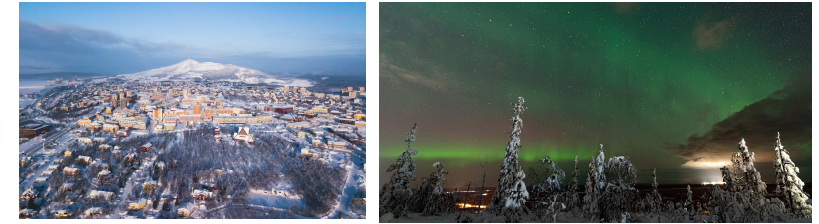


Opportunities within EIT RawMaterials KIC and EIT - RIS Regional Innovation Scheme



Raw materials



ProMine mineral deposits map



EIT RAWMATERIALS – A PAN-EUROPEAN NETWORK



The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the European Union concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

EIT RawMaterials - Partners

Industry



Universities



Research and Technology Organisations

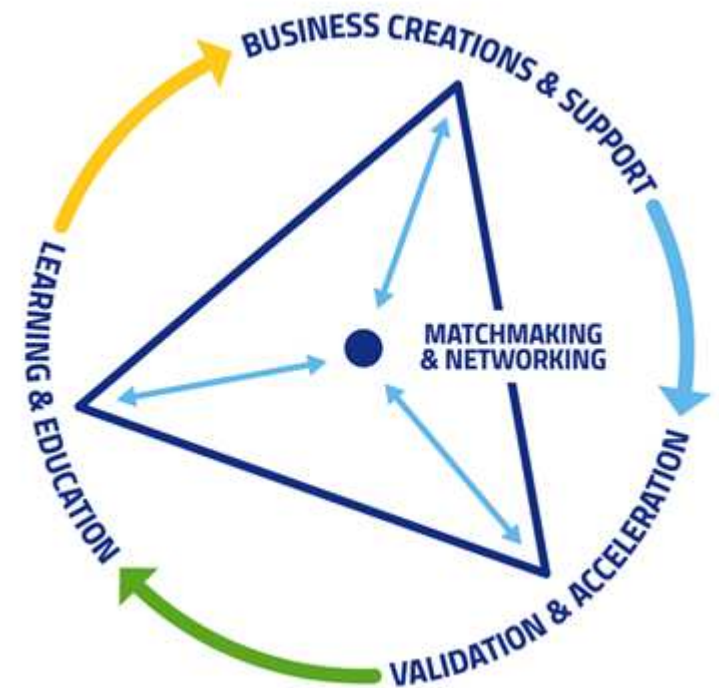


EIT RawMaterials vision and mission

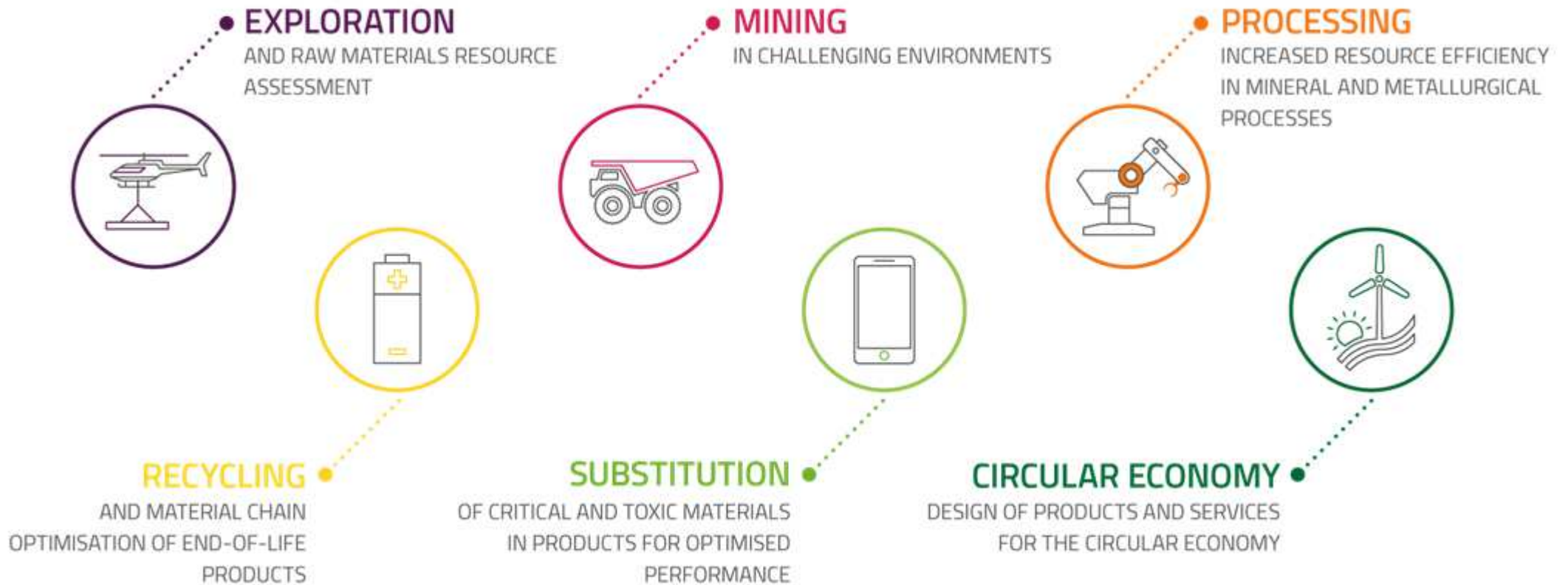
EIT RawMaterials vision is to develop raw materials into a major strength for Europe.

