Making innovation happen!

EIT's mission & priorities

Michal Gorzynski

Head of Monitoring Section

EIT HQ

Budapest, 7 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.

- 1st 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 – 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
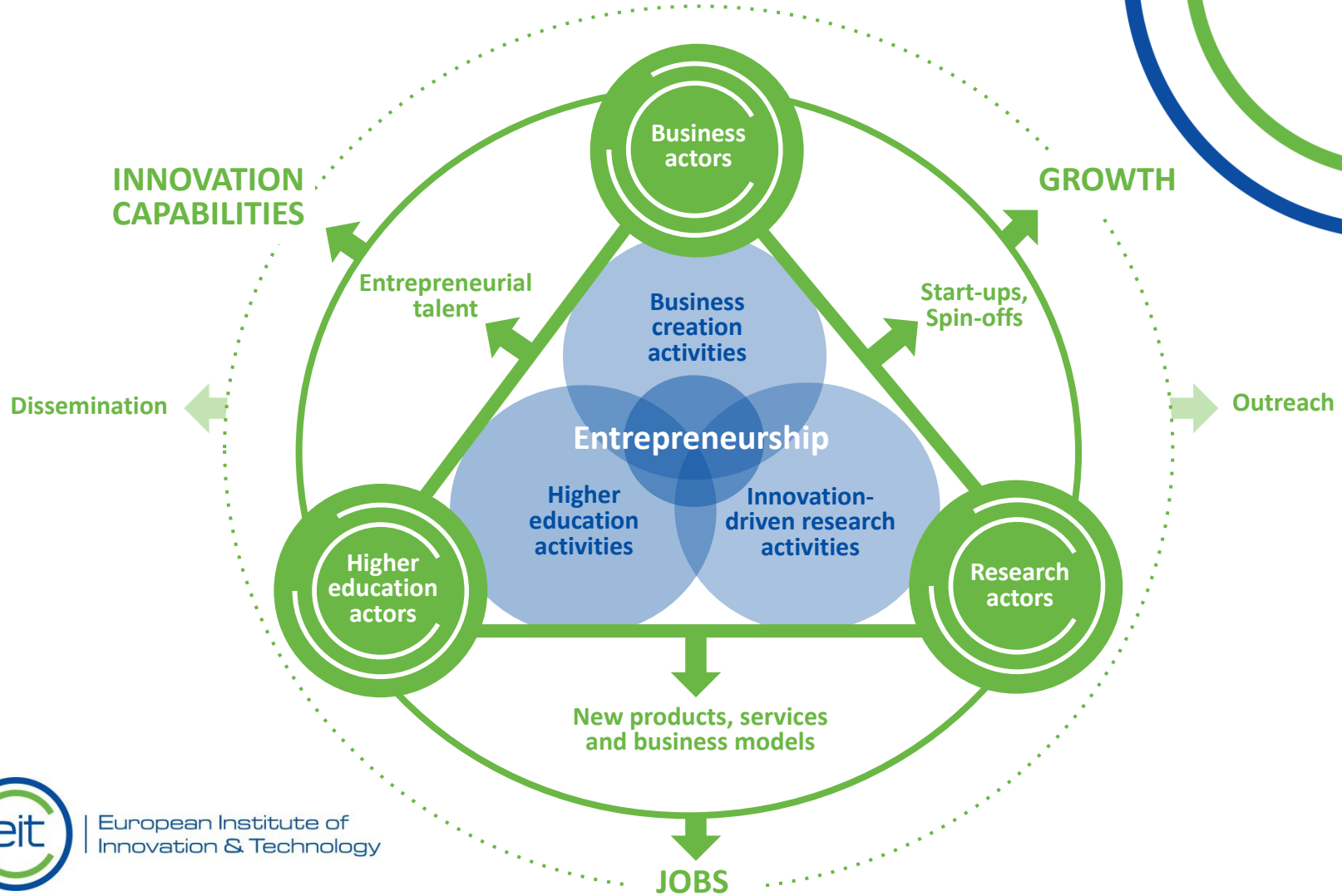
The EIT will further nurture synergies and complementarities across H2020 and its different initiatives

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EIT innovation model

EIT's first 3 KICs – designated in December 2009

Climate-KIC

EIT Digital

KIC InnoEnergy

EIT's 2 new KICs – designated in December 2014

EIT Raw Materials

EIT Health

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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)

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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.

