

## Opportunities within EIT RawMaterials consortium

Ulf Orrebrink

[ulf.Orrebrink@eitrawmaterials.eu](mailto:ulf.Orrebrink@eitrawmaterials.eu)

Mobile: +46 70 283 99 22



EIT RawMaterials is supported by the EIT,  
a body of the European Union

Katarina Öquist/ Trondheim 2019-09-20

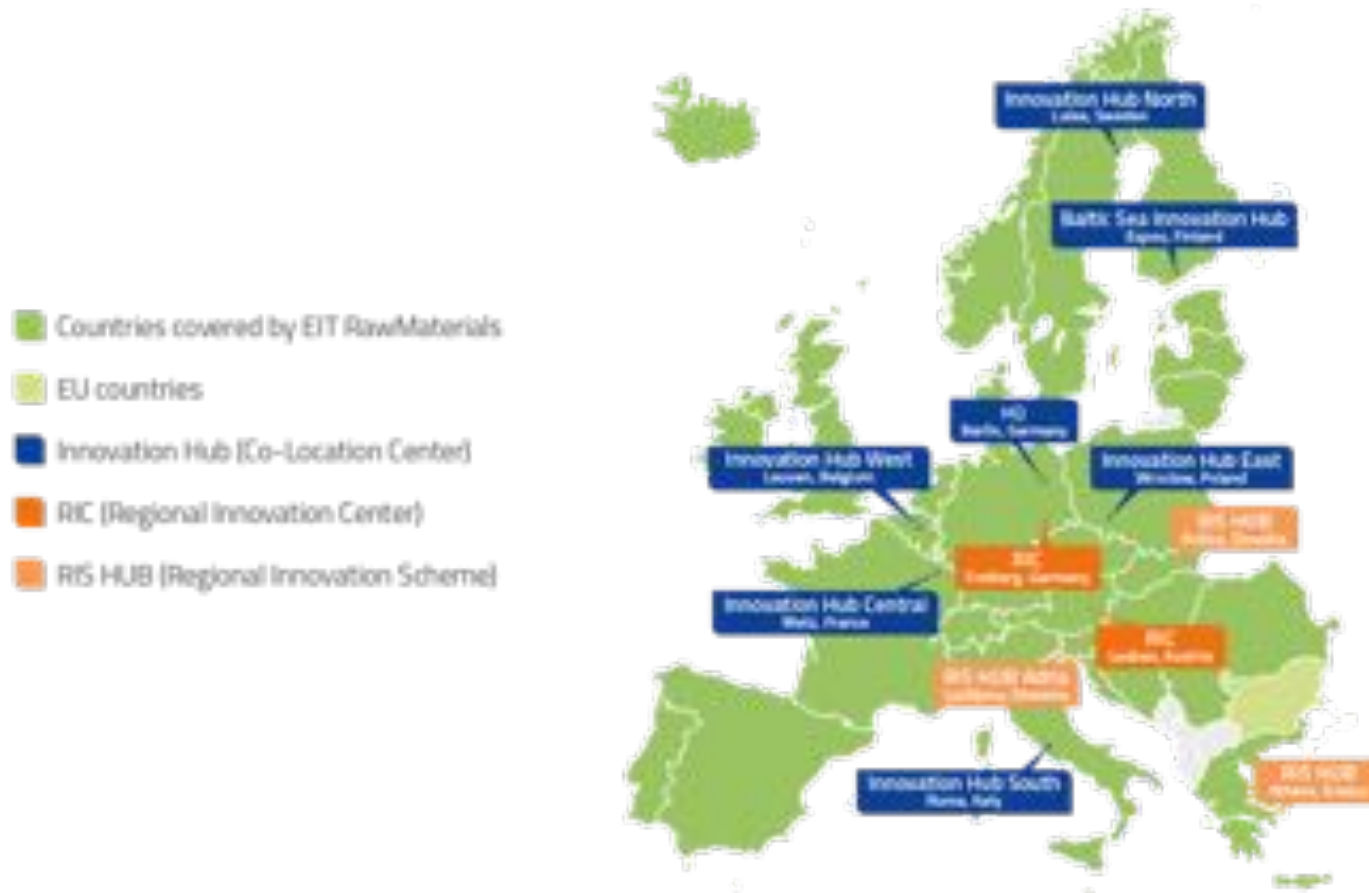
Raw materials -Metals & Minerals  
are -essential for securing the  
competitiveness of Europe.



