

EIT RawMaterials

surpluses

Operations – networking -
projects

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EIT RawMaterials

Vision:

To develop raw materials into a major strength for Europe

Mission:

To boost competitiveness, growth and attractiveness of the European raw materials sector via radical innovation and entrepreneurship.

- Securing raw materials supply
- Designing solutions
- Closing material loops

EIT RawMaterials Themes

- Exploration and raw materials resource assessment
- Mining in challenging environments
- Increased resource efficiency in mineral and metallurgical processes
- Recycling and materials chain optimisation for End-of-Life products
- Substitution of critical and toxic materials in products and substitutions for optimised performance
- Design of products and services for the circular economy

EIT RawMaterials Activities

- Matchmaking & Networking
- Validation & Acceleration
- Learning & Education
- Business Creation & Support

EIT RawMaterials Activities

Matchmaking & Networking

- InfoCenter
 - Service desk / network / data base
- Matches
 - Combining existing technology with new business models for licensing, joint ventures, access for students to find a job and a job to find a student, a platform for EU wide internships, SME needs for skills & expertise
- IDEA Camp
 - Event for idea exchange, e.g., for SME Fast Track
- Intrapreneurship Facilitator
 - Events for generation & acceleration of intrapreneurship

EIT RawMaterials Activities

Validation & Acceleration

- Up-scaling
 - (a) Integration of existing technology
 - (b) De-siloing and value chain co-operation
 - (c) Bringing technologies to the market
- Network of Infrastructure
 - Combining existing facilities to reach critical mass in the areas of
 - (a) Pilot plants / technical centres
 - (b) Analytical and modelling infrastructure

EIT RawMaterials Activities

Learning & Education

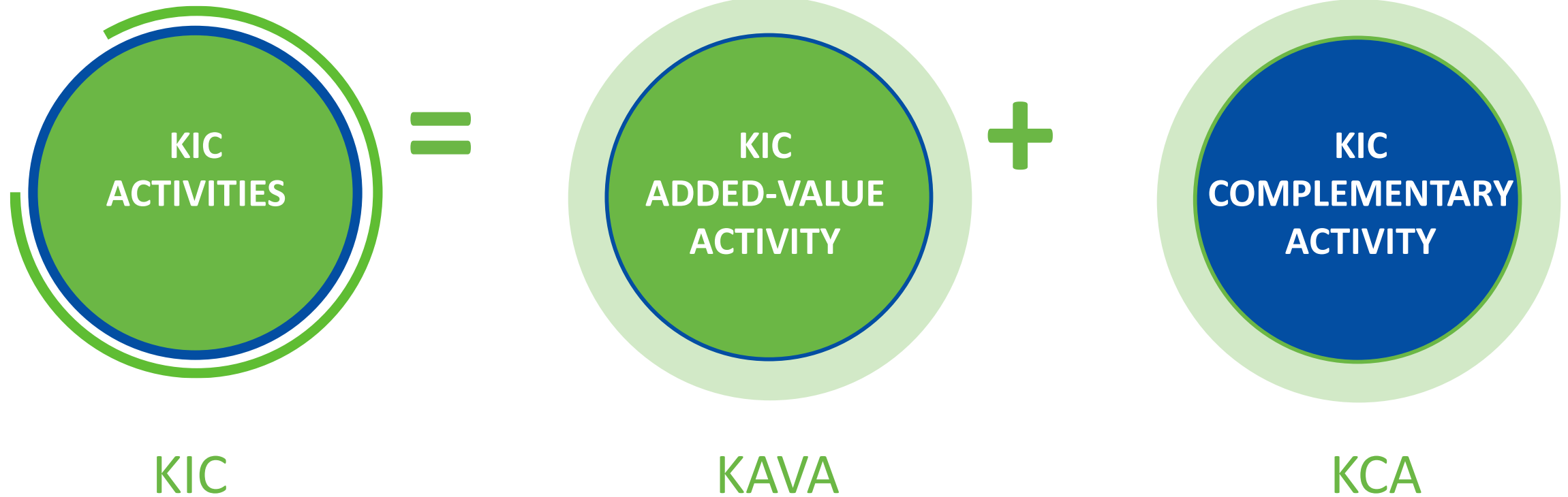
- PhD education and Master education
Modules for Programmes focus on raw materials themes and industry needs
- Life-long learning
Industry needs focused education for qualified professionals
- Wider society learning
Aims to raise awareness
- RM Academy

