

Raw Materials Week

14-18 November 2022



Knowledge needs: future supply/demand foresight

Co-organised by Joint Research Centre (DG JRC), European Commission

17 November 2022

Le Plaza Hotel Brussels – Theatre room
Bld Adolphe Max 118-126, 1000 Brussels

Rationale

Geopolitical consequences associated with fossil fuel demand and supply are widely recognised. Knowledge and analyses are well established. But, can we say the same for knowledge and foresight on metals and minerals? This session provides an insight into what we need and the current situation in Europe.

A low carbon society is essential, and as soon as possible. This requires a massive shift away from fossil fuels. Policy and business have established roadmaps to achieve the transition; accelerating change due to the aggression of Russia against Ukraine. Demand is consequently exploding for batteries, renewable energy technologies, electric cars, and many other technologies. This comes in parallel to increasing digitalisation. Hence, to build these technologies, demand is equally increasing at a rapid rate for a diverse range of metals and minerals. We may then shift from dependencies on fossil fuels to on metals and minerals.

Business and policy decisions are as good as their knowledge foundations. Foresight is an essential part of this knowledge, hence of the European Commission's Raw Materials Information System (RMIS). Similar systems equally exist, or are being developed, in Member States, in companies, in associations, as well as through research. Such systems and related analyses are crucial in bringing together forward-looking knowledge on raw materials supply and demand for different sectors and technologies. Supply/demand analyses account for the risks of disruptions and resilience, but are also vital as the basis for assessing issues such as social and environmental competitiveness.

Session Chair: Constantin Ciupagea, Unit Head – Land Resources Unit, Sustainable Resources Directorate, Joint Research Centre (DG JRC), European Commission

14:00 - 14:10	Opening speech: Joaquim Nunes De Almeida, Director - Mobility & Energy Intensive Industries, DG GROW, EC
14:10 - 14:20	Opening speech: Alessandra Zampieri, Director - Sustainable Resources, DG JRC, EC
14:20 - 15:00	Impulse speech: René Kleijn, Associate Professor, Institute of Environmental Sciences (CML), Leiden University, Netherlands
15:00 - 15:45	Panel discussion: Chair: Alessandra Zampieri, Director - Sustainable Resources, DG JRC, EC Panel:

Raw Materials Week

14-18 November 2022



	<ul style="list-style-type: none"> - Patrick D'Hugues, Directeur de programme scientifique, Ressources minérales et économie circulaire, BRGM - Service Géologique National, France - Aurela Shtiza, Director - Industrial Affairs & Raw Materials, Industrial Minerals Association (IMA-Europe) - Patrick Nadoll, Senior Advisor - Exploration and Resource Assessment, EIT Raw Materials, Germany - René Kleijn, Associate Professor, Institute of Environmental Sciences (CML), Leiden University, Netherlands
15:45 - 16:15	Coffee break
16:15 - 16:50	EC's Raw Materials Information System (RMIS): State-of-play and examples of supply/demand security and sustainability foresight: Simone Manfredi, Samuel Carrara, & Konstantinos Georgitziks, Sustainable Resources Directorate, DG JRC, EC
16:50 - 17:00	Closing remarks by session chair, Constantin Ciupagea, DG JRC, EC