



Driving Innovation in Mining & Metals: EIT RawMaterials Value Proposition to strengthen Europe's competitiveness

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EIT RawMaterials at a Glance

World's Leading Raw Materials
Knowledge and Innovation Community

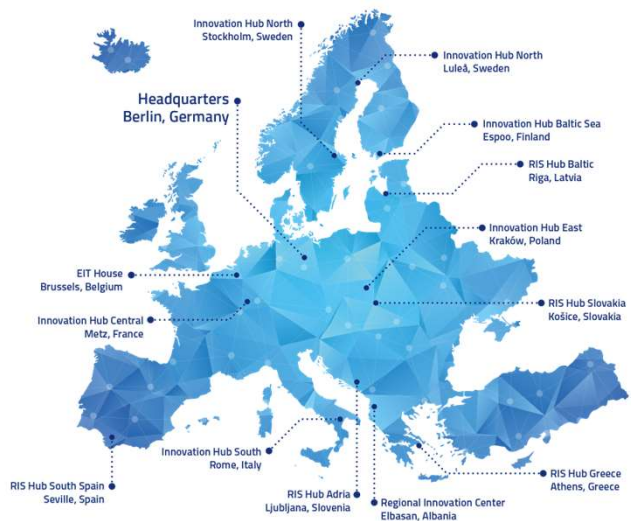
300 MEMBERS 800 START-UPS 250 UNIVERSITIES 790+ ERMA MEMBERS

Entire Raw Materials Value Chain Coverage



International Strategic Partnerships

📍 Africa 📍 Americas 📍 Asia 📍 Australia



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Strong Partnership



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EIT RawMaterials Impact Metrics (by end of 2023)

INVESTMENTS

~€600mn

DIRECT INVESTMENTS
2023*

~€3.6bn

INDIRECT INVESTMENT
UNLOCKED 2023*

€300mn

NEW DIRECT INVESTMENT
PLANNED UP TO 2027

KPIs

300

NEW PRODUCTS
TO MARKET

800

START-UPS
SUPPORTED

40

NEW SPIN-OFFS

PORTFOLIO

€26bn

STRATEGIC INVESTMENT
PIPELINE

40

START-UP EQUITY
INVESTMENTS

>80,000

STUDENTS AND
PROFESSIONALS TRAINED

IMPACT

≤100%

EU 2030 CRM
DEMAND COVERAGE

1,400

PROTOTYPES,
PILOTS AND DEMOS

10,000

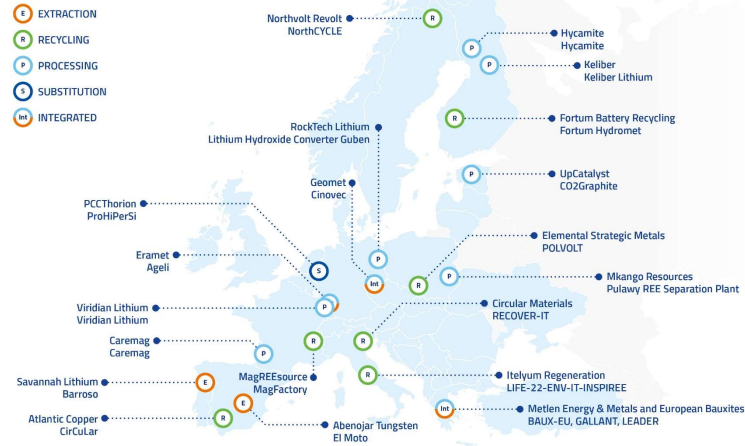
JOBS CREATED

* Up to 600mn direct and 3.6bn indirect investments achieved as of end-of-year 2023, the last fully EIT audited year.



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EIT RawMaterials Contribution to the Strategic Projects



