



Knowledge & Innovation Community on Raw Materials

World Materials Forum
Nancy, 24 June 2015



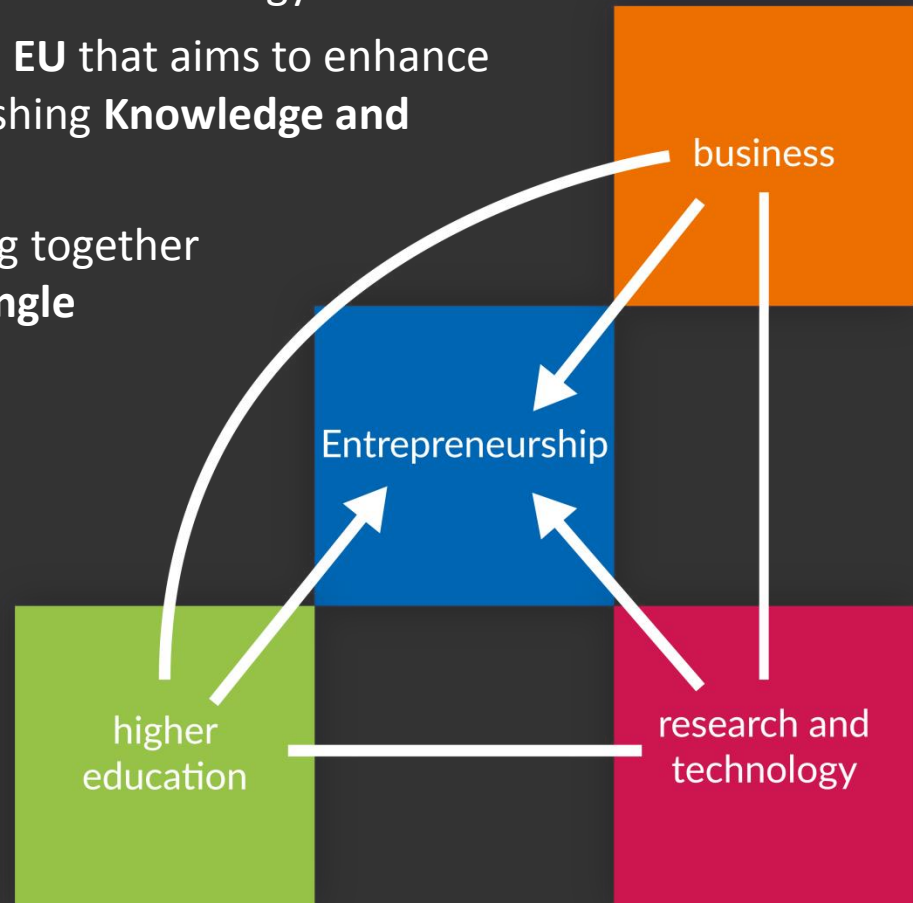
EIT RawMaterials is supported by the EIT,
a body of the European Union





What is the EIT?

- EIT = European Institute of Innovation and Technology
- The EIT is an independent **body of the EU** that aims to enhance Europe's ability to innovate by establishing **Knowledge and Innovation Communities (KICs)**
- The EIT is the first EU initiative bringing together the three sides of the **Knowledge Triangle**
- Founded in 2008, HQ in Budapest



