



RawMaterials
Connecting matters

EIT RawMaterials

Innovation & Entrepreneurship
durch Wissenstransfer
im Wissensdreieck

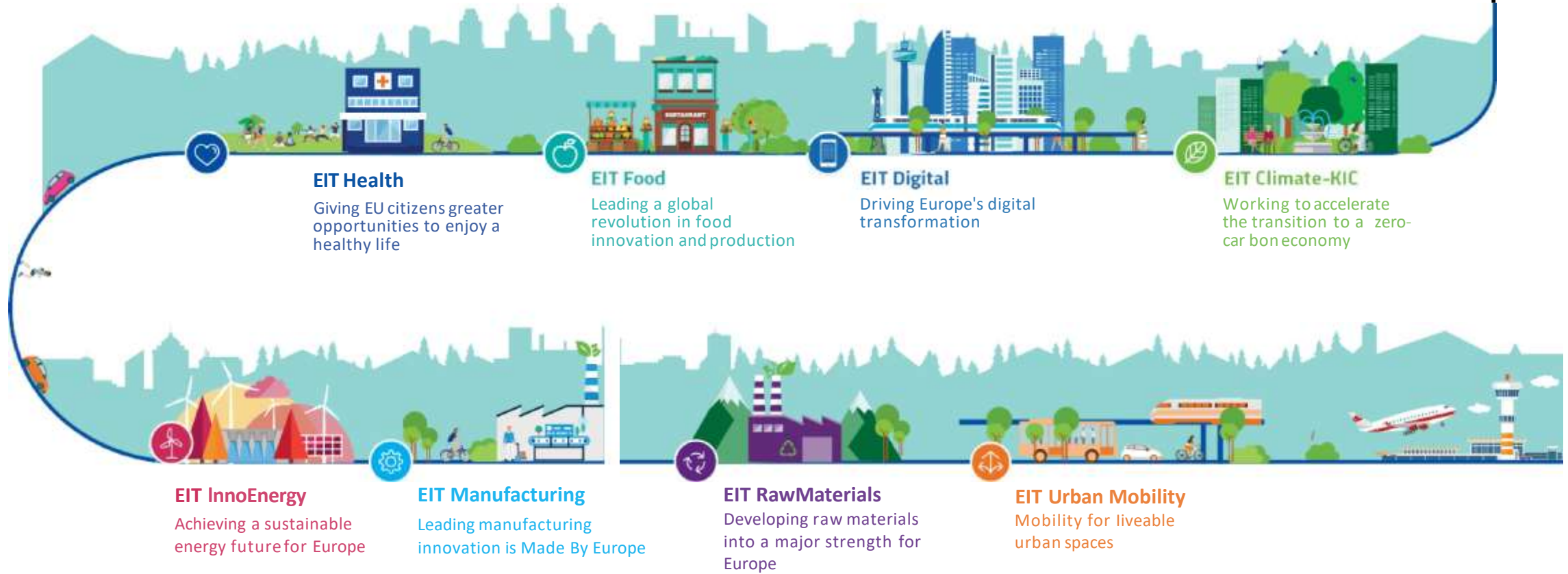


EIT RawMaterials is supported by the EIT,
a body of the European Union

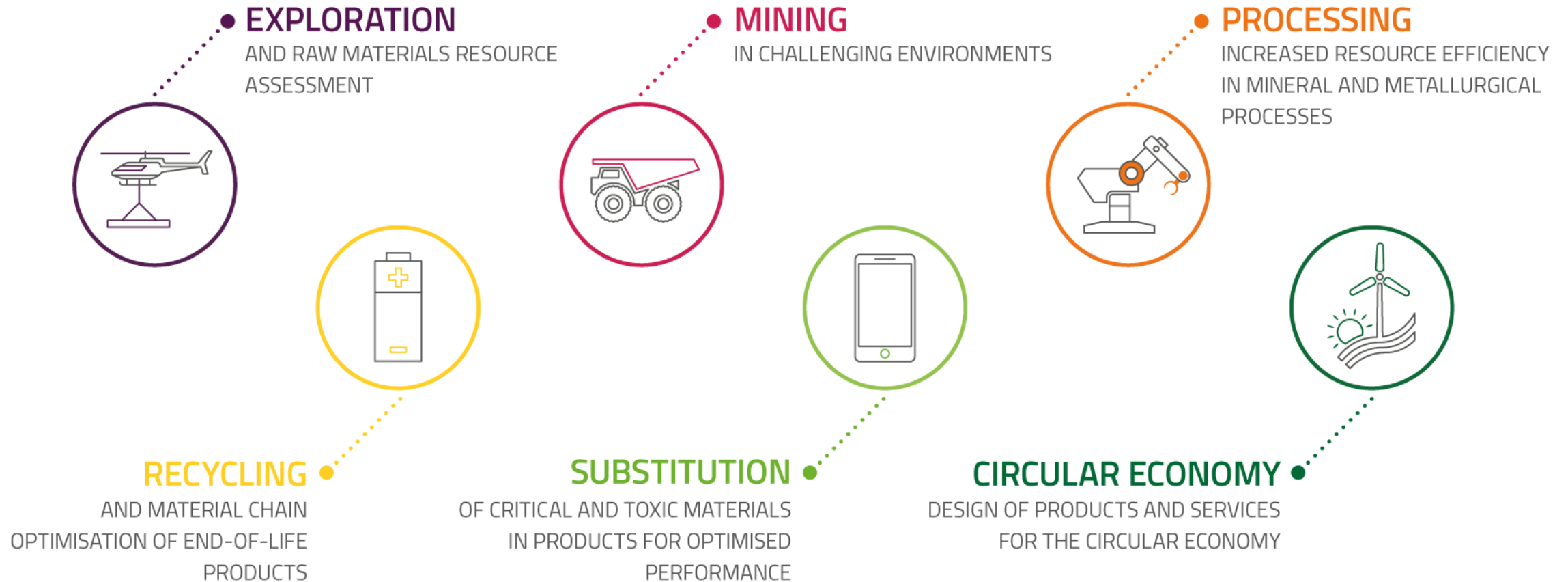
Background



EIT – Innovation Communities



EIT RawMaterials – Innovation Themes



EIT RawMaterials – Overview



- Countries covered by EIT RawMaterials
- EU countries
- Innovation Hub (Co-Location Center)
- RIC (Regional Innovation Center)
- RIS HUB (Regional Innovation Scheme)

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

EIT RawMaterials – Business Creation (key numbers 2016-2018)



EIT RawMaterials – Education (key numbers 2016-2018)