EIT RawMaterials Activities

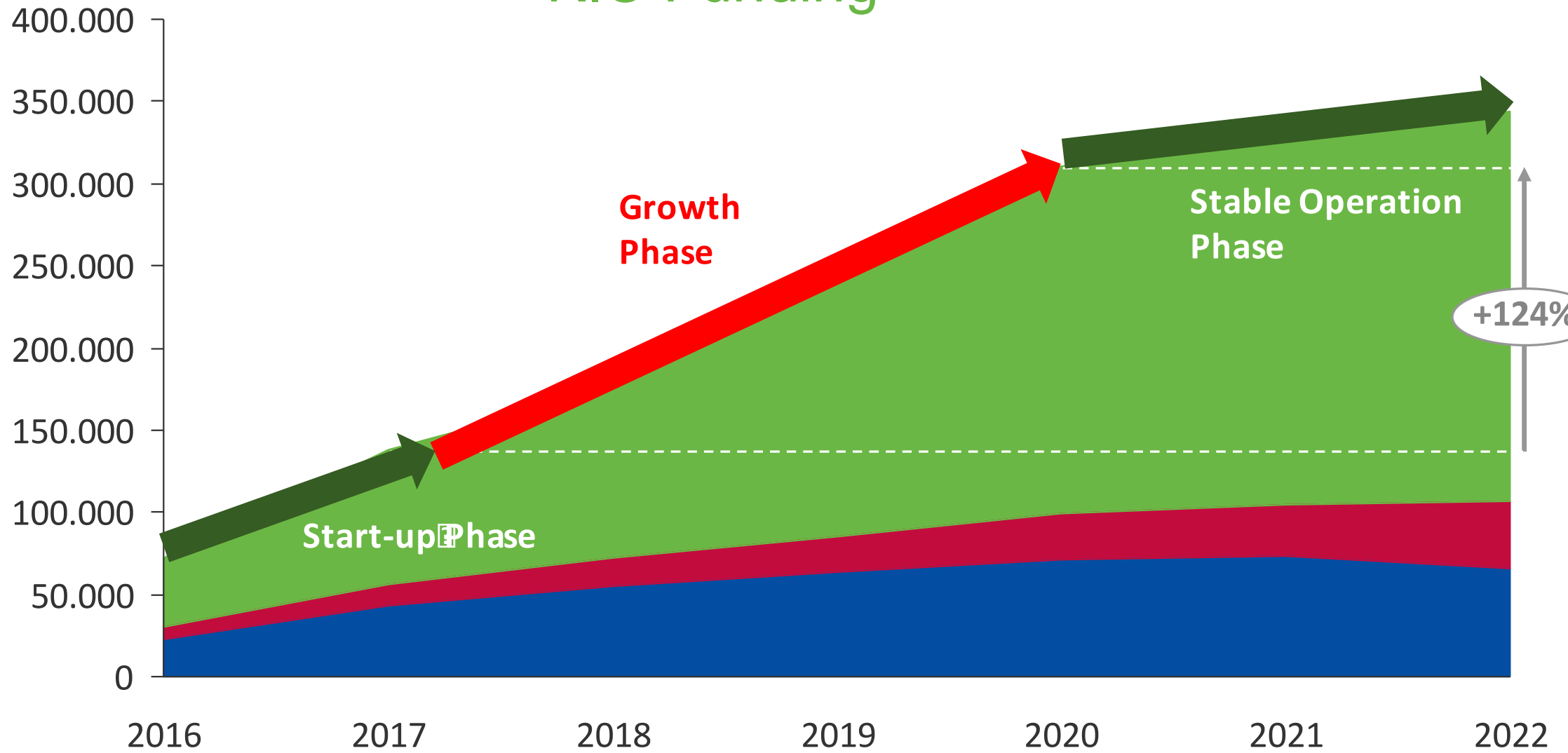
Business Creation & Support

- Entrepreneurship Services
Supporting new start-ups (scouting, business model development, funding and technology, coaching, incubation)
Supporting new spin-offs and existing SMEs in creating their business
- RawMaterials prize
- Growth booster
Providing soft landing for SMEs expansion and tailor-made benchmarking and matchmaking of local / regional actors
- Funding instruments
Using own funds for pushing the best projects