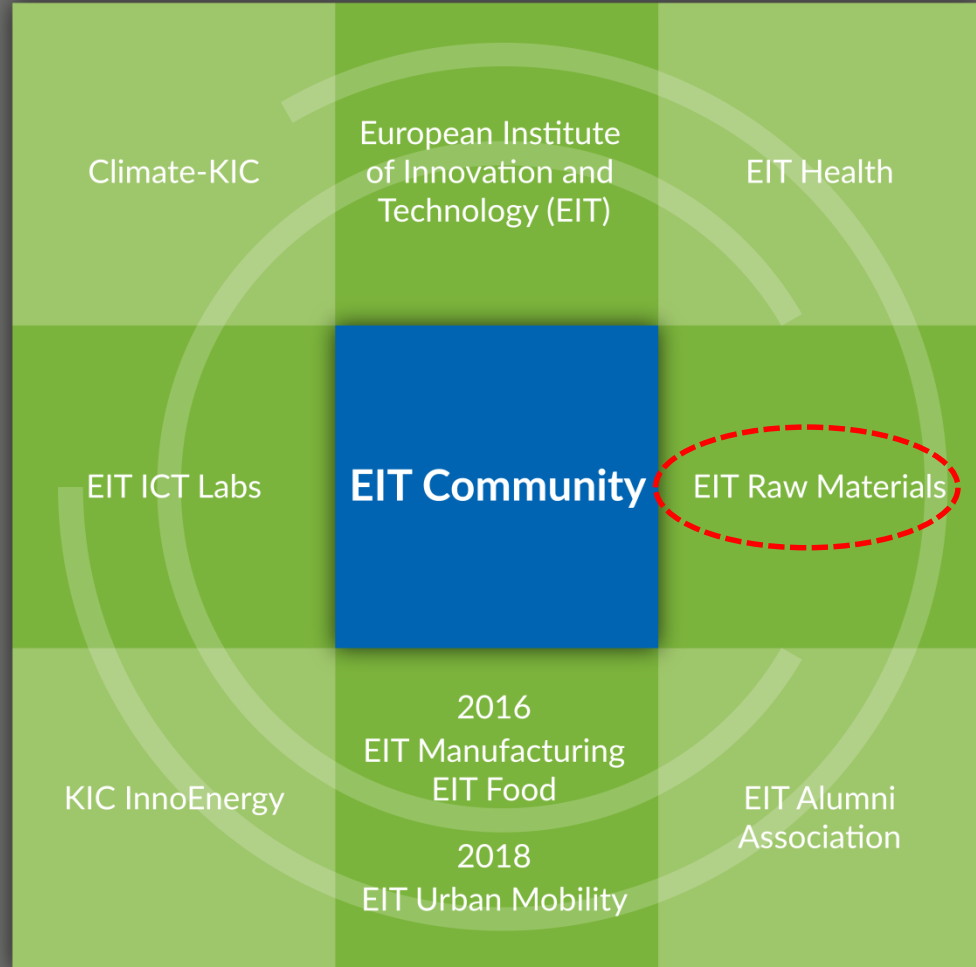


European Union (Innovation Union, Horizon 2020)

