



European Institute of  
Innovation & Technology

communication **solution**  
performance **planning** works  
**key** **innovate**  
**ideas** concept  
brand  
brainstorm **plan**  
strategy **success**  
global **process**  
out **of the box** **excellence**  
**reward**  
leadership  
**efficiency**  
workflow  
information **marketing** best  
organization **network** social  
research **analysis** green  
advertising **positive** vision  
development **refresh** ads  
**goals**

# EIT Member State Configuration



The EIT is a body of the European Union

Martin Kern, EIT Interim Director  
Budapest, 07 May 2015

14.00-14.45

## Welcome and Introduction by the EIT Interim Director, Martin Kern

- 10' Update on EIT Activities and Strategy
- 20' Financial Sustainability and Good Governance
- 15' Discussion

# European Institute of Innovation and Technology

- The EIT is the first EU initiative bringing together the three sides of the “knowledge triangle”: business (companies and SMEs), education institutions and research centres.
- The EIT aims 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 priorities 2014-2020

1

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

Climate-KIC  
EIT ICT Labs  
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 good practices

incl. EIT Regional  
Innovation Scheme  
(EIT RIS)



# EIT Triennial Work Programme 2016-2018

## **Incentivising Growth, Impact and Sustainability through the EIT**

- Consolidating, fostering growth and impact of the existing KICs
- Creating new KICs

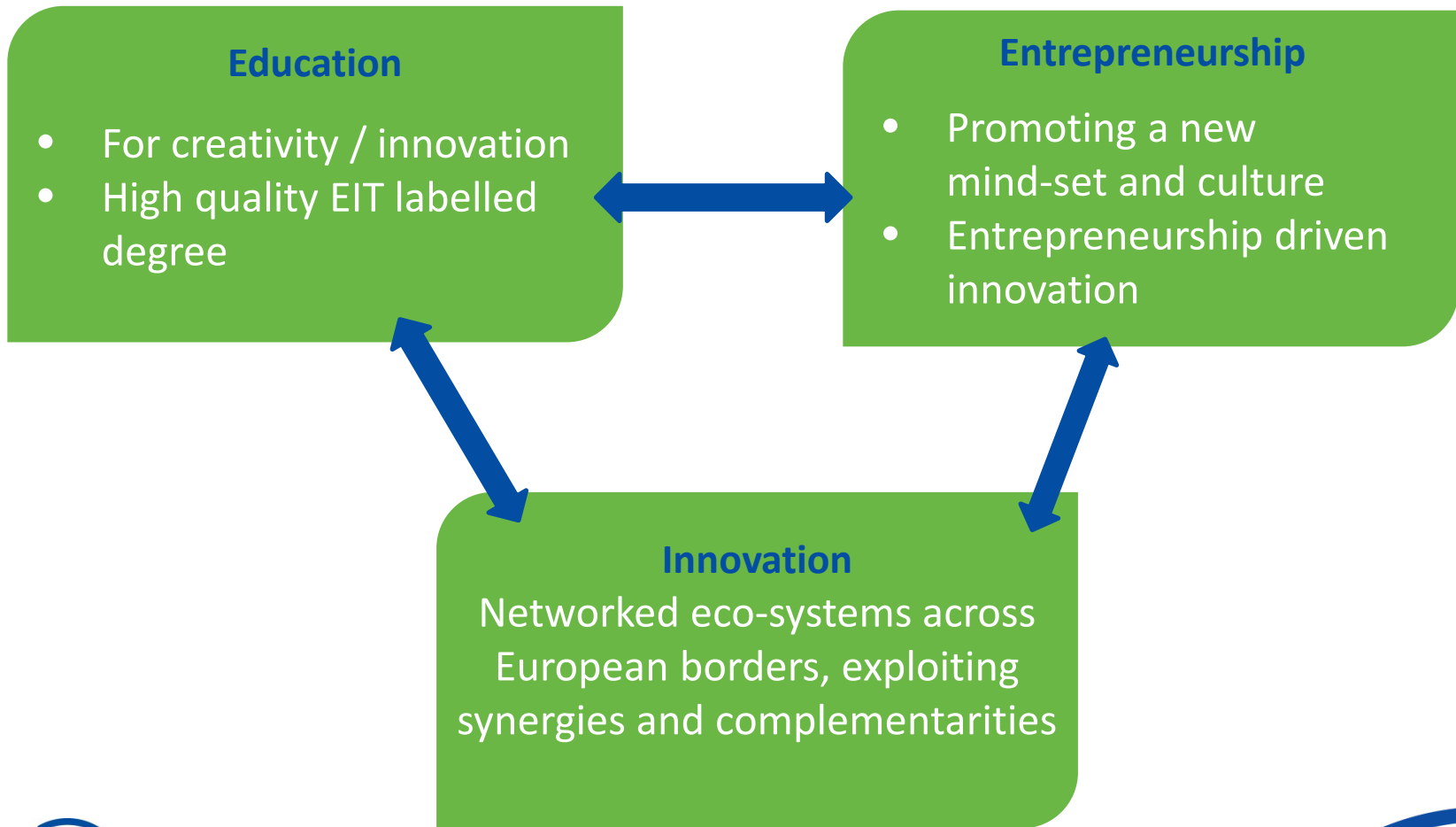
## **Enhancing the EIT's Impact**

- The EIT's next Strategic Innovation Agenda (SIA) 2021-2027
- Strengthening the Knowledge Triangle and its integration principles and practices
- Fostering knowledge exchange through dissemination and outreach
- Fostering and attracting talent
- Enhancing stakeholder engagement

