



Digital fika about cluster 4 – Destination 2

Johan Lindberg, johan.lindberg@vinnova.se

Jeannette Spühler, jeannette.spuhler@vinnova.se

Agenda

- Short introduction to destination 1
- Guest: Prof emer Lars Montelius
- Open Q&A
 - Raise your hand or write your question in the chat
- You can ask your question in Swedish/English
- Slides will be shared on the homepage of this event
- From 11.00 until latest 11.45

Horizon Europe 2021-2027



Cluster 4. Digital, Industry and Space

- **Destination 1:** Climate neutral, circular and digitised production
- **Destination 2:** A digitised, resource-efficient and resilient industry
- **Destination 3:** World leading data and computing technologies
- **Destination 4:** Digital and emerging technologies for competitiveness and fit for green deal
- **Destination 5:** Strategic autonomy in developing, deploying and using global space-based infrastructure, services, applications and data
- **Destination 6:** A human-centered and ethical development of digital and industrial technologies

Work programme 2025

- Work programme 2025 is for one year
- Starting discussion on WP 2026-2027

Q4 2024- Q1 2025
Stable drafts in PC

April 2025
Adoption and
publication

Q1-2 2025
Discussions in PC

Q3-4 2025?
Stable drafts in PC

Q4 2025/Q1 2026?
Adoption and
publication

A digitised, resource-efficient and resilient industry

- Raw Materials
- Innovative advanced material
- Safe and Sustainable by Design

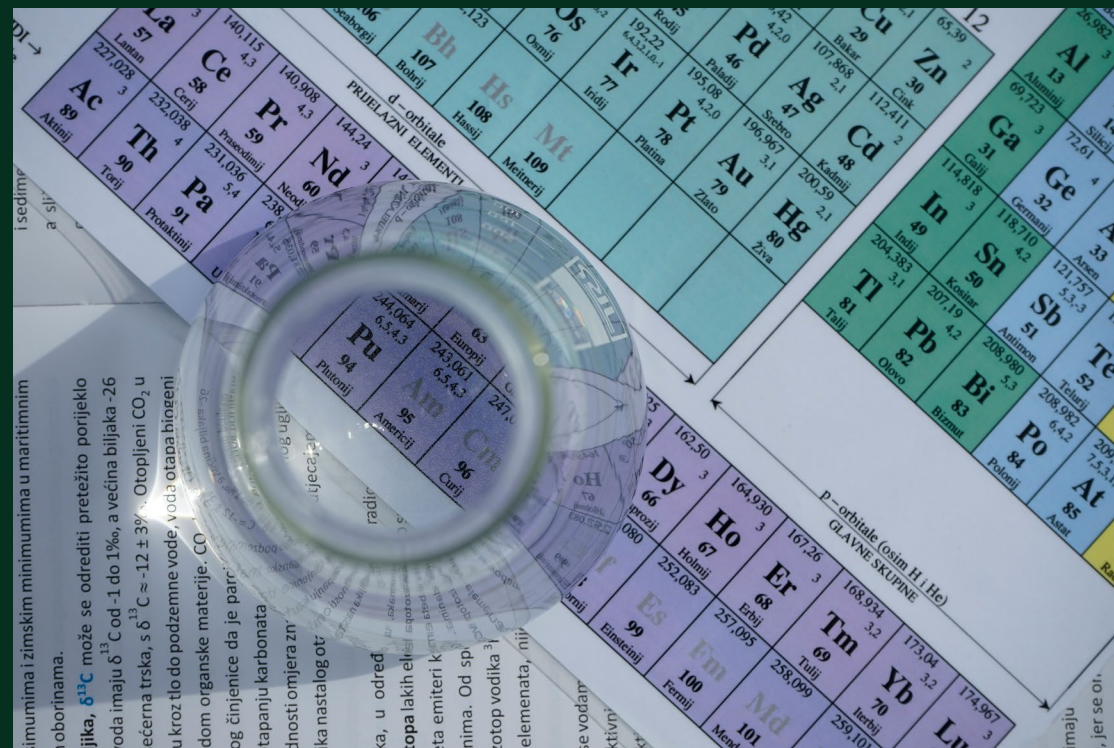


Photo by [Vedrana Filipović](#) on [Unsplash](#)