EIT RawMaterials strategic objectives are:

1. **Securing raw materials supply:** collaborating across the entire industrial value chain
2. **Designing solutions** for materials innovation, products and processes
3. **Closing material loops:** a radical shift from linear to circular thinking



EIT RAWMATERIALS – INNOVATION THEMES



Regional innovation scheme – objectives and purpose



Origin: European Commission's Innovation Scoreboard

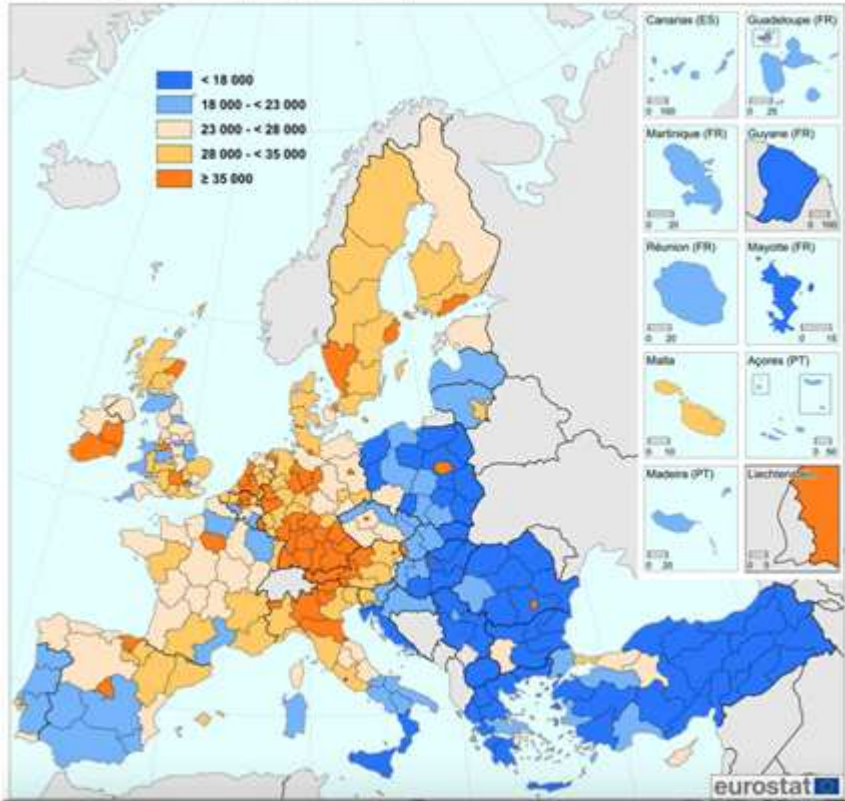
Implemented by EIT to support:

1. EU Member States and H2020 Associated Countries in Europe who are **modest and moderate innovators** and
2. countries where Innovation Communities have few or no partners.

