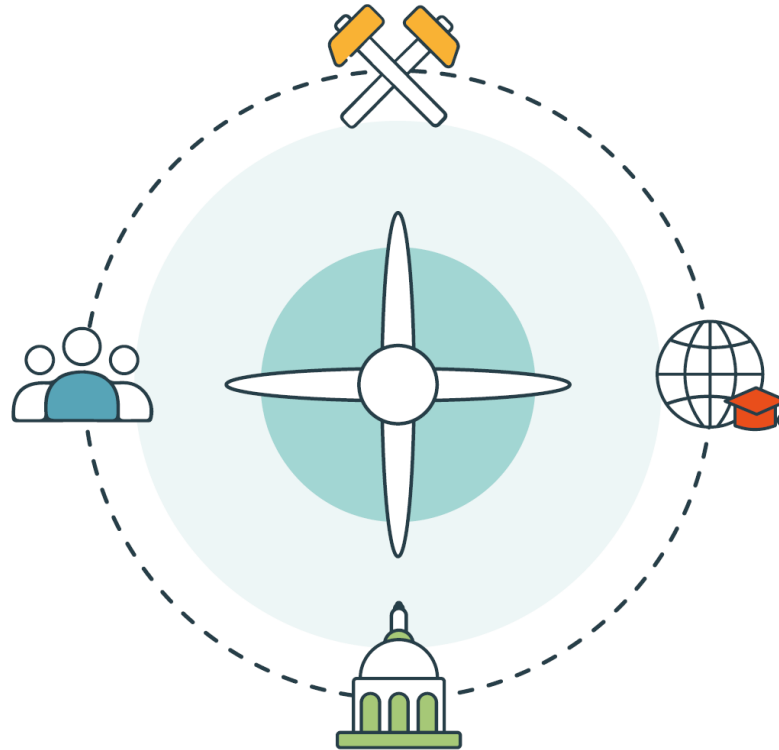
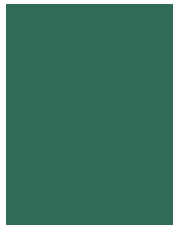


RAMP up!

Joining forces under the Raw Materials Partnership



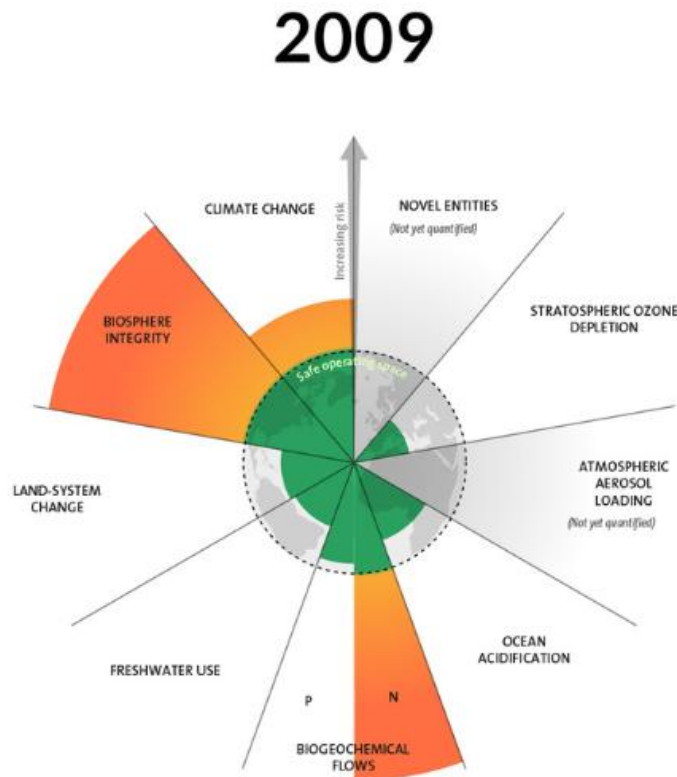
Tobias C. Kampmann, PhD – Vinnova, Sweden



