



RawMaterials

Connecting matters

EIT RawMaterials

KAVA CALLS – Upscaling & Innovation



Co-funded by the
European Union



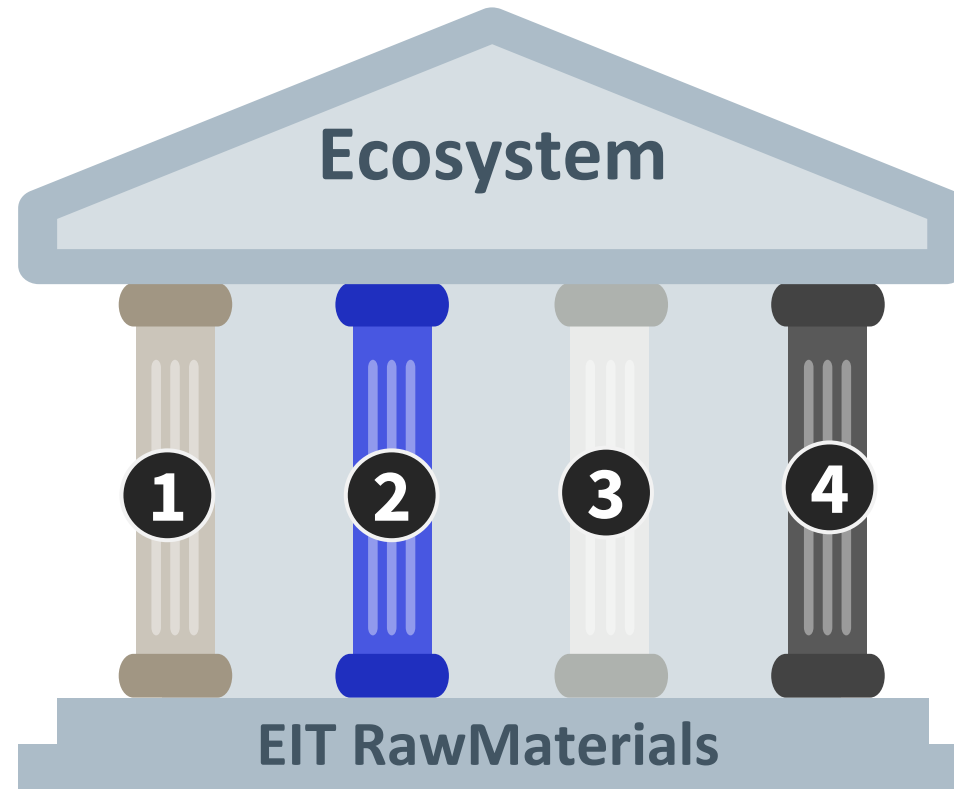
Different ways for EIT RawMaterials to strengthen collaboration within its ecosystems and ensure Europe's competitive future

1 Funding opportunities

Provide funding mechanisms to **further develop & commercialize** innovative solutions

2 Innovation services

Foster innovation building in organizations through development of **innovation challenges and intelligence reports**



3 Education services

Collaborate with universities to develop **life-long learnings and modules** to close the skill gaps