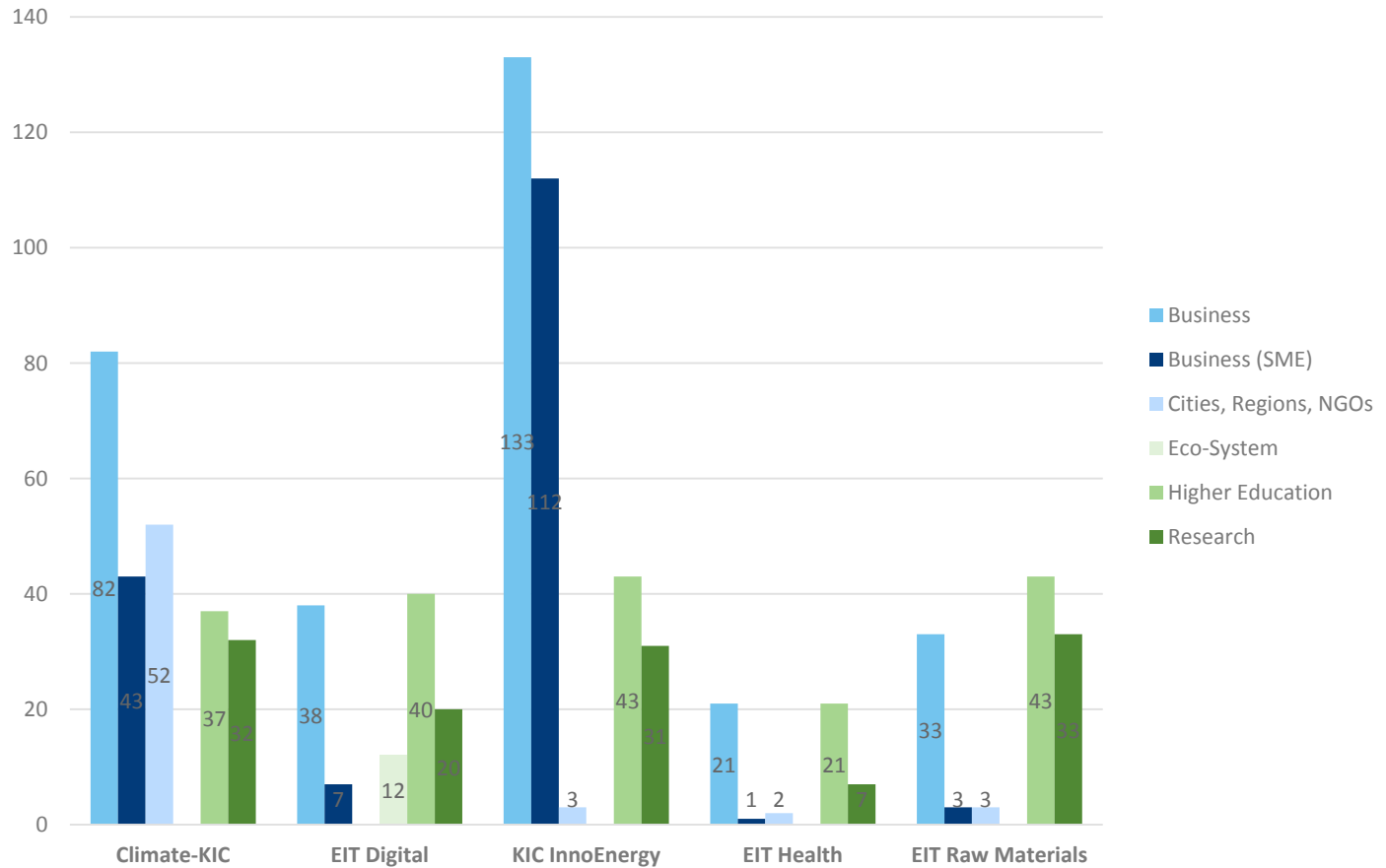eit | European Institute of Innovation & Technology

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.