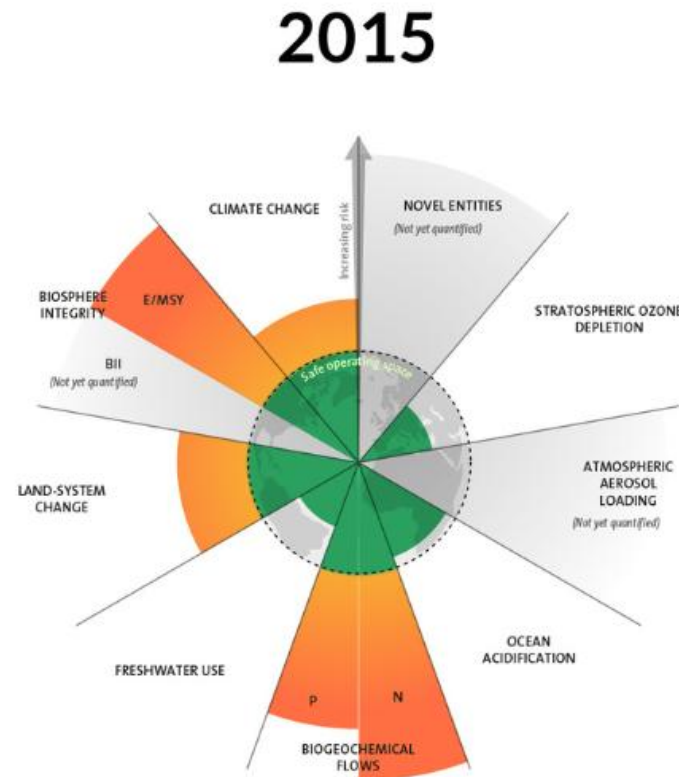
Co-funded by the European Union

The big picture

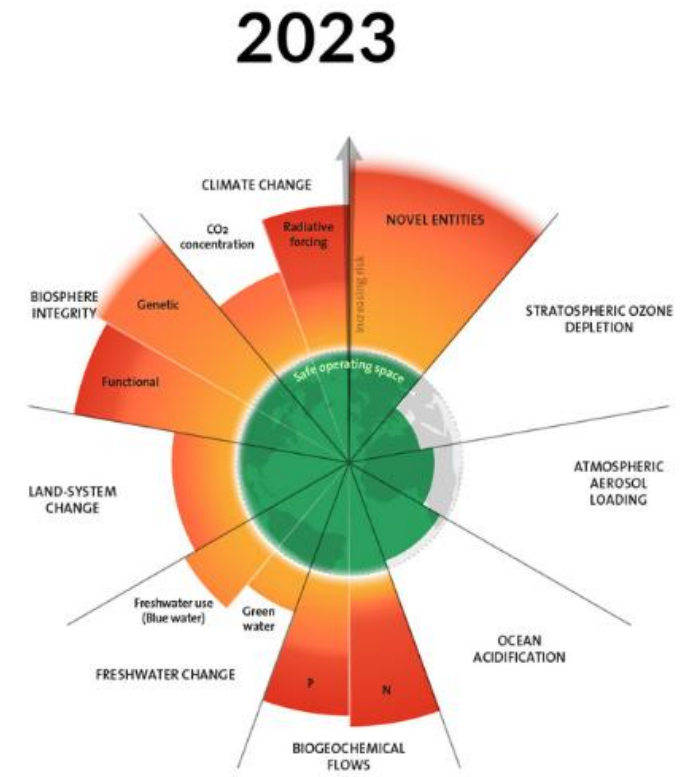
OECD April 2023:
Supply of critical raw materials risks
jeopardizing the green transition ([link](#))



