



European Institute of
Innovation & Technology

The EIT is a body of the European Union



European Institute of Innovation and Technology: Making Innovation Happen!

Chania | 21 February 2018

European Institute of Innovation and Technology

Our vision is to become the leading European initiative that empowers innovators and entrepreneurs to develop world-class solutions to societal challenges, and create growth and skilled jobs.

- 1st EU initiative bringing together the three sides of the Knowledge Triangle: business (large corporates & SMEs), education institutions, research centres.
- aim to increase the co-operation and integration between higher education, business and research to facilitate the transition from:



**student to
entrepreneur**

idea to product

lab to customer

EIT Priorities 2014 - 2020

1

Fostering
growth & impact of
first 3 innovation
communities

EIT Climate-KIC

EIT Digital

EIT InnoEnergy

2

Creating
5 new Innovation
Communities

2014

EIT Health

EIT Raw Materials

2016

EIT Food

2018

EIT Manufacturing

EIT Urban Mobility

3

**Sharing and
Disseminating**

EIT Community
good practices

Inc. EIT Regional
Innovation Scheme
(EIT RIS)



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EIT Model

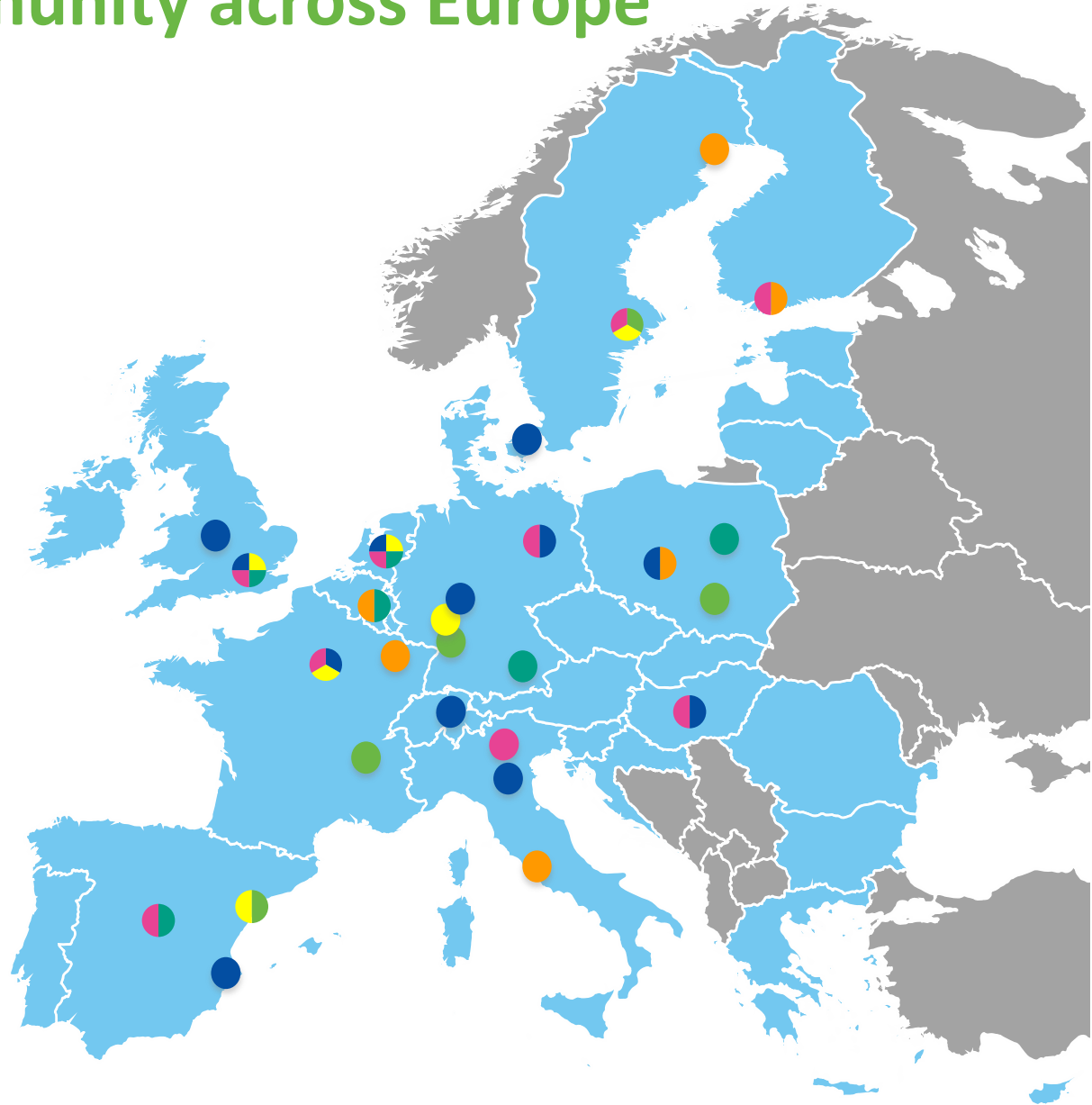
- **Independent legal entity**, gathering world-class partners.
- **Autonomy & flexibility**: to determine organisational structure and activities
- **Long-term strategic approach**: set up for a minimum of 7 years to eventually become financially sustainable.
- **Smart funding & high degree of commitment of partners**: 25%-75%
- **Effective governance**: run by a CEO and a lean management team
- **Innovation Hubs (Co-location Centres)**: 5-8 per Innovation Community
- **Results & high impact oriented activities**: A 7 year Strategy and Annual Business Plans
- **Culture**: strong entrepreneurial mind-sets and culture
- **Synergies & complementarities**: at national, European and international level