RawMaterials

Connecting matters

## EIT Rawmaterials (key numbers 2016-2018)



128

### Core and associate partners

200

### Project partners

27+

European countries

339

Number of projects 2016-2018

€ 130+ M

Total projects funding

617

Number of jobs created

€ 26 M

Total RIS funding





Are you an early idea want to turn your  
innovative idea into a budding business?

# EIT Jumpstarter



## Jumpstarter Key Facts

- 6 workshops 2020 (30-40 places)
- 2 Day Business on hand training with EIT Health/Food/Rawmaterials
- Using external training providers
- Grant of € 1K available for successful candidates

Do you want to Accelerate your solution to the market?



Do you want to Accelerate your solution to the market,  
apply for the RawMaterials Accelerator!

#### TIMELINE FOR YEAR 2020

- ACP1 Deadlines: March and September 2020
- ACP2 Deadlines: February 2020 and June
- ACP3 Open all year. Starts in April
- And in October





## ACP Facts

- Phase 1: 10K€ Funding, no requirement on company registration.
- Phase 2: 30K€ Funding, Company needs to be registered.
- Phase 3: 45 K€ Funding. Acceleration Phase
- Expect 1-2 years in the program
- External trainers and EIT trainers
- Ongoing coaching

Are you an Start-Up or SME with innovative solution ready to scale-up your business?

# START-UP AND SME BOOSTER CALL

Apply by 20 September 2019!

<https://youtu.be/sJg7YgUyMtl>



## Booster Call Facts

- Up to 60 K€ /year/company
- Three Calls annually – Jan/Jun/Sep
- Need to be at TRL 5
- Task specific
- 5 –pager application with milestones, budget and targets
- Award needs to be consumed within the calendar year
- Start Report and End Report