1550+

Students in
higher education



40+

Nationalities
represented



3653+

School pupils
participated



312

Alumni members



8 MOOCs

Developed by EIT RawMaterials
Academy & partners

Master and PhD Education

7

EIT Labelled
Master and PhD programmes

234

EIT Labelled PhD and
Master students enrolled

RM@Schools & Junior Achievement

73

Events

15

Countries

252

Number of schools

RM University Days

9

Events

Zagreb, Padova, Milan,
Tallinn, Wroclaw, Leoben,
Leuven, Madrid, Lund

3000+

Number of participants

EIT RawMaterials – Industry Partners



EIT RawMaterials – Research & Technology Partners



EIT RawMaterials – University Partners

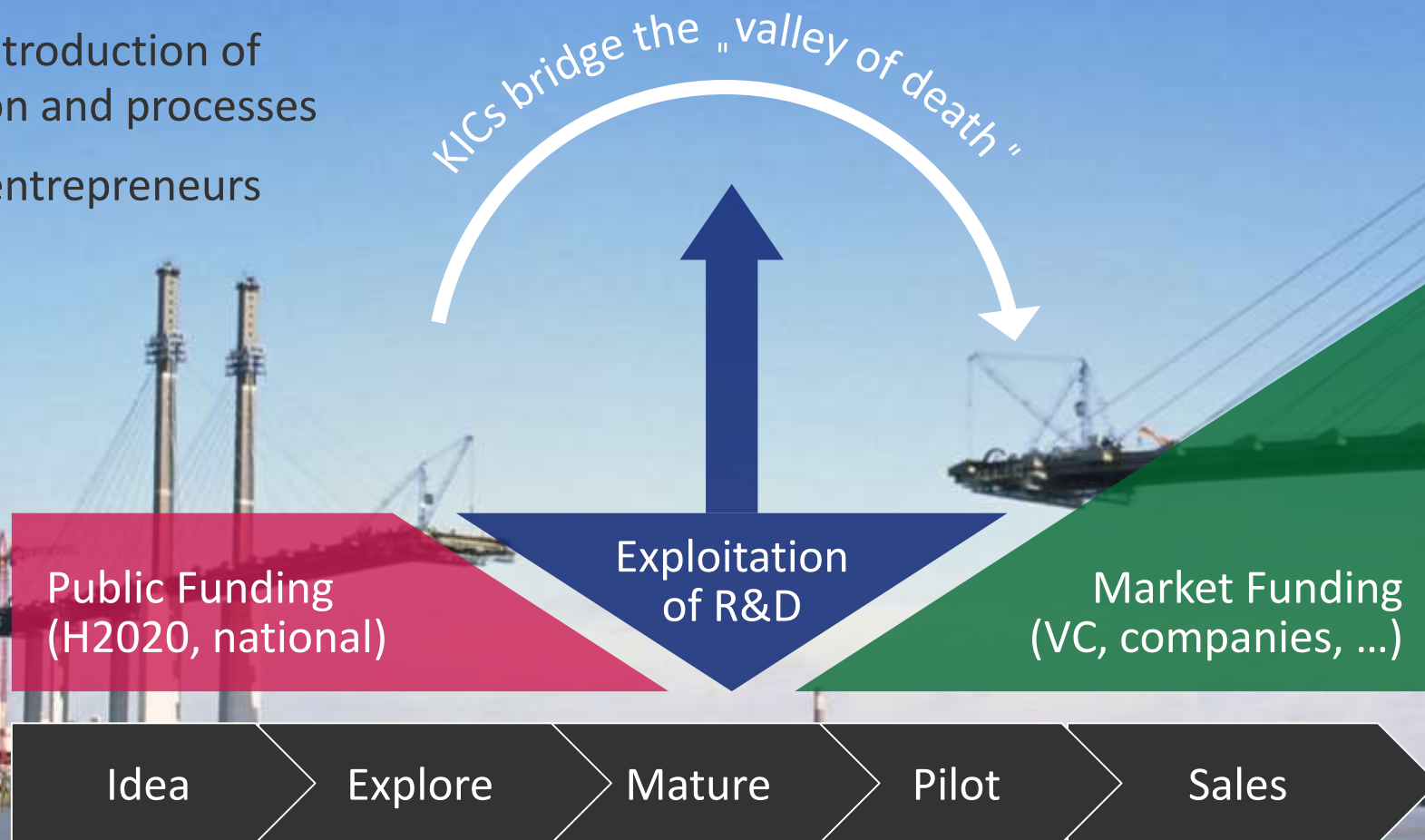




Theory

EIT RawMaterials – Bridging the valley of death

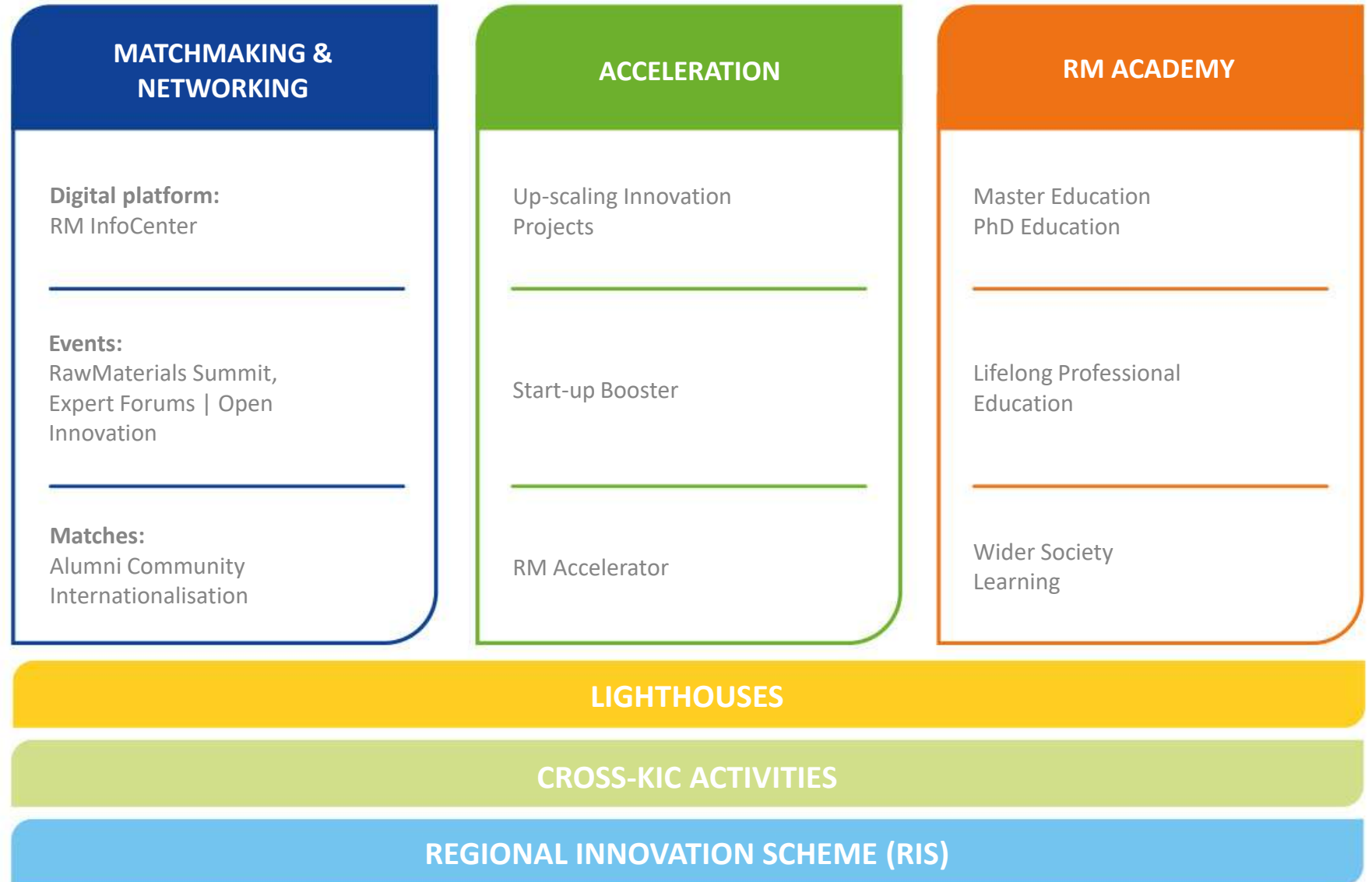
- Bridging the valley of death
- Market introduction of production and processes
- Educate entrepreneurs



