



RawMaterials
Connecting matters

Innovation & Entrepreneurship:

EIT RawMaterials' support for
Idea-Holders, Entrepreneurs,
Start-ups and SMEs



EIT RawMaterials · Activities

MATCHMAKING & NETWORKING

RawMaterials
InfoCenter

RawMaterials
Matches

RawMaterials
IDEA Camp

RawMaterials
Intrapreneurship
Facilitator

VALIDATION & ACCELERATION

RawMaterials
Up-scaling

RawMaterials
Network of
Infrastructure

LEARNING & OUTREACH

Master Education,
PhD Education

Lifelong
Professional
Education

Wider
Society
Learning

BUSINESS CREATION & SUPPORT

Entrepreneurship &
Business Creation
Services

Start-up &
Innovation
booster

SME Growth
booster

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EIT RawMaterials · Entrepreneurship & Business Creation Services

What?

Initiating, supporting and scaling up business ideas contributing to the overall EIT RawMaterials objectives at any stage within the Innovation Funnel with any kind of services needed with the goal of helping to finally turn the business idea into an innovation.

Who?

The target group is defined / selected based on by its respective potential contribution to the objectives of the KIC and ranges from pure ideaholders to Start-ups and SMEs, as well as KIC's own KAVA projects and other relevant projects (e.g. H2020 projects); this list is not exhaustive.

How?

- Business Idea Competition
- Business Plan Competition
- Hands-on Support / Coaching
- Access to networks, services and projects
- Financial Support
- Bootcamps
- Accelerator Programs
- X-KIC-Competition and Services



EIT RawMaterials · Start-Up and Innovation Booster

What?

Providing immediate funding for assessing the feasibility of promising researcher- and start-up initiatives which cannot wait for the normal yearly cycle. Providing a support package to start-ups with excellent ideas.

Who?

Entrepreneurs before or after the Start-Up establishing phase. Spin-Offs and Intrapreneurs.

How?

- Business Plan Competition
- Booster Funding
- Kick-Start-Funding
- Hands-on Support / Consulting
- Linking with Partners / Access to networks & services
- Participation in Upscaling projects
- Accelerator Programs



EIT RawMaterials · SME Growth Booster

What?

Providing business support to existing SMEs in their expansion beyond their hitherto reach, based on a competitive selection.

Who?

Entrepreneurial SMEs.

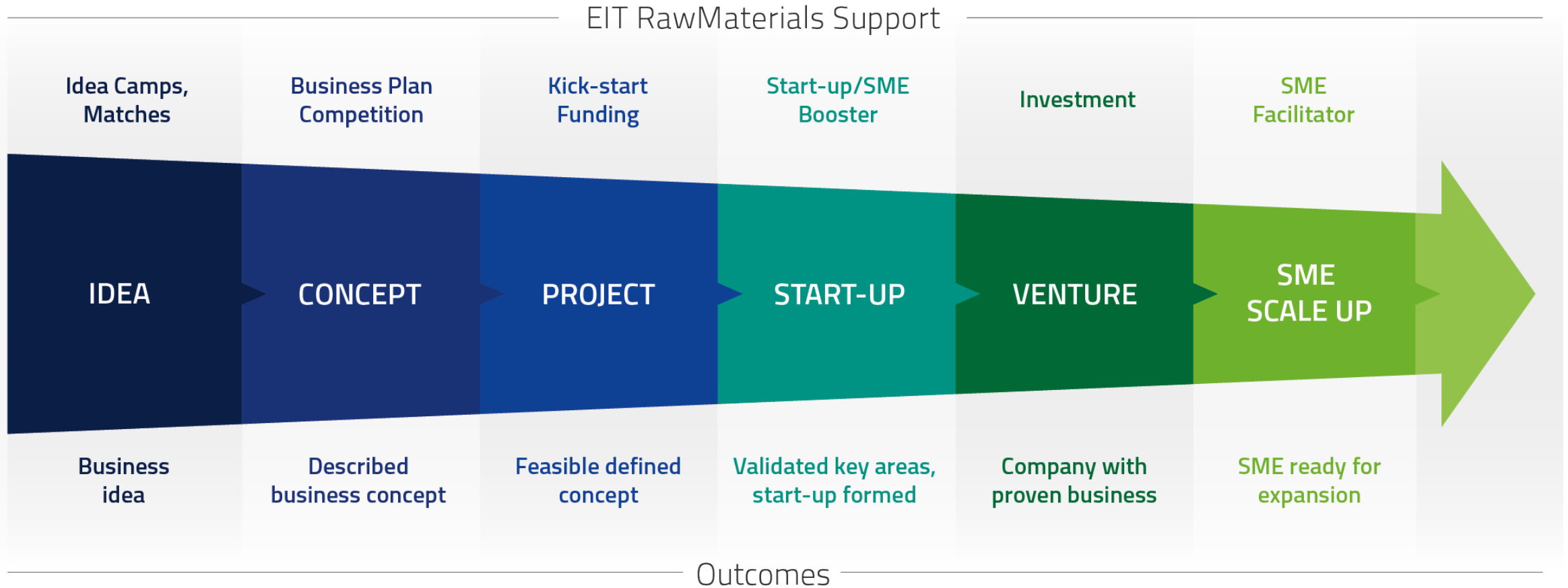
How?