KIC Activities



KIC Funding



EIT RawMaterials Partnership

>100 partners, 22 countries

- HQ: Berlin, Germany
- Northern CLC: Luleå, Sweden:
- Eastern CLC: Wroclaw, Poland
- Southern CLC: Rome, Italy
- Western CLC: Metz, France
- Central CLC: Leuven, Belgium
- Baltic Sea CLC: Espoo, Finland



Partners

Industry



Partners

Research Tech Orgs

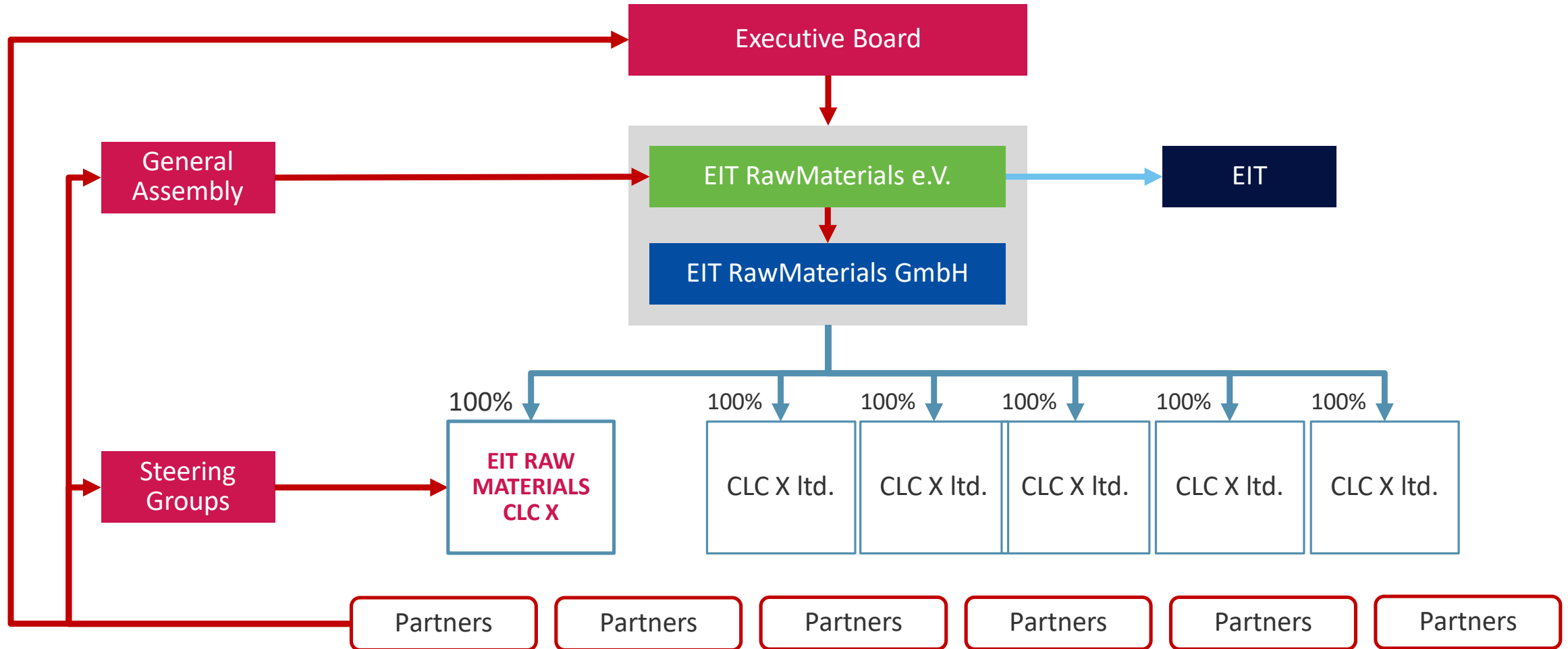


Partners

Universities



General Governance Setup and Control



Partnership

	Core Partner	Associate Partner	Task Partner	Support Partner
Governance & Operations <ul style="list-style-type: none"> KIC Level decisions 	In GA, elects the Board	One common representative in GA	No	No
	<ul style="list-style-type: none"> CLC Level decisions 	In CLC steering Group	In CLC steering Group	No
Number of annual activities/ Leading a KAVA	Unlimited / Yes	Unlimited / Yes	Dedicated events and activities/ No	Dedicated events and activities/ No
Annual KIC funding ceiling	None	EUR 300.000	EUR 60.000	No funding
Annual Cash contribution	EUR 100.000	EUR 30.000	None	None
Annual KCA contribution	EUR 900.000	EUR 300.000		