Practise



EIT RawMaterials – Activities

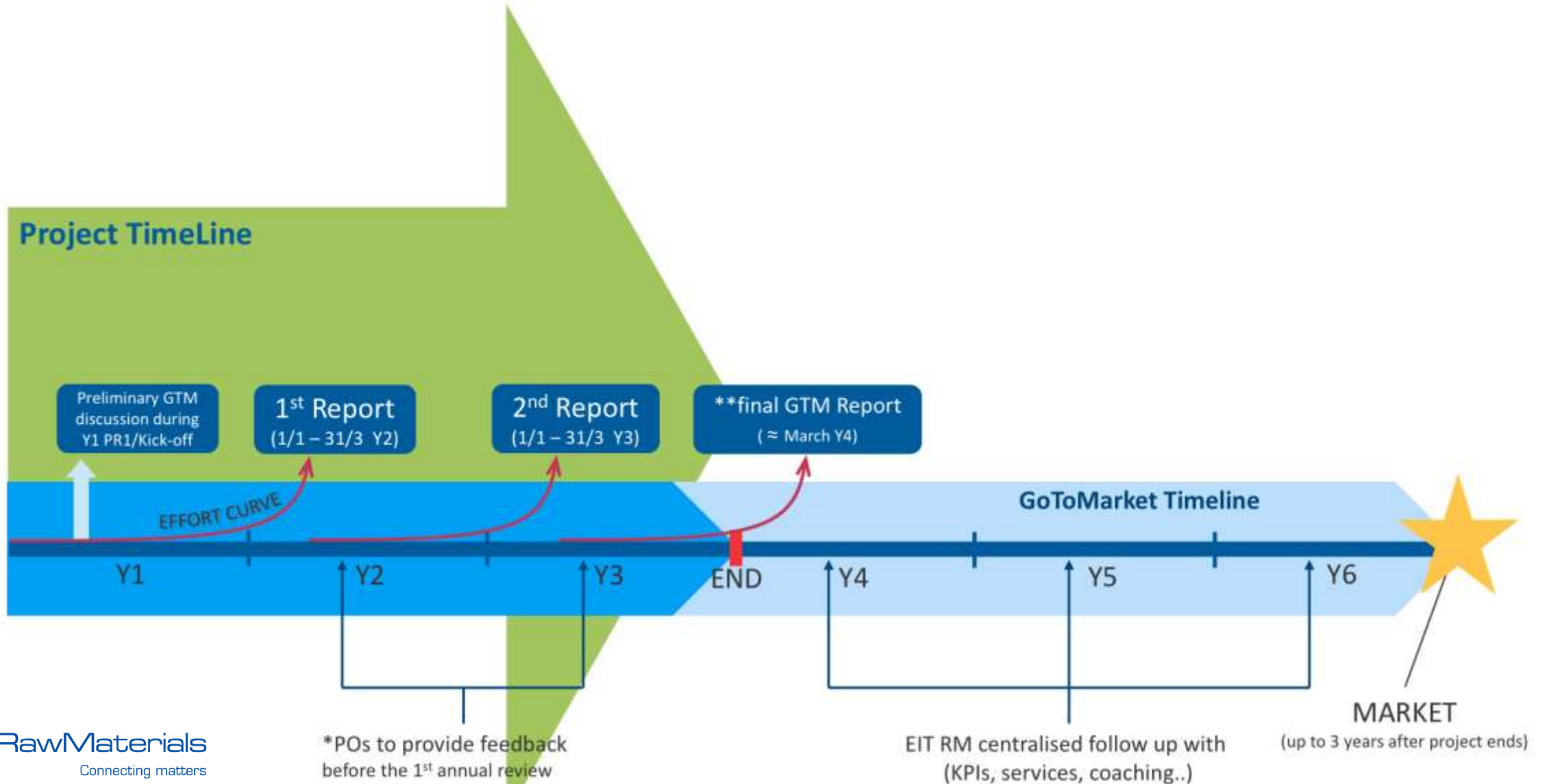


EIT RawMaterials – Up-scaling Innovation Projects

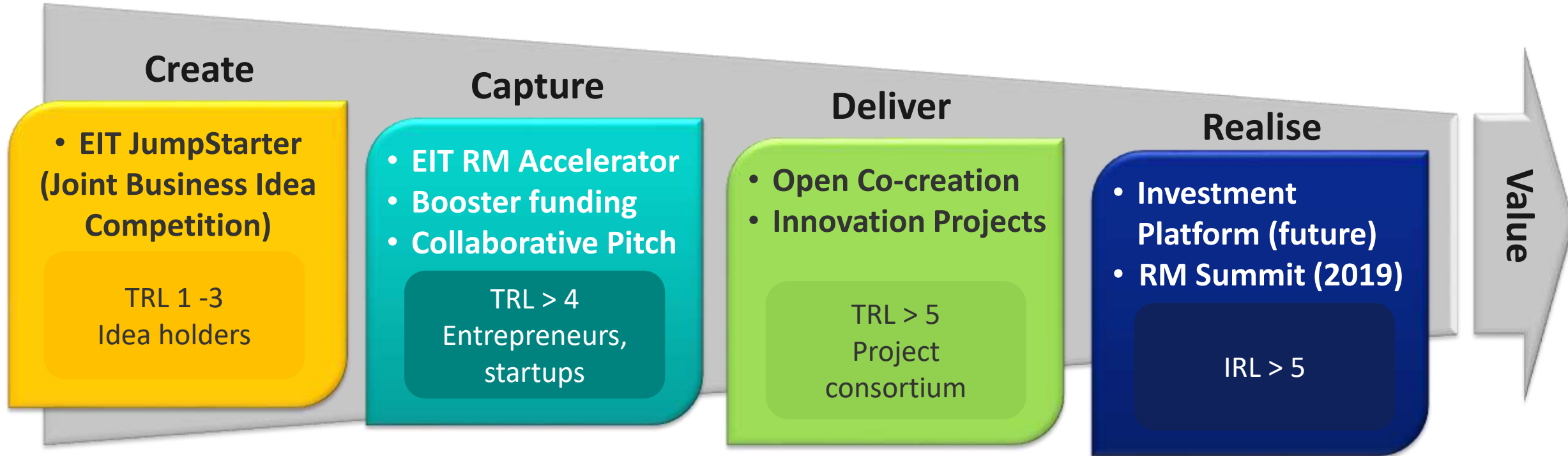
Upscaling projects are innovation projects based on validated technologies that need additional step(s) for up-scaling, demonstration or implementation. The objective is to bring the technology to market, as a product, service or process.