- Business Plan Competition
- Booster Funding
- Hands-on Support / Consulting
- Access to networks & services
- Participation in Upscaling projects

EIT RawMaterials · Knowledge and Innovation 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 for optimised performance
- Design of products and services for the circular economy

EIT RawMaterials · Support along the Innovation Funnel



EIT RawMaterials · Business Idea Competition 2016

Business Ideas Competition to support up to 10 innovative ideas in Raw Materials | 60 business ideas submitted

First position – STARS, Elza Bontempi (Italy)

- “Stabilized fly ash by waste silica for flame Retardants . plastic composite”
Prize of € 20.000



Second position – Aero-CDW, Francisco Ruiz, France

- “Conversion of Construction and Demolition Waste into Aerogels for New Buildings and Retrofits”
Prize of € 10.000



Third position – GREENGO, Volodymyr Khranovskyy, (Sweden)

- “GREEN Graphite for energy storage”
Prize of € 5.000



The poster features a background of blue and orange sparks. At the top left is the EIT RawMaterials logo with the tagline 'Connecting matters'. The main text reads 'Business Ideas Competition in Raw Materials' in white and yellow. Below this, it states 'Deadline to participate: 24 October 2016' and '45,000 euros in prizes'. At the bottom, it provides the website 'www.eitrawmaterials.eu' for more information and submissions.



BUSINESS IDEA COMPETITION

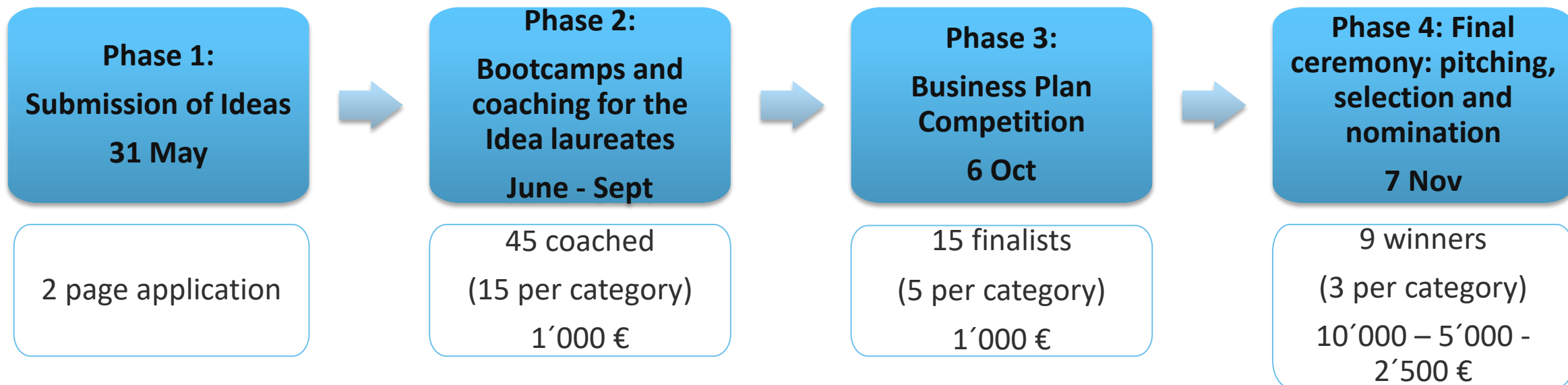
Deadline: 10 June 2017
Prizes: 112.500 Euro

