



European Institute of  
Innovation & Technology

The EIT is a body of the European Union



# Making innovation happen!

## EIT's mission & priorities

**Martin Kern, EIT Interim Director**

**National Academy of Sciences of Ukraine**

**Kiev, 5 October 2016**

# 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.**

- 1<sup>st</sup> EU initiative bringing together the three sides of the 'knowledge triangle': business (companies and SMEs), education institutions and research centres.
- aim to increase the cooperation and integration between higher education, business and research to facilitate the transition from:



student to  
entrepreneur

idea to product

lab to customer

# EIT Awards 2016

## EIT VENTURE AWARD

**Florian Schneider**

(Co-founder and COO)

**Nerdalize**

- **Idea:** Nerdalize heats houses with computing power. By placing powerful servers in the form of a radiator in people's homes, homes are heated with the heat produced by the servers. This means home owner saves on heating, and companies and researchers using computing power save 30-50% on their computing jobs.

- **EIT Community connection:**

Part of the Climate-KIC Accelerator programme at the Dutch Co-location Centre



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## EIT INNOVATORS AWARD

**Norbert Kuipers**

**Water and Energy for Climate Change (WE4CC)**

- **Project aim:** To use membrane distillation and desiccant recovery systems to turn low-grade waste heat or renewable solar PVT heat into high-quality water and indoor air.
- **EIT Community connection:** Climate-KIC Innovation Project

## EIT CHANGE AWARD

**Allen Mohammadi**

(CEO and Co-founder)

**Hippogriff AB**

(main product: Complex Disease Detector)

- **The idea:** Complex Disease Detector (CDD) is an accurate, non-invasive and inexpensive tool for the screening and early diagnosis of heart disease. It uses a patient's medical data and offers a decision support tool to doctors, while also helping patients to discover if they suffer from heart disease, even if they show no symptoms.

- **EIT Community connection:**

KIC InnoEnergy Master School ENTECH Programme (KIT and Uppsala University 2013-2015)