- The technology must be at Technology Readiness Level (TRL) of at least 5 at the beginning.
- At the end of the project, the technology is expected to have reached a TRL of at least 7.
- Upscaling projects must aim for market introduction and/or a commercial use within 3 years (or less) after the end of project.
- The project consortium must consist of a minimum of 3 KIC Core or Associate Partners, coming from a minimum of 2 different CLCs and a minimum of 2 different countries
- The project consortium must include KIC partners from at least 2 sides of the knowledge triangle (education, research, industry/business)
- A go-to-market strategy has to be included in the proposal as Work Package 0 (WP0). WP0 will be updated throughout the duration of the project and enable go/no-go decisions following annual reviews.

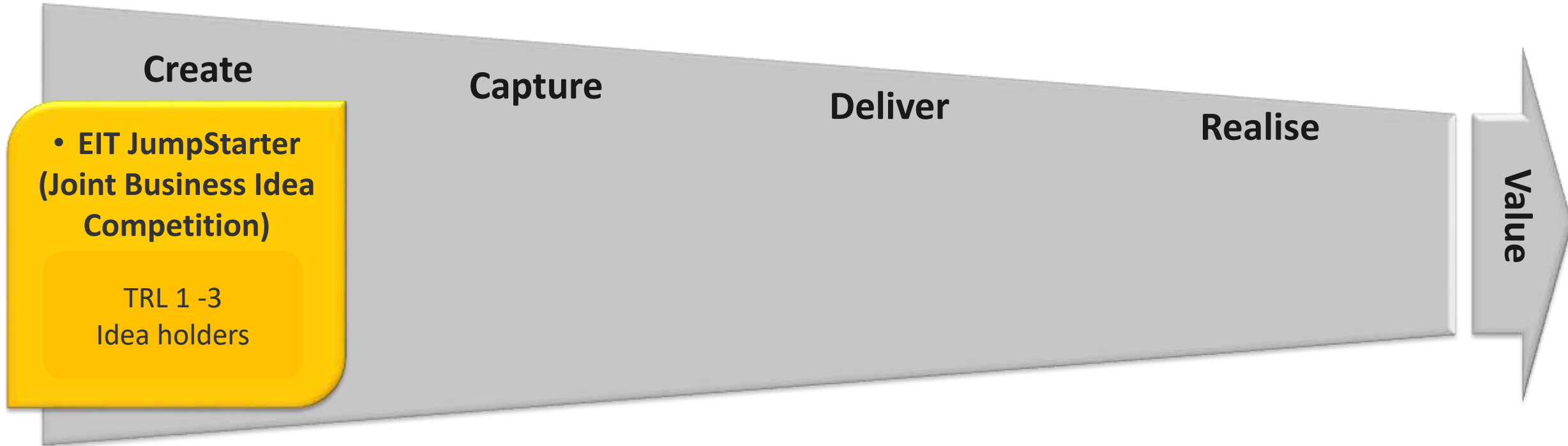
EIT RawMaterials – Go-to-market WP for Upscaling projects



EIT RawMaterials – Start-up Support – From Idea to Market



EIT RawMaterials – Start-up Support – From Idea to Market



EIT RawMaterials – (joined) Jumpstarter Program

EIT 2020 Jumpstarter

Do you have an innovative idea and want to jumpstart your business?



If you want to bring your idea out of the lab and onto the market, earn fundamental entrepreneurial skills and validate your innovative idea and jump-start your business, apply today to EIT Jumpstarter.



Is it for me?

If you are an innovator in the following domains: healthcare, agri-food sector, raw materials, sustainable energy, urban mobility, manufacturing.



What is in it for me?

Through the program you will receive support from the best-in-class mentors and have a chance to win up to **€ 10 000.**

Applications close on: **March 15th / 2020 / 17h CET**



Apply through:

<https://www.lyyti.fi/reg/Jumpstarter-2020>

Jumpstarter 2018 – Bootcamp Budapest

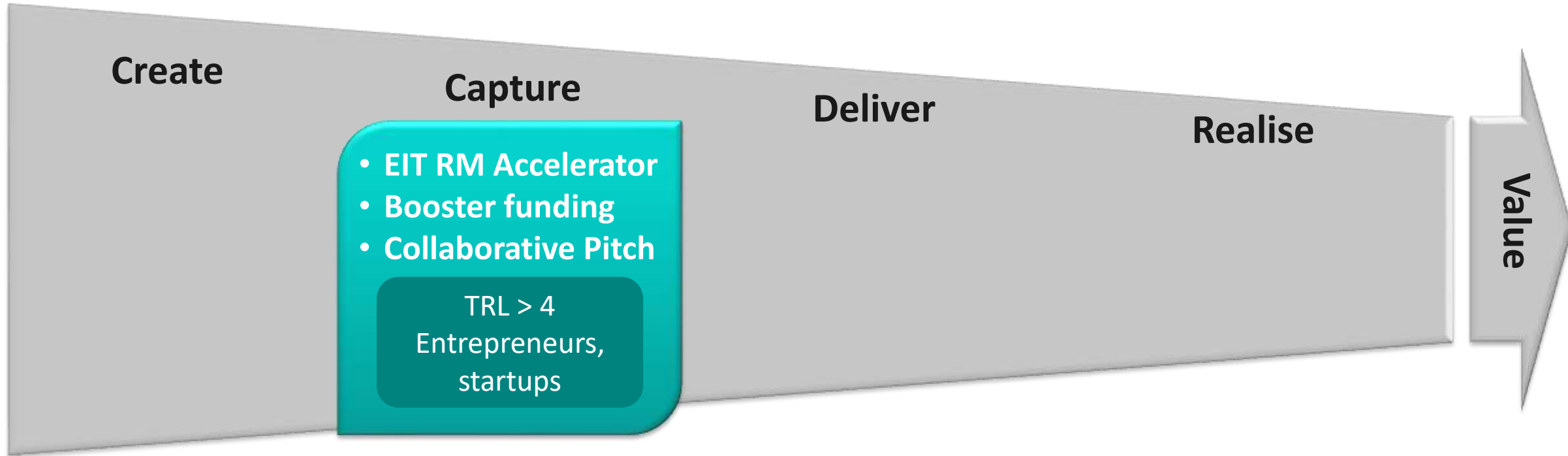


Jumpstarter 2018 – Bootcamp Budapest

EIT RawMaterials – Jumpstarter Program Structure



EIT RawMaterials – Start-up Support – From Idea to Market



EIT RawMaterials – Start-up Accelerator Program



Start-up Accelerator
Fast-track your business!



**Phase 1:
Invent**

Bootcamp training on business essentials,
3 months, €15K funding



**Phase 2:
Build**

Customer validation, testing, advanced training, coaching,
3-6 months, €30K funding



**Phase 3:
Grow**

Business development, tailored services,
9 months, €45K funding



Graduation Days, EIT RM Accelerator program Phase 1 in Berlin 2018

EIT RawMaterials – Start-up Booster Funding



START-UP BOOSTER AND SME CALL

The Call 2019 is open throughout the year with the deadlines:

15 MARCH | 14 JUNE | 20 SEPTEMBER



 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



EIT RawMaterials – Start-up Booster Funding – Details

Call main rules

- Financial support of up to a maximum amount of 60,000 €
- Start ups should be incorporated and at minimum TRL 4
- Duration within the calendar year

“Start-up & SME Booster Program” projects targets:

- 1. Proof of concept or feasibility study**
- 2. Build or expand Intellectual Property**
- 3. Customer validation or pilot testing.**
- 4. Expand the market and reach global scale**

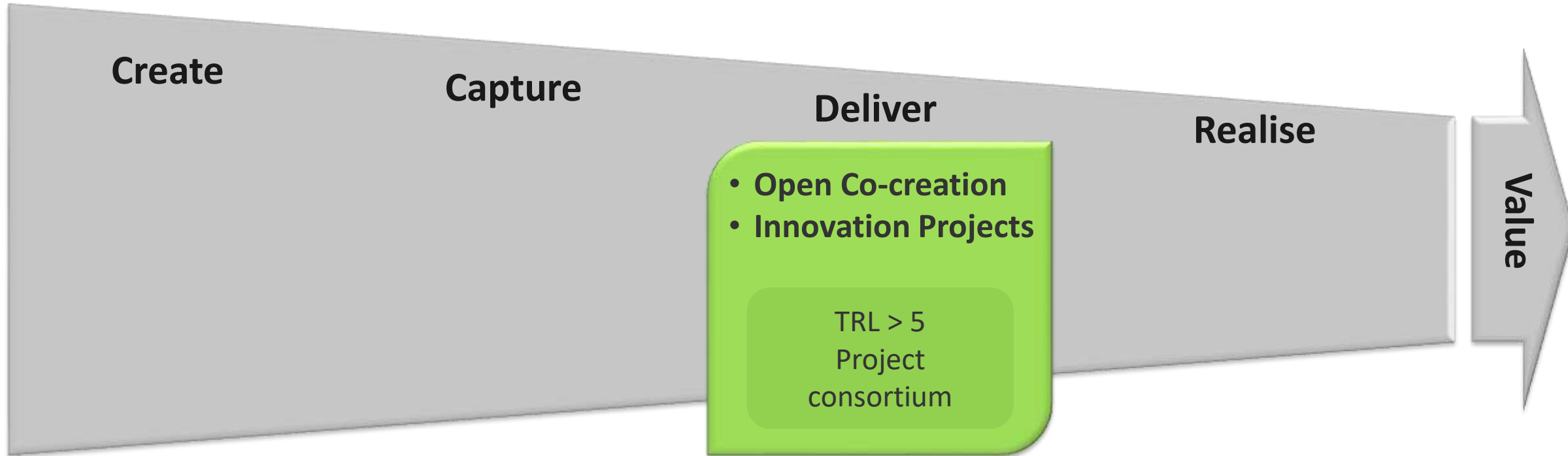
Backflow models

1. Revenue sharing
2. Equity

Overall services

- Funding
- Coaching
- Member of EIT RM network and startup portfolio
- Access to Matchmaking & Networking events
- Reach out and collaborate with EIT RM Partnership
- Branding, promotion and broad communication of startup
- Access to pan-European start-up ecosystem and tools dedicated to the Raw Materials sector