7 boundaries assessed,
3 crossed



7 boundaries assessed,
4 crossed



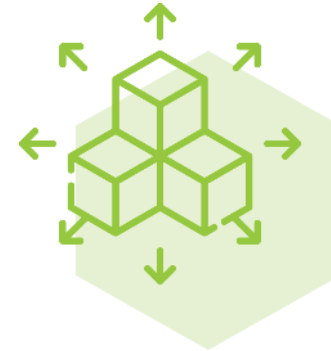
9 boundaries assessed,
6 crossed

European Critical Raw Materials Act

Ensuring a secure and sustainable supply of critical raw materials for the Union



*Improve
EU capacity to
monitor and
mitigate risks of
disruption to CRM
supply*



*Diversify EU CRM
imports to reduce
strategic
dependencies*

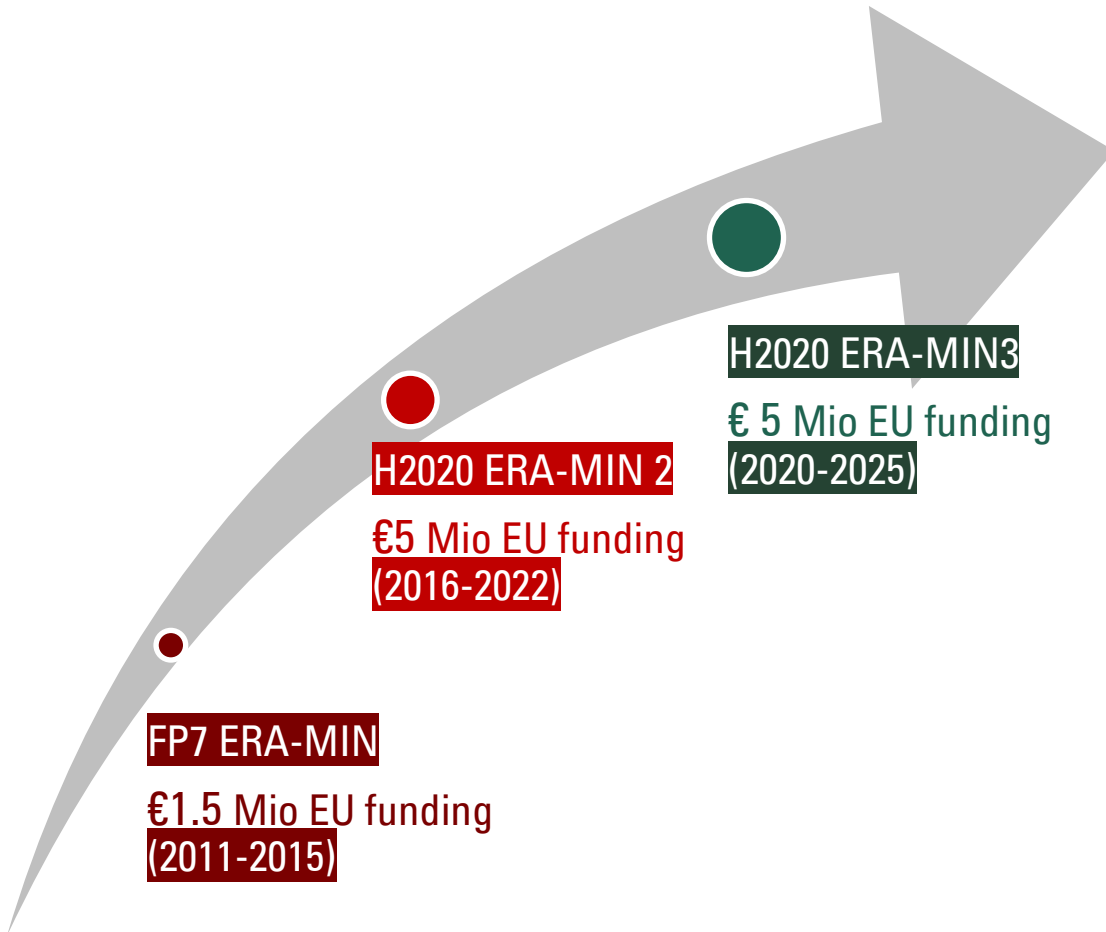


*Strengthen all
stages of the
European CRM
value chain*



*Improve CRM
circularity
and sustainability*

Background



Beyond 2025 - Co-funded European partnership on raw materials for the green and digital transition