Apply here: eitrawmaterials.eu/business-idea-competition/2017/



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

EIT RawMaterials · Business Idea Competition 2017 · Details



EU wide competition

- Researchers, PhD, students or research groups
- Professionals, entrepreneurs or idea owners that want to start a company
- Early stage startups – less than 2 years and less than 200k € investment.

3 thematic categories

1. Going beyond discoveries and intelligent mine
2. Optimisation of processes, recycling and circular economy
3. Substitution of critical and toxic materials and for optimized performance

Cross-KIC-EIT RIS Bootcamps · Apply if you have a viable idea!

THE ULTIMATE BUSINESS PLANNING



7-8 JULY @ TARTU (ESTONIA)*

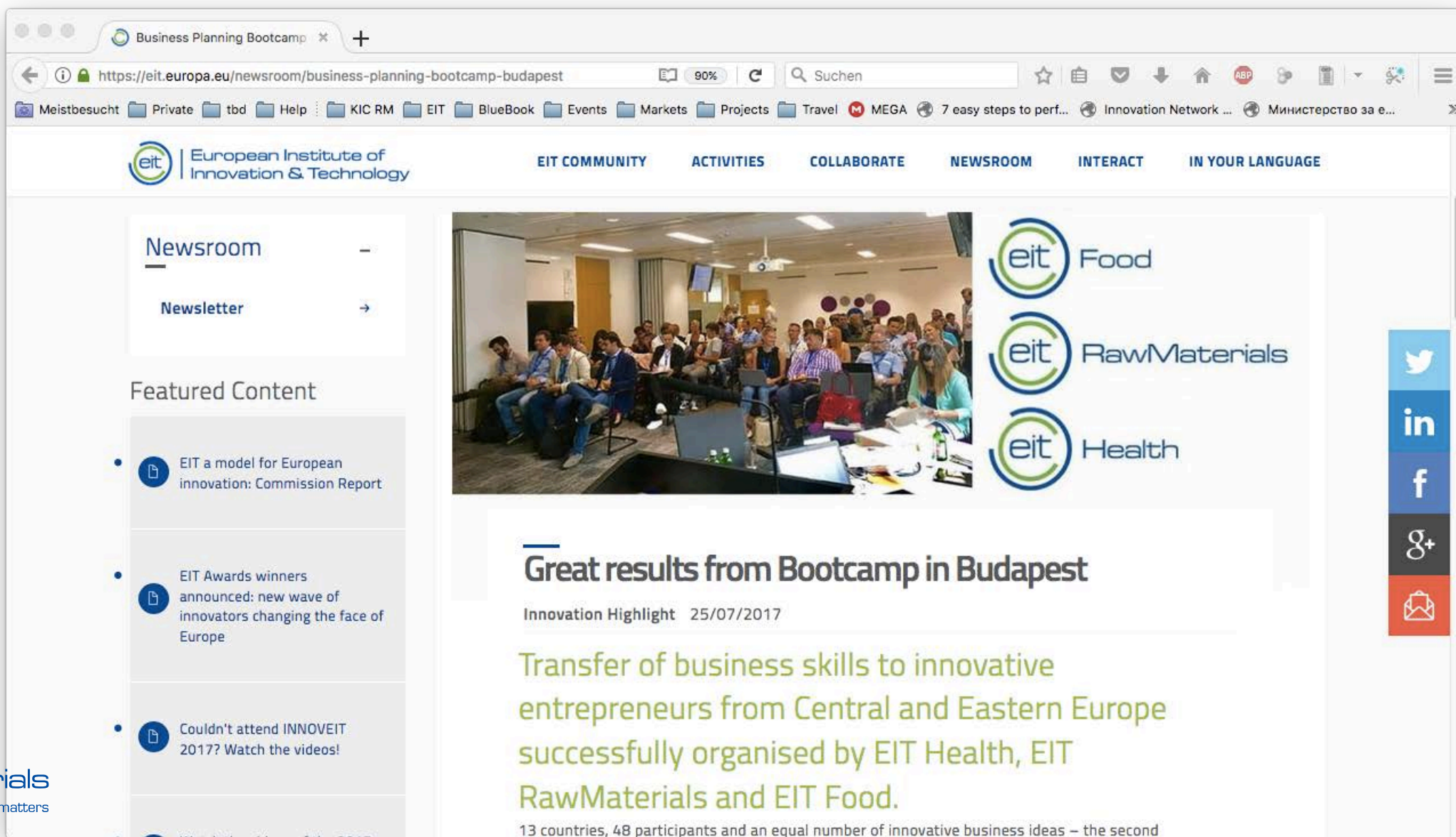
OR

14-15 JULY @ BUDAPEST (HUNGARY)*



LEARN ESSENTIAL SKILLS TO CREATE A BUSINESS CASE

Cross-KIC-EIT RIS Bootcamps · Successful Joined Activities



The screenshot shows a web browser window displaying the EIT Newsroom page. The URL is <https://eit.europa.eu/newsroom/business-planning-bootcamp-budapest>. The page features a navigation menu with links for EIT COMMUNITY, ACTIVITIES, COLLABORATE, NEWSROOM, INTERACT, and IN YOUR LANGUAGE. On the left, there is a sidebar with 'Newsroom' and 'Newsletter' links, and a 'Featured Content' section with three items:

- EIT a model for European innovation: Commission Report
- EIT Awards winners announced: new wave of innovators changing the face of Europe
- Couldn't attend INNOVEIT 2017? Watch the videos!

The main content area features a large photograph of a group of people in a meeting room. To the right of the photo are three EIT logos for 'Food', 'RawMaterials', and 'Health'. Below the photo is the article title 'Great results from Bootcamp in Budapest' with a sub-headline 'Innovation Highlight 25/07/2017'. The article text reads: 'Transfer of business skills to innovative entrepreneurs from Central and Eastern Europe successfully organised by EIT Health, EIT RawMaterials and EIT Food.' At the bottom, it states: '13 countries, 48 participants and an equal number of innovative business ideas – the second'.

Cross-KIC-EIT RIS Bootcamps · Impressions from Tartu | July 2017



Cross-KIC-EIT RIS Bootcamps · Participants in Budapest | July 2017



e.g. BioGold · Environmentally friendly leaching agent from waste-water

Utilization of waste mining water with high sulphide and sulphate content such as Acid Mine Drainage to produce environmentally friendly leaching agent by means of bacteria metabolism with further application in precious metals leaching

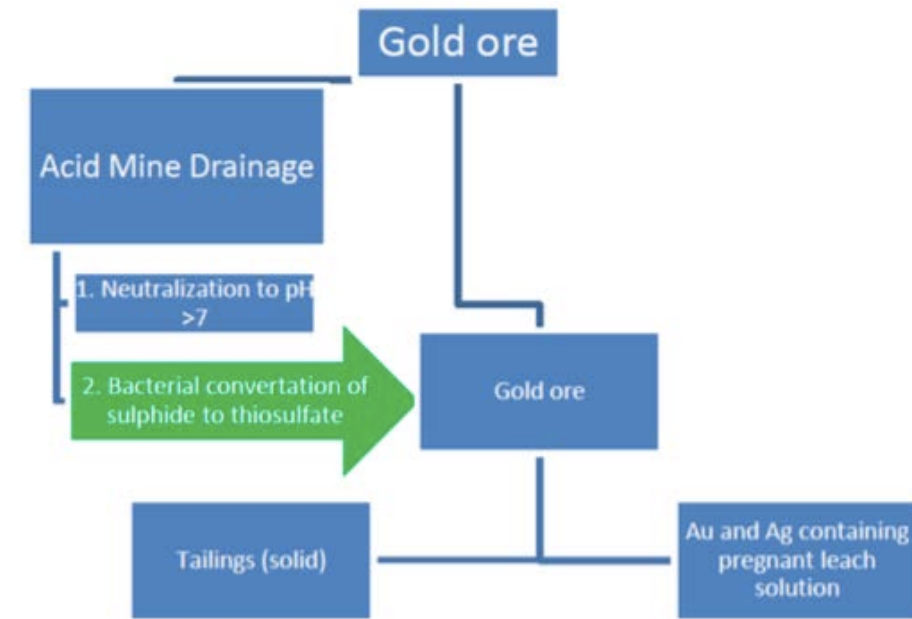
EIT RawMaterials Business Idea Competition 2017