# Climate-KIC Berlin Accelerator: Green Garage



**1<sup>st</sup> CleanTech  
Incubator Germany**



**More than 70 scalable start-ups in Germany supported**  
**Focus on energy, mobility, agriculture & water**



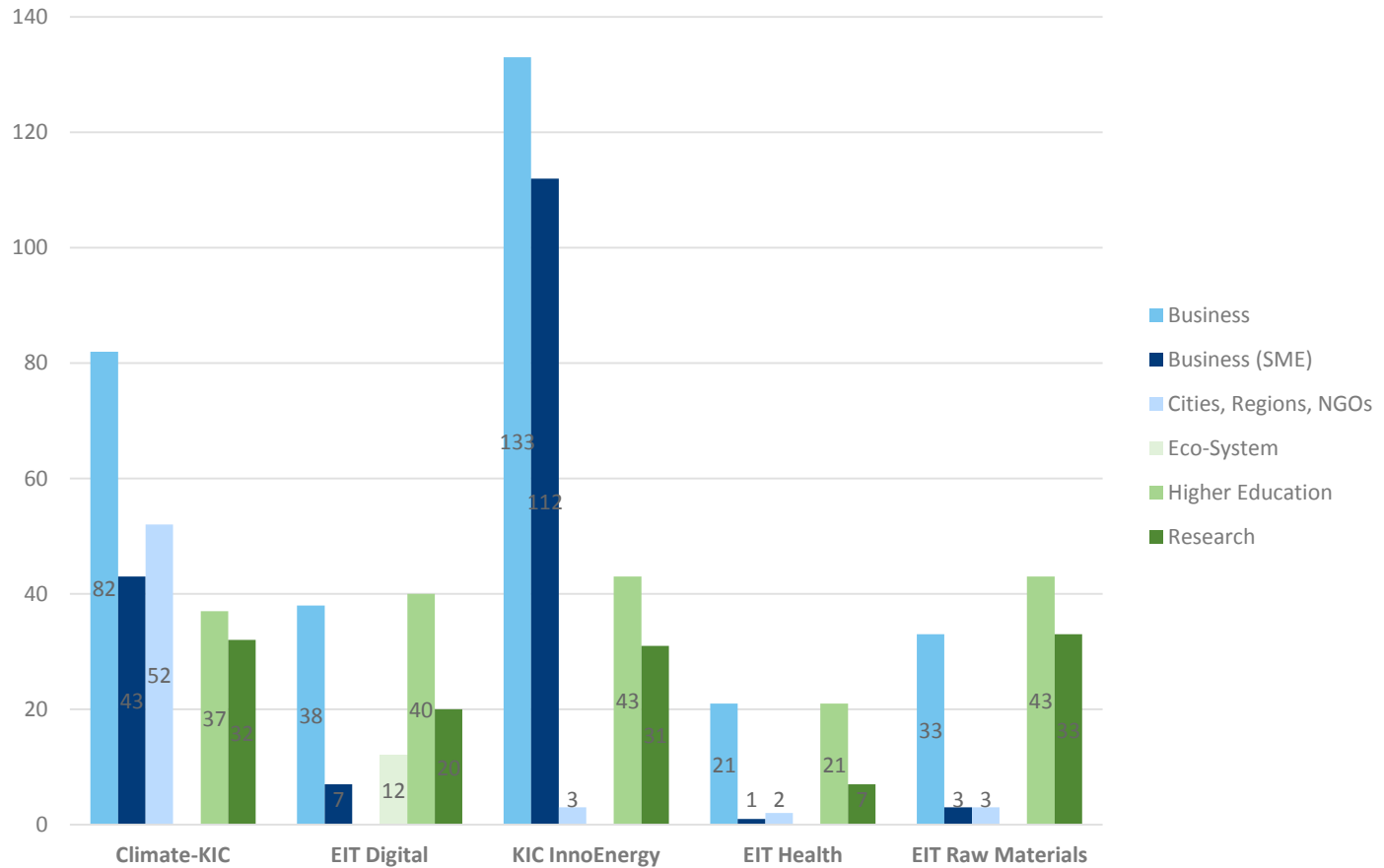
Sells **smart thermostats** that regulate heating in households according to the location data of inhabitants.

**32 million EUR investment by the end of 2015 and secured a further 20 million EUR in May 2016 for their US expansion: successful internationalisation**

*Competitor to Google's start-up Nest*

# Overview of EIT KIC Partners

Today, the EIT Community brings together more than **800 partners**:



# EIT Community: 1<sup>st</sup> achievements

Climate-KIC, EIT Digital and KIC InnoEnergy have grown into thriving European innovation hubs:



**24,162**

Attractiveness of education programmes – more than 13 applicants per offered seat



**486**

number of graduates



**903**

number of business ideas incubated



**181**

number of start-ups created



**478**

number of knowledge transfers/adoption



**142**

number of new or improved products, services and processes launched



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Figures – November 2015





## Our strategy to boost innovation in Europe

Facilitate the development of European ecosystems where research, business and education come together to find sustainable solutions to societal challenges by:

- Creating interconnected knowledge and creativity hotspots
- Fostering talent: innovators, entrepreneurs and students
- Attracting investors

# EIT – an integral part of

## HORIZON 2020



The EIT contributes to H2020 by addressing societal challenges via the integration of the knowledge triangle



H2020 has a budget of approx. € 80 billion for 2014 to 2020, out of which the EIT has been allocated € 2.4 billion



The EIT will further nurture synergies and complementarities across H2020 and its different initiatives





# EIT Community across Europe

## Climate-KIC

- Co-location Centre
- Regional Centre (RIC)