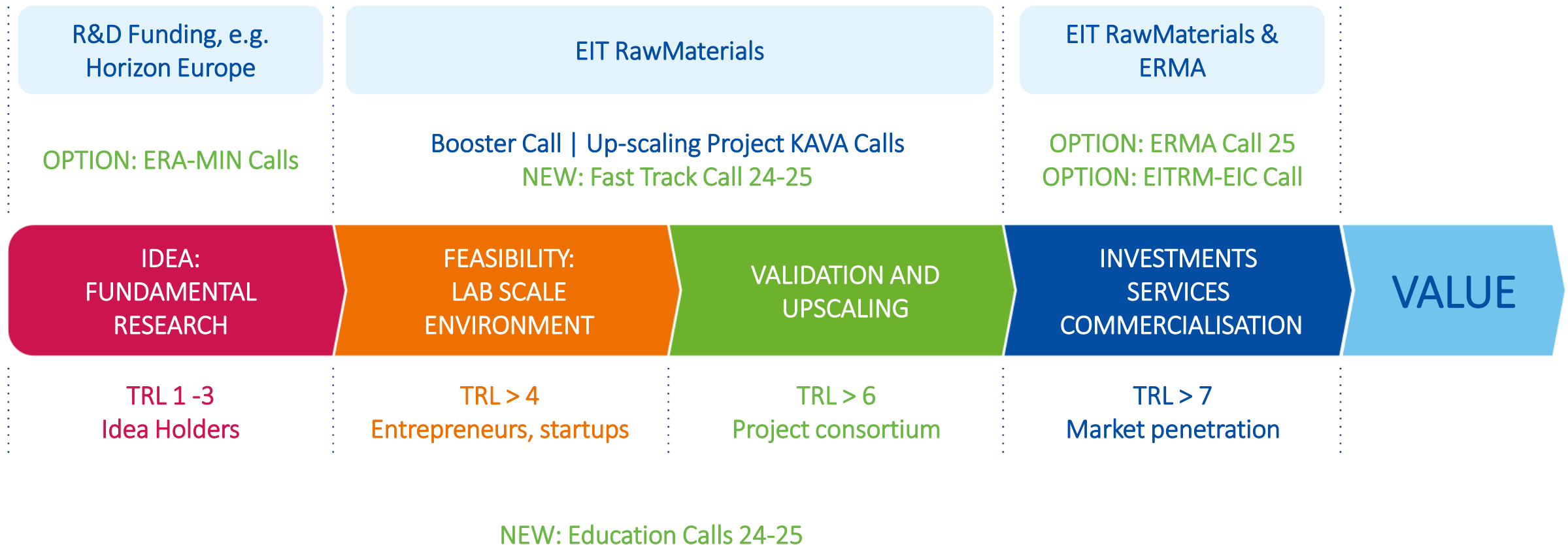
4 Networking opportunities

Connect actors to ensure **industry-wide collaboration** through networking events, expert forum, or direct B2B connections on request

KAVA Calls

KAVA Calls provide funding for **collaborative innovative projects** that address challenges in the critical raw materials sector, supporting the development of sustainable, competitive, and resilient supply chains across Europe.

New set of Calls launched across the innovation cycle



KAVA Upscaling

Objective:

- Aims to support technology development progressing **from TRL 5 to TRL 8**, from lab validation to demonstration and pre-commercial deployment throughout a **2-2.5 years-period project**.
- Aims to foster **collaboration in-between actors** of the raw materials value chain

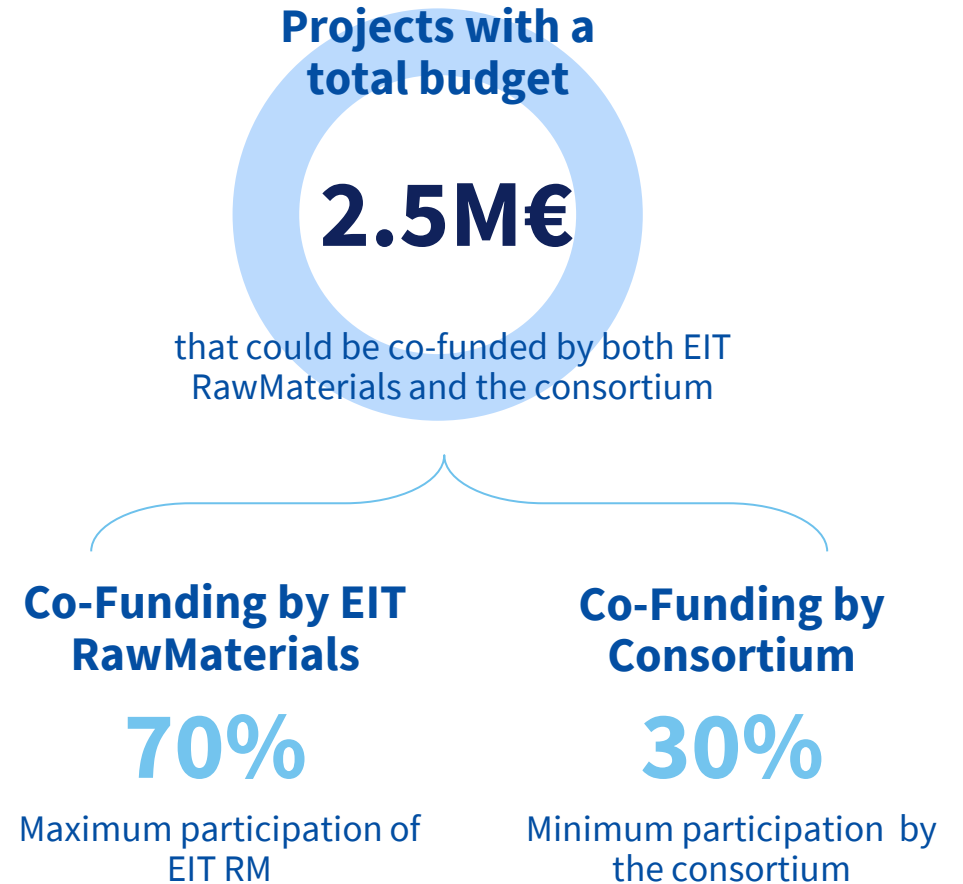
Strategic importance:

- Promote innovation in the raw materials sector through targeted funding of technology upscaling projects aligned with three strategic pillars: **Responsible Sourcing, Sustainable Materials, Circular Societies**

Consortium Composition:

- Minimum of **2 participants** from 2 different Horizon Europe-eligible countries (Maximum of 5 participants)
- Must include partners from at least **two sides of the knowledge triangle** (Industry, Academia, Research)
- Lead participant must be an EIT RawMaterials Core or Associate Partner

Financial aspects



KAVA: Financial Sustainability & Timeline

Financial Sustainability Mechanism: EIT RawMaterials wants to ensure its capability of continuously investing in the ecosystem over time.

Therefore, some mechanisms are put in place on projects, to ensure to share the success of the project with you:

- **Equity:** EIT RawMaterials receives a percentage of the share capital of the project company
- **Revenue sharing:** EIT RawMaterials receives a percentage of the revenue generated from the project in the event of success. The amount of backflow can be capped to an amount equaling the EIT funding received.

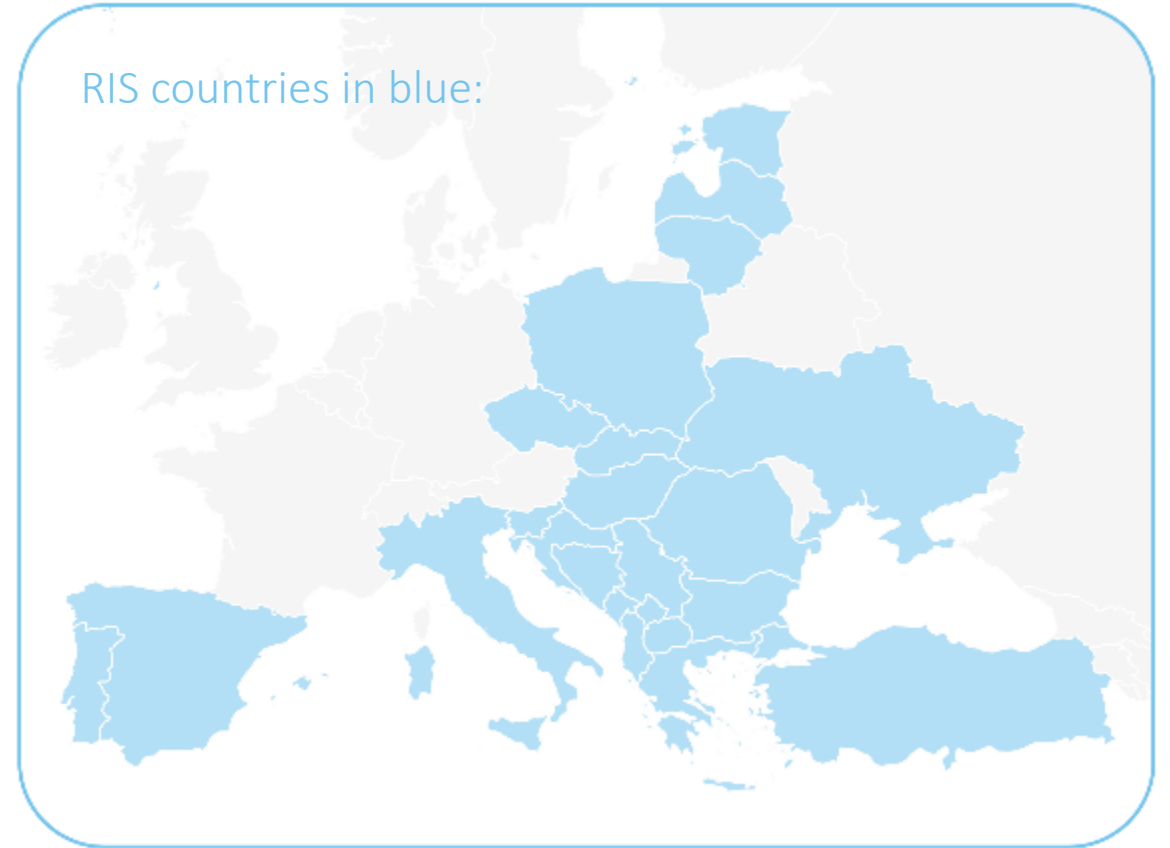
External evaluators review proposal submitted ensuring the integrity of the proposal reviews from a technical and commercial perspective. The review process with external evaluators is expected to take around 8 weeks.