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EIT Community across Europe

- EIT Climate-KIC
- EIT Digital
- EIT Food
- EIT Health
- EIT InnoEnergy
- EIT Raw Materials



EIT's Innovation Hubs



Bring ideas and people together in new ways.



Create opportunities for new and existing organisations to access leading European teams.



Contribute to the development of a regional entrepreneurial culture.



Seek synergies and complementarities with regional, national and EU policies & programmes to boost innovation and entrepreneurship.



Build trust and openness among their partners.

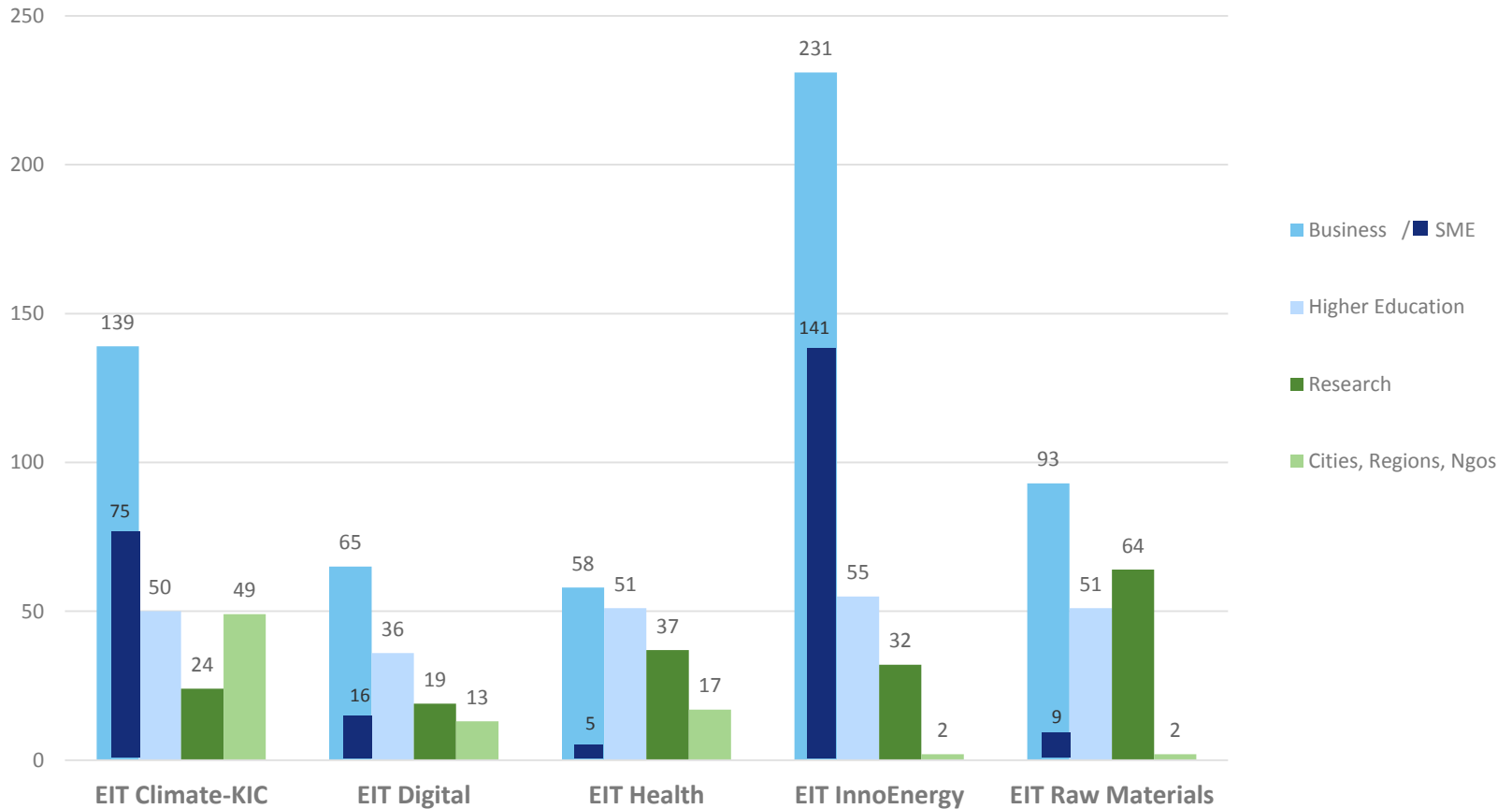


Facilitate the exchange of ideas and interactions between partners and other stakeholders.

Co-location Centres

Overview of EIT Community Partners

Today, the EIT Community brings together more than **1,000** partners:





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Achievements and Results

EIT Community: 1st achievements and impact

The EIT's Innovation Communities are growing into thriving European innovation hubs:



1224

number of graduates
up from 776



305

number of start-ups created
up from 213



430

number of new or
