EIT Raw Materials
H2020 INTERMIN
Madrid 2019

EIT RawMaterials GmbH, Berlin, Germany
EIT (European Institute of Innovation and Technology) and EIT RawMaterials Innovation Community

EIT RawMaterials is:

• A **thematic knowledge and innovation community** that develop innovative products and services, foster new business, encourage growth and nurture young entrepreneurial talent

• Characterised by a **high degree of integration**, a long-term perspective, efficient governance, a co-location model and the **entrepreneurial culture**

• A Unique partnership that increase Europe’s capacity for innovation by **bringing together leading companies, universities and research organisations**

• Driven by a pursuit of **excellence**
EIT (European Institute of Innovation and Technology)

The EIT is an EU body that enhances Europe’s ability to innovate by nurturing young entrepreneurial talent and supporting new ideas through the Innovation Communities.

The EIT is the first EU initiative bringing together the three sides of the ‘knowledge triangle’: Business (companies and SMEs), Higher Education Institutions and Research Centres.

The EIT aims to increase the cooperation and integration between education, business and research to facilitate the transition from:

- Student to Entrepreneur
- Idea to Product
- Lab to Customer
EIT RawMaterials vision and mission

EIT RawMaterials vision is to develop raw materials into a major strength for Europe. Our mission is to boost competitiveness, growth and the attractiveness of the raw material sector via radical innovation, new education approaches and guided entrepreneurship.

EIT RawMaterials strategic objectives are:

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

- Coverage of the entire raw materials value chain
- Worlds largest community in the raw materials sector
- 120+ Core and Associate partners
- 190 + Project partners
- 20+ EU countries
- 6 Co-location Centers (Innovation Hubs) across Europe
- Three Regional Innovation Hubs and two Regional innovation centers (RIS and RIC)
- Headquarter in Berlin, Germany
## EIT RawMaterials in EIT RIS countries and regions

<table>
<thead>
<tr>
<th>Region</th>
<th>Countries</th>
<th>Innovation Hub (CLC)</th>
<th>Countries covered</th>
<th>Partners</th>
<th>Hubs</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESEE Eastern and South-Eastern Europe</td>
<td>Albania, Bosnia, Bulgaria, Croatia, Cyprus, Greece, Hungary, Kosovo, Macedonia, Montenegro, Romania, Serbia, Slovakia, Slovenia</td>
<td>East</td>
<td>6 of 14 countries covered by 10 partners</td>
<td>3 Hubs</td>
<td></td>
</tr>
<tr>
<td>“Visegrád 4” Central Europe</td>
<td>Czech Republic, Hungary, Poland, Slovakia</td>
<td>East</td>
<td>3 of 4 countries covered by 10 partners</td>
<td>1 Hub</td>
<td></td>
</tr>
<tr>
<td>The Mediterranean</td>
<td>Cyprus, Greece, (Southern) Italy, Malta, Spain, Portugal</td>
<td>South East Central</td>
<td>4 of 6 countries covered by 18 partners</td>
<td>1 Hub</td>
<td></td>
</tr>
<tr>
<td>The Baltics</td>
<td>Estonia, Latvia, Lithuania</td>
<td>Baltic See</td>
<td>1 of 3 countries covered by 1 partner</td>
<td>Hub considered</td>
<td></td>
</tr>
</tbody>
</table>
EIT RawMaterials Innovation Themes

- **EXPLORATION**
  AND RAW MATERIALS RESOURCE ASSESSMENT

- **MINING**
  IN CHALLENGING ENVIRONMENTS

- **PROCESSING**
  INCREASED RESOURCE EFFICIENCY
  IN MINERAL AND METALLURGICAL PROCESSES

- **RECYCLING**
  AND MATERIAL CHAIN OPTIMISATION OF END-OF-LIFE PRODUCTS

- **SUBSTITUTION**
  OF CRITICAL AND TOXIC MATERIALS
  IN PRODUCTS FOR OPTIMISED PERFORMANCE

- **CIRCULAR ECONOMY**
  DESIGN OF PRODUCTS AND SERVICES
  FOR THE CIRCULAR ECONOMY
The Value Chain of Raw Materials
EIT RawMaterials - Innovation, Education and Entrepreneurship Activities

**MATCHMAKING & NETWORKING**
- InfoCenter
- Matches IDEA Camp
- Intrapreneurship Facilitator

**VALIDATION & ACCELERATION**
- Up-scaling
- Network of Infrastructure

**LEARNING & OUTREACH**
- Master Education, PhD Education
- Lifelong Professional Education
- Wider Society Learning

**BUSINESS CREATION & SUPPORT**
- RawMaterials Incubator & Business Creation Services
- Start-up & Innovation Booster
- SME Growth Booster
Learning & Outreach

- **PhD and Master education**: Modules for Programmes focus on raw materials themes and industry needs
- **Professional education**: Industry needs focused education for qualified professionals
- **Wider society learning**: Aims to raise awareness of the general public
- **Raw Materials Academy**
- **Raw Material Alumni**
90 partner-driven projects in four domains of learning

Along the entire Life Cycle of Innovators

**Wider Society** – Exposure to raw materials
   School Pupils – creating excitement and curiosity
   Public – building awareness

**Higher Education** – T-shaped entrepreneurs
   Technical expertise, raw materials value chain
   Innovation & Entrepreneurship
   Evolving, transforming economy

**Lifelong Learning** – Professionals
   Needs of industry
   Evolving, transforming economy
RawMaterials Academy – Centrally-driven activities by KIC staff

**WHAT**

- **Wider Society Learning (WSL)**
  - 2 flagship programmes driven by the Academy, executed together with partners
  - Junior Achievement Europe
  - RM@Schools
  - Club of Rome Academy

- **Higher Education**
  - RawMaterials University Days
  - EIT-Label Student Board, StartUP! Days and Launch!
  - RACE: Learning Journey along the Value Chain with Industrial Partners

- **PhD Education**
  - Talk Nerdy To Me Nerdy (Science Communication Bootcamp) for Upscaling and Label PhDs
  - Club of Rome Academy
  - RawMatCop Programme (post-doc)

- **Lifelong Learning (LLL)**
  - EIT-Label Programme Support – Boosting recruitment, communications, building the student community, detecting student with business ideas for BIC

**RESULTS/KPIs**

- To be based on the revised KPI system developed by a KIC RM Task Force: Increased communication and visibility

**Buffer for New Ideas in 2019**

- Industrial Roadshow to assess skills needed for the evolving sector + for industry-relevant LLL proposals
- Standards to boost resource efficiency and reduce costs
- RACE-Pro: Learning Journey along the Value Chain
EIT-Label Master Programmes

- Six EIT-Label Master programmes covering the entire value chain
- Programmes apply for the EIT-Label
  - 30 ECTS of I&E education
  - Thesis research project with industry
  - Mobility
  - Fulfilment of 7 learning outcomes
- AVSA grants totaling EUR 9,000/student
- Master School
  - EIT Label Student Board
  - LabeLaunch Days
  - Joint Summer School tbd
  - RawMat Careers
Intermin project

• Contribution to WP2

• Communication and dissemination WP: we have send the link for questionnaire to our relevant partners and mention the project in some of our meetings
Connecting Innovation in the Raw Materials Sector

20 - 22 MAY 2019, BERLIN

FOR MORE PLEASE VISIT: #RMSummit2019