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Overview of EIT KIC Partners

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

Legend:
- Business
- Business (SME)
- Cities, Regions, NGOs
- Eco-System
- Higher Education
- Research

	Climate-KIC	EIT Digital	KIC InnoEnergy	EIT Health	EIT Raw Materials
Business	82	38	133	21	33
Business (SME)	43	7	112	1	3
Cities, Regions, NGOs	52		3	2	3
Eco-System		12			
Higher Education	37	40	43	21	43
Research	32	20	31	7	33

EIT Community across Europe

Climate-KIC
- 🔵 Co-location Centre
- 🔵 Regional Centre (RIC)
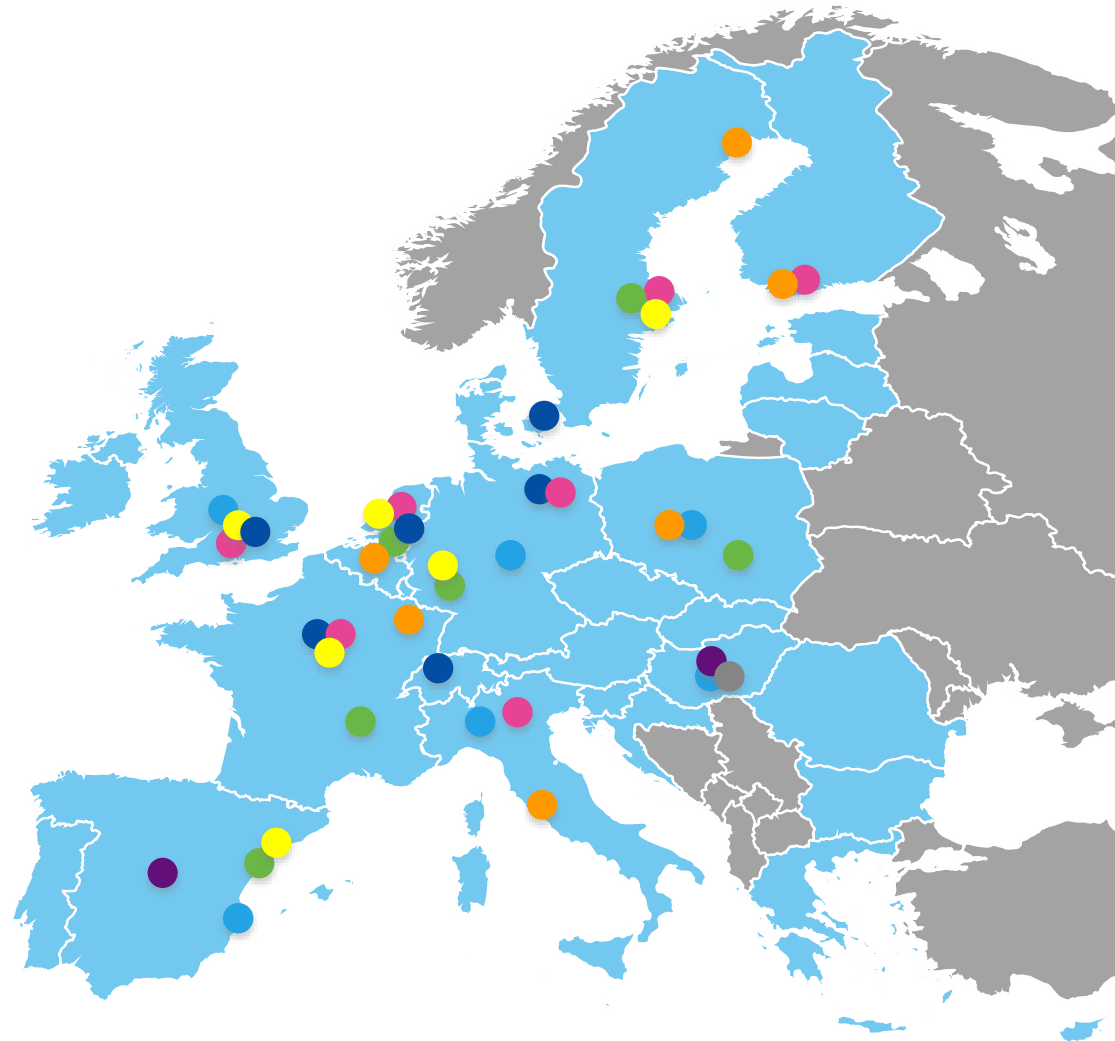
EIT Health
- 🟡 Co-location Centre
- ⚫ InnoStars