## EIT Health

- Co-location Centre

## EIT Digital

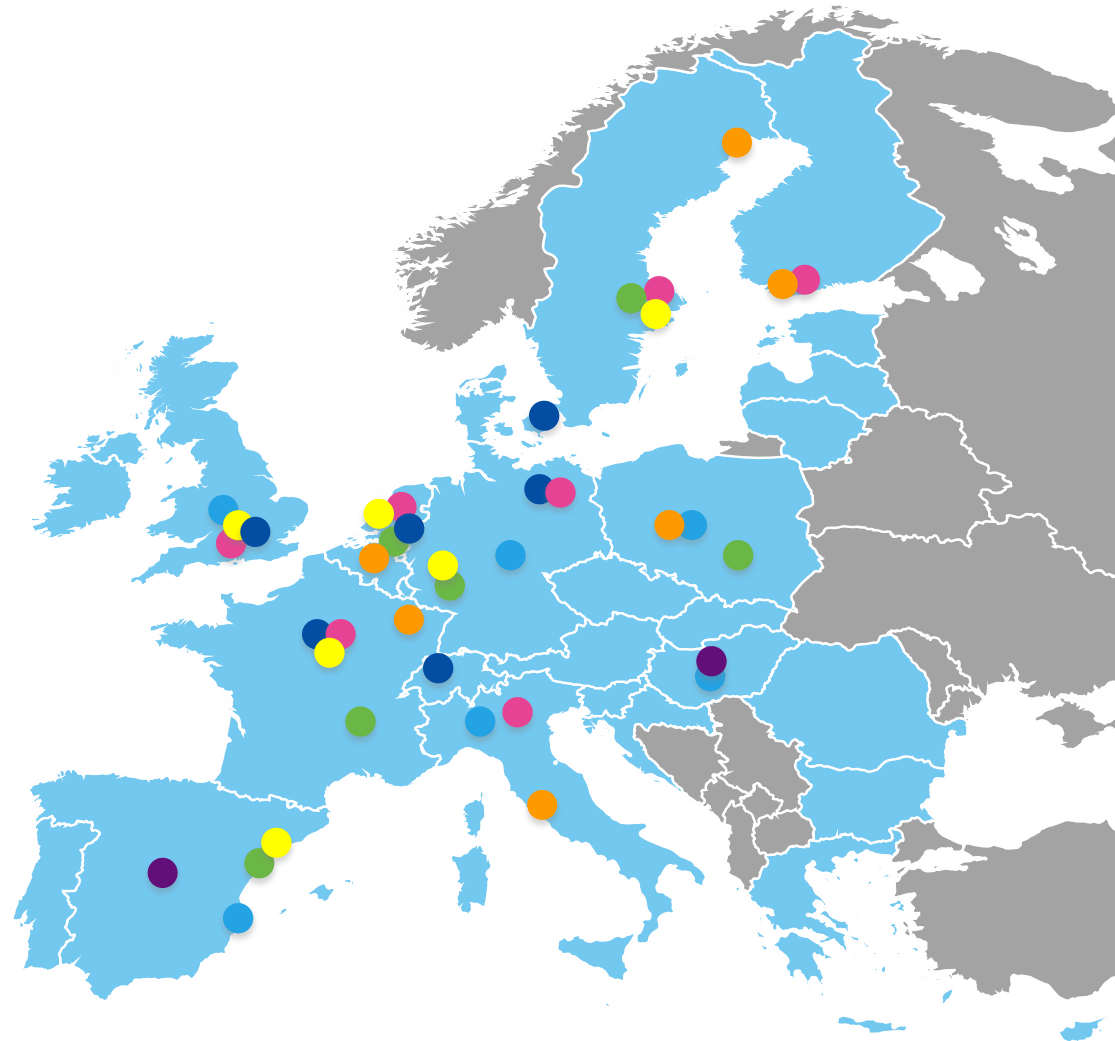
- Co-location Centre
- Associate Partner

## EIT Raw Materials

- Co-location Centre

## KIC InnoEnergy

- Co-location Centre



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# EIT priorities 2014 – 2020