KAVA Regional Innovation Scheme - RIS CALLS

Eligibility

- Majority of RIS Proposal's activities are executed in RIS countries
- Activities need to provide benefits for RIS countries
- Activities need to raise the innovation level of entities in RIS countries
- Activities must be coordinated by a partner from a RIS eligible country
- Activities contribute to EIT Core KPIs achieved in a RIS eligible country
- Non-RIS participants (partners) welcome in consortia

RIS countries in blue:



KAVA Regional Innovation Scheme - 2 RIS CALLS

RIS INNOVATION KAVA PROJECTS

Innovation Projects based on validated technologies that need additional step(s) for testing, demonstration, proof of concept and up-scaling prior to commercialization. The purpose of these Projects is to support good technologies, products, and services that are currently under development in RIS countries

Consortia: min. 2 - max. 4 (from min. 2 countries) EIT RM Partners

TRL: min 6 at start/ min. 8 at end

Duration: 2 years (project implemented in 2 phases, but the consortium applies only once for both phases (Phase 1 = 1 year - review and go/no-go decision - Phase 2 = 1 year, max. 1.5))

Co-funding: Min 20% of Total Funding

Financial Return Mechanism Mandatory

RIS CAPACITY BUILDING KAVA PROJECTS

Can be defined on a case-by-case basis, e.g. Cooperation with innovative groups that work on and have developed tools and technologies that can be tested in RIS regions with the aim to solve raw materials value chain-related challenges.

Consortia: min. 3 EIT RM Partners (from min. 2 countries)

TRL: min. 4 at start of the project

Duration: up to 2 years

Co-funding: Min 10% of Total Funding

Financial Return Mechanism not Mandatory

From Innovation to Impact

ACHIEVEMENTS & STRENGTHS 2016-23

- Direct investment of over **€600 million** across value chain
- **>1,400 pilots, demo plants and prototypes**
- **300 new products and services** to market
- **40 new spin-offs** out of innovation projects
- Over **800 start-ups** supported
- Mobilized **€3.6 billion** in indirect investments to support strategic initiatives
- **€300 million** in new direct investments planned up to 2027



CIRCULAR ECONOMY



SUBSTITUTION



EXPLORATION



MINING



PROCESSING



RECYCLING

SEC4TD
Worldsensing



Alim
BlueSolution



NewEco
Eramet - Boliden



MagRee
MagReeSource



Newman
Hoganas



ReLieVe
Eramet





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