## **New Delivery Mechanisms and Result-oriented Monitoring**

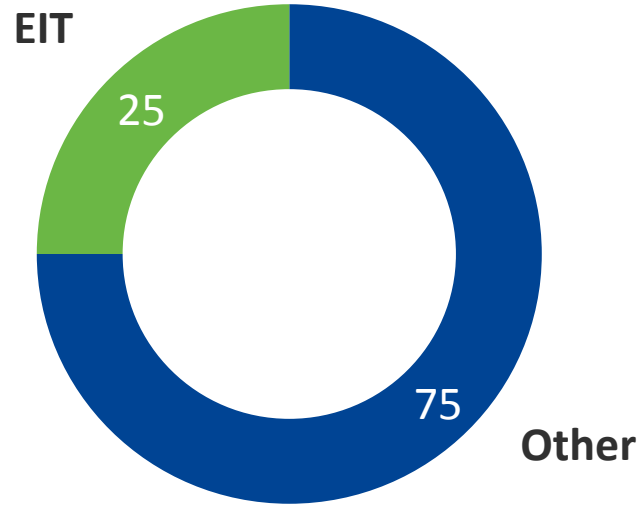
- EIT-KIC relations
- Simplification
- Monitoring, impact analysis and evaluation

# A unique offering: what we do



# EIT funding model – towards financial sustainability

EIT funding (EIT grant to the KIC): 25% of multiannual KIC budget



## 'Other' funding from a variety of sources:

- National/regional
- EU (non-EIT) e.g. FP7 research grant or structural funds
- Private funding
- Own resources





## Smart funding

**Leverage and pooling**

Put existing and new resources to work for innovation

**Financial sustainability**

Built-in KIC strategies towards financial sustainability

**Support and incentives**

Competitive funding, KPI scoreboard, monitoring strategy, business plan guidance  
**one goal:**  
impact



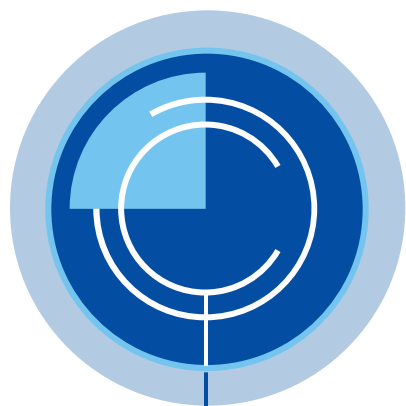
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# Financial sustainability



Setting up



Development



Achieving  
financial  
sustainability

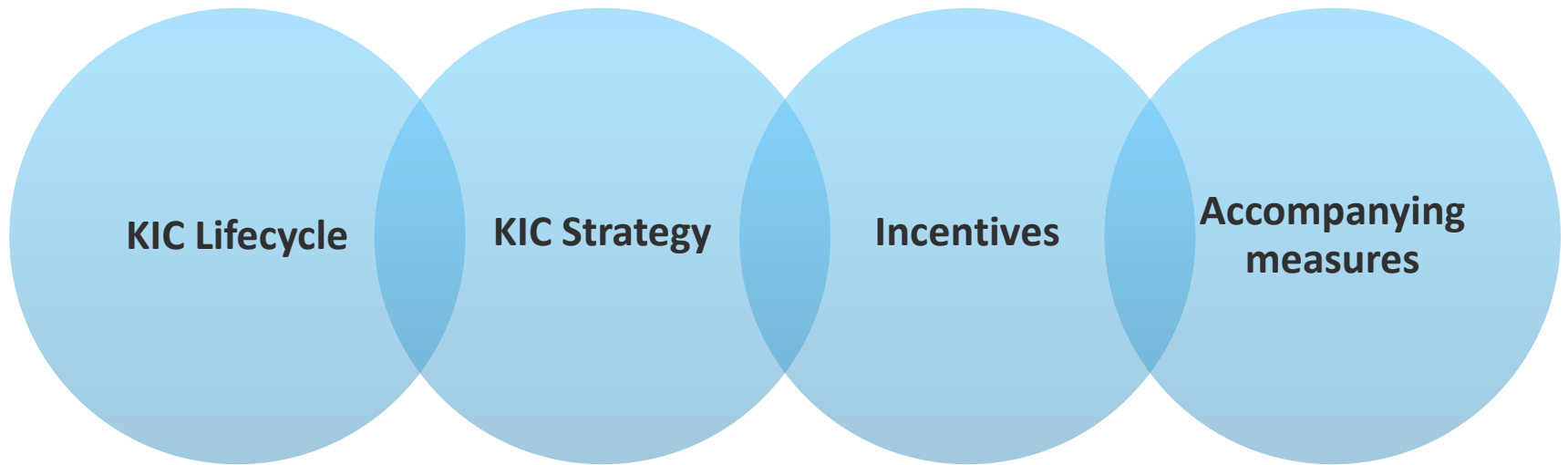


Financially  
sustainable

- Gradual reduction of dependence on EIT funding over time
- Integral objective of a KIC's business model
- Mobilising other funding sources is essential



# Financial sustainability



# Multi-level monitoring for impact

## Strategy review

- Aimed at assessing the Knowledge Triangle Integration and activity portfolio management of a KIC