EIT RawMaterials Scope

- “Substitution of critical and toxic materials in products and for optimized performance”

EIT RawMaterials Support

- Participation in x-KIC Bootcamp Budapest July 2017
- Connected to and employed by one of the KICs research partner in Germany
- Investigation on an application for an upscaling project



BioGold leaching flowsheet

EIT RawMaterials · Start-Up and SME Booster Call 2017



START-UP AND SME BOOSTER CALL

Apply here: eitrawmaterials.eu/booster-call-2017/



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

EIT RawMaterials · (Supported) Start-Up and SME portfolio 2016



CLC East · Supported Start-Ups and SMEs in 2016

Co-Location Center East

CASSANTEC

Cassantec prognosticates future malfunctions of industrial processes. Its advanced prognostic capabilities are based on stochastic process modeling and analysis provided through Industrial Engineering and Operations Research. The Cassantec Prognostic Report enables asset operators to understand when in the future a malfunction is likely to occur.

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FerroDecont offers solutions for the reclamation of existing waste deposits and for the treatment of heavy metal contaminated industry and process water. The modular process concept can be implemented into an existing process or used as a stand-alone variation in the form of a flexible, mobile container system.

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CLC East · Supported Start-Ups and SMEs in 2016

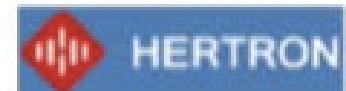
FesiLeg

FesiLeg utilizes two waste streams, red mud and waste silicon, to recover a new valuable and competitive resource, ferrosilicon via a silicothermic reduction of ironoxid. This technology offers the possibility to add other metal-oxides as chromium, nickel, titanium, vanadium and others, which are also reduced by silicothermic reaction, in order to obtain ferrosilicon alloys with these metals.

Contact:
Daniel Weile
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Co-Location Center East



HERTRON is a supplier for integrated process control solutions for mining, special underground and mechanical engineering applications. Its focus is on outdoor process control solutions, combining all necessary components, offering a tailor-made modular control system from one source.

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CLC East · Supported Start-Ups and SMEs in 2016

RecyPhos

RecyPhos offers a new technology to make the European agriculture industry independent from phosphorus fertilizers, which are imported to the European Union. The basic idea is to create alternative organic phosphate based products (fertilizers & universal soil) from biogas fermentation residue. The core technology to create these fertilizers is a treatment method of the residue (patent submitted).

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SigmaPowders

SigmaPowders develops new spheroidization techniques to produce unique spherical metal alloys powders based on recycled materials. The company intends to focus on production of spherical powders, primarily titanium, from industrial scraps for special applications incl. Additive Manufacturing (AM).

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Co-Location Center East



CLC East · Supported Start-Ups and SMEs in 2016

Co-Location Center East



SISPROBE offers state-of-the-art, source-free, cable-free, multi-component 3D seismic imaging solutions for global applications. They are fast, cheap and efficient. Results are delivered in few months using naturally occurring ambient seismicity in the earth, thus they have a huge bottom line impact.

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Talpasolutions provides condition monitoring and underground orientation based on sensor data of machines. Instead of losing time by collecting and verifying dispersed information and suffering from costly technical downtimes, talpasolutions' platform service – assetanalytics – offers communication, analysis and collaboration for fast and actionable insights.