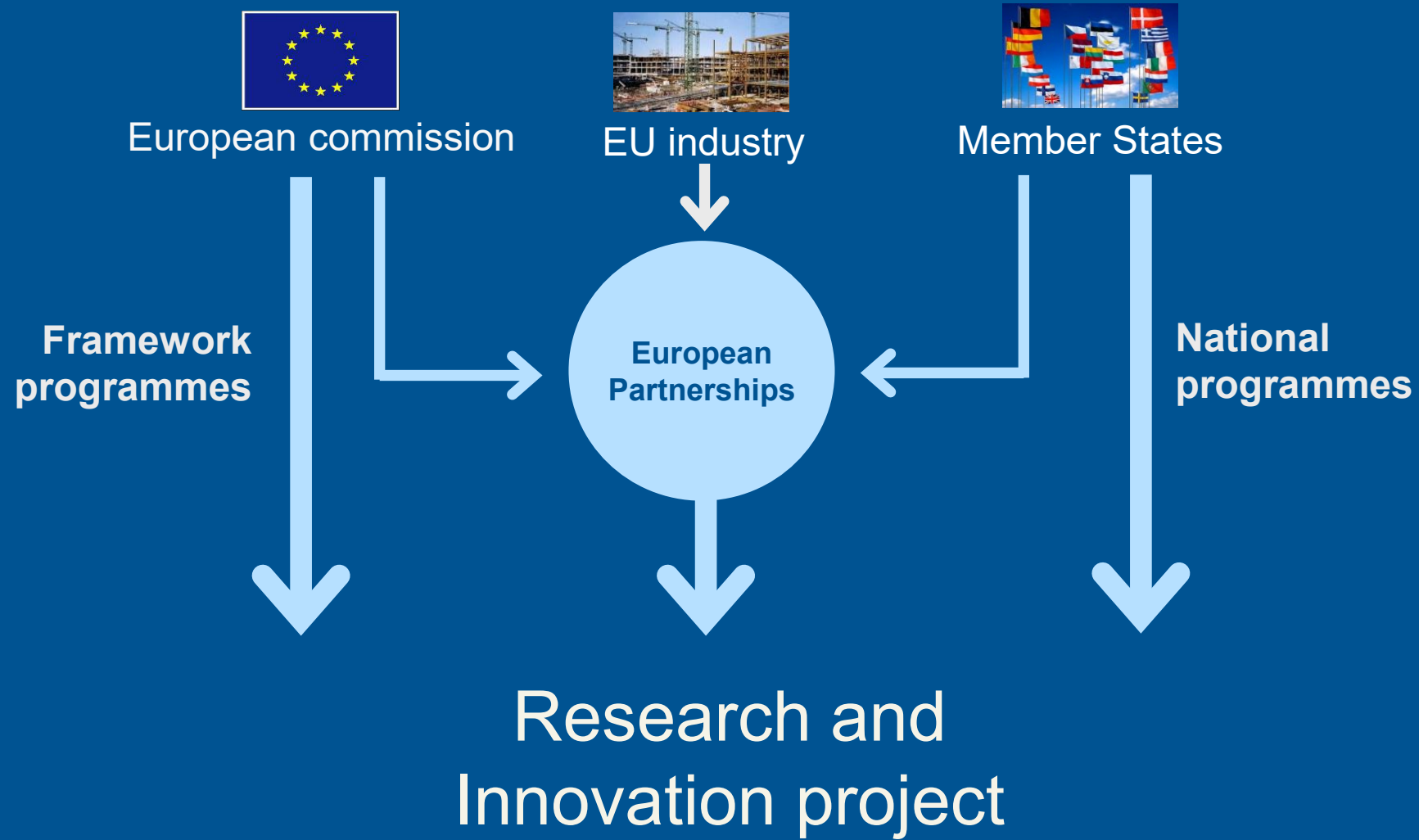
What is it also not ... bottom-up

- The other pillars in Horizon is though:
 - Pillar 1
 - MSCA, researcher mobility grants
 - ERC, principal investigator driven grants
 - Pillar 3
 - EIC, Small & medium sized businesses grants, loans and investments

