

Raw Materials Week

15-19 November 2021



Workshop: How companies improve critical raw materials circularity

Co-organised with IRTC-Business

16 November 2021

Room Versailles, Le Plaza Hotel (Boulevard Adolphe Max 118-126, 1000 Bruxelles) and Online

Please register for the event at <https://www.eurawmaterialsweek.eu/2021>

11:00-11:10	Alessandra HOOL , ESM Foundation, IRTC-Business Constanze VEEH , DG GROW, European Commission	Welcome and Introduction
11:10-11:20	Dumitru FORNEA , Member of the European Economic and Social Committee	Boosting critical raw materials resilience through secondary sourcing and substitution technologies: a view from organized civil society
11:20-12:00 Good practice examples: what is working?		
	Yasushi HARADA , Hitachi Group	Rare Earths recycling of magnetic hard disk drives
	Andrew CLIFTON , Rolls Royce	Closed rhenium loops in jet engine turbine blades
	Christian HAGELUEKEN , Umicore	Recovering Platinum Group Metals from chemical processing catalysts
	Julia MEESE-MARKTSCHIEFFEL , H.C. Starck Tungsten	Paradigm tungsten processing
12:00-12:40 Challenges		
	Alain ROLLAT , Carester	Recycling of Rare Earths – drivers and hurdles
	Dieuwertje SCHRIJVERS , WeLOOP	Measuring impacts of recycling models
	Mesbah SABUR , Circularise	Using data to improve circularity: what is missing?
	Mario WEIKENKAS , Enterprise Europe Network	Partnering and funding for SMEs in the CRM field

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12:40-13:10	Lunch break	
13:10-13:50 Reacting to today's challenges, and preparing for tomorrow's: what is next?		
	Arnoud WALRECHT , KPMG	Circular metrics to assess material risks
	Jeroen COX , KPN	Reducing raw material risks: a view from the telecommunication sector
	Nathan WILLIAMS , Minespider	Big data for improving CRM circularity
	Hendy KIM , SungEel Hitech	Battery recycling: recovering the whole range of raw materials
13:50-14:30 New approaches on circularity		
	Leah CHARPENTIER , First Solar	Closing the loop on PV recycling
	Olivier GROUX , Kyburz	Reuse and recycling of traction batteries
	Thea KLEINMAGD , Fairphone	Design for repair in consumer electronics
	Rajarshi Rakesh SAHAI , ACM Adaptive City Mobility GmbH	Adaptive solutions for electric mobility
14:30-15:00 Panel discussion		
	Previous speakers and Gian Andrea BLENGINI , University of Torino Roderick EGGERT , Colorado School of Mines Magnus ERICSSON , RGM Consulting Atsufumi HIROHATA , University of York René KLEIJN , Leiden University Anthony KU , NICE American Research Min-Ha LEE , KITECH Ajay PATIL , Paul Scherrer Institute David PECK , TU Delft Carlos Cesar PEITER , CETEM Luis TERCERO , Fraunhofer Patrick WAEGER , EMPA	What are prerequisites for companies to improve CRM circularity?

From 15:30: Further discussion and networking session in Room Versailles

From 17:00: Networking cocktail