## Activity review

- Aimed at assessing inflow and output for key activities

## Performance measurement system

- Aimed at assessing output and impact for all activities



# Providing support and incentivising performance

## Monitoring dimensions

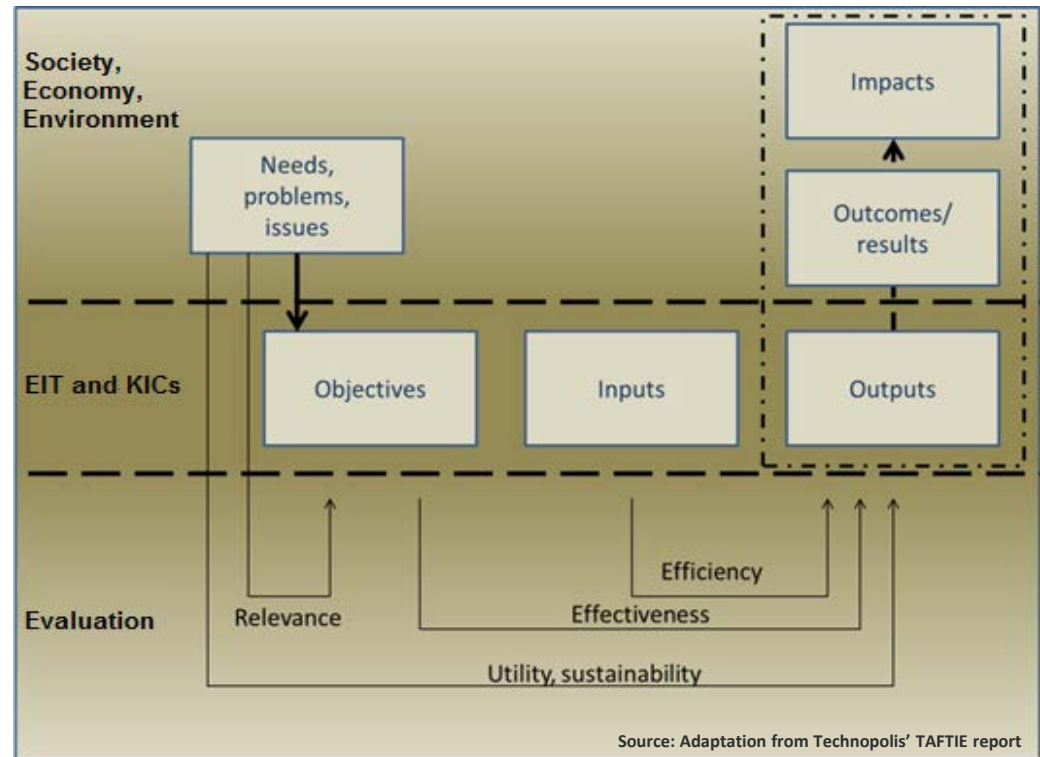
- H2020
- EIT
- Cross-KIC
- KIC internal

## Support

- Contributing to KICs' long-term strategy

## Competitive

- Rewarding performance and ambition in the short-term



## 2015 monitoring action plan

- **Revision of the EIT/KIC impact models**
- **Pilot monitoring activities**
- **Reviews:** Knowledge Triangle agendas (Business Creation, Education, Research/Innovation), KPI review, complementary-KIC-added value activity review

# EIT Community: first achievements

Climate-KIC, EIT ICT Labs and KIC InnoEnergy are growing into thriving European innovation hubs:



**24,162**

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



**1028**

number of graduates



**1141**

number of business ideas incubated



**205**

number of start-ups created



**558**

number of knowledge transfers/adoption



**280**

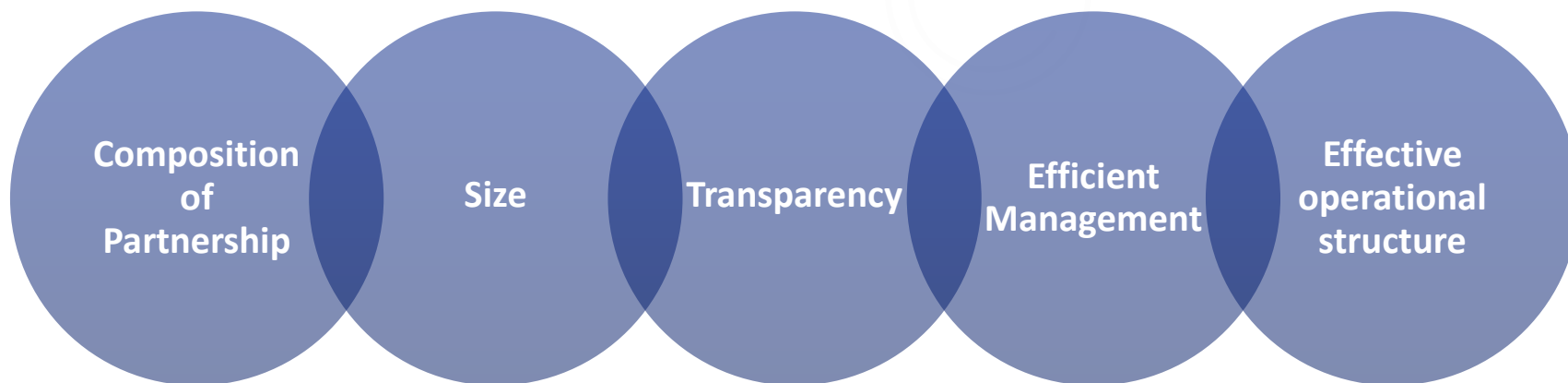
number of new or improved products, services and processes launched



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Figures – February 2015  
Inc. forecast 2015

# Good Governance: principles





14.45-15.30

## The EIT's first three KICs: Strategy, Achievements and Priorities

- 10' Climate-KIC
- 10' EIT ICT Labs
- 10' KIC InnoEnergy
- 15' Discussion



# Climate-KIC

Making an impact



Climate-KIC is supported by the EIT, a body of the European Union



# The climate challenge is urgent....



1. **Transitioning to low carbon cities – where we live**
2. **Adaptive water management – the natural environment**
3. **Zero carbon production systems – carbon-free manufacture**
4. **Measuring climate change and managing its drivers – climate mitigation**



IMPACT FOR:



Nobel Laureate Symposium, Hong Kong  
22-25 April

Business & Climate Summit, Paris  
20-21 May

Our common future under climate change, Paris  
7-10 July

Innovation Festival, Birmingham  
29-30 October

Climate-KIC side-event at COP21, Le Bourget / Paris  
1-12 December

ECCA Copenhagen  
12-14 May

World Summit on Climate and Territories, Lyon  
1-2 July

Sustainable Development Summit, New York  
15-27 September

Climate-KIC event at Grand Palais, Paris  
4 December

Caring for Climate Business Forum, Paris  
7-9 December



COP21 Paris  
30 Nov – 11 Dec

Our community is investing €645.8 million....



