



IRTC25: From Raw Material Policies to Practice

February 19-21, 2025, Ljubljana, Slovenia

<https://irtc.info/irtc-2025/>

Program Overview

Pre-Conference:

December 2024-February 2025, online

4 free preparatory online webinars with invited experts, organized and chaired by the IRTC Junior Board:

1. **Critical Raw Materials: why should we care?**
December 5, 15.00 CET / 10.00 EST
2. **Critical Materials and the Environmental Transition**
January 13, 15.00 CET / 10.00 EST
3. **Mining Future: Social and Cultural Ties of Mining Communities and Cooperations**
4. **Towards a Green Minerals Trust?**

More information and registration: <https://irtc.info/irtc-2025/pre-conference-webinars/>

Monday & Tuesday, February 17-18

IRTC-Training course: A 1.5-day introductory program covering the fundamentals of criticality and the evaluation of critical raw materials, providing essential background to profit the most from the conference. Successful participation, assessed via an exam, will provide participants with a certificate "Raw materials risk manager (basic)", in accordance with ISO/IEH 17024. Choose the course as additional product when registering for the conference at <https://irtc.info/irtc-2025/registration/>

February 18, evening: Special invited Dinner for Chairs, keynote speakers, and workshop organizers

Wednesday, February 19

9.30	Welcome Coffee				
10.30	<p>Morning Track 1</p> <p>RIS Adria Hub Workshop</p> <p><i>Meta Dobnikar, Urša Šolc (GeoZS), Mateja Košir (ZAG)</i></p>	<p>Morning Track 2</p> <p>Junior Board workshop “UNFC meets CRMA – A forward-thinking perspective”</p> <p><i>Marina von Vietinghoff-Scheel (BGR), Jair Santillán Saldivar (BRGM)</i></p>	<p>Morning Track 3</p> <p>Seminar “Integrating Primary Data Collection Using Multi-Party Workflows to Enhance LCA and Criticality Assessments for Companies”</p> <p><i>Robert Pell (Minviro)</i></p>	<p>Morning Track 4</p> <p>Site visit</p> <p>Magneti production facilities</p> <p><i>(max. 25, first come - first serve)</i></p>	
12.30	Lunch buffet				
14.00	<p>Afternoon Track 1</p> <p>Workshop on circular battery chains</p> <p><i>Nora Bartolomé, Kirsten Remmen (Empa), Priscilla Caliandro (BFH)</i></p>	<p>Afternoon Track 2</p> <p>Technical course “Addressing challenges in the REE value chain”</p> <p><i>David Bengio (Carester), Gareth Hatch (REIA)</i></p>	<p>Afternoon Track 3</p> <p>Round Table: “Skills, Training and Education in Critical Raw Materials”</p> <p><i>David Peck (TU Delft, Estonian Business School), Eleanora Brighenti (DANA), Jan Eggert (EIT RawMaterials)</i></p>	<p>Afternoon Track 4</p> <p>Seminar “North-South collaboration for sustainable critical raw materials development”</p> <p><i>Harikrishnan Tulsidas (UNECE), Magnus Ericsson (RMG)</i></p>	<p>Afternoon Track 5</p> <p>Site visit</p> <p>Geological Survey of Slovenia (GeoZS) & Slovenian National Building and Civil Engineering Institute (ZAG)</p>
16.00	Coffee break				
16.30	<p>Opening panel discussion</p> <p>Industry, policy and civil society – is there common ground on resource policies?</p> <p><i>Moderated by Alessa Hool (ESM Foundation, IRTC Coordinator)</i></p>				
17.30	<p>Welcome Apéro-Dinner</p> <p><i>Supported by INTRAW</i></p>				
19.30	<p>Film Avant-première: “Not in My Country: Serbia’s Lithium Dilemma”</p> <p><i>Featuring Peter Tom Jones (KU Leuven)</i></p>				

Thursday, February 20

8.00	Welcome coffee & registration		
9.00	Welcome by local host and organizers		
9.15	Welcome Keynote: From raw material policies to practice <i>Bernd Schäfer, CEO EIT Raw Materials</i>		
9.45	Strategies to mitigate supply risks: company testimonials <i>Andrea Di Masi (SQM), Matej Zapotnik (Magneti), and tbc</i> <i>Chaired by Peter Buchholz (DERA)</i>		
10.45	Coffee break		
11.15	Session 1: Risk awareness: Monitoring and forecasting <i>Chaired by Braeton Smith (Argonne National Laboratory), Robert Pell (Minviro, UK), Yanan Liang (Leiden University)</i>	Session 2: Managing environmental and social risks <i>Chaired by Peng Wang (Chinese Academy of Sciences), Valeria Superti (ecoinvent, Switzerland), Jessica Buendía Sanchez (EIT, Norway)</i>	
12.45	Lunch		
14.15	Industry Briefings		
	1. Strategic projects under the CRMA, and financing opportunities <i>Constanze Veeh (DG GROW, European Commission), Tae-Yoon Kim (IEA)</i>	2. Standards in the CRM Field – an Overview <i>Neda Bahremandi (REIA), Kotaro Shimizu (MUFU)</i>	3. Real-time raw material risk monitoring <i>Peter Buchholz (DERA)</i> <i>(max. 40, first come - first serve)</i>
15.00	Talent meets industry: Innovative solutions for current CRM challenges Presenters showcase how their research is applicable in an industry context and contributes to mitigating CRM supply risks to industry experts <i>Chaired by Patricia Bingoto (McKinsey) and Irina Oswald (Apple)</i>		
16.15	Coffee Break		
16.45-18:15	Session 3: Risk mitigation through mining and recycling <i>Chaired by David Bengio (Carester), Tabatha Chavez Mathus (ICMM, Chile), Karen Hanghøj (BGS, UK)</i>	Session 4: Shifting Perspectives: tackling the demand side of CRMs <i>Chaired by Akanksha Tyagi (CEEW, India), Rajarshi Sahai (MobilityFund, Netherlands), Saurav Roy (University of Cambridge, UK)</i>	
From 18.45	Gala dinner		



Friday, February 21

08:00	Welcome Coffee	
08.45	Welcome and recap of day 1	
09.00	Poster speed presentations	
09.30	Keynote conversation How are CRM Policies making a Difference? <i>Moderated by Luis Tercero (Fraunhofer ISI)</i>	
10.30	Coffee break	
11.00	Session 5: The Economic Landscape: regulation, trade, and finance in the CRM Sector <i>Chaired by Kotaro Shimizu (Mitsubishi Research, Japan), Rod Eggert (Colorado School of Mines, USA), Lucas Miailhes (Global Trade Alert)</i>	Session 6: Breaking Boundaries: Exploring Novel Frontiers in the CRM Sector and beyond <i>Chaired by Min-Ha Lee (Stanford & KITECH, USA/Korea), Anthony Ku (Xiron Global), Thibaut Maury (JRC, EC)</i>
12:30	Lunch & poster prize	
14:00	Spotlight: European Critical Raw Materials projects <i>Organized by Vitor Correia and Marko Komac (INTRAW)</i>	
15.30	Session Recaps by the Chairs	
15.45	Conference Closing	
16.00	Farewell coffee	

Find the detailed program at <https://irtc.info/irtc-2025/program/>