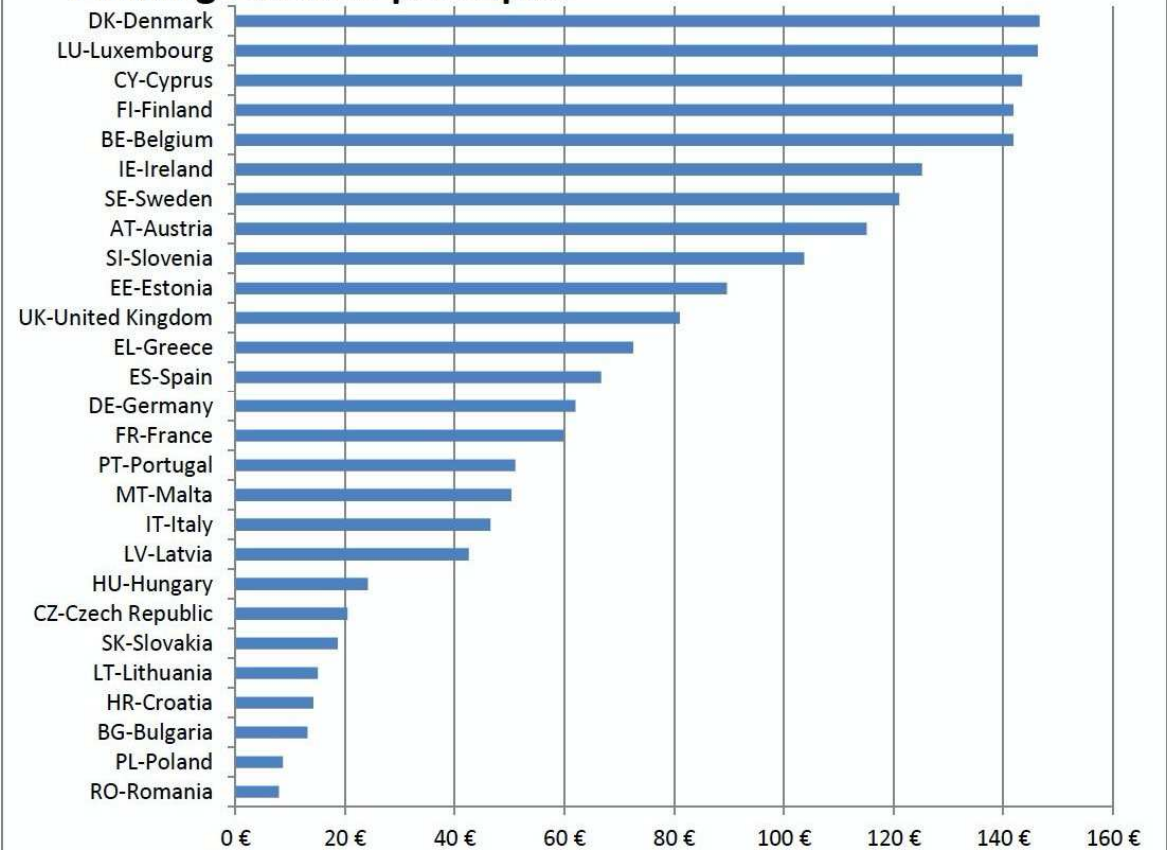
Webtools | Leaflet | Credit: EC-GISCO, © EuroGeographics © UN-FAO for the administrative boundaries, @Eurogeographica | Disclaimer

RIS ORIGINS

Gross domestic product (GDP) by NUTS 2 regions, 2017
(in purchasing power standard (PPS) per inhabitant)