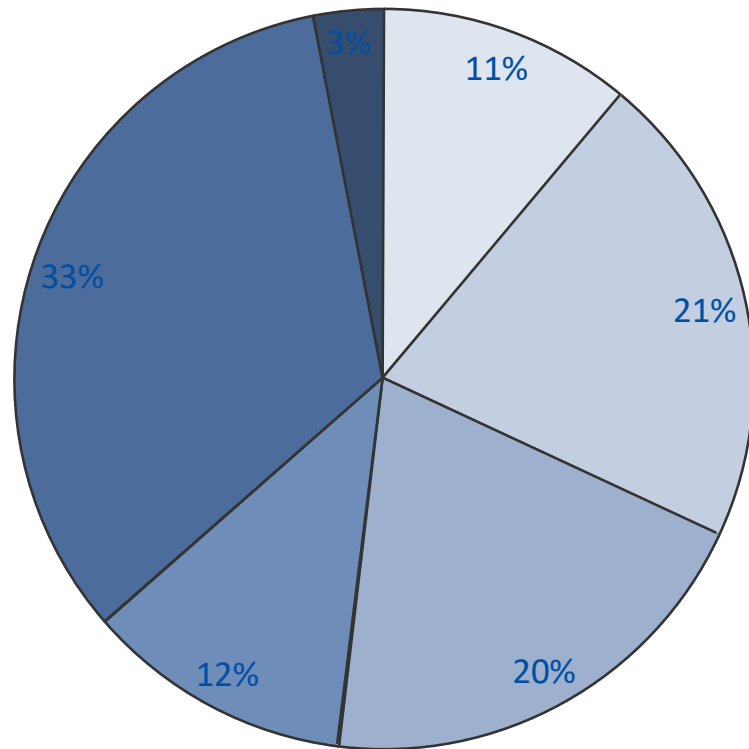
Portfolio 2017

Area: KAVA Activity	Project type	Started 2016 (Activities)	Start in 2017 (Activities)	App. KAVA funding* 2017
Matchmaking and Networking	InfoCenter	?	?	0.5M EUR
	Events	?	>30 events	0.5M EUR
Validation & Acceleration	Up-scaling	20 projects	21 projects	24.1M EUR
	Network of Infrastr.	27 projects	7 projects	3.4M EUR
Education	PhD education	3 projects	5 projects	1.6M EUR
	Master education	5 projects	5 projects	2.6M EUR
	Lifelong learning	7 projects	8 projects	2.2M EUR
	Wider Society learning	4 projects	6 projects	1.6M EUR
	RM Academy	?	2 projects	1.0M EUR
Business creation & support	Entrepreneurship Support	1 project	4 projects	0.5M EUR
	Start-up/SME Booster	?	15 projects	1.8M EUR
	Funding Instruments	?	4 projects	0.8M EUR
Internationalisation	Internationalisation	?	5 projects	1M EUR
RIS	RIS	1 project	5 projects	0.8M EUR
All	?	68 projects	65 projects**	42.4M EUR

* Approximate distribution. Includes EIT funding and co-funding (partner/regional/national/membership fees).