The image features a central map of Europe with colored dots (purple, yellow, green, blue) indicating investment locations. Surrounding the map are logos of various partner organizations, including:

- Imperial College London**
- Bayer Technology Services**
- Institute for Sustainability**
- PIK**
- VELUX**
- Universiteit Utrecht**
- ARCADIS** (Infrastructuur · Water · Milieu · Gebouwen)
- ETH**
- TNO** (innovation for life)
- TU Delft** (Delft University of Technology)
- GDF SUEZ**
- cea**
- Schiphol Group**
- south pole** (carbon)
- CHALMERS** (UNIVERSITY OF TECHNOLOGY)
- KLM**
- UPMC** (SORBONNE UNIVERSITÉS)
- WAGENINGEN UR** (For quality of life)
- DTU**
- ivACE** (INSTITUTO VALENCIANO DE COMPETITIVIDAD EMPRESARIAL)
- Technische Universität Berlin**
- INRA** (Institut National de la Recherche Agronomique)
- Deltares** (Enabling Delta Life)
- GFZ** (Helmholtz Centre POTSDAM)
- ASTER**
- Birmingham City Council**
- UNIVERSITÉ DE VERSAILLES** (ST-QUENTIN-EN-YVELINES)
- GRUNDFOS**
- JÜLICH** (FORSCHUNGSZENTRUM)
- UNIVERSITY OF COPENHAGEN**
- Knight Frank**

# ..creating impact through climate innovation

## Education

- **46 EIT labelled Masters** students graduated in 2014
- To date over **800 students** have worked on over **100 climate change business ideas**, and **25% of students** now have successful ideas on the market in 2014
- 2014 saw the soft launch of **Climate Business School**
- **Alumni Association** has over 1200 members and growing



## Entrepreneurship

- **216 business ideas** incubated in 2014
- **64 stage three start-ups** have raised a combined total of **€68 million** of external funding
- Launched in 2014, the **ClimateLaunchpad** competition was held in **11 countries**
- The 2014 **Venture Competition** included **12 high-potential start-ups** from across our locations



## Innovation

- **12 new products or services** launched into the marketplace
- **33 Pathfinder** projects that identify and demonstrate innovation opportunities
- **27 Innovation projects** that develop products and services to address climate change issues
- **5 Flagship programmes** of open innovation working across our European portfolio



# ...next steps 2015....

## Education

### Climate graduate school

- Masters and PhD Labels
- Greenhouse
- Summer Schools
- Spark! Lectures

### Business school

- Executive Education
- Pioneers into Practice

### Online education

- E-learning platform
- Massive Open Online Programmes (MOOPS)
- Massive Open Online Courses (MOOCS)



## Entrepreneurship

### Start-up Creation: Ideation

- ClimateLaunchpad
- Open Innovation Slam

### Start-up Creation: Acceleration

- Climate-KIC Accelerator
- Extend programme to Climate-KIC regional centres
- Start-up Tour
- Master Classes
- Climate Market Accelerator
- Venture Competition

### SME Climate Business

- SME vouchers

### Investment for Growth

- Introduce revenue sharing for stage 3 start-ups grants



## Innovation

- **Building Technology Accelerator**  
- addresses the climate impact of new building technologies

- **Smart Sustainable Districts**  
- enabling the testing and scaling-up of integrated innovations

- **Low Carbon Lab (LoCaL)** - Helping cities to understand, plan and act on their emissions

- **Climate Smart Agriculture** – develop technologies in Europe; including new agricultural practices

- **enCO2re** - enabling CO2 re-use





...and further EIT & KIC collaboration.....

- **Elearning**
- **Branding**
- **Sharing best practise**
- **Networking our partners**
- **Collaborate on common themes**





# Thank you

[www.climate-kic.org](http://www.climate-kic.org)

 @ClimateKIC



Climate-KIC is supported by the  
EIT, a body of the European Union



# EIT ICT Labs

## *European entrepreneurs in digital innovation & education*



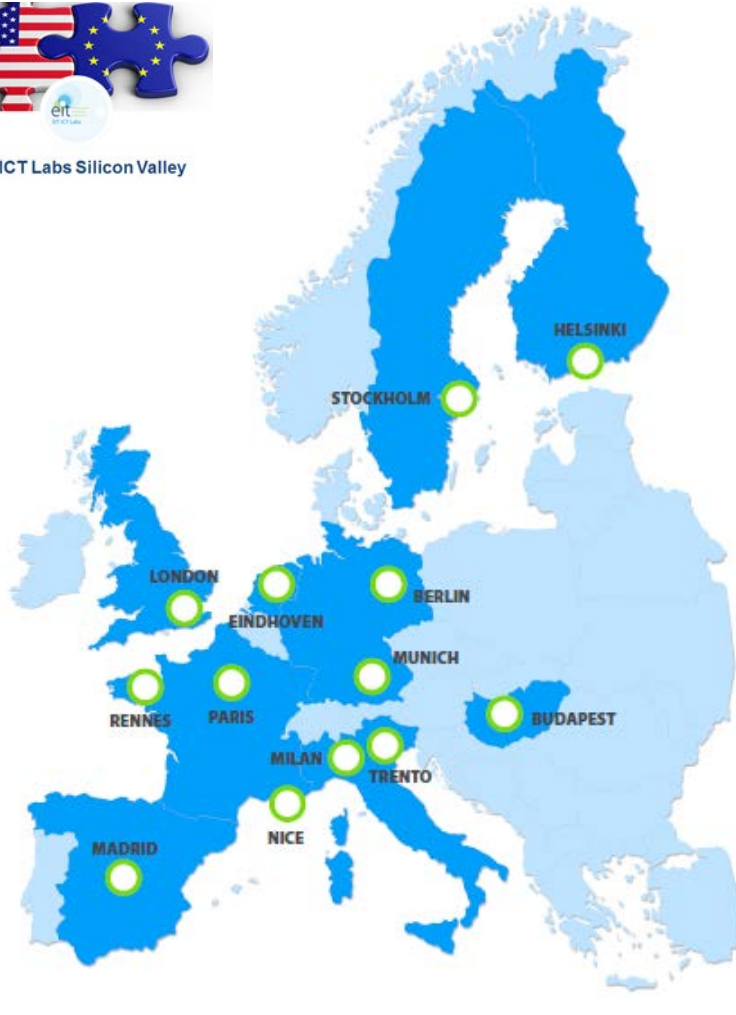
***Foster entrepreneurial talent and innovative technology  
for economic growth and quality of life***