Box 2: Horizon 2020 (up to Mid 2018) Funding received per capita



RIS & EIT RawMaterials

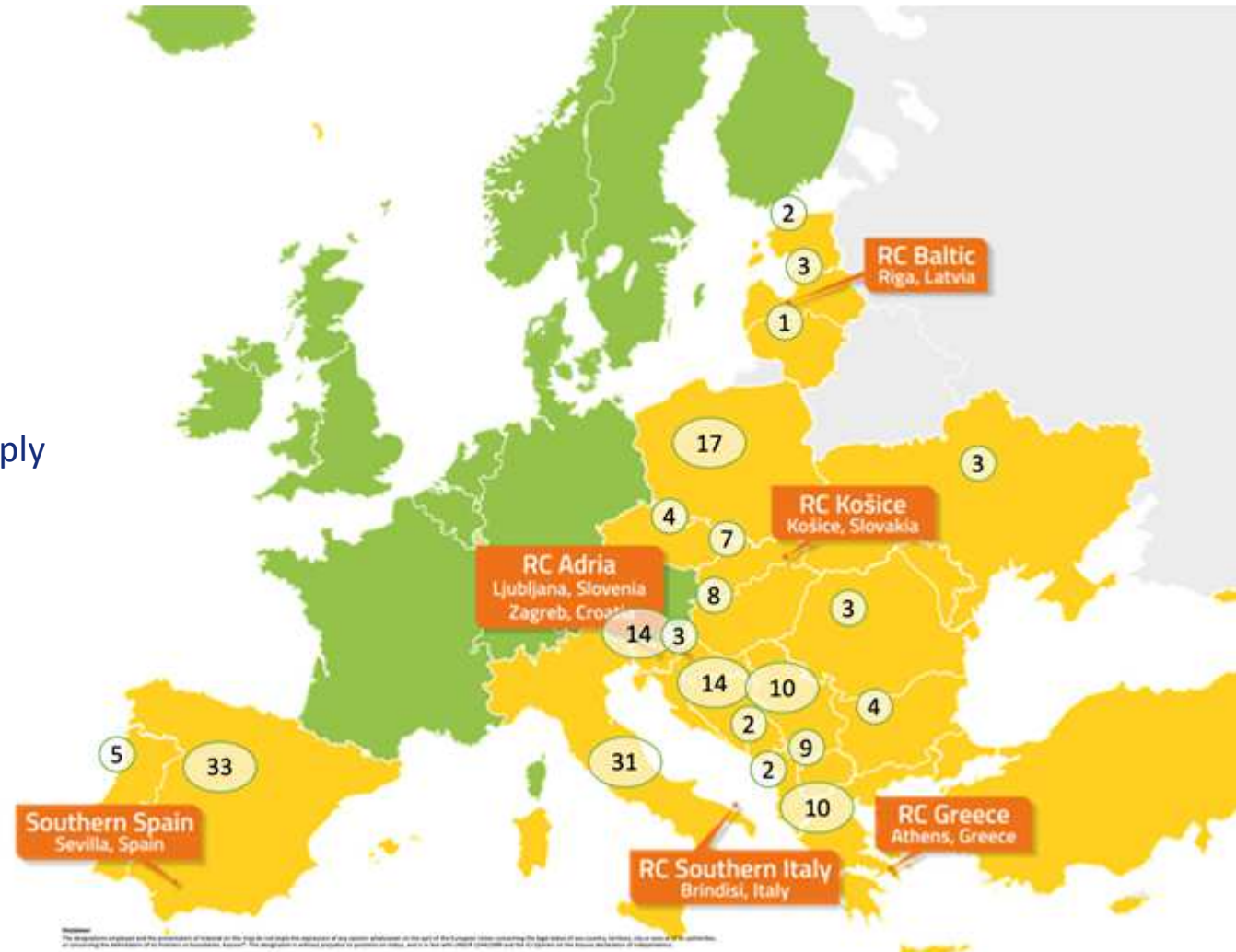
The objective and purpose of RIS*:

- Contribute to the advancement of the innovation performance of RIS countries
- Promote KTI model
- Help raise the capacity of local actors to apply to become full KIC partners

*EIT RIS Implementation Guidance Note 2018–2020

RIS & EIT RawMaterials

- **5 active RIS HUBs + 1 launching in March**
- 30 RIS KAVA projects
- 180 RIS partners



EIT RAWMATERIALS ACTIVITIES

EDUCATION

ESEE Education and Entrepreneurship – activities centred around entrepreneurship and business – university cooperation.