improved
products, services and
processes launched
Up from 212



2242

number of business
ideas incubated
up from 1217



1232

number of knowledge
transfers/adoption
up from 723

Figures – August 2017
as compared to September 2016





InnoEnergy

Knowledge Innovation Community



Skeleton Technologies

Country: Estonia

Description: Ultracapacitor power cells with curved graphene technology

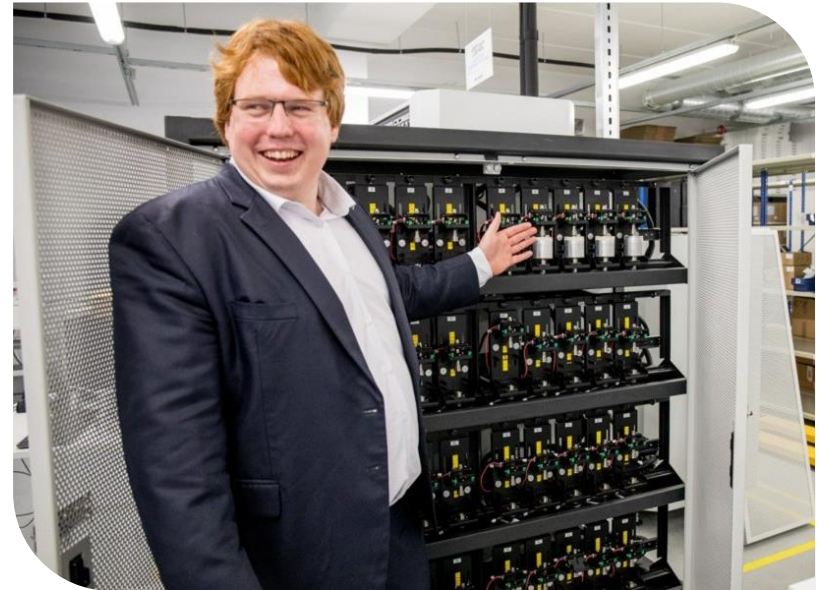
Impact: Provide groundbreaking energy storage solutions

Community connection:

Team: 10 million EUR

Funding: www.skeletontech.com

Website:



"Our industrial business networks have led to successful business relationships with leading power and automation companies, railways service providers and transmission system operators"

David Adberk, CEO of Skeleton Technologies





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EIT Regional Innovation Scheme (EIT RIS)



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EIT Regional Innovation Scheme (EIT RIS) Objectives

Objective

- Contribute to enhancing of the innovation capacity in **moderate and modest innovators*** Member States and Horizon 2020 Associated Countries.