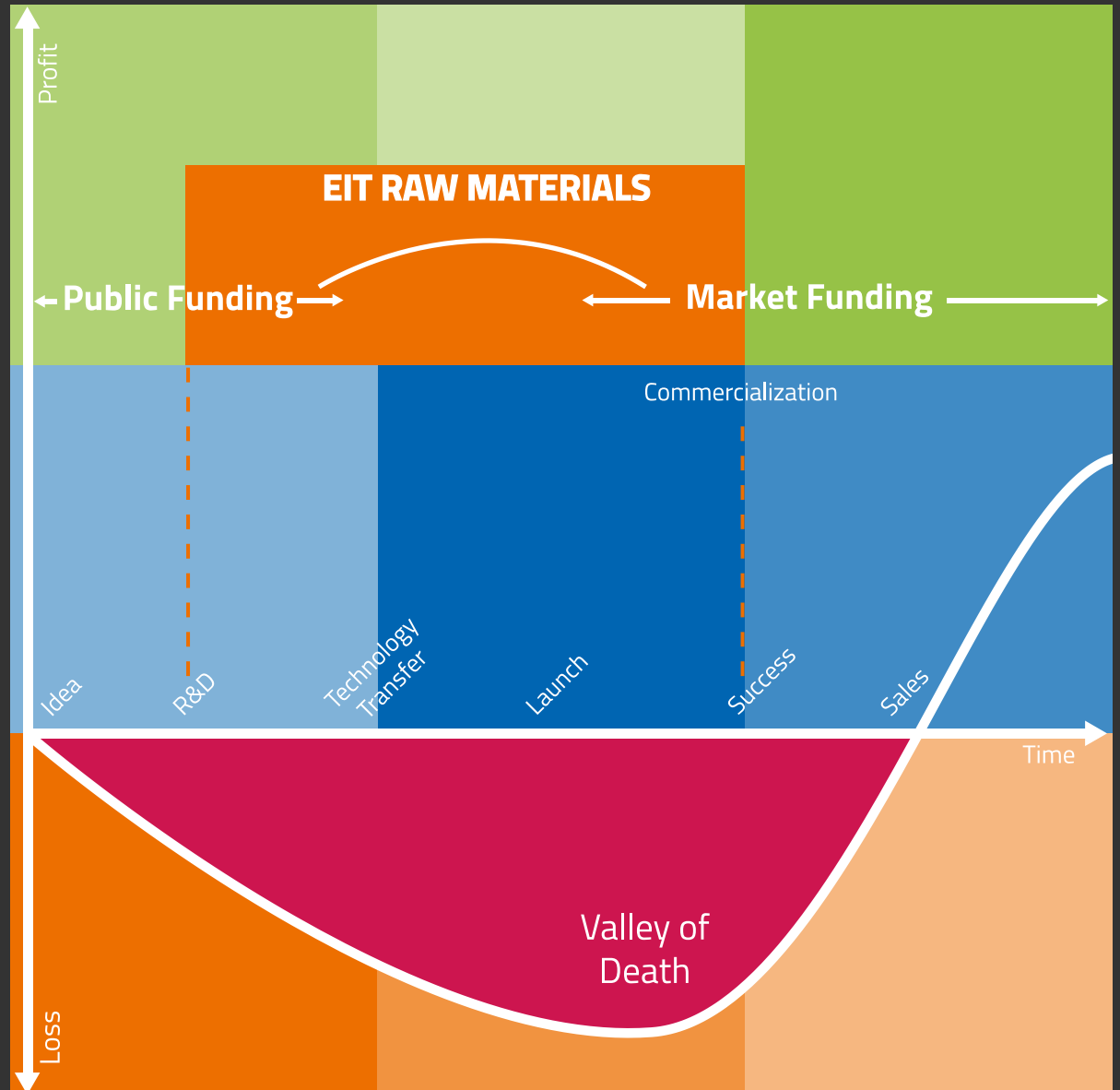
EIT Community

What is a KIC ?

- ◆ Thematic innovation partnership
- ◆ Long term perspective
- ◆ Driven by excellence
- ◆ High degree of integration
- ◆ Innovative products and services, new businesses
- ◆ Focus on entrepreneurial culture and education



What is its purpose?



No classical research funding!

- Leverage: 3:1





- **Who we are**
- **What we will do**



A Pan-European Consortium

Well-balanced consortium with 116 partners

Partners in 22 EU countries with special focus on ESEE

Full coverage of value chains and commodities (especially CRMs)