** Excluding Events, Start-up and SME Boosters as well as Funding Instruments.

Upscaling Portfolio distribution by theme 2016 -2017



- Exploration & RM resources assessment
- Mining in challenging environments
- Substitution of critical & toxic materials for products & for optimized performance
- Recycling and material chain optimization for end of life products
- Increased resource efficiency in mineral & metallurgical processes
- Design of products & services for circular economy

Projects

Company sites ▾ Webmail ▾ Science ▾ tools ▾ Misc ▾ Banking and bills ▾ EIT RM ▾ News ▾ food ▾ Airlines ▾ Weather ▾ Berlin ▾ shopping ▾

Azamara Cruises, Azamara Cruise, Cruises with Azamara, Cruise Azamara, Cruise with Azamara, Azamara Cruise Line, Aza... Projects – EIT Raw Materials

eit RawMaterials
Connecting matters

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Filter by: Business Creation & Support – Entrepreneurship Support Services (ESS) Internationalisation Network of Infrastructure Upscaling **SUBMIT**

AMCO: Automated Microscopic Characterisation of Ores

The project aims at the production and marketing of an innovative, low-cost and user-friendly, automated system for the microscopic characterisation of ores, to improve the geometallurgical performance and to reduce the environmental impact. The solution builds on previous development of the CAMEVA System (UPM, AITEMÍN) and is based on reflected light microscopy. Partnership: 2 universities, [...]

AVAR: Added Value Alumina Refining

The main objective of the project is to produce a number of scarce raw materials for the European economy from wastes from the alumina refining industry. The project will pilot the capture of high purity gallium and vanadium from upstream spent Bayer liquors whilst improving alumina yield within the Bayer process. Gallium has extensive use [...]

CaproKIC: Upscaling of one step process for automotive continuous fiber Polyamide 6 composite parts based on the in situ polymerisation of ε-caprolactam

The project objective is to upscale the technology for processing thermoplastic structural composites to manufacture automotive structural part with lower cost. Partnership: 1 research institution, 2 industry partners, (+1 industry/SME TBD) from 2 different countries (ES, FR), 2 CLCs. Lead Mondragon, SCLC

COFREE: Upscaling of Co-free solutions for cemented carbides




The outcome of this project will be a new material with potential to largely replace today's existing solutions of Co-based cemented carbides. The end customers of the product of this project cover a wide range of applications, representing large financial values. Partnership: 2 universities, and 3 industry partners from 1 country (SE), 2


Open "https://eitrawmaterials.eu/project/amco-automated-microscopic-characterisation-of-ores/" in a new tab

Projects

The screenshot shows a Safari browser window with the URL eitrawmaterials.eu/project/amco-automated-microscopic-characterisation-of-ores/. The page features the EIT RawMaterials logo and navigation menu. The main content area is titled "AMCO: Automated Microscopic Characterisation of Ores" and includes a description of the project's goals and a list of partners. A social media sharing section is located below the text. The footer contains a grid of links for various website sections.

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AMCO: Automated Microscopic Characterisation of Ores