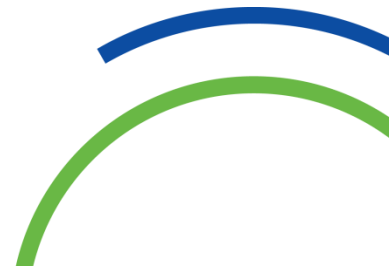
Approach

- Share and transfer good practices of **knowledge triangle integration** to widen participation in EIT KIC activities.
- **Allow for synergies** in regions and countries that have been designing **Smart Specialisation Strategies**.
- A **two-way** interaction scheme.



EIT Regional Innovation Scheme (EIT RIS): *Today*

- **Phase 1 - 2015-2016:** first pilot activities of EIT RIS with focus in attracting talents to the EIT's Innovation Communities activities
- **Phase 2 -2018-2020:** focus in **strengthening local innovation ecosystems** (2017 *Guidance Note on EIT RIS Implementation*)
- Total EIT RIS funding: 2016-2017: **20 MEUR** / 2018: **17.5 MEUR claimed**
- 18 Countries covered by the EIT Innovation Communities (all EU MS)
- EIT RIS Guidance Note 2017: An **EIT RIS Strategy per Innovation Community** for **2018-2020**
 - Emphasis on ensuring sustainable & durable KTI activities, 'role models' for the EIT RIS countries and regions, in alignment with respective national & regional innovation priorities
 - Actions for building synergies with S3 & national/ regional authorities



EIT Regional Innovation Scheme

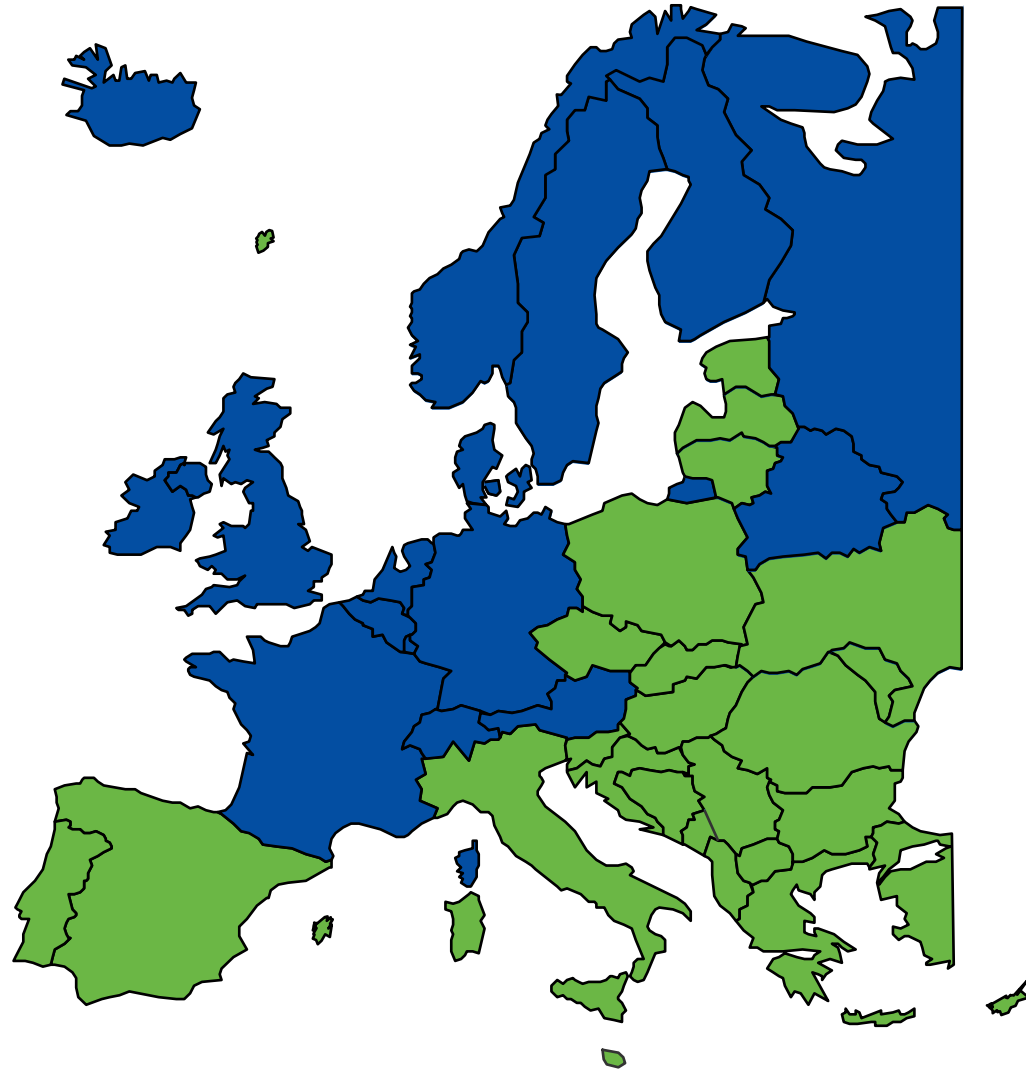
EU-13 share of funding and participation