# Trusted European ICT ecosystem

*Building on excellent partners*



EIT ICT Labs Silicon Valley





# Growing Co-Location Centers

*Create winning physically co-located teams*



**London** (since 2014)



**Stockholm** (since 2010, expansion planned for 2015)



**Helsinki** (move to Open Innovation House in 2012)

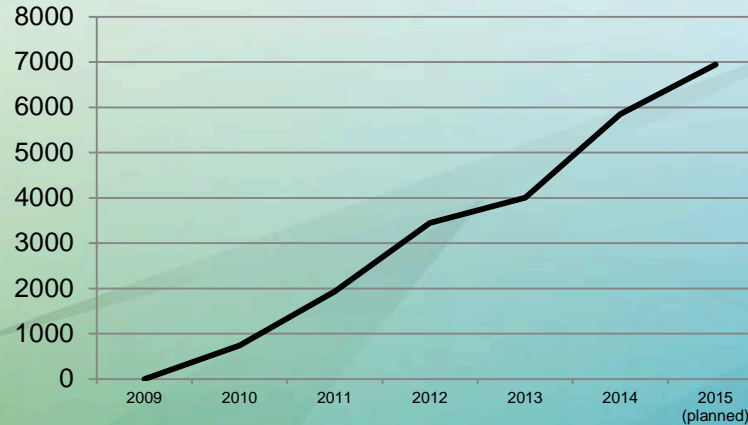


**Berlin** (since 2011, expansion planned for 2015)



**Eindhoven** (move to new CLC at High Tech Campus in 2014)

**CLC Size (m<sup>2</sup>, total)**



**Munich** (since 2013)



**Rennes** (since 2012)



**Paris** (since 2010)



**Budapest** (since 2012)



**Sophia-Antipolis** (since 2014)



**Milan** (since 2014)



**Trento** (since 2012, expansions in 2013 and 2014)



**Madrid** (since 2013)

# Education

## *Breeding Entrepreneurial Digital Skills*



**BLENDED EDUCATION**





# Schools

*Delivering ICT talents to grow Europe*



**Master School – Tomorrow's ICT Innovators and Entrepreneurs**



**Doctoral School – Tomorrow's ICT Leaders**



**Professional School – Life-long at the frontier of ICT innovation**



# Innovation & entrepreneurship

*Driving ICT solutions to the market*



**Select**  
*from our eco-system and beyond*

Technologies

Research Results

Business Strategies

Regular Activities  
Hlls  
Start-ups

**Grow**  
*through our eco-system*

Cyber-Physical Systems

Future Cloud

Future Networking Solutions

Future Urban Life and Mobility

Health & Wellbeing

Privacy, Security & Trust

Smart Energy Systems

Smart Spaces

**Succeed**  
*in world markets*

**European success stories**

# Leverage the strength of Europe

## *Delivering Digital solutions in areas strategic for Europe*



# Our X-Europe programme

*Growing digital innovation across Europe*



## Strategy

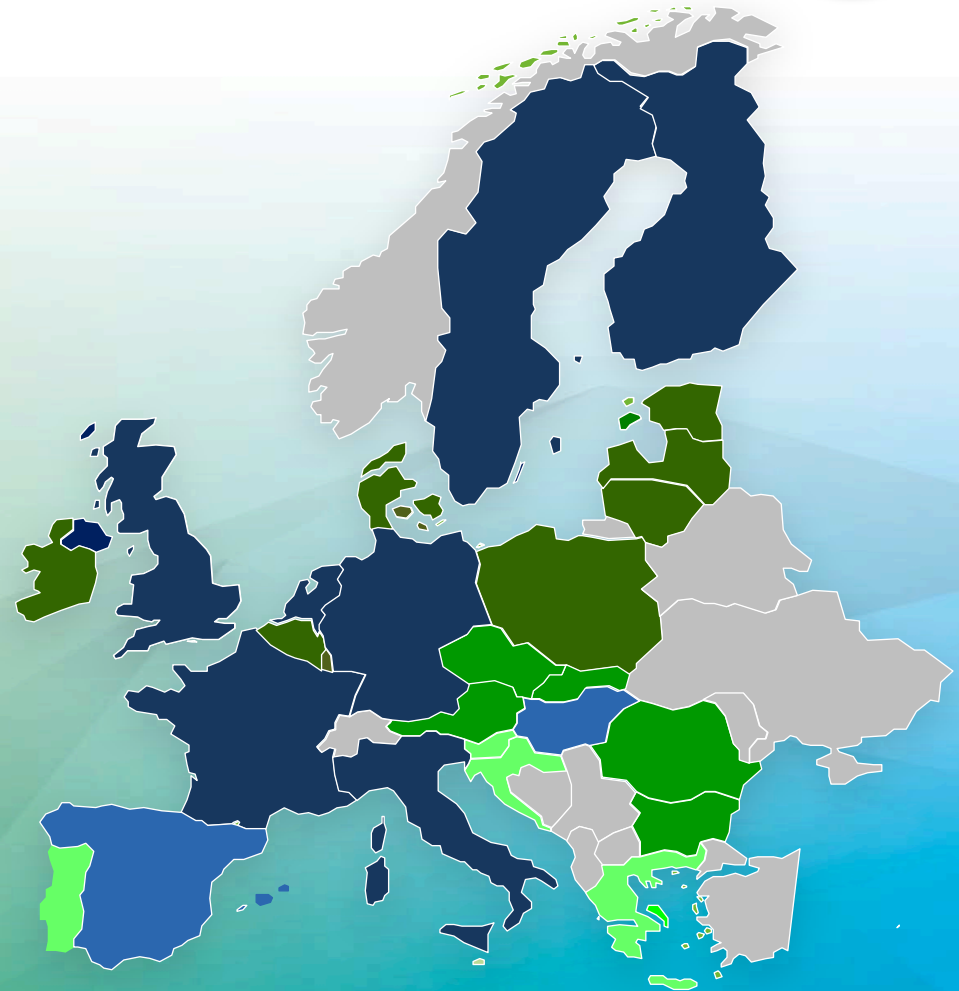
- Implementation of EIT RIS
- Centered around Action Lines
- Stimulate regional Digital Innovation Centers