Business partners represent
>700,000 jobs
>200 billion € turnover

Partners' roles in EIP
RM commitments:
>75% participation
40% coordination



Strategic Objectives and Focus Markets

Mobility



Machinery & Equipment



Raw Materials Sector

1. Securing raw materials supply
2. Designing solutions
3. Closing material loops



ICT

Energy Supply



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



KAVA Activity Groups

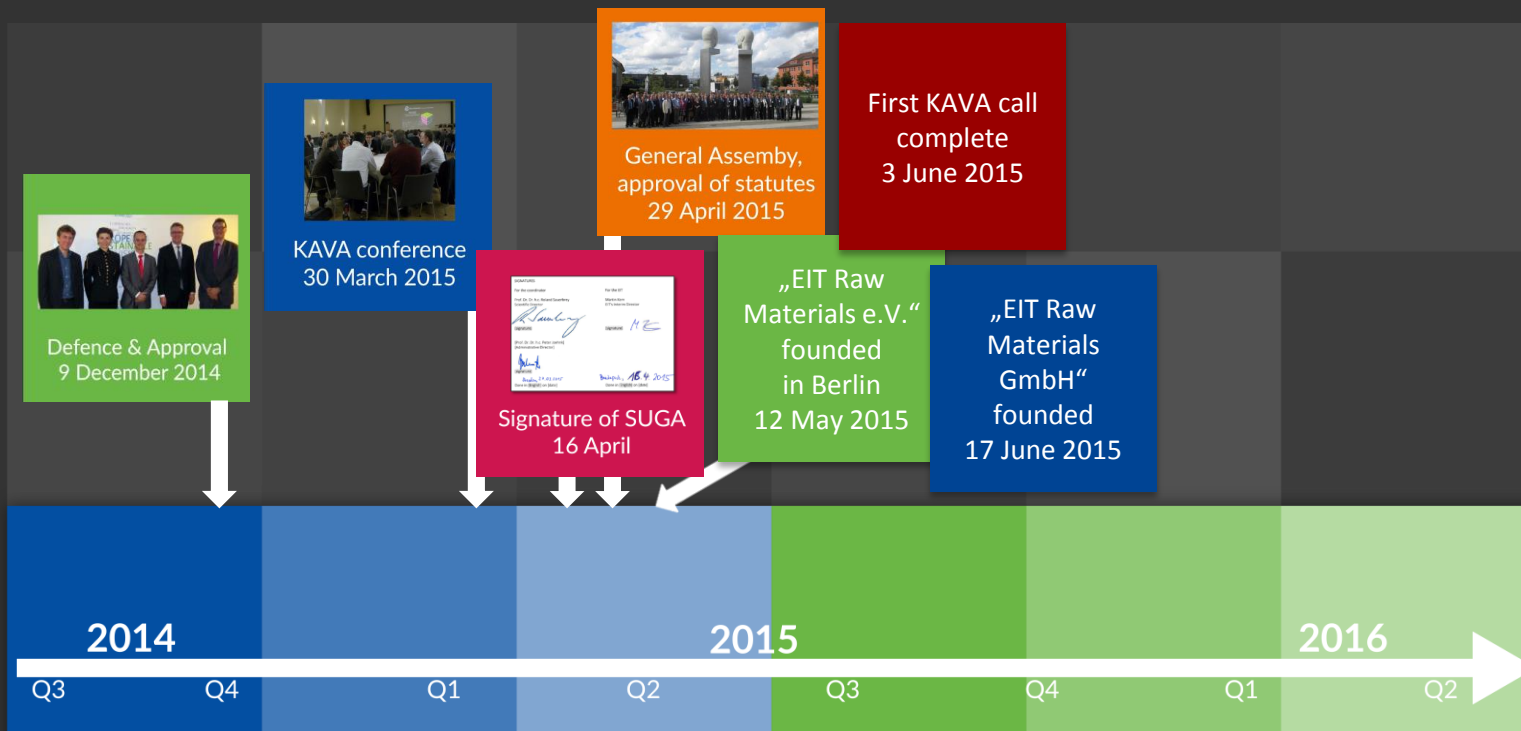
- Matchmaking & Networking
- Validation & Acceleration
- Business Creation & Support
- Learning & Education

Examples

- ▶ Access to efficiently networked, world class infrastructure, R&D competence, innovative start-ups and SMEs
- ▶ Acceleration of higher TRL levels through fast piloting
- ▶ Support for partnering to create successful value networks and a final customer
- ▶ Attract new talents into the RM sector
- ▶ Adapt curricula to from T-shaped entrepreneurs
- ▶ Executive education concepts



Where we are at...



OUR VISION

To develop raw materials into a major strength for Europe

