation</a>	<b>Philipp Hartlieb</b>
	<a href="#">INFACT</a>	<b>Moritz Kirsch</b>
	<a href="#">ION4RAW</a>	<b>Maria Tripiana Serrano</b>
	<a href="#">ReActiv</a>	<b>Efthymios Balomenos</b>
	<a href="#">RE-SOURCING</a>	<b>Andreas Endl</b>
	<a href="#">SALEMA</a>	<b>Manel da Silva</b>
	<a href="#">Sea4Value</a>	<b>Daniel Frank</b>
<a href="#">SisAl Pilot</a>	<b>Gabriella Tranell</b>	
<a href="#">SUMEX</a>	<b>Michael Tost</b>	
<b>14:30 – 15:00</b>	<b>Discussion, Questions &amp; Answers</b> (All participants, moderated by David PENNINGTON, Raw Materials Portfolio leader, Land Resources, JRC)	
<b>15:00 – 15:15</b>	<b>Conclusions and closure of workshop</b> <ul style="list-style-type: none"> <li>• <b>Victoria Petrova</b>, HoU, Industry, HaDEA</li> <li>• <b>Constantin CIUPAGEA</b>, HoU, Land Resources, JRC</li> </ul>	

## Goal & scope

This workshop continues the well-established dialogue between the JRC, HaDEA and EU-funded project consortia in relation to the Raw Materials Information System (RMIS).

Participants will discuss:

- How to facilitate technical dialogue (both IT and content-wise) for efficient knowledge transfers;
- How to increase awareness of project outputs and how best these can support identified RMIS development needs and priorities;
- The most relevant knowledge needs on raw material value chains (both primary and secondary).

## Context

The Raw Materials Information System (RMIS)<sup>1</sup> is the EC's reference knowledge platform on non-food, non-energy raw materials from primary to secondary sources, along the entire raw materials value chains. The RMIS provides the core basis for raw materials knowledge and analyses required to support EU policy, in particular the European Green Deal (COM(2019) 640), the 2020 Circular Economy Action Plan (COM(2020) 98) and the 'Industrial Strategy for Europe' (COM(2020) 102). It also facilitates knowledge needs related to the triennial list of Critical Raw Materials (CRMs) for Europe, the development of the biennial EU Raw Materials Scoreboard, the strengthening of the raw materials knowledge base for Africa, complementing the development of the overarching JRC's Africa Knowledge Platform (AKP).

The RMIS supports EC policy needs through data management and a web interface, in particular addressing knowledge needs identified by the EC related to environmental and social sustainability (particularly climate change and responsible sourcing) and security-of-supply (supply risks/criticality, resilience). Key related considerations, hence, include e.g. member state and EU policy/governance, material stocks and flows (reserves, urban stocks, trade, production, and circularity), supply chain risks/bottlenecks, and resilience. The RMIS addresses a broad range of thematic areas that are relevant in the analyses of raw materials and their supply/value chains. Special focus is given to those value chains identified by the EC as fundamental to achieving the low carbon / digital transition and strategic autonomy of Europe. These include batteries and vehicles, ICT and electronics, space and defence, as well as energy intensive industry.

Fulfilling RMIS' development objectives related to the above areas requires extensive exchanges with key stakeholders and knowledge providers. European projects, such as Horizon 2020 projects and EIT-KIC projects, are among the most important knowledge providers to the RMIS. Through the RMIS, the JRC supports mapping, structuring and making further sense of this knowledge, so that raw materials knowledge needs identified by EU policy can be met rapidly and systematically. Through the RMIS, the JRC thus also aims at ensuring coordination, coherence, and verification as far as needed and through additional products that build-on most relevant project outputs.

In support of this process, in 2018 the EC made it mandatory for certain Horizon 2020 projects<sup>2</sup> to contribute to the further development of the RMIS. Knowledge flows from EU funded projects to the RMIS are expected to become increasingly important in the context of the forthcoming Horizon Europe – the next R&I framework programme.

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<sup>1</sup> [rmis.jrc.ec.europa.eu](http://rmis.jrc.ec.europa.eu)

<sup>2</sup> within the call Societal Challenge 5, Raw Materials, 2018-2020