Funding: 8.3% (Horizon 2020: 4.7%)

Participation: 11.3% (Horizon 2020: 7.8%)

Eligible countries:

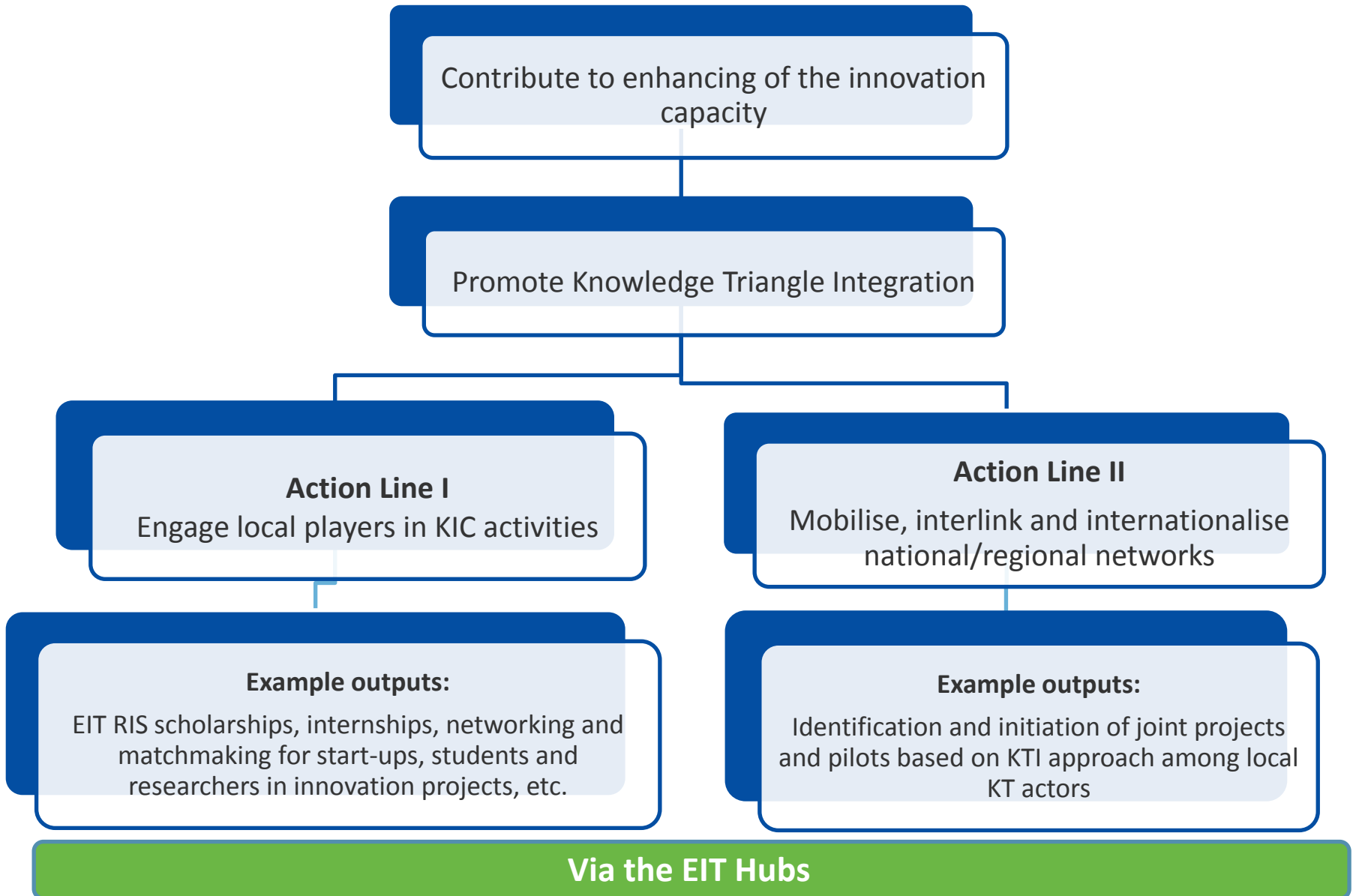
- | | |
|-------------------|---|
| 1) Bulgaria | 16) Spain |
| 2) Croatia | 17) Romania |
| 3) Cyprus | 18) Albania |
| 4) Czech Republic | 19) Armenia |
| 5) Estonia | 20) Bosnia and Herzegovina |
| 6) Greece | 21) Faroe Islands |
| 7) Hungary | 22) Former Yugoslav Republic of Macedonia |
| 8) Italy | 23) Georgia |
| 9) Latvia | 24) Moldova |
| 10) Lithuania | 25) Montenegro |
| 11) Malta | 26) Serbia |
| 12) Poland | 27) Turkey |
| 13) Portugal | 28) Ukraine |
| 14) Slovakia | |
| 15) Slovenia | |