Types of projects

- **Research and innovation action (RIA)** that establishes new knowledge and/or explores a new or improved technology, product, process, service or solution.
- **Innovation action (IA)** that produces plans or designs for new or improved products, processes or services including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.
- **Coordination and Support action (CSA)**

European partnerships



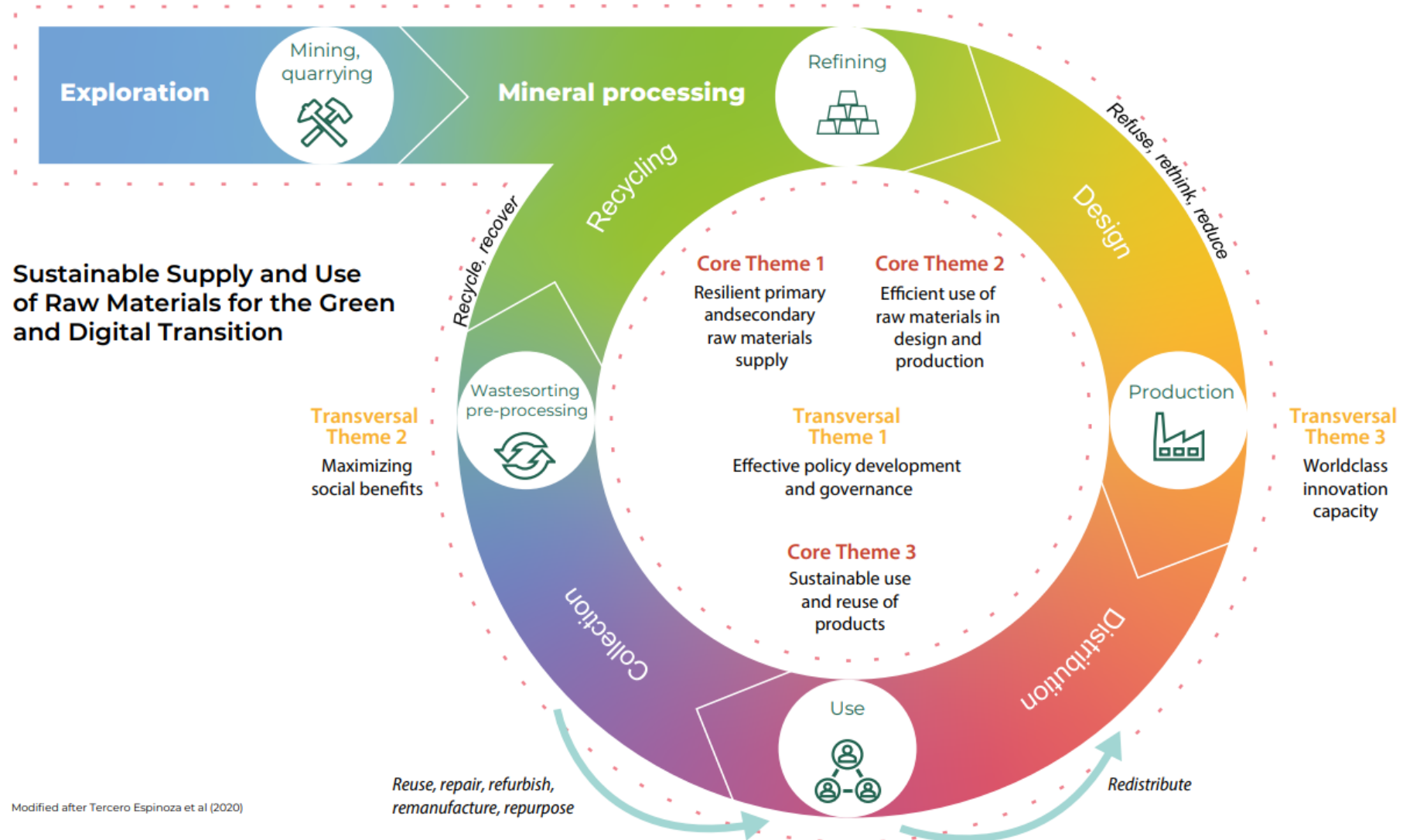
Partnership for this destination

**Raw materials for the green
and digital transition
Co-funded**

**Innovative Advanced
Materials
Co-programmed**

**Textiles for the Future
Co-programmed**

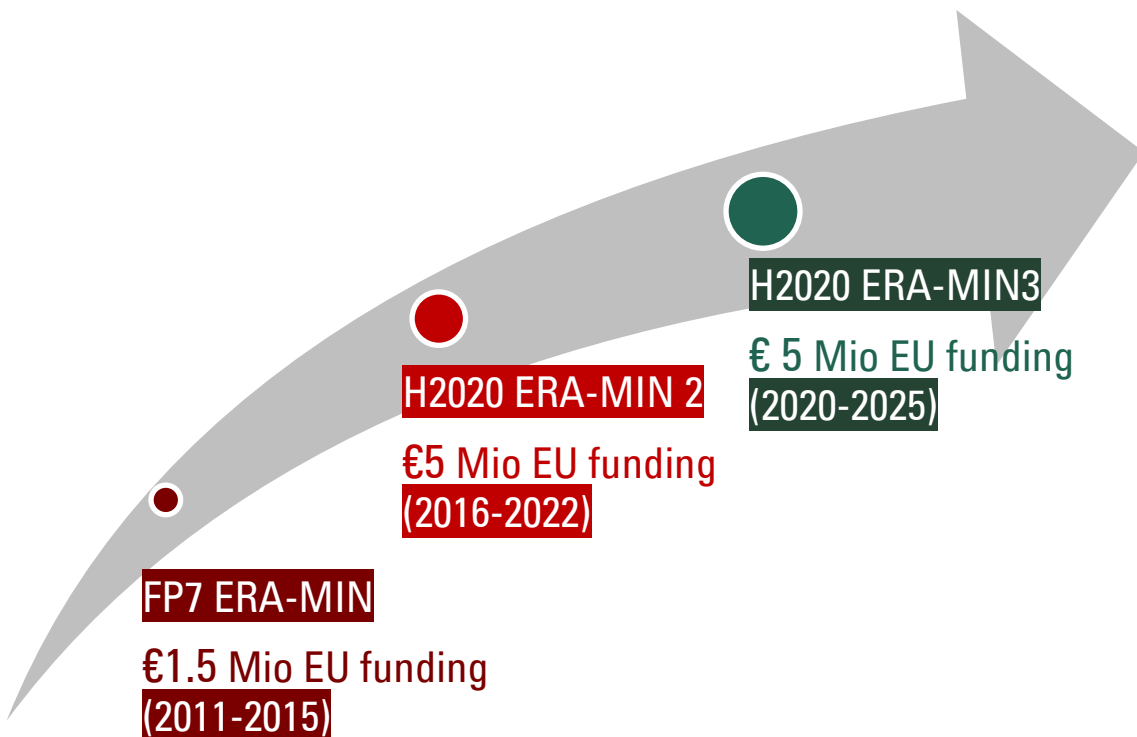
Relation between the six SRIA themes and the circular economy of raw materials



NEW Strategic Research & Innovation Agenda (SRIA) on Sustainable Supply and Use of Raw Materials