EIT Digital
- 🔴 Co-location Centre
- 🟣 Associate Partner

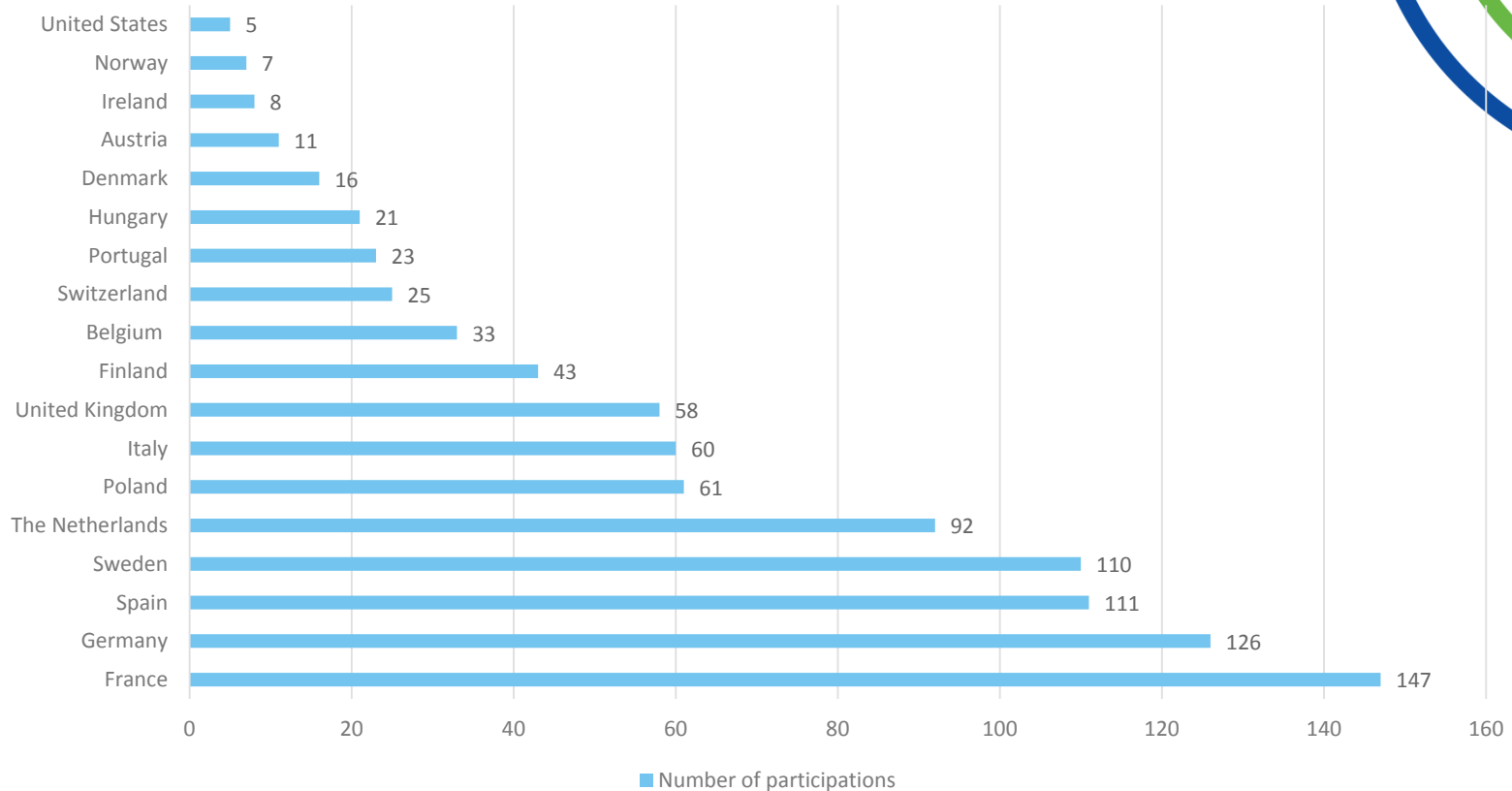**EIT Raw Materials**
- 🟠 Co-location Centre