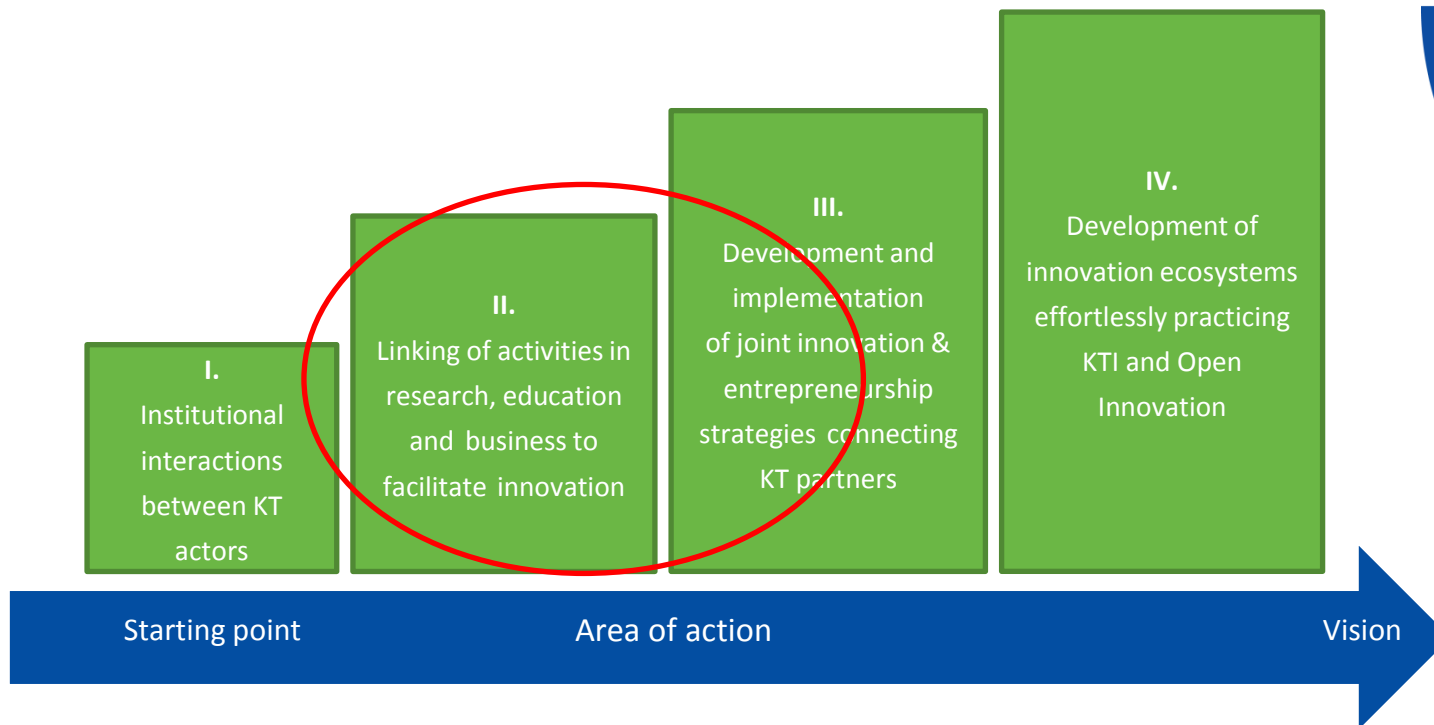
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* Based on the European Innovation Scoreboard 2017 / Group of Moderate and Modest innovators