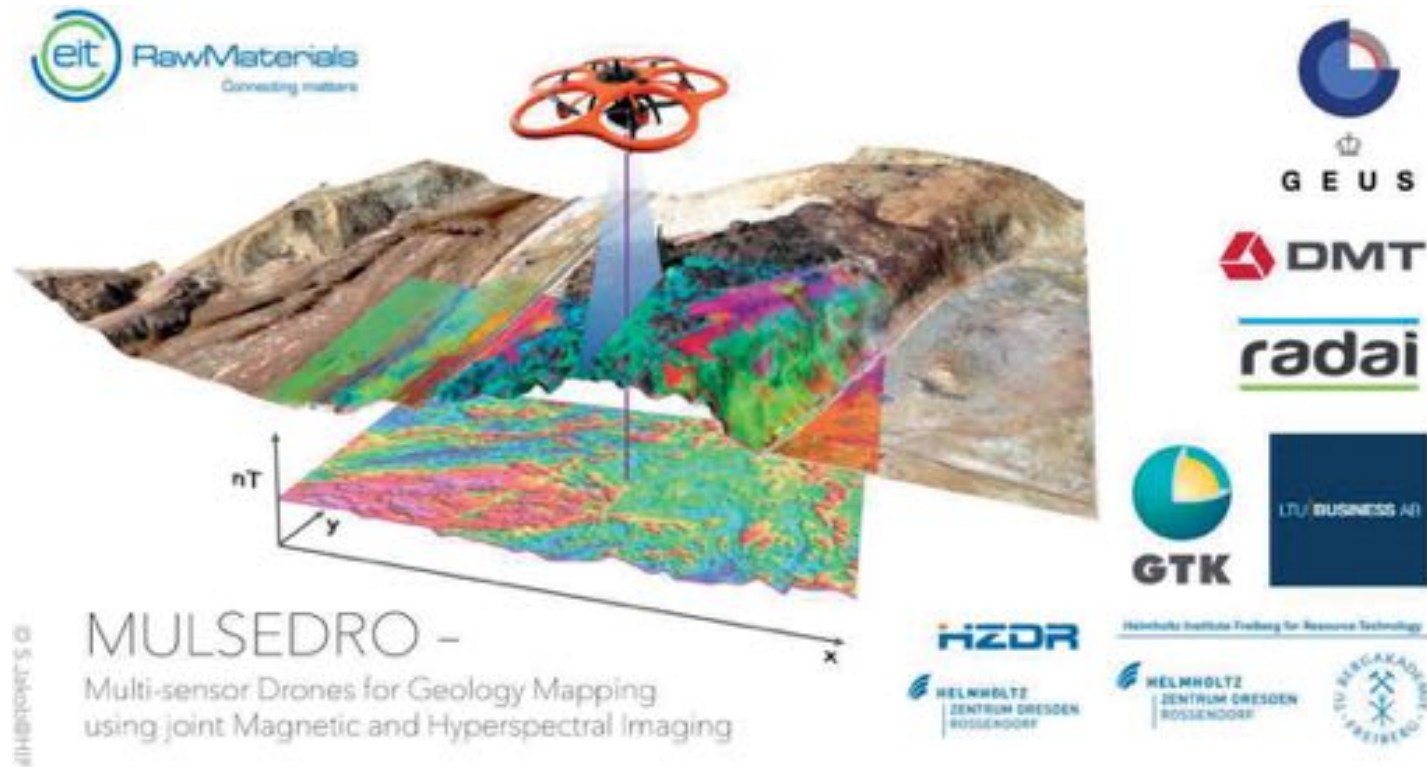
## KAVA Upscaling Calls

- Yearly calls  
deadline January/February
- Several categories
- Innovation TRL5+
- Education
- Consortium
- Commercialization Entity
- 3-4 Y
- 0.5-8 M€ / projects





# Ready Upscaling and bringing “X” to the market?





RawMaterials

Connecting matters

Thank you for your attention!



RawMaterials is supported by the EIT,  
a body of the European Union

**Innan AB** has a concept for more efficient learning by a tactile virtual reality experience targeting safety education for the mining industry. A unique way of tracking physical objects into a virtual world makes it possible to experience and train emergency situations in a controlled but immersive way.

*Approved business project: To develop next scale prototype for test and evaluation at mine site in collaboration with Industry partner.*

*Added value:* For increasing safety and security. To make access for multiple employers and users to train specific emergency situation in authentic environment.

*Connection EIT RM partner:* ongoing dialog for test with LKAB and Boliden.

*Stage:* Start-up in concept and development stage with innovative product for learning process.



© FOTOGRAF (IVON CARLSON)



**ThingWave AB** provides solutions for real-time and online rock bolt monitoring. Important parameters such as load and seismicity can be sensed, and any deviation from normal behaviour is immediately detected and alarms are transmitted wirelessly. Thing Wave's products and solutions enable a safer and more productive mining operation."

*Approved business project:* To build prototype for testing larger scale test installations with international mining companies.

*Added value:* The solution make it possible for a real-time communication in the underground mine with multiple functions. It will increase efficiency, safety in many aspects for the mines and their service providers, low-power sensor platforms, gateways, and cloud systems.

*Connection EIT RM partner:* ThingWave is currently in discussions with companies such as Boliden, LKAB, Anglo American, Codelco, and OceanaGold about field tests and usage of our technologies.

*Stage:* Early Start-up in Development stage with identified and verified application towards RM Industry.





# eMaintenance<sup>365</sup>

- eMaintenance36 provides decision support services for operation and maintenance that create benefits for the customers business processes.

Through sophisticated analysis of large amounts of data, the customer can plan maintenance operations of their facility to prevent disruption.



## Industry Partners



## Universities we collaborate with



## Partners for research and technology





# Apply for RawMaterials Booster funding!

## START-UP AND SME BOOSTER CALL

Apply by 20 September 2019!