Read the **SRIA** **h**ere



www.era-min.eu/ri-agenda

A Strategic Research and Innovation Agenda (SRIA) on sustainable supply and use of raw materials to support the Co-funded European Partnership on raw materials for the green and digital transition



Co-funded by the Horizon 2020
programme of the European Union

Mission



The SRIA's mission is to enable the green and digital transition by focusing on the Raw Materials value chain. To achieve this there are pathways that need to be addressed, such as:



Creation and improvement of the sustainable and resilient value chains needed to supply the transition;



Guidelines for the needed research and its funding to systematically increase the knowledge of the Raw Materials value chain (how to locate RM, how to process them, use them more efficiently, and manage them responsibly in a circular economy);



Capitalization on created and gained knowledge into solutions related to challenges within industry, governance structures, ecosystems, and society;



Work along the whole value chain focusing on sustainable supply and use of raw materials to meet the climate change benchmarks.



CORE THEMES

Core targets

- » Technical innovation
- » Close to business
- » Focus within economic activity



TRANSVERSAL THEMES

Enabling targets

- » Social innovation
- » Human centric
- » Focus on social and ecological sustainability



1. Resilient primary and secondary raw materials supply
2. Efficient use of raw materials in design and production
3. Sustainable use and reuse of products

1. Effective policy development and governance
2. Maximizing societal benefit
3. World-class innovation capacity

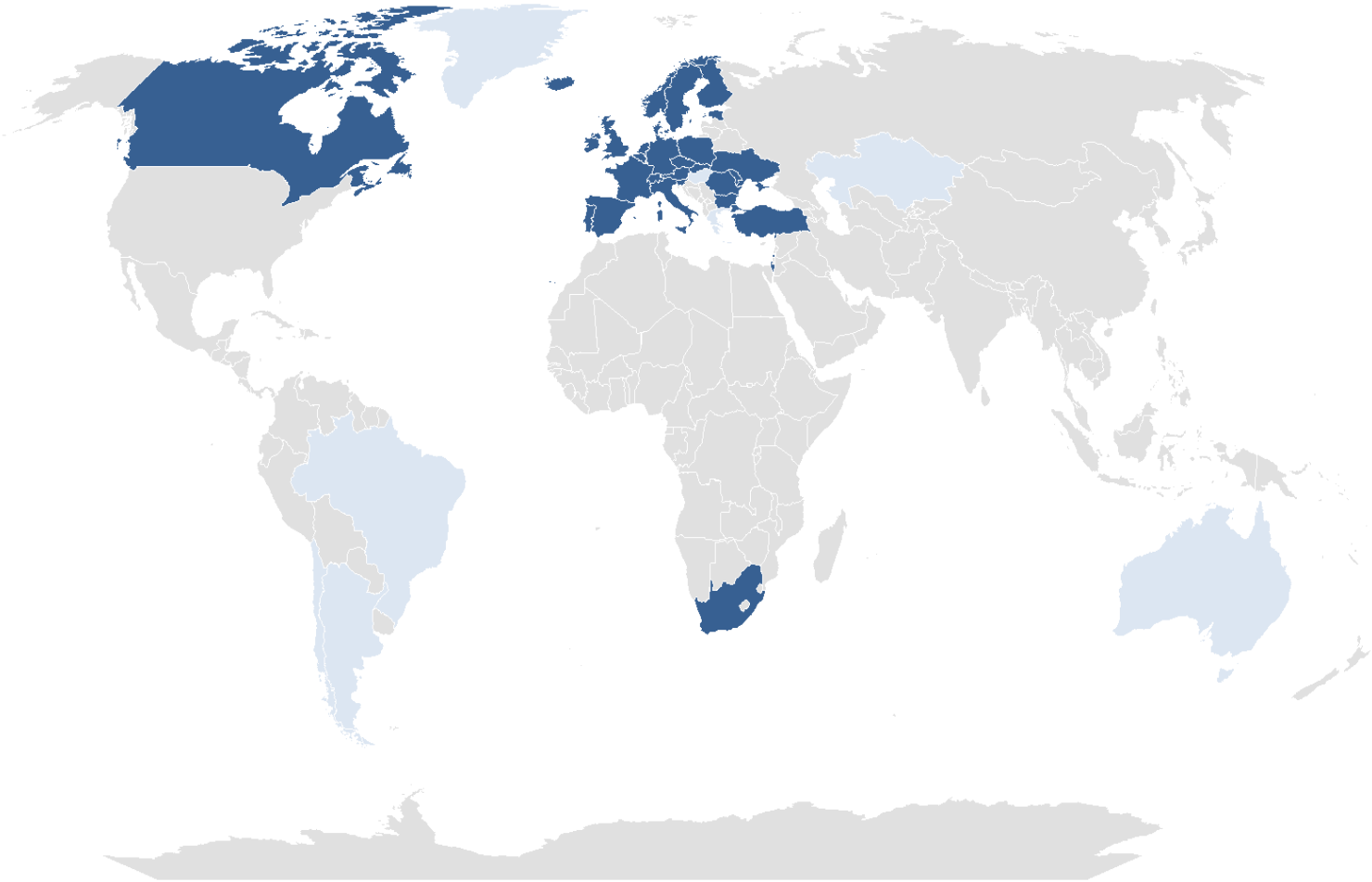
Partnership on Raw Materials for the Green and Digital Transition