EIT RIS Intervention logic 2018-2020



KTI promotion on local levels



- ❑ KICs should implement both Action Lines (I & II) in each target country, in cooperation with the EIT Hubs
- ❑ Emphasis on ensuring sustainable & durable activities, 'role models' for the EIT RIS countries and regions that will attract interest of national authorities and mobilise additional funding that would allow continuation of operations

EIT Hubs

...have a strong footing in local ecosystems and helps promote KICs' good practises and know-how of KTI

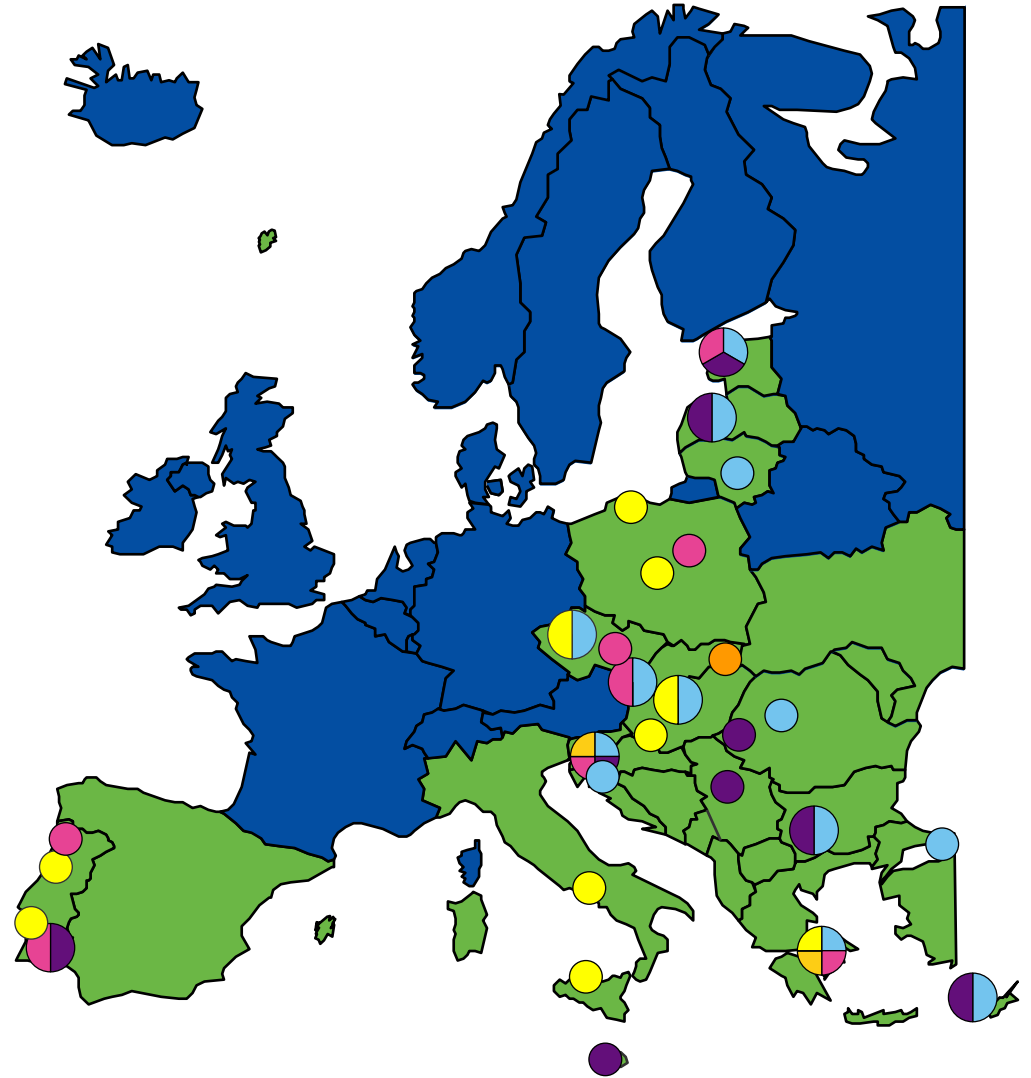
Entry point for both sides:



- Interface for interacting with local players, mobilising and internationalising the local networks, and ultimately fostering the Knowledge Triangle Integration
- Theme based (i.e. per KIC), or broader nature and encompass several linked themes, such as climate change, energy, circular economy (i.e. cross-KIC)
- ✓ EIT Community Hubs being piloted (Bulgaria, Cyprus, Malta)

EIT RIS cooperation entities

- EIT Climate-KIC
- EIT Digital
- EIT Health
- EIT InnoEnergy
- EIT Raw Materials



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EIT activities in Greece

EIT Raw Materials:

- ✓ National Technical University of Athens (Lab of Metallurgy) as Associate Partner
- ✓ Launched the EIT RawMaterials Hub Greece (EIT RIS) in Jan 2018

EIT Digital:

- ✓ Collaboration with Foundation Athens, acting as EIT Hub

EIT InnoEnergy:

- ✓ Collaboration with KINNO, acting as EIT Hub

EIT Health:

- ✓ Collaboration with the National Documentation Center, acting as EIT Hub

EIT Food:

- ✓ In process of selecting an EIT Hub (Call deadline 31/1/2018)

EIT Climate-KIC:

- ✓ Launched a call for EIT Hubs in February, deadline: 10 April 2018

Synergies with Smart Specialisation Strategies

- KICs through their **CLCs** or the **EIT Hubs**, as **active innovation facilitators** for the local actors, have a key-role in regional economies, by stimulating flows of ideas and supporting projects and investment within and across borders.
- Concrete **actions for interaction** proposed:
 - ✓ Providing access to the existing KICs pools of expertise on the relevant areas of interest for the Managing Authorities and Regional Institutions;
 - ✓ Seeking association to the topic-wise relevant thematic smart specialisation platforms and the partnerships thereunder;
 - ✓ Providing access for companies from EIT RIS countries to Global Value Chains (GVCs) through the KIC partners and available equipment / infrastructures;
 - ✓ Facilitating the spill-over effects through the CLCs/ EIT Hubs at national, regional and interregional levels.
 - ✓ Providing mentoring services regarding the strengthening of the links between local Knowledge Triangle actors based on the so-far experience and expertise from the implementation of the KTI model in CLCs and EIT RIS regions as well.



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Back-Up (future)

Approach towards Boosting Excellence

EIT Regional Innovation Scheme will:

- ✓ focus on **innovation ecosystems** and maximise their innovation potential
 - ✓ be **part of the EIT innovation model** based on the Knowledge Triangle Integration approach—it will create strong links between business, research and education and engage national and regional authorities
 - ✓ enhance **institutional capacity** of innovation actors and enablers by engaging in activities with and transferring know-how of EIT Innovation Communities
 - ✓ link local innovation ecosystems into the **pan-European innovation system** through cooperation with the EIT Innovation Communities
- ➔ **Distinguish the EIT RIS from that of the underlying EU Regional Policy. The EIT is not in a position to build or create regional innovation ecosystems from scratch but has the potential to contribute to their strengthening and possible re-orientation regarding societal challenges**

Boosting Excellence via EIT Hubs

- EIT Innovation Communities will designate ambitious and resourceful **local entities** to act as EIT Hubs
- EIT Hubs will be instrumental in **strengthening the innovation ecosystems** based on the Knowledge Triangle Integration approach
- Through the EIT Hubs the EIT Innovation Communities will **ensure the active involvement** of local knowledge triangle actors, as well as liaise with and provide expertise to the relevant national, regional and local authorities
- EIT Hubs will facilitate **co-creation** and **access** to business developers, investor networks and public funding sources
- EIT Hubs will **evolve** to serve as drivers for regional **innovation hubs**

➔ **integration of the EIT and its KICs' activities with national and regional policy efforts will be crucial not only to deliver impact on the ground but also to achieve the EIT's own, core objectives**



Innovate with us!



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