Contact:
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www.talpasolutions.eu



e.g. FesiLeg · Solar cell recycling; production of ferrosilicon

FesiLeg utilizes two waste streams, red mud and waste silicon (mainly of-cycle solar panels or dried saw slurry), to recover a new valuable and competitive resource, ferrosilicon ... via a silicothermic reduction of ironoxid.

EIT RawMaterials Start-up Booster Program

- Pushing the solution from TRL3 to TRL5 and development of a business plan in order to enable a spin-off

EIT RawMaterials Scope

- “Recycling and material chain optimization for End-of-Life products”
- “Substitution of critical and toxic materials in products and for optimized performance”



- Application in open Start-Up Booster call at ECLC
- Final Pitch Sept. 29th, remote
- Funding: 50k€, only by EIT RawMaterials
- Project Duration: 01/01/2017-31/12/2017

e.g. Cassantec · Prognostics for Conditioned Based Maintenance

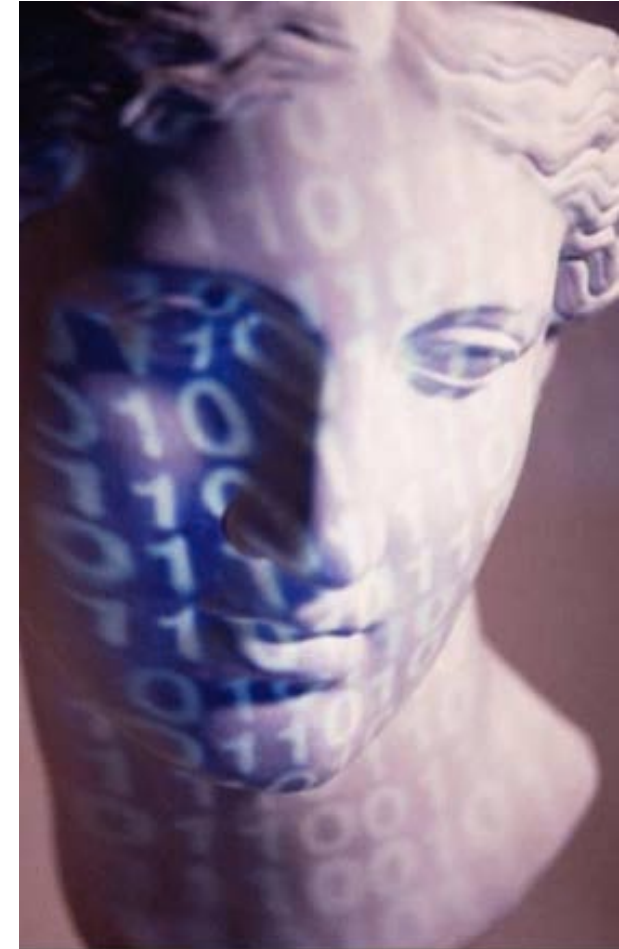
Cassantec prognosticates future malfunctions. It's advanced prognostic capabilities are based on stochastic process modelling and analysis provided through Industrial Engineering and Operations Research.

EIT RawMaterials SME Booster Program

- Streamline the configuration process and automate the technology set-up to form the basis for executing Cassantec's strategy of entering the mining industry

EIT RawMaterials Scope

- "Mining in challenging environments"
- "Increased resource efficiency in mineral and metallurgical processes"
- Application in open SME Booster call at ECLC
- Final Pitch Sept. 29th, remote
- Funding: 60k€, only by EIT RawMaterials
- Project Duration: 01/10/2016-31/12/2016



RCG · Possible Business Creation & Support Activities in Greece ?!



- Business Idea Competition
- Business Plan Competition
- Hands-on Support / Coaching
- Access to networks, services and projects
- Financial Support
- Bootcamps
- Accelerator Programs
- Booster Funding
- Kick-Start-Funding
- Linking with Partners / Access to networks & services
- Participation in Upscaling projects
- X-KIC-Competition and Services
- ...



RawMaterials

Connecting matters

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