Skills for the Future – a ground-breaking secondary education programme, fostering the next generation of entrepreneurs

ENGIE – Encouraging Girls to Study Geosciences and Engineering.

BUSINESS CREATION & SUPPORT

Business Creation & Support – ecosystem building in ESEE Region to bring more applicants into our BC&S Programs

Jumpstarter Competition – part of Cross-KIC RIS Project, entry-level program for graduates, idea holders or Start-up's

EIT RAWMATERIALS ACTIVITIES

INNOVATION PROJECTS

RESEERVE – Mapping the mineral resources of Albania, Bosnia and Herzegovina, Croatia, Serbia, Montenegro and North Macedonia

RIS-RESTORE – a network for reprocessing of red mud tailings in the ESEE region and the extraction of heavy minerals which contain valuable metals (REE, Sc, Y, Hf, Zr, and Ti).

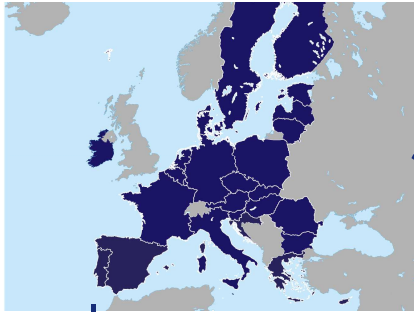
RIS-CuRE – A network in East and Southeast Europe to promote zero waste extraction of metals from Cu mining wastes, generated during past mining activities.

MineService – A public mineral intelligence system to support North Macedonia mineral management (including Digital Mining Registry Book)

RIS-ALiCE – Al-rich industrial residues for mineral binders in ESEE region – Replacement of bauxite with Al-rich industrial and mine residues

SYNERGIES BETWEEN HORIZON EUROPE AND COHESION POLICY

MS and associated countries



Horizon Europe
THE NEXT EU RESEARCH & INNOVATION PROGRAMME (2021–2027)



 **European Union**
European Structural and Investment Funds

European Regional Development Fund

Cohesion Fund

European Social Fund

EU Solidarity Fund

IPA

E
S
I
F

 European Institute of Innovation & Technology

 **RawMaterials**
Connecting matters

European Raw Materials Alliance (ERMA)

- Successful launch event in Brussels on 29 September 2020 and operational Kick off meeting on 23 November in Brussels/Berlin with Commissioner Breton and VP Šefčovič
- ERMA is coordinated by EIT RawMaterials
- ERMA will contribute to the transition from linear brown to circular green economy

Brown Economy

Fossil Fuels for combustion engines, generators and power stations: oil, gas, coal



Green Economy

Functional Materials in e-motors, energy storage, energy conversion containing, for example, Co, Li, Pt, REE, Ge, Ga, Si, V



ERMA ACTION LINES & WORKSTREAMS

1. Value chain-specific inclusive consultation processes:

- Identify and respond to raw material challenges along industrial ecosystems and within the wider society
- Provide tailored sustainable solutions to industry needs
- Unlock regulatory bottlenecks

2. Investment channel for raw materials projects:

- Select and prioritize cases to secure primary and secondary raw materials supply for European industrial ecosystems
- Install Raw Materials Investment Platform (RMIP) to bring investors and investees together
- Define case-specific financing strategies and mechanisms
- Assess EU funding opportunities and financing sources for investment opportunities inside and outside Europe



RawMaterials

Connecting matters

Thank you for your attention!

Contact: tina.benda@eitrawmaterials.eu



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a body of the European Union