## Ambition for 2015

- 3-4 regional Digital Innovation Centers

## Execution

- Build on 2014 successes
- 3 X-Europe Regions
- Open call for regional Digital Innovation Centers



■ EIT ICT Labs Node countries  
■ EIT ICT Labs Associate Partner countries

■ X-Europe Region 1  
■ X-Europe Region 2  
■ X-Europe Region 3





***[www.eitictlabs.eu](http://www.eitictlabs.eu)***

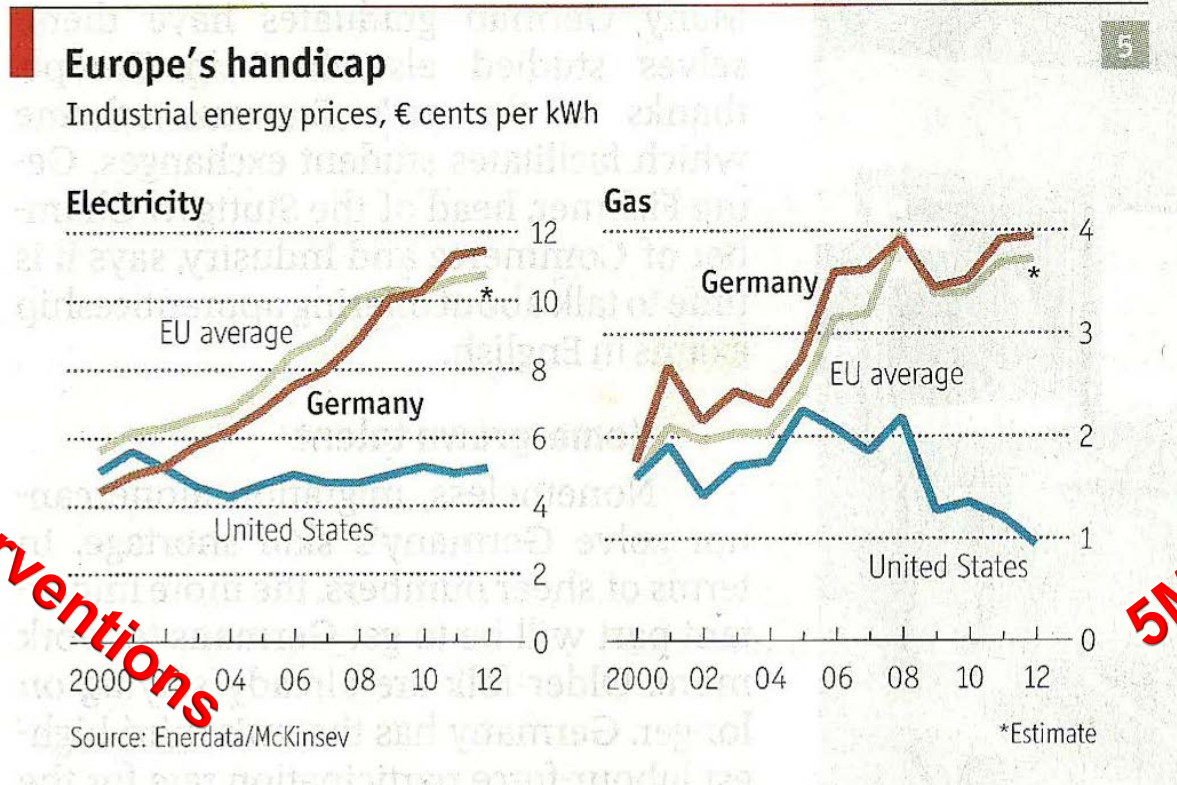
# KIC InnoEnergy

The leading engine for innovation and entrepreneurship in sustainable energy

## EIT Member State Configuration

# The energy sector in the EU

.. a unique challenge ....