- Open for 2020
- First CUT Q1
- Up to € 60 000
- To validate
- Technology development
- Market attraction
- Scaling Business Models & sales



# Connecting Innovation in the Raw Materials Sector

MAY 2020, BERLIN

[#RMSummit2020](https://twitter.com/RMSummit2020)

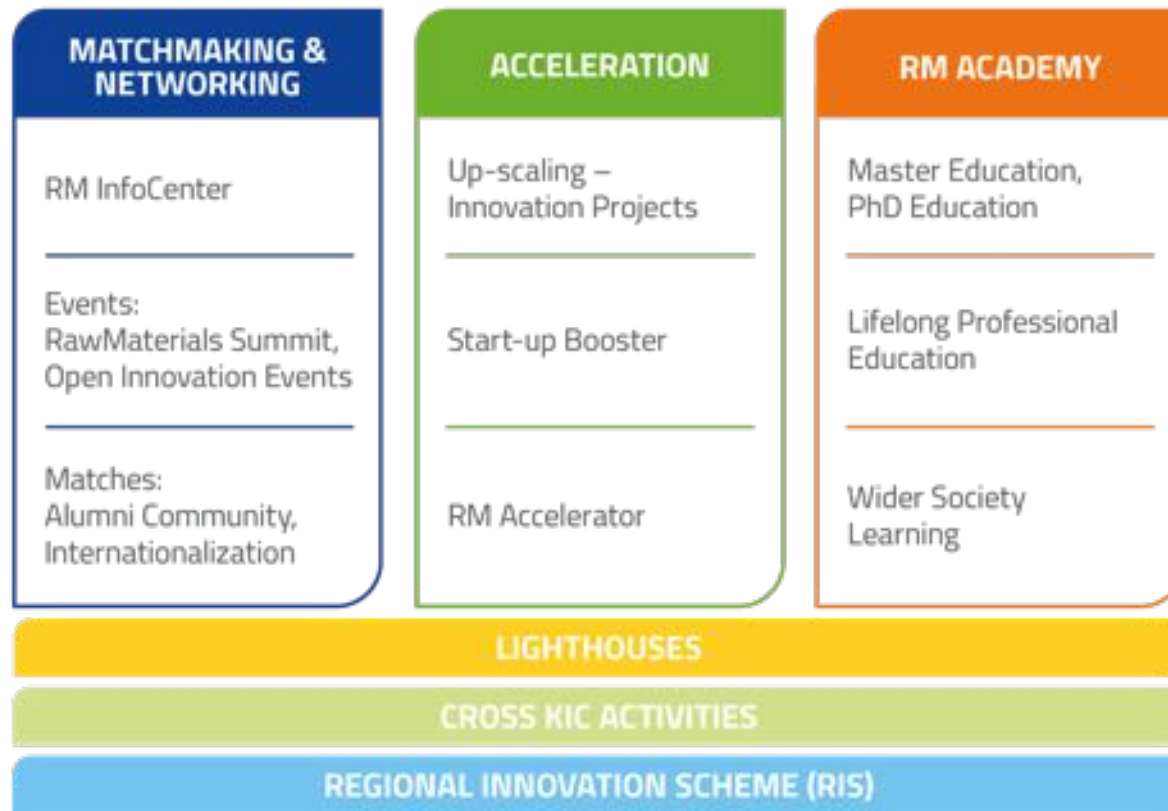


- **Innovation and new technologies** covering the entire raw materials value chain
- **Future EU innovation** programmes and **impact on the raw materials industry** and sector
- **Start-up and venture forum**: showcase of the start-ups and pitching sessions dedicated to investors
- **Education**: showcasing innovative programmes in Education and the EIT Alumni



This activity has received funding from the European Institute of Innovation and Technology (EIT), a body of the European Union, under the Horizon 2020, the EU Framework Programme for Research and Innovation

## Matchmaking & Networking, Acceleration, Education Activities



## ACP Video

<https://youtu.be/sJg7YgUyMtI>

## Jump-Starter video

<https://youtu.be/BkIEcvu3tG4>