KIC InnoEnergy
- 🟢 Co-location Centre
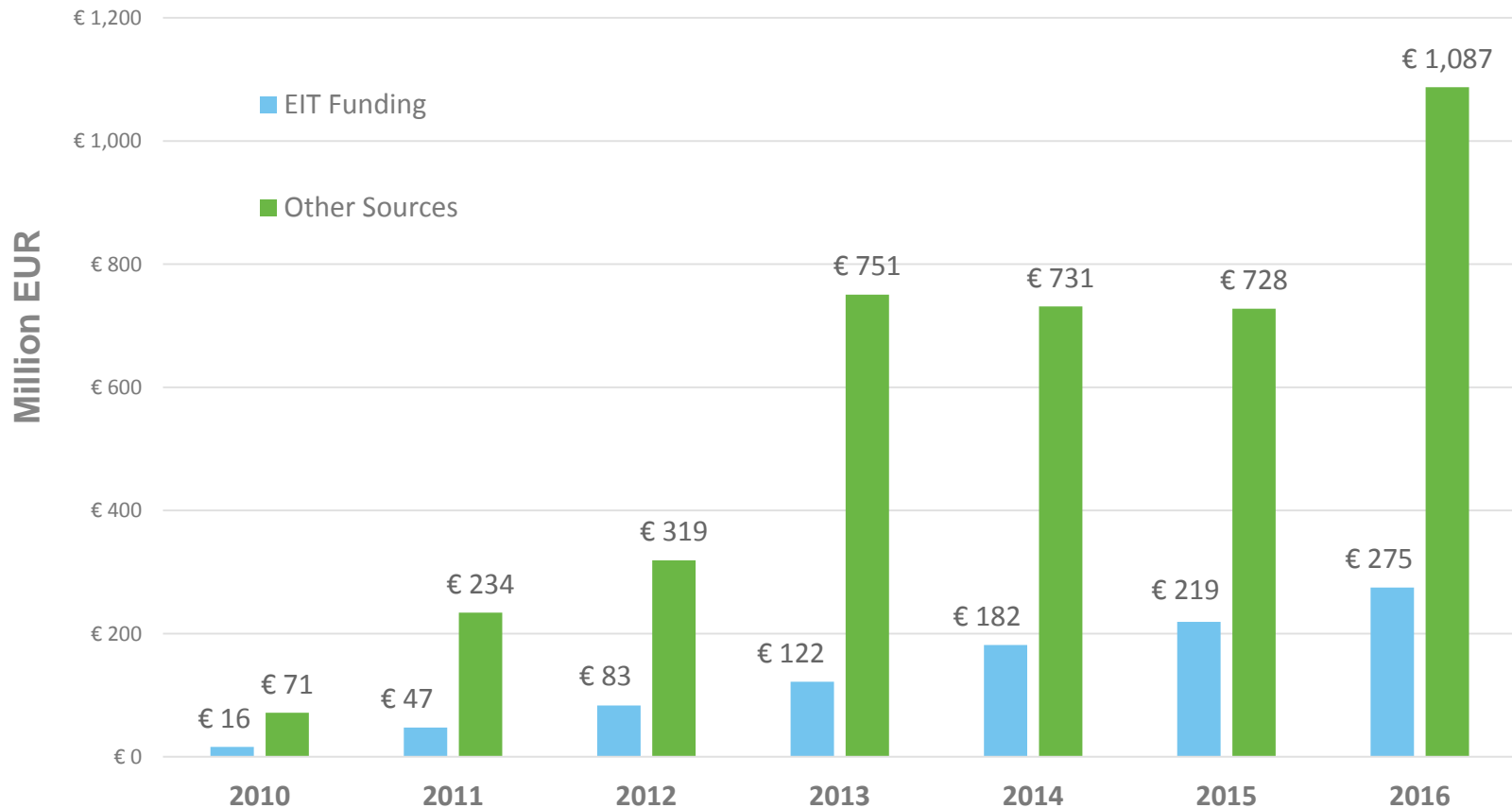
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Where do KIC Partners come from?