700+ interventions

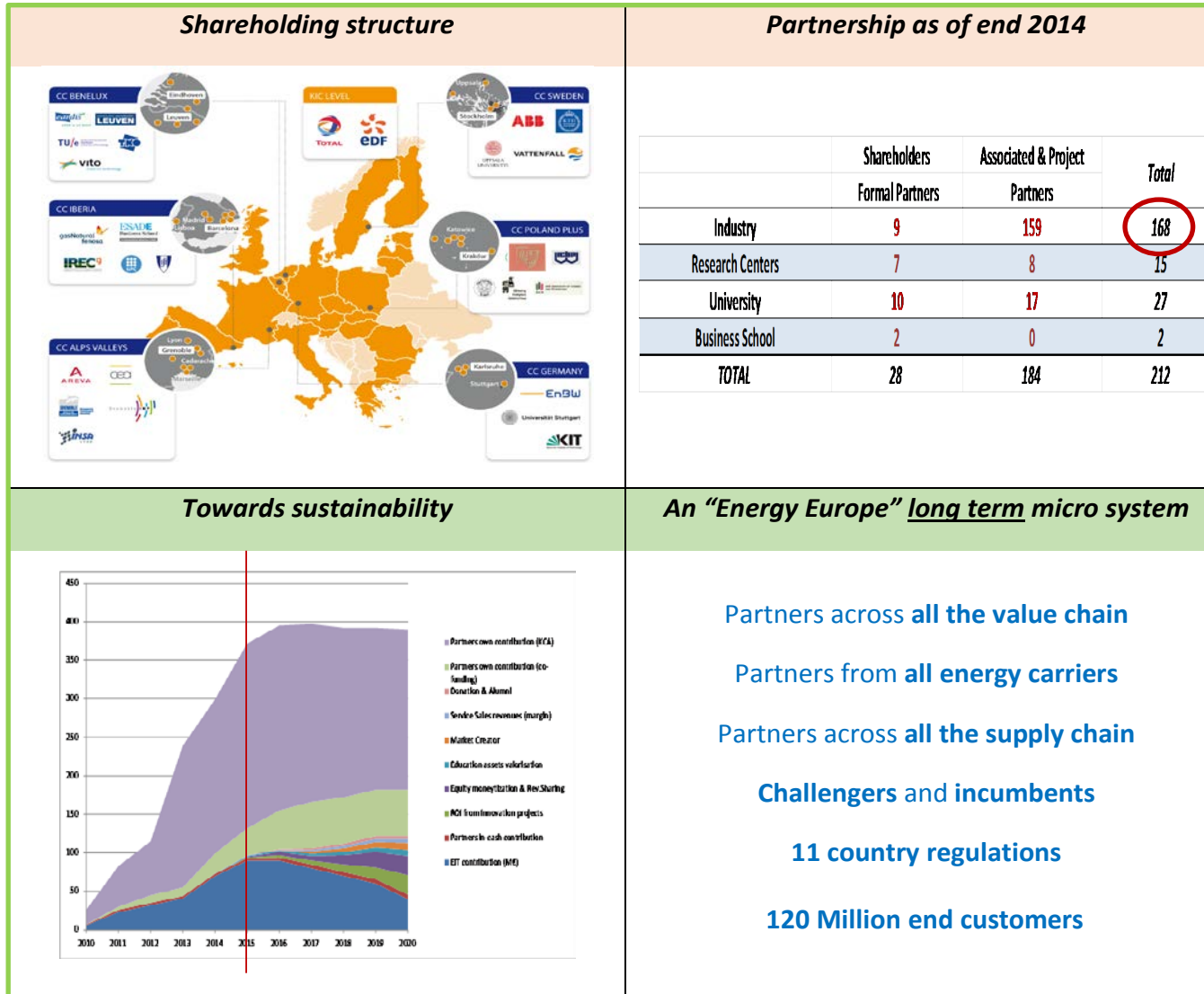
5M jobs lost

3 impacts to be achieved

↓ Cost of energy (€/kwh), ↓ GHG emissions, ↑ security of supply

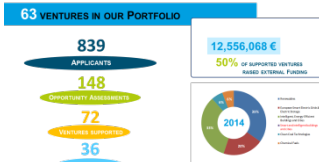


### The leading engine for innovation and entrepreneurship in Sustainable Energy



# KIC InnoEnergy: A reasonable harvest 2011-2014

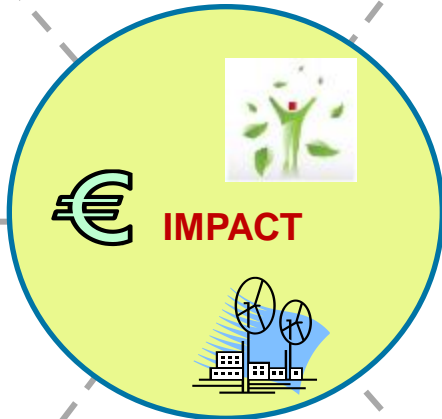
## ... creating structural impact, complementing other EU instruments...



**Early stage focus**



**Education**  
**280 Graduates Game changers**  
**populating industry and PRO**  
**96% graduates with job in 6 m.**



**Business Creation**  
**43 start-ups created, post revenue**  
**12,5M€ external investors**

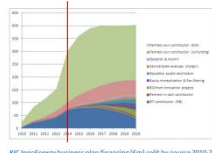
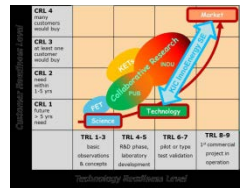
**Innovation Projects**  
**60 new products and services**  
**59 patents filled (1 patent/2M€)**  
**600M€ co-invested**

**Synergies with EU**  
**SET Plan, Outreach/S3, H2020**

**Integrating Knowledge Triangle**  
**100+ KT transactions**  
**From 27 partners to 220+**  
**A micro energy system**

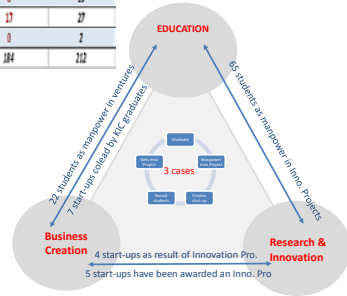
Consultation with the SET-Plan Steering Group

Area	Outcome
Business	...
Technology	...
Education	...



	Shareholders		Total
	Formal Partners	Associated & Project Partners	
Industry	9	159	168
Research Centres	7	8	15
University	10	17	27
Business School	1	0	2
<b>TOTAL</b>	<b>28</b>	<b>184</b>	<b>212</b>