EIT RawMaterials – Start-up Support – From Idea to Market



EIT RawMaterials – Start-ups involved in Innovation Projects

Project name	CLC Lead	Startup name
Bioleach	East	ekolive s.r.o. (East)
RIS-CuRE	East	ekolive s.r.o. (East)
UNDROMEDA	East	Inkonova AB (North)
HoloMine	East	RoboticEyes GmbH (East)
FARMIN	North	RoboticEyes GmbH (East)
SmartHub	West	Talpasolutions GmbH (East)
Recover	West	ResourceFul BVBA (West)
Flame	West	Value Ash NV (West)



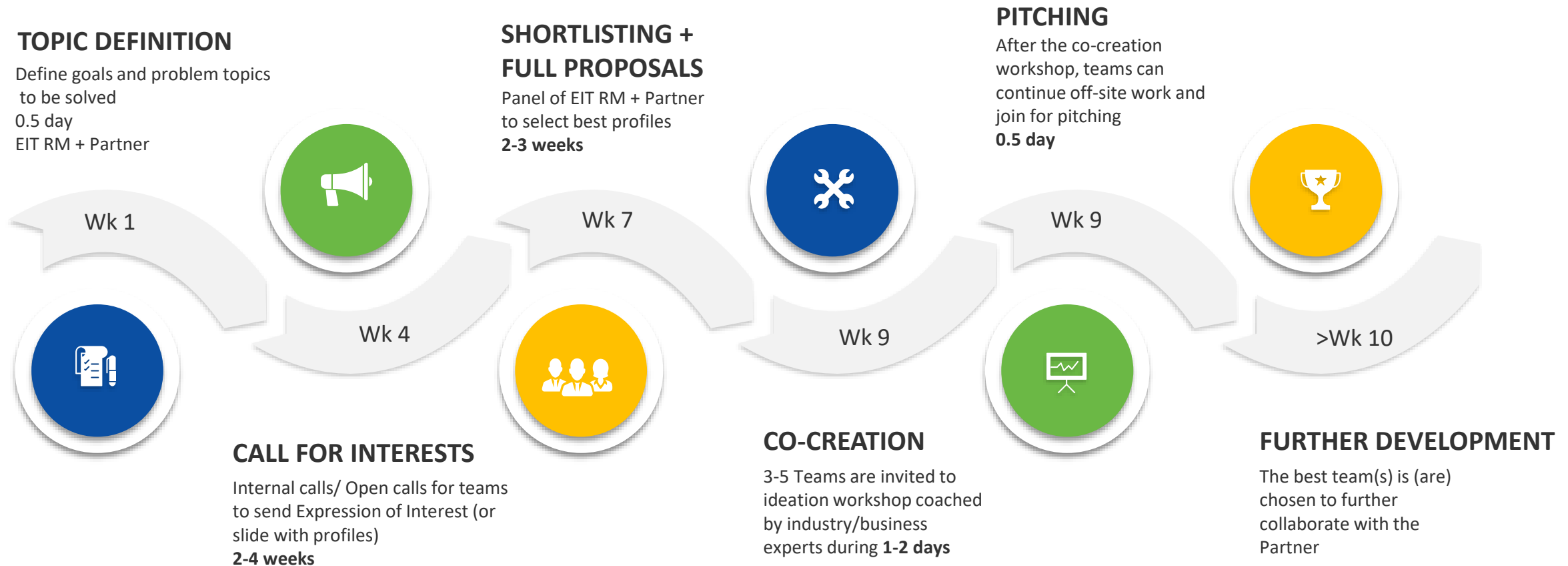
RawMaterials

Connecting matters

EIT Raw Materials Innovation Day at BASF September 2018, Ludwigshafen

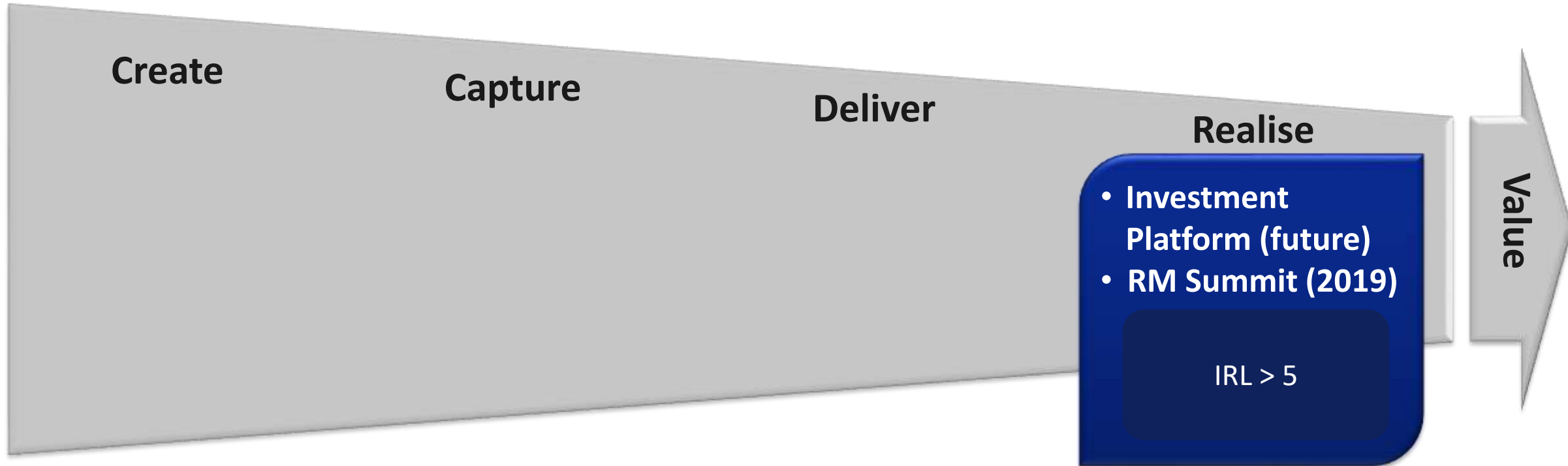


EIT RawMaterials – Open co-creation – Industry Hackathon Process





EIT RawMaterials – Start-up Support – From Idea to Market





RAW MATERIALS SUMMIT 2019

Connecting Innovation in the Raw Materials Sector

20 - 22 MAY 2019, BERLIN

[#RMSummit2019](#)

- **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



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EIT RawMaterials – Investor Outreach @ RawMaterials Summit 2019

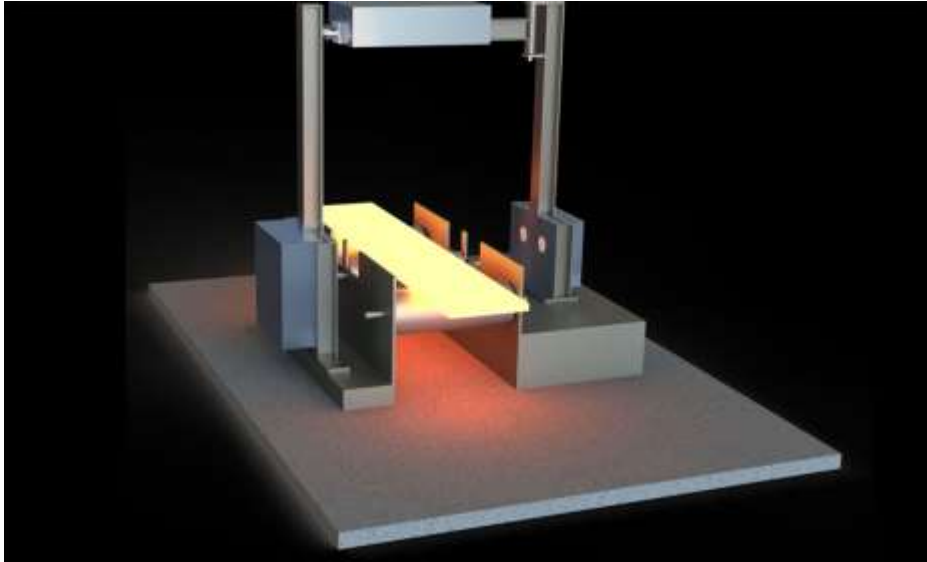


RAW MATERIALS SUMMIT 2019

CONNECTING INNOVATION
IN THE RAW MATERIALS SECTOR

20-22 MAY 2019, BERLIN

#RMSummit2019 #ConnectingMatters



About

mecorad GmbH offers customers producing hot-rolled steel and metals higher quality of products at lower production costs by using a radar-based plant digitalization solution.

Status

Incorporated Company
founded in 2018.
Based in Cologne/Germany
#Employees: 3

First Pilot applications
running at pilot customers

Achievements

Negotiations with Fraunhofer Institute for Machine Tools and Forming Technology & Fraunhofer Venture to license software for process improvements in the metal forming industries.

Growth expectation

- Prime growing plant digitalization partner for harsh industrial environments