Home / AMCO: Automated Microscopic Characterisation of Ores

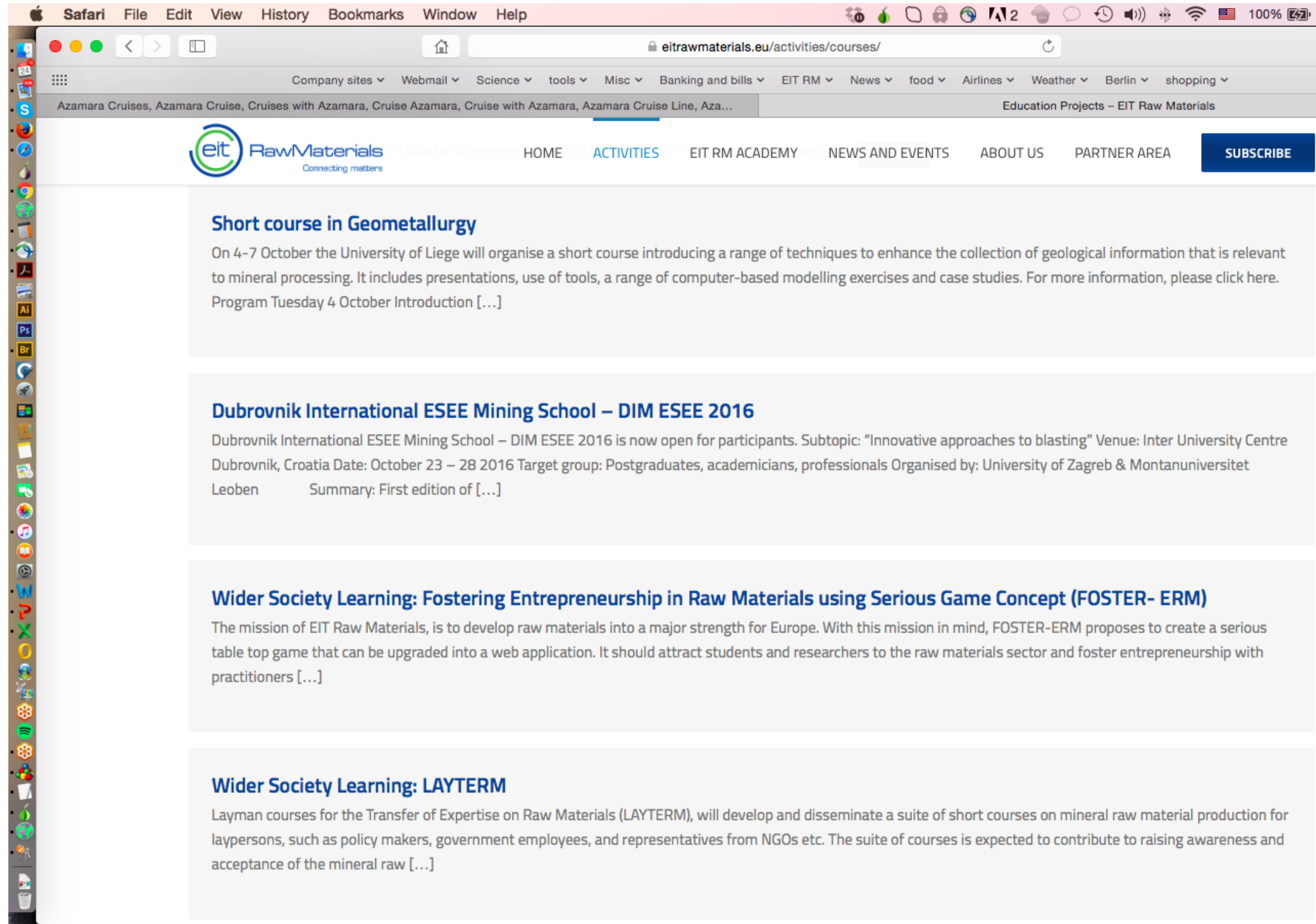
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Partnership: 2 universities, 1 research institution, 2 industry partners, and 1 SME from 4 different countries (ES, BE, FR, PL), 4 CLCs. Lead Technical University of Madrid, SCLC

Share on social media    

ACTIVITIES	NEWS & EVENTS	ABOUT US	PARTNERS	CONTACT
MATCHMAKING AND NETWORKING	EVENTS	PARTNERS	PROJECTS OVERVIEW	EIT RawMaterials GmbH Europa Center
LEARNING AND EDUCATION	PRESS RELEASES	VISION	CALL FOR PARTNERS	Taentzienstr. 11
VALIDATION AND	NEWSLETTER	PEOPLE	RELEVANT LINKS	10789 Berlin Germany

Projects



The screenshot shows a Safari browser window displaying the EIT Raw Materials website. The address bar shows the URL eitrawmaterials.eu/activities/courses/. The website header includes the EIT Raw Materials logo and navigation links: HOME, ACTIVITIES, EIT RM ACADEMY, NEWS AND EVENTS, ABOUT US, PARTNER AREA, and a SUBSCRIBE button. The main content area lists four projects:

- Short course in Geometallurgy**
On 4-7 October the University of Liege will organise a short course introducing a range of techniques to enhance the collection of geological information that is relevant to mineral processing. It includes presentations, use of tools, a range of computer-based modelling exercises and case studies. For more information, please click here.
Program Tuesday 4 October Introduction [...]
- Dubrovnik International ESEE Mining School – DIM ESEE 2016**
Dubrovnik International ESEE Mining School – DIM ESEE 2016 is now open for participants. Subtopic: "Innovative approaches to blasting" Venue: Inter University Centre Dubrovnik, Croatia Date: October 23 – 28 2016 Target group: Postgraduates, academicians, professionals Organised by: University of Zagreb & Montanuniversitet Leoben Summary: First edition of [...]
- Wider Society Learning: Fostering Entrepreneurship in Raw Materials using Serious Game Concept (FOSTER- ERM)**
The mission of EIT Raw Materials, is to develop raw materials into a major strength for Europe. With this mission in mind, FOSTER-ERM proposes to create a serious table top game that can be upgraded into a web application. It should attract students and researchers to the raw materials sector and foster entrepreneurship with practitioners [...]
- Wider Society Learning: LAYTERM**
Layman courses for the Transfer of Expertise on Raw Materials (LAYTERM), will develop and disseminate a suite of short courses on mineral raw material production for laypersons, such as policy makers, government employees, and representatives from NGOs etc. The suite of courses is expected to contribute to raising awareness and acceptance of the mineral raw [...]

