



RawMaterials

Connecting matters

# Education: Providing Skills and Talents for Industry to succeed Today and Tomorrow



Co-funded by the  
European Union



# ■ Lack of skills is a major issue for industry

50% of all employees across industries will need re-skilling and 100 M new jobs are expected to emerge by 2025.

(2024, World Economic Forum's Future of Jobs Report)

85%  
of firms say a lack of skills is impeding investment.

(2023, European Investment Bank (EIB). Resilience and renewal in Europe report)

## ■ Education - Human capital & workforce solutions

Building on our knowledge capital and our world-leading industry and innovation network, EIT RawMaterials offers specialised solutions to deliver a skilled workforce for today, and agile human capital for tomorrow. We accelerate adaptability to solve real-world challenges for the raw materials industry.

# EIT RawMaterials Academy

1550+ HEI  
students

40+  
nationalities

3653+  
school  
pupils



RawMaterials  
ACADEMY



Master's Education



PhD Education



Lifelong Learning



Wider Society  
Learning





# EIT-Labelled Master Programmes



MASTER OF SCIENCE  
IN ADVANCED MATERIALS:  
INNOVATIVE RECYCLING



MASTER OF SCIENCE  
IN MINERAL EXPLORATION



MASTER OF SCIENCE IN  
SUSTAINABLE MATERIALS



MASTER OF SCIENCE IN  
SUSTAINABLE AND INNOVATIVE  
NATURAL RESOURCE MANAGEMENT



MASTER OF SCIENCE  
IN MINING ENGINEERING



MASTER OF SCIENCE IN  
ENTREPRENEURSHIP, INNOVATION AND  
TECHNOLOGY INTEGRATION IN MINING



MASTER OF SCIENCE IN  
GEORESOURCES ENGINEERING



MASTER OF SCIENCE IN  
ADVANCED MATERIALS FOR INNOVATION  
AND SUSTAINABILITY



# Academy future

- A disruptive data-driven, real-time tool that predicts the financial impact and solves skills shortages across industries and geographies
- Employability through competency development and lifelong learning
- Inclusive, equal education opportunities

## Scaling impact:

Launch of ambitious digital tool which aims to serve a broad spectrum of users providing

- Adaptive learning paths
- Advanced skills & cost analytics
- Skills assessment & certification
- AI-driven recruitment & workforce mobility
- Industry insights across the globe.

## Entire Value Chain Coverage



## The Knowledge Triangle



51,700+  
SOCIAL MEDIA FOLLOWERS

5,000+  
ALUMNI MEMBERS

4,000+  
PROFESSIONAL CANDIDATES

# European Raw Materials Academy

The European Raw Materials Academy, led by EIT RawMaterials, aims to **upskill** and **reskill** over **100,000 learners** and **professionals** by **2030**, with the skills they need to master the **green** and **digital transitions**.



# Human capital and workforce solutions

## OPEN & CUSTOM PROGRAMMES

Custom raw and advanced materials value chain programmes for energy, automotive, and aerospace sectors

### Examples:

*Customised course with Italian multinational ENEL*



*Multi-year project signed with returning customer oil and gas major Eni*



**New UNEP collaboration to deliver course on Raw Materials Academy Platform**



## OPEN INNOVATION CHALLENGES FOR TALENT & RACE

Successful Open Innovation Challenges (OIC) and Raw & Circular Economy Expedition (RACE)

### Examples:

*Spain's leading copper producer, Atlantic Copper, on "sustainable valorisation of CRM from metallurgy processes"*



*Finnish mining and circularity services leader Tapojärvi, building on successful 2023 partnership*



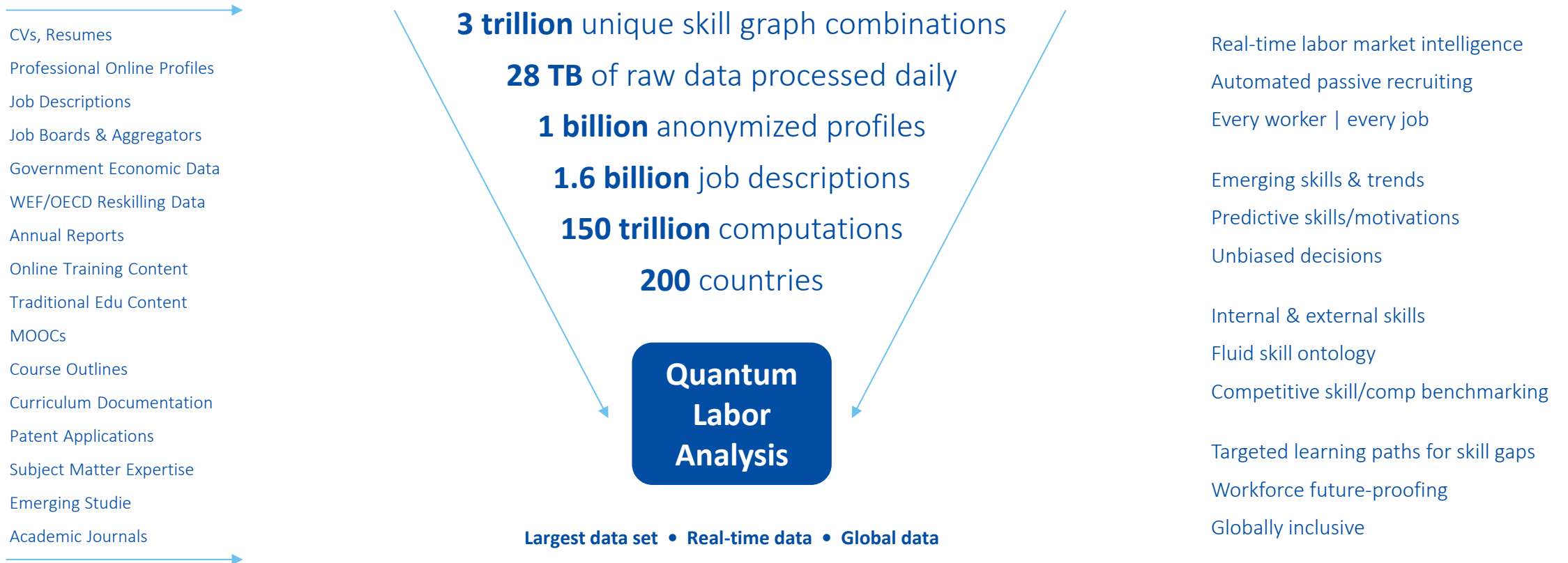
**Leading "Sustainable Future Steel Production and People Recruiting" project for ESTEP**





# Europe's first quantum labour analysis

The Academy's patented application of AI to the analysis of workforce data **automatically extracts skill information from labour market data, enabling analysis in real-time and at the granular skills level.**





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