Number of participations per country

Country	Number of participations
United States	5
Norway	7
Ireland	8
Austria	11
Denmark	16
Hungary	21
Portugal	23
Switzerland	25
Belgium	33
Finland	43
United Kingdom	58
Italy	60
Poland	61
The Netherlands	92
Sweden	110
Spain	111
Germany	126
France	147

■ Number of participations

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EIT Funding Evolution: 2010-2016

KIC Funding Allocated

Million EUR

Legend:
- ■ EIT Funding
- ■ Other Sources

Year	EIT Funding	Other Sources
2010	€ 16	€ 71
2011	€ 47	€ 234
2012	€ 83	€ 319
2013	€ 122	€ 751
2014	€ 182	€ 731
2015	€ 219	€ 728
2016	€ 275	€ 1,087

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2010-2015: Actual funding
2016: Budgeted funding

EIT Community: 1st achievements

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

776
number of graduates

1,217
number of business ideas incubated

213
number of start-ups created

723
number of knowledge transfers/adoption

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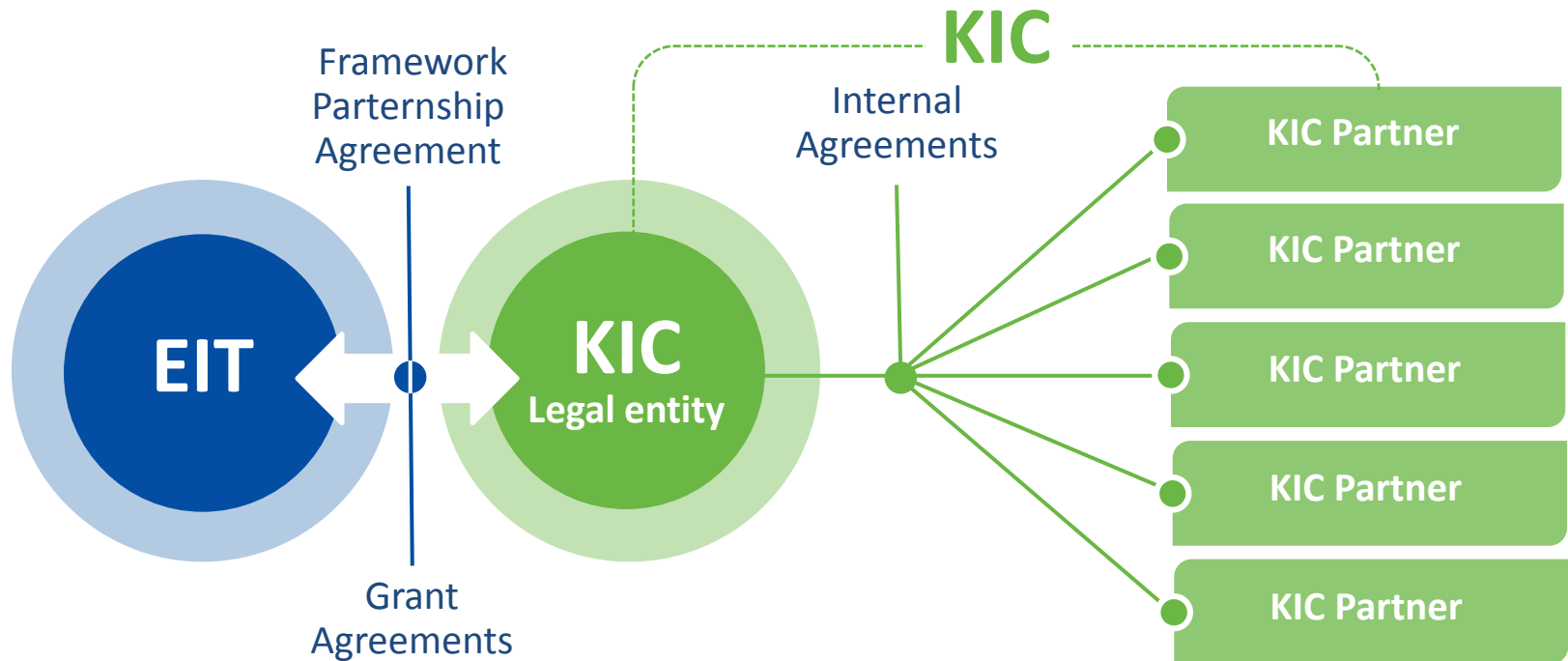number of new or improved products, services and processes launched