1

**Fostering**  
growth and impact of  
first 3 KICS

Climate-KIC  
EIT Digital  
KIC InnoEnergy

2

**Creating**  
5 new KICs

**2014**

EIT Health  
EIT Raw Materials

**2016**

EIT Food  
EIT Manufacturing

**2018**

EIT Urban Mobility

3

**Sharing and  
Disseminating**

EIT Community  
good practices

Inc. EIT Regional  
Innovation Scheme  
(EIT RIS)



# EIT's 2016 Call for KIC Proposals



## EIT Food

**Food4future: sustainable supply chain from resources to consumers\***



## EIT Manufacturing

**Added-value manufacturing\***





# EIT KIC model

## *A business logic*

- **High degree of integration:** each KIC is an independent legal entity, gathering world-class partners from across the knowledge triangle based on a contractual relationship/partnership with the EIT.
- **Long-term strategic approach:** each KIC is set up for a minimum of 7 years to eventually become sustainable.
- **Autonomy and flexibility:** to determine organisational structure and activities governed by a Board of KIC partner organisations.
- **Effective governance:** run by a CEO and a lean management team at central and Co-location Centre level all implementing the Principles of Good Governance.



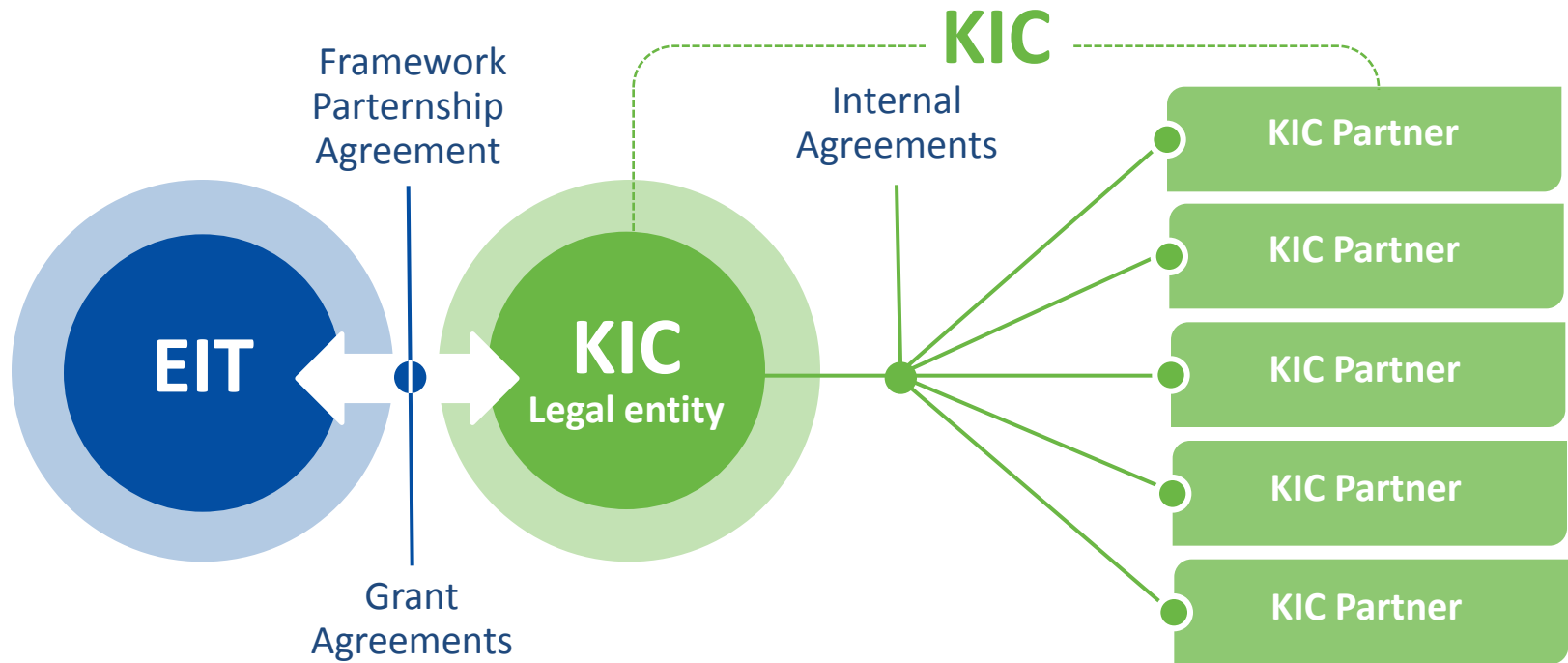
## EIT KIC model

### *an investment logic*

- **Smart funding & high degree of commitment of partners:** EIT funding to KICs is max. 25% of their total budget over time with 75% to be attracted from other sources, both public and private.
- **Culture:** KICs are shaped by strong entrepreneurial mindsets and cultures.
- **The Co-location model:** each KIC consists of world class innovation hotspots leveraging on existing European capacities and building pan-European networks.
- **Results & high impact oriented activities:** KICs implement a Business Plan with measurable deliverables, results and impact.

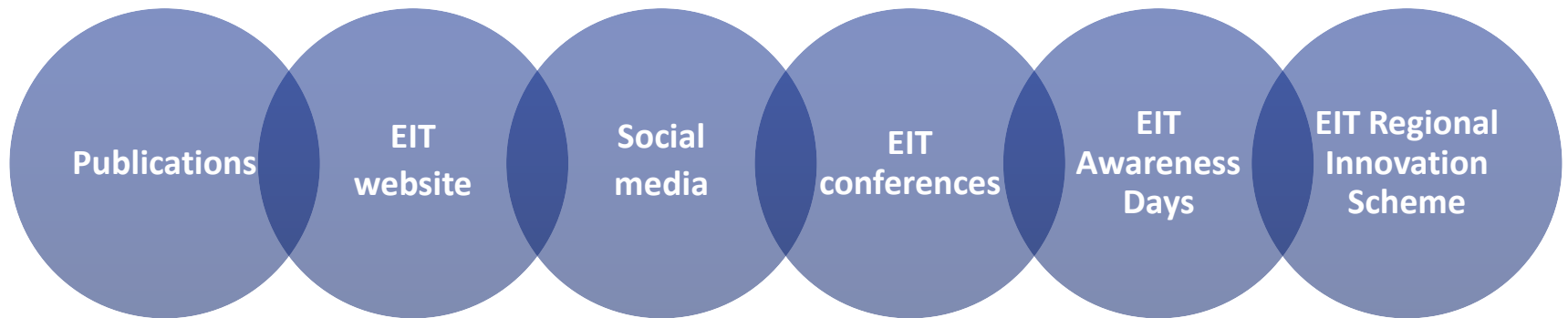


# Overview: contractual relations between the EIT and the KICs



# Dissemination and outreach

Active sharing of learnings, novel practices and results which emerge from EIT/ KIC activities with stakeholders across the EU and beyond through a wide range of communications, dissemination and outreach tools:



# EIT Regional Innovation Scheme (EIT RIS): Strategic Objectives and Guiding Principles

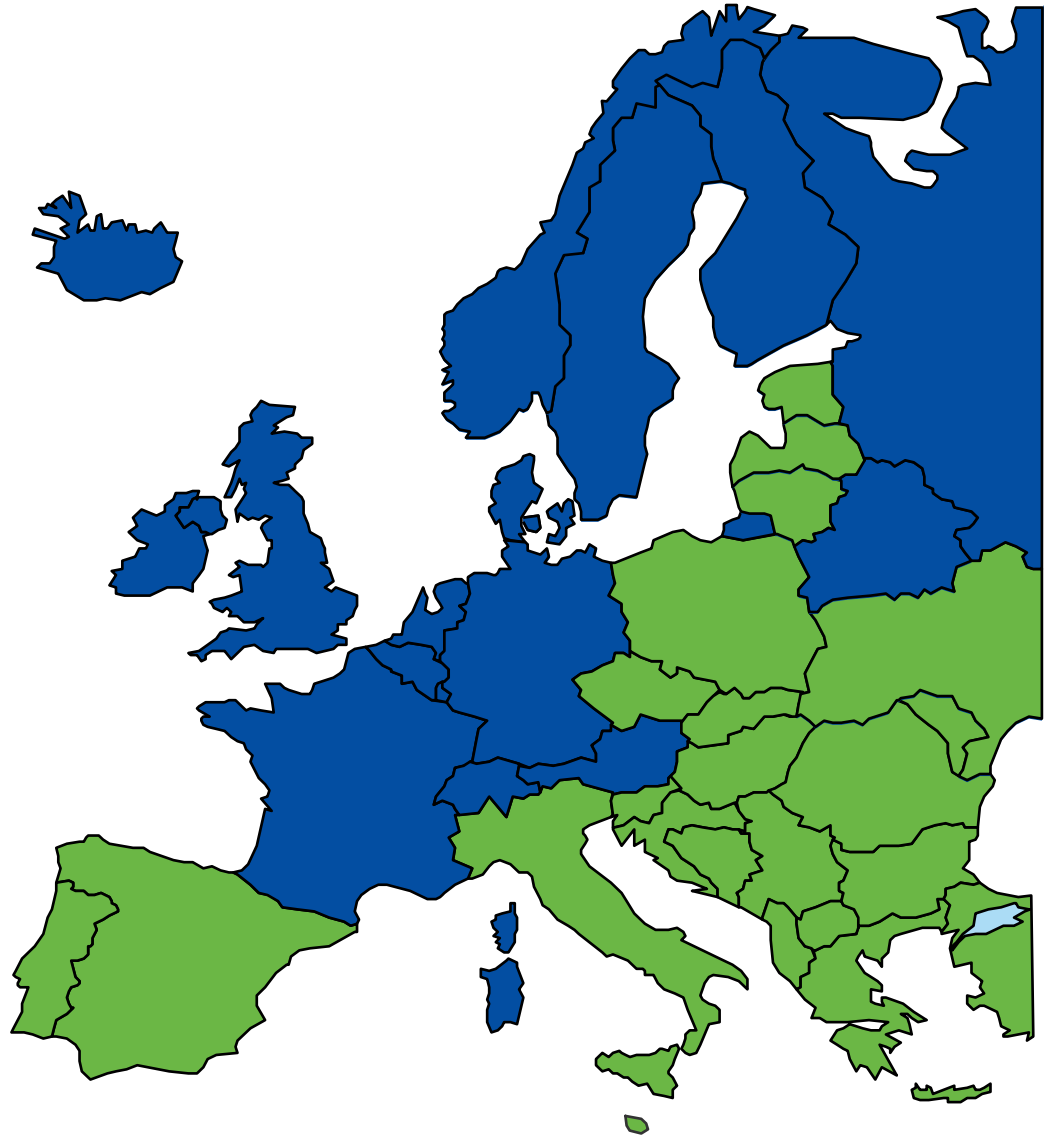
- Context: Widening participation in Horizon 2020 and EIT
- Structured outreach scheme aimed at increasing innovation capacity in Member States and regions not yet benefitting from the EIT and its KICs
- Based on a two-way engagement between KICs and selected partnerships from the wider European innovation community
- Based on key principles:



# EIT Regional Innovation Scheme

## List of eligible countries:

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



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# EIT Regional Innovation Scheme (RIS)

## Activities:

- Ensuring the flow of both knowledge and people between KICs and selected partnerships
- Integral part of operations and designed by KICs.