- **Co-funded EU Funding Scheme for Research & Innovation (R&I) Projects**
- EU contribution of €90M and total funds of €300M, i.e. 30% co-funding rate
- **Consortium** composed of mainly national/regional Research Funding Organisations
- Duration of 7 years (11 years total for finalizing all calls and projects), starting early 2026
- Regular news and updates: <https://www.era-min.eu/partnership>

Partnership consortium

The consortium of the Raw Materials Partnership consists currently of organizations from the following countries:

- Committed countries
- Observer countries



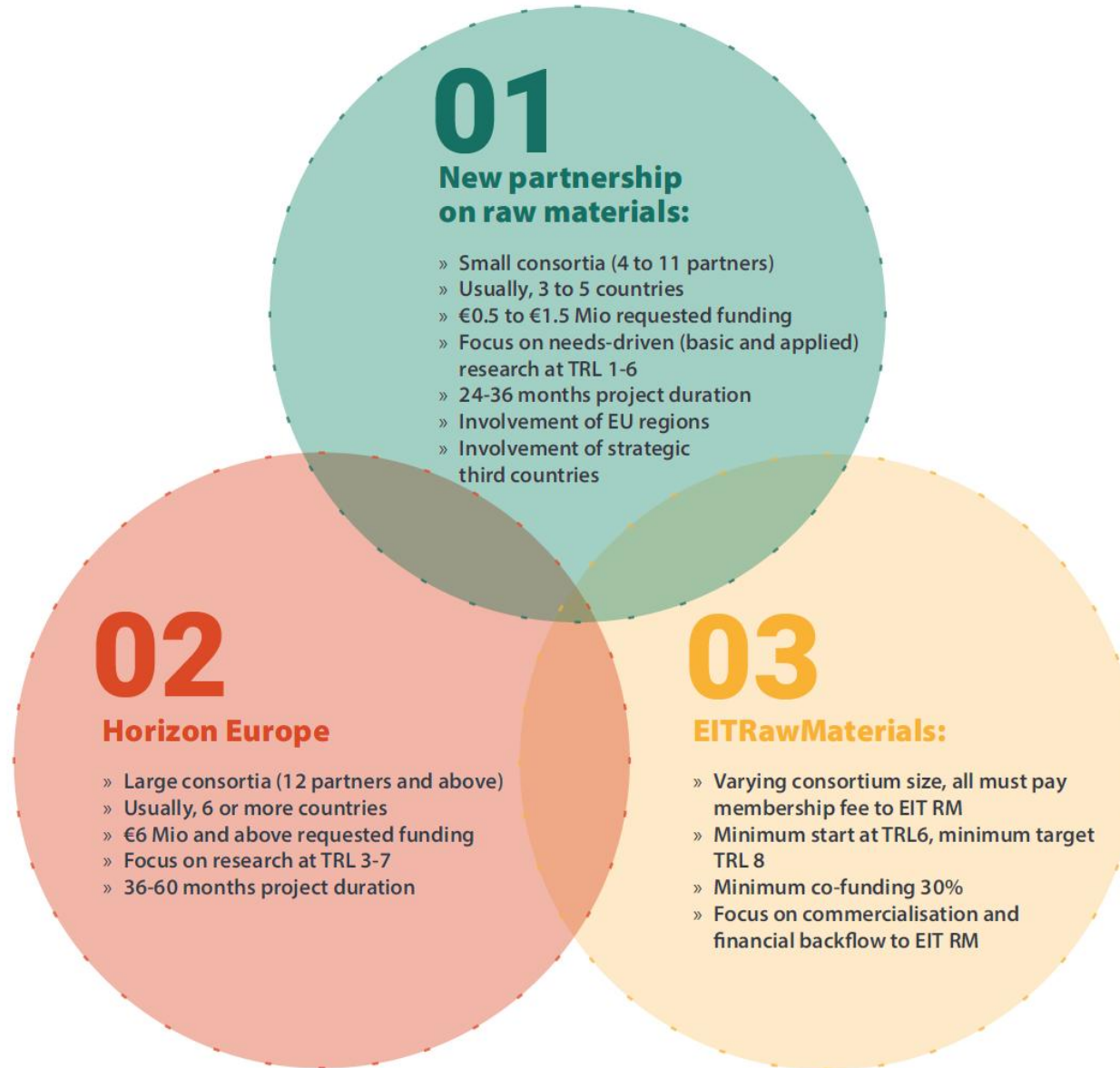
Partnership on Raw Materials for the Green and Digital Transition