Projects



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Dubrovnik International ESEE Mining School – DIM ESEE 2016

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Dubrovnik International ESEE Mining School – DIM ESEE 2016 is now [open for participants](#).

Subtopic: "Innovative approaches to blasting"

Venue: Inter University Centre Dubrovnik, Croatia

Date: October 23 – 28 2016

Target group: Postgraduates, academicians, professionals

Organised by: University of Zagreb & Montanuniversitet Leoben

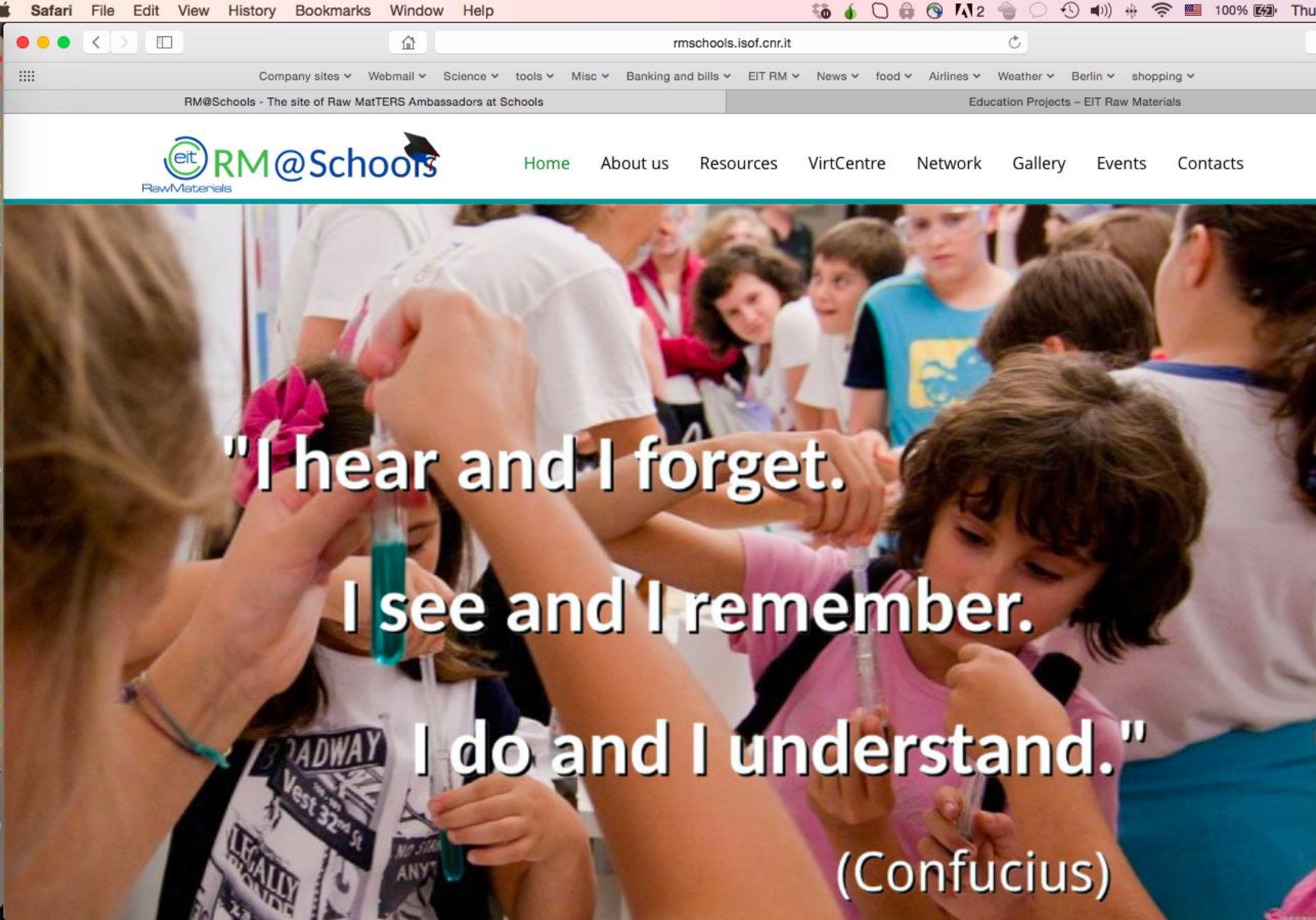


Summary:

First edition of the DIM 2016 is focused on advanced methods and innovative approaches to blasting. Course will begin with round table "Challenges in the Society" on the importance of the wider societal and economic acceptance of drilling and blasting, by educating mining engineers on the newest innovative, tested techniques on environmentally friendly blasting.



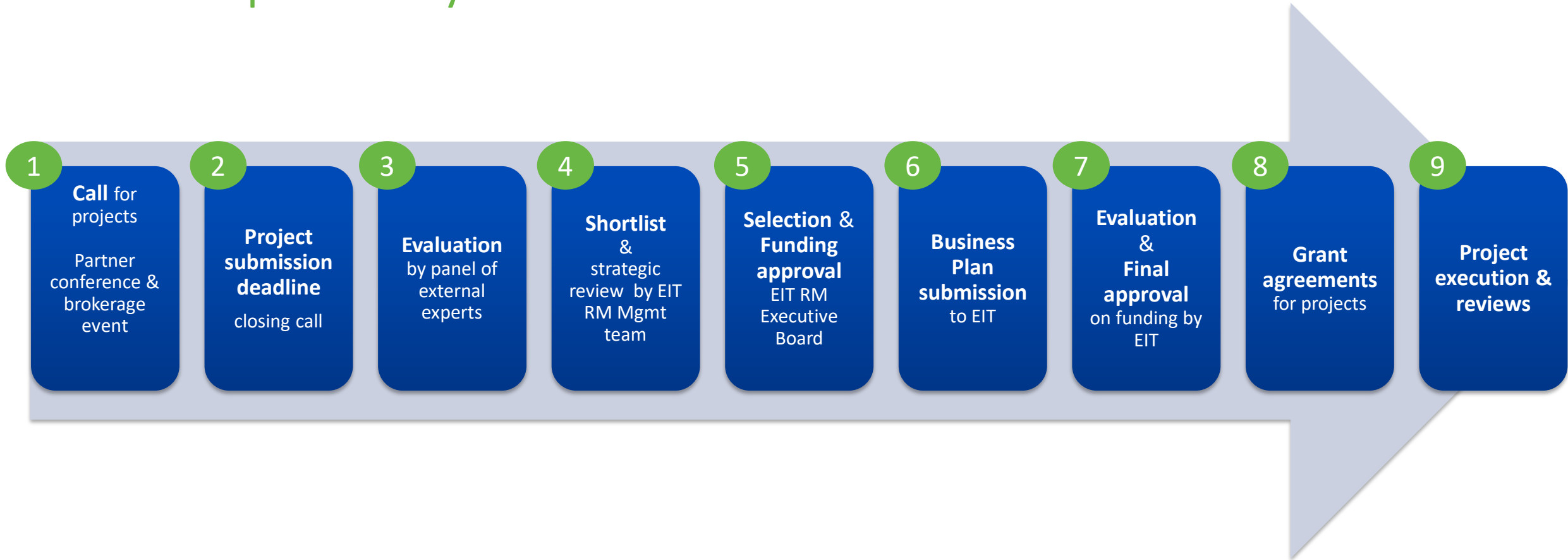
Projects



KAVA Call 4

- Call open for Upscaling, Education, INT and RIS
- Deadline 31st of March
- New Tool for submission SeedBook
- Evaluation building further on existing principles taking into consideration recommendations from evaluators, EIT, and partners
- Remote Reviews throughout April and consensus meetings in May
- Approval in June
- Feedback provided June- July

Business plan life cycle



Thank you for your
attention