## Benefits:

- KICs: influx of talent and ideas
- Selected EIT RIS partnerships: exchanging knowledge and good practices as well as enhancing the regional innovation system
- Individuals: apply and gain knowledge and expertise

## Funding

- Selected EIT RIS partnerships will primarily use “other sources” of funding such as national and regional funding





# KIC Calls for EIT RIS Activities: EIT Digital – ARISE Europe

- The ARISE programme includes innovation centers from Austria, Czech Republic, Estonia, Greece, Poland, Portugal and Slovenia
- **The objective** is to connect local and regional innovation centres and their ecosystems to EIT Digital's innovation and education ecosystem.
- **The targets** are local ecosystems through Innovation Centers (e.g. Accelerators, Incubators, Regional Clusters) and Students, Universities
- **Main ingredients:**
  - **Open Hours** for Scale-up companies  
Link to Innovation core functions (Accelerator, Action Lines)
  - **Scholarship** opportunities for students  
2-year Master's programme
- **Useful links and contacts:**

Fabio Pianesi: [fabio.pianesi@eitdigital.eu](mailto:fabio.pianesi@eitdigital.eu)  
ARISE Europe: <https://www.eitdigital.eu/about-us/arise-europe/>  
EIT Digital Open Hours: <https://www.eitdigital.eu/about-us/arise-europe/arise-open-hours/>  
EIT Master School: <http://www.masterschool.eitdigital.eu/>