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Figures – September 2016

EIT's core KPIs

Area	Outputs	Results/Impacts
Education	# Graduates from EIT labelled MSc and PhD programmes	# Start-ups created by Graduates from EIT labelled MSc and PhD programmes
Innovation	# Products launched on the market	# Start-ups created as a result of innovation projects
Business acceleration	# Start-ups supported by KICs	Investment attracted by ventures supported/have been supported by KICs
Dissemination and communication	# Success stories submitted to and accepted by EIT	# External participants in EIT RIS programmes
Institutional	• Budget Consumption • Error rate	Financial sustainability: revenue of KIC LE

Managing KICs: contractual relations between the EIT and the KICs

Framework Parternship Agreement

Grant Agreements

EIT

KIC Legal entity

KIC

Internal Agreements

KIC Partner

KIC Partner

KIC Partner

KIC Partner

KIC Partner

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The long-term cooperation between the KIC and the KIC partners must be formalised through Internal Agreements

The EIT's educational vision and mission

Vision

To foster entrepreneurs and innovators in Europe.

Mission

To deliver a unique brand of excellent education that is responsive to both business and societal demands, focused on innovation, entrepreneurship and creativity distinguished by an EIT label.

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Overview of main EIT Education Activities

1 → Master and doctoral studies
- International cooperation, industry involvement
- Training on specific skills and competences
- Mobility, internships and scholarships/ fellowships

2 → Executive training and post-doctoral courses

3 → Continuous professional development courses/modules

4 → Learning modules and MOOCs

5 → Alumni and outreach activities

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EIT Label

EIT Overarching learning forms

- **Creativity** skills and competences
- **Innovation** skills and competences
- **Entrepreneurship** skills and competences
- **Research** skills and competences
- **Leadership** skills and competences
- **Intellectual transforming** skills and competences
- **Making value judgements**

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EIT's 2016 Call for KIC Proposals

EIT Food

Food4future: sustainable supply chain from resources to consumers*

EIT Manufacturing

Added-value manufacturing*

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* Themes are presented in annex to the EIT's Strategic Innovation Agenda (SIA) - the contribution of the EIT to a more innovative Europe

2016 Call for KICs - Timeline

October 2015: Publication of the Evaluation Criteria

November 2015: Publication of the Framework of Guidance

14 January 2016: Launch of the EIT 2016 Call for KIC Proposals

18 February 2016: Information Day in Brussels

16-17 November 2016: Designation of the two new KICs "EIT Food" and "EIT Manufacturing"