Workplan:

- Seven work packages including associated tasks
- Implementation of the SRIA
 - Pillar 1: Annual joint transnational call (main activity of the partnership)
 - Pillar 2: Additional activities to reach SRIA objectives outside of the joint call scope



Complementarity and synergies with other raw material funding schemes



Partnership timeline

- **Timeline:**

- RFOs from MS sign a financial commitment per call or for the total of 7 calls (e.g. €500k per call, €3.5M total)
- Q2 & Q3 of 2025 > proposal writing to be submitted for assessment by experts from European Commission
- Q2 – Q4 of 2025 > development and preparation of the first Joint Transnational Call for proposals
- Q1 & Q2 of 2026 > Grant Agreement signature and Partnership launch
- **Q2 of 2026 > Launch of first Joint Transnational EU co-funded Call for Proposals**
- **Q2 of 2027 > Communication of results of the call**
- **Q3 – Q4 of 2027 > Start of selected R&I funded projects**
- **2027 and beyond > annual call cycles and additional activities**

RAMP in Swedish terms

- Vinnova, the Swedish Energy Agency and the Swedish Research Council joined the consortium
- The recent research proposition by the Swedish government gave us a strong mandate for funding international activities in the metals and mineral sector. Potential of strong national funding increase compared to ERA-MIN.
- Vinnova will coordinate RAMP. Time for Sweden to take an international lead role in this flagship sector. There is only one other example of a Swedish coordinator of a R&I partnership.
- We would not have taken these decisions without the strong Swedish R&I system as a backbone. More than a third of funded projects in ERA-MIN had Swedish partners. About half of the proposals in the latest ERA-MIN call had Swedish partners, and 8 of the top-10 ranked projects had Swedish participation.
- Strong value chain coverage and collaborative spirit in Sweden will be beneficial for being successful in the RAMP calls.

Meetings and activities



- **8th - 9th April 2025** – ERA-MIN Final Conference, Huelva (Spain)
- **29th April** – ETP SMR Pitching Event (online)
- **14th - 15th May 2025** – Swedish Mining Research & Innovation Days 2025, Luleå (Sweden)
- **2nd - 4th June 2025** – Industrial Technologies Conference (EUIndTech) 2025, Cracow (Poland)
- **17th – 21st November 2025** – Raw Materials Week 2025, Brussels (Belgium)