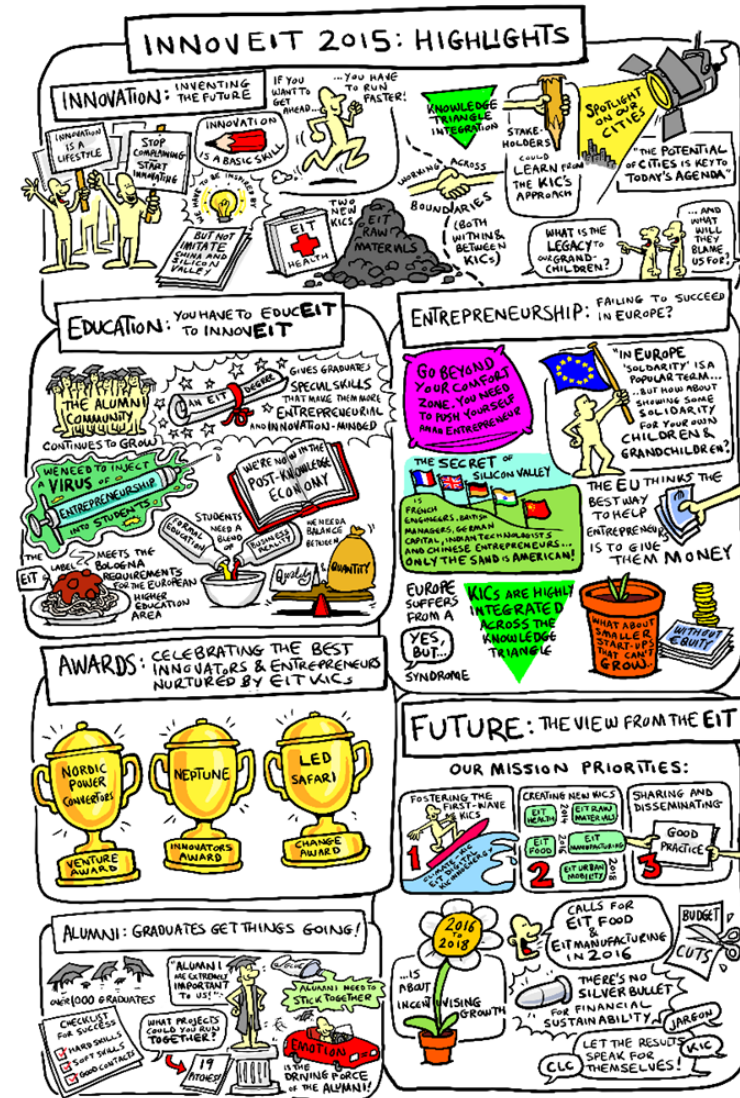


# KIC Calls for EIT RIS Activities: KIC InnoEnergy - KICStart!

- Partner's applications are accepted on a rolling basis with a quarterly review process held with submission dates in the last day of January, April, July and **October**. The applications will be reviewed in a 20 days period and results will be published online.
- Currently looking for Partnerships operating as Regional Points of contacts in the following countries: Croatia, Cyprus, Czech Republic, Estonia, Greece, Hungary, Italy, Lithuania, Slovakia, Bulgaria, Latvia, Romania and Slovenia, Albania, Bosnia and Herzegovina, Faroe Islands, Former Yugoslav Republic of Macedonia, Moldova, Montenegro, Serbia, **Ukraine** and Turkey.
- Application process:
  - Send the filled application form to [apply@kic-innoenergy.com](mailto:apply@kic-innoenergy.com)
  - Have a video call with KIC InnoEnergy representatives in order to discuss all the potential synergies
  - Personally meet our team and further discuss our expectations, activities and co-financing schemes.

# INNOVEIT

- Annual EIT Stakeholder event
  - Main building blocks:
    - EIT Awards
    - EIT Innovation Tour
    - EIT Alumni Connect
    - EIT Stakeholder Forum including Member State Configuration
- Join and meet the EIT Community as well as other innovation stakeholders at INNOVEIT 2017: 16-17 Oktober in Budapest



# Stay in touch via the EIT website and social media

The screenshot shows the EIT website homepage. At the top, there is a navigation bar with the EIT logo and the text "European Institute of Innovation & Technology". To the right of the logo is a search bar and social media icons for Facebook, Twitter, YouTube, and LinkedIn. Further right is the text "A body of the European Union". Below the navigation bar are several menu items: "EIT COMMUNITY" (Who we are), "ACTIVITIES" (What we do), "COLLABORATE" (Work with us), "NEWSROOM" (What's going on), "INTERACT" (Connect with us), and "IN YOUR LANGUAGE" (EIT in all EU languages).

The main banner features the headline "EIT - Making innovation happen" over a background image of a path leading to a horizon. On the left side of the banner, there are several links to specific areas: "2016 Call for KICs" (Find the latest information about the 2016 Call), "Climate-KIC" (Climate change mitigation and adaptation), "EIT Digital" (Future Information and Communication Technologies), "EIT Health" (Healthy living and active ageing), "EIT Raw Materials" (Sustainable exploration, extraction, processing, recycling and substitution), and "KIC InnoEnergy" (Sustainable energy).

The central part of the banner displays a news article titled "New opportunities for innovation and research with the EU's science and knowledge service" dated 22/09/2016. The article text states: "The EIT and the European Commission's Joint Research Centre (JRC) strengthened cooperation by signing a Memorandum of Understanding (MoU) today at the EIT Headquarters in Budapest. Tibor Navracsics, European Commissioner for Education, Culture, Youth and Sport, responsible for both the EIT...". Below the article is a small EIT logo.

On the right side of the banner, there is a vertical list of news items, each with a document icon: "New opportunities for innovation and research with the EU's science and knowledge service", "Ambiciti, first mobile app for street-level air and noise pollution launches in Europe", "EIT Raw Materials Business Ideas Competition", "Have your say on the EIT: public consultation", and "Graduate of EIT Digital Master School raises €750,000 in crowdfunding campaign".

At the bottom of the banner, there are four circular icons representing different categories: a building icon with the number 273, a graduation cap icon with 105, a microscope icon with 75, and a bar chart icon with 56. To the right of these icons is a button that says "Explore the EIT Community Infographics".

The bottom of the screenshot shows a Windows taskbar with various application icons and a system tray on the right displaying the date "23/09/2016" and time "15:35".



# Innovate with us!



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[eit.europa.eu](http://eit.europa.eu)

[@EITeu](https://twitter.com/EITeu)