FAQs – Clarification with applicants

Evaluation

2015 — Q4 — 2016 — Q1 — Q2 — Q3 — Q4

14 July 2016: Closure of the 2016 Call for KIC Proposals

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
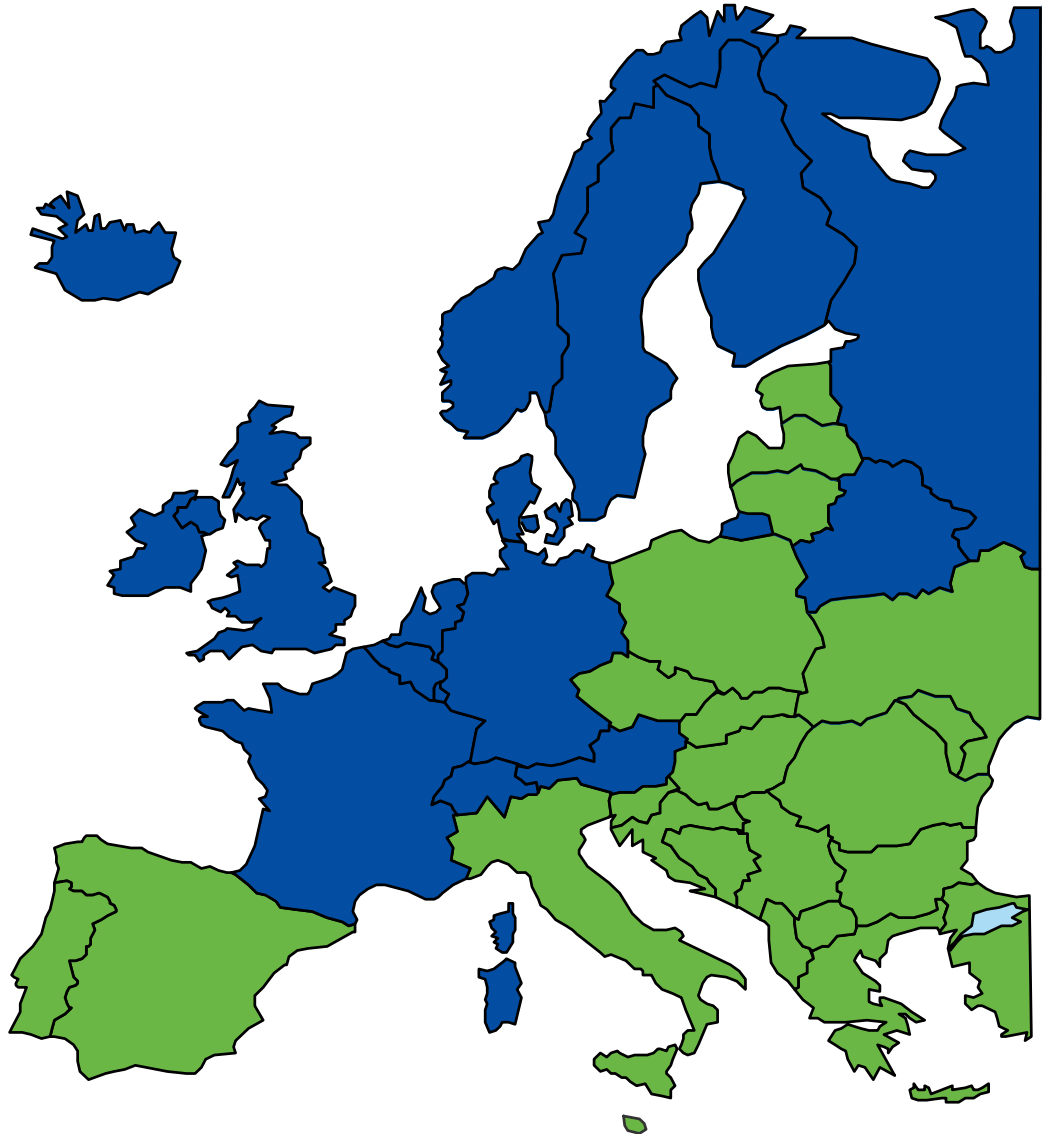
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EIT Regional Innovation Scheme (RIS)

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

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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

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)

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Climate-KIC Berlin Accelerator: Green Garage

eMio Share-a-Scooter · **coMODULE** · **Toby** Der Eco-Fahrtrainer · e bike finder · **GCS** GreenCity Solutions

LILIUM AVIATION · **e-volo**

SOLANDEO

Lumenaza

oneSHORE

COOLAR

VIRTENIO

1st CleanTech Incubator Germany

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

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tado°

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

Stay in touch via the EIT website and social media