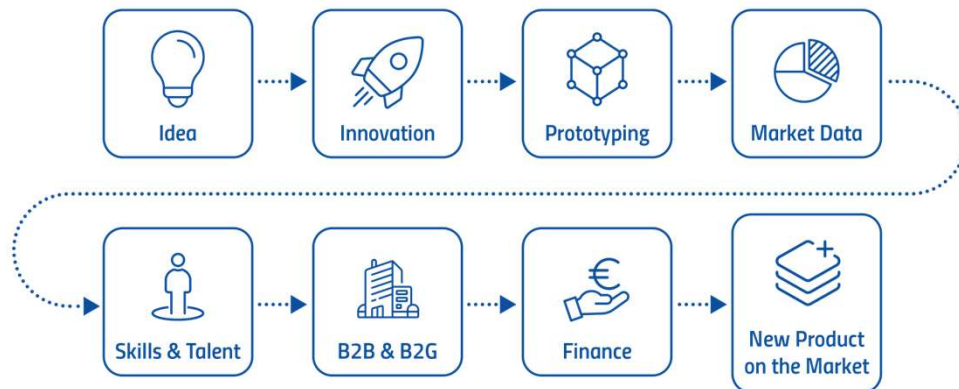
A Turning Point for Mining Innovation

1. **Invest in disruptive technologies:** Europe must lead the world in breakthrough technologies that reduce the environmental impact of raw material extraction and processing.
2. **Accelerate the circular economy:** Support large-scale investments in industrial symbiosis, product design, and recycling technologies that enable reclaiming Critical Materials along the full value chain of products
3. **Strengthen public private partnerships:** We recommend allocating €4 billion in public-private funding over the next decade, leveraging this to attract additional private investments.
4. **Support workforce development:** A green and digital Europe requires a skilled workforce.



EIT RawMaterials – the leading PPP in raw materials and advanced materials innovation covering the full value chain.

EIT RawMaterials Aims to Support the Pathway to Impact Creation



RENEW Project co-funded by EIT RM

PCB Metal Recovery Challenges

- Epoxy in PCBs acts as a barrier to efficient recovery of critical metals like copper and gold during recycling.

Innovative Epoxy Separation

- New technology separates epoxy from PCBs before recycling, enhancing metal recovery and enabling epoxy valorisation.

Sustainability and Impact

- The innovation reduces CO₂ footprint, supports green jobs, and promotes circular economy through improved recycling processes.

Development and Pilot Plans

- Project includes pilot plant tests, TRL8 demonstrations, and a citizen-involved WEEE collection pilot to boost sustainability.

Total funding
€4.9m

Project Duration
2022-2025

 **ATLANTIC COPPER**
Una compañía del grupo Freeport-McMoRan

 **Fraunhofer** 

SECT4TD Project co-funded by EIT RM

- SEC4TD (Securing tailings dam infrastructure with an innovative monitoring system)
- Integrated end-to-end (E2E) solution composed of **three hardware and software innovative products** for mining operators and service providers that will enable multi-scale multi-platform data collection and visualization, events prediction, effective information management and data traceability.
- SEC4TD will connect the physical and digital world to take advantage of the recent ICT innovations to **support safety and sustainability concepts for tailings dam monitoring**.
- **3 products launched in the market**

Total funding

€2.7m

Project Duration

2022-2025



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EIT RawMaterials' Value Proposition to Support Impact Creation



ACCESS TO KNOWLEDGE & INNOVATION

Open Innovation (OIC) for Industrial Challenges

Access to Startups

Business Intelligence platform

High Impact SIGNs



ACCESS TO FUNDING & FINANCE

Funding Calls for Scaleups, Startups

Access to Finance - External grants, and equity financing

New Calls - Learning Content for Raw & Advanced Materials Academies

Strategic Advisory



ACCESS TO NETWORK & EVENTS

World's largest community in the raw materials sector

Matchmaking & B2B, International Partnerships - CRM Facility

Leading sector events in Europe: EIT RawMaterials Summit, SIGNs – Expert Forums, Partner Day



ACCESS TO EDUCATION & SKILLS

Active Alumni Network with 700+ Raw Materials Alumni all over Europe

Graduates from leading Masters Programs and PhD Schools in Europe

Upskilling and reskilling through professional training & customized courses

Talents through OIC



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International Opportunities: CRM Facility

The CRM Facility, co-led by EIT RawMaterials and EIT InnoEnergy, **spans 16 partner countries** across Africa, Latin America, Asia, Southeastern Europe, and Greenland, with the objective of integrating CRM value chains to enhance Europe's strategic autonomy and the mandate to build long-term partnerships while securing reliable CRM supplies



Objective

Benefits for European Community

- Develop mid-to-downstream CRM value chains
- Promote **sustainable practices** and local value-added opportunities
- Support **training programs** to equip professionals with CRM expertise
- Align CRM projects with **European industry needs** and integration strategies
- Facilitate B2B matchmaking and joint ventures to foster collaboration



Business Missions

Main activities planned for 2025

- **South Africa:** Investment event at Indaba (February), EU-South Africa Summit (March)
- **Chile:** Business Mission (March/April)
- **Kazakhstan:** Business Mission (June)
- **DRC:** DRC Mining Week (June)
- **Zambia:** Lobito Corridor Summit (Q3, tentative)
- **Argentina:** Business Mission (Q3/Q4, tentative)
- **Uzbekistan:** Business Mission (Q4, tentative)
- **Latin America:** EU-CELAC Summit (Q3/Q4 2026)



Let's connect!

For more information



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