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

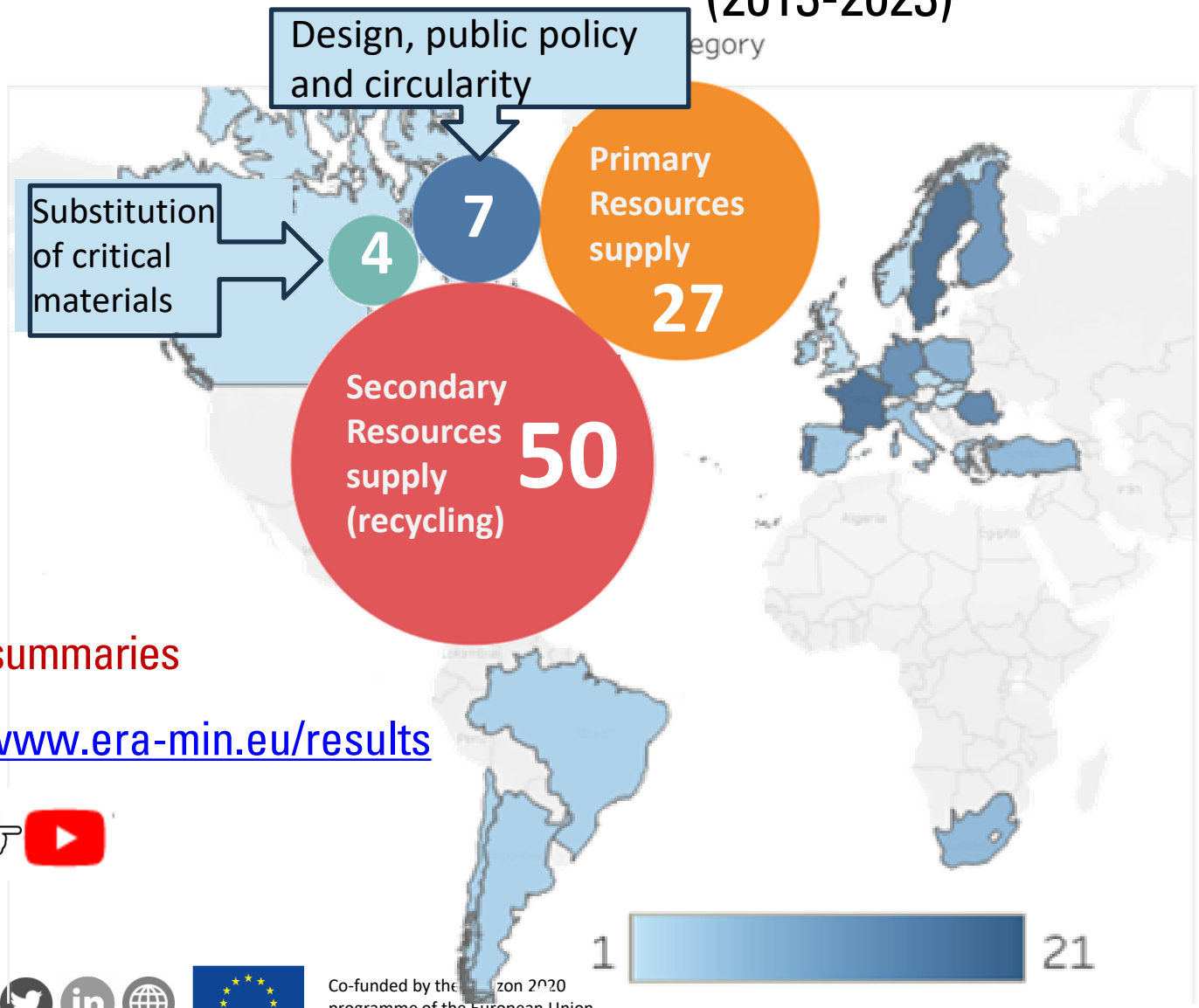


Read the **SRIA**
here



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

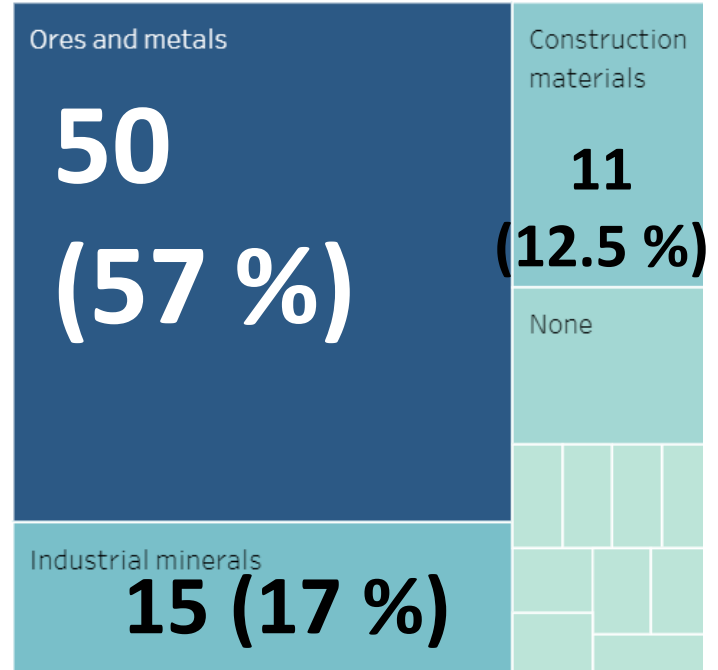
<https://www.era-min.eu/ri-agenda>



Project summaries
<https://www.era-min.eu/results>



<https://www.era-min.eu/dashboard>
Mineral Category



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

The Swedish mining cluster

Mining companies



Horizon Europe Strategic Plan for 2025-27 / IAM4EU strategic frame

- Key strategic orientation 1 – The **green transition**: HE R&I activities must support Europe to become the world's first climate-neutral continent by 2050 and take measures to prevent biodiversity loss and pollution.
- Key strategic orientation 2 – The **digital transition**: Research to support the digital transition is key to Europe's competitiveness and open strategic autonomy, and to setting human-centred standards.
- Key strategic orientation 3 – A more **resilient, competitive, inclusive and democratic Europe**: Europe's democratic values and principles need a strong foundation in the face of the current geopolitical situation and global health threats.

EC Communication on Advanced Materials for Industrial Leadership / IAM4EU political frame

Europe needs to deliver on the twin transition to maintain its global industrial leadership and achieve open strategic autonomy. To contribute to this objective, the EU should:

- Accelerate its research and technology development in advanced materials;
- Scale up its innovation and manufacturing capacity;
- Accelerate the industrial uptake of advanced materials.

Europe's choice: Political guidelines for the next European Commission 2024–2029 / IAM4EU political frame

- Clean Industrial Deal for competitive industries and quality jobs.

Join IAM-I: The Innovative Advanced Materials Initiative

Please go to www.iam-i.eu/become-a-member to subscribe.

[IAM4EU SRIA](#)

MEMBERSHIP FEES 2024-2025		
Category	Criteria	Annual Fee ⁽¹⁾
Industry members		
Large	Headcount >5000 or turnover >€ 1.5 bn	10.000,00 €
Intermediate	Headcount <5000 and turnover < €1.5 bn	7.500,00 €
Medium-size SME ⁽²⁾	Headcount <250 and turnover < €50 mln	3.000,00 €
Small SME ⁽²⁾	Headcount <50 and turnover < €10 mln	2.000,00 €
Micro SME ⁽²⁾	Headcount <10 and turnover < €2 mln	1000,00 €
Research members		
RTO - Large	Headcount > 3000	8.000,00 €
RTO - Intermediate	Headcount 1000-3000	6.000,00 €
RTO - Medium	Headcount 250-1000	3.000,00 €
RTO - Small	Headcount < 250	2.000,00 €
Universities		2.000,00 €
Associate members		
Associations, NGOs and other stakeholders		1.000,00 €
+ one-off entry fee for new members (25% annual fee)		
(1) 1/3 in 2024; then pro rata temporis from 2025 onwards		
(2) conforming to the SME definition of the European Commission		