- By 2023 55 hardware systems and 119 software applications installed at 19 customer sites
- Turnover of 6.35 Mil. €, EBIT 3.2 Mil. €

Contact:

Dr. Marc Banaszak
phone: +49 174 2478820
e-mail: marc.banaszak@mecorad.com
internet: www.mecorad.com
social: www.linkedin.com/company/mecorad

Team



Dr. Marc Banaszak, CEO
10 years experience in coaching startups & Science-to-Business projects



Cagdas Ünlüer, M.Sc.
5 years industrial experience in planning and developing complex software systems



Andreas Heutz, M.Sc.
5 years industrial experience in developing embedded systems and prototyping

Pilot Customers/Partners





About

ekolive offers an ecological biotechnology for refining locally available, but non-valuable mineral into high-quality raw materials as an on-site service.

Status

New business registration in 2019
 Based in Košice/Slovakia
 #Employees: 3
 Pilot plant established in Slovenia in summer 2019

USP

Full replacement of dangerous and expensive chemical leaching by ecological and economical bioleaching. Non-hazardous processing by natural technology. Zero waste economy, minimal chemicals consumption and reduced overall costs of processing.

Growth expectation

Potential of 100 sand pits with 6 million tons of treatable raw material per annum in whole Europe; same for other treatable minerals. Potential of up to 100 million € p.a.

Contact:

Ing. Darina Štyriaková, PhD
 phone: +421 948 299 345
 e-mail: ekolive@ekolive.eu
 internet: www.ekolive.eu
 social: www.linkedin.com/company/ekolive

Team



Darina Štyriaková, CEO
 PhD in Mineral biotechnologies; 10 years experience in Bioleaching



Marta Prekopová, COO
 PhD in sedimentology; 15 years experience in Deposit evaluation

Pilot Customers/Partners



STÖLZLE GLASS GROUP



info@eitrawmaterials.eu



EIT RawMaterials is supported by the EIT,
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