Events

- **Cluster 4 Infoday from the commission:** The commission will organize an information meeting for Cluster 4 on 13-14 May, [online](#)

- **New co-programmed European Partnership IAM4EU**

If you would like to know more about the new co-programmed European partnership IAM4EU and its [Strategic Research & Innovation Agenda \(SRIA\)](#), you have the following opportunities. This partnership co-programmes the calls in innovative advanced materials with the commission and the member states.

- [IAM4SWEDEN Digitalt möte 1 april 2025](#) organized by IAM4Sweden, April 1st 2025, 14.00-15.30
- [NCP4Industry meets IAM-I](#) organized by the NCP network for industries, May 27th 2025, 10:00 – 11:30

- **New co-programmed European Partnership on Textiles**

Mrs. Cornelia Mohor from European Commission, DG GROW, unit G1, Tourism, Textiles and Mr. Lutz Walter, the Secretary General of the [European Technology Platform for the Future of Textiles and Clothing](#) will present the *European Partnership Textiles of the Future*, which is set to launch in 2025.

- [New Partnership in Horizon Europe: Textiles of the Future - 15th of April at 9.30 - NCP 4 Industry](#)

- [Conference - INDTech - IndTech2025](#), 2-4 June 2025, Krakow, Poland

Relevant information

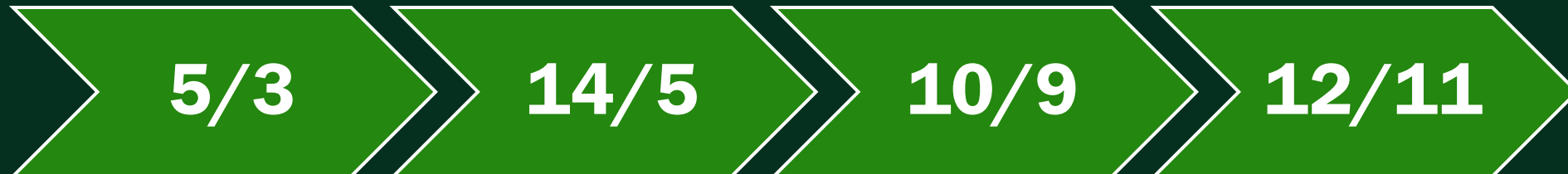
- **Newsletter:**
 - [Vinnovas Nyhetsbrev för Horisont](#)
 - [Kluster 4: Digitala frågor, industri och rymd](#)
- **Relevant strategical documents**
 - [Strategical plan for Horizon Europe 2025-2027](#) lines out the impacts for cluster
- **EIT RawMaterials**

Call for Innovation & Education Projects (several cut off days)

[KAVA Call 13 | EIT RawMaterials - Developing raw materials into a major strength for Europe](#)

Planning grant

- Who can apply?
 - Swedish organisations - academic actors, research institutes, public sector, civil society or SMEs ... who are planning to design an application for a research and innovation project for an international call
- < 300 000 SEK Plan to apply for an international call
- < 500 000 SEK Plan to coordinate an international project
- The identified international call must be published at the time of the application
- [Planning grant for international proposal 2025 | Vinnova](#)
- [Informationsmöte om planeringsbidrag inför internationell ansökan | Vinnova](#) (recording)



Tack!



vinnova.se



[company](#)
[/vinnova](#)



[/vinnovase](#)



[/vinnovase](#)

VINNOVA
Sveriges innovationsmyndighet