**Sustainable**  
**Equity in 43 start-ups**  
**57 ROI term sheets signed**  
**Account Management Program**

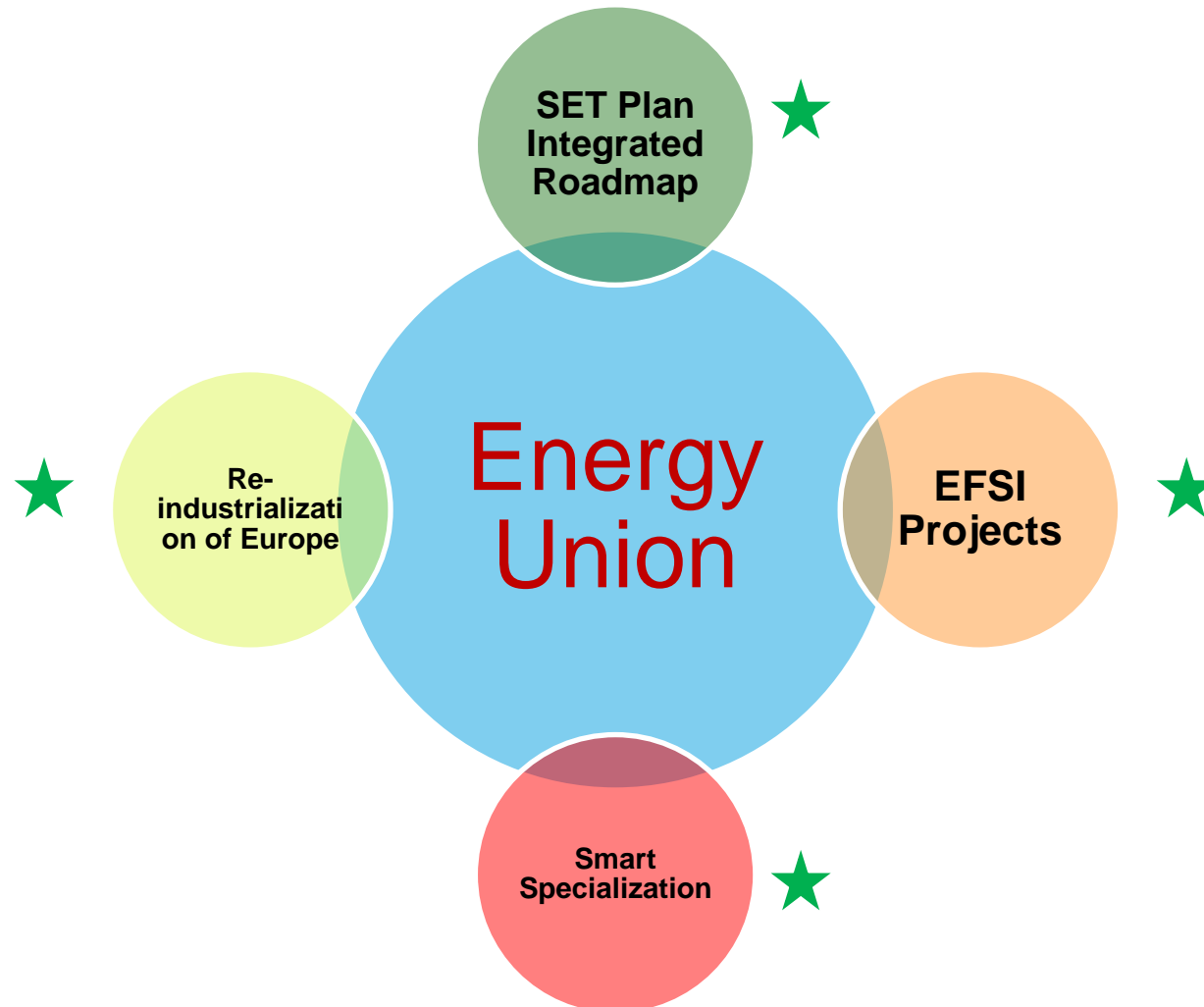


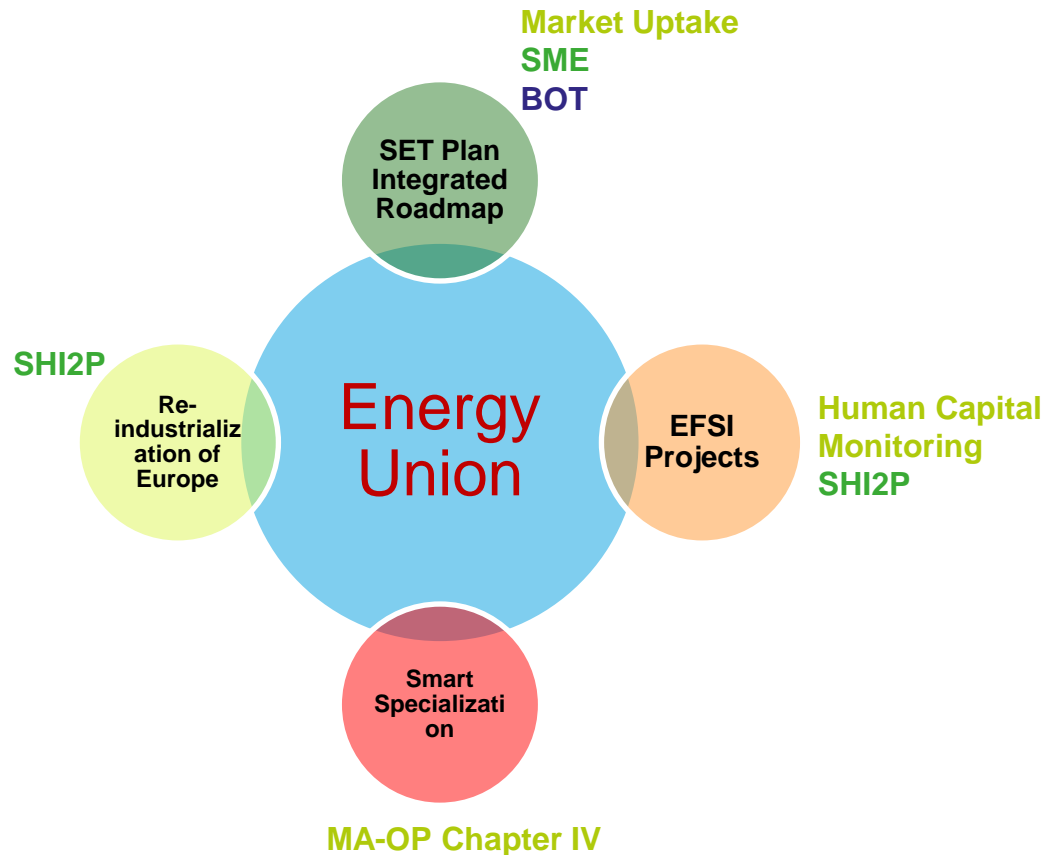
# KIC InnoEnergy: Ambitiously looking into the future

... ready to contribute to shape the future EU energy landscape ...



**A unique opportunity to shape a better future for Europe**  
**More competitive, with more jobs**  
**Europe - reloading**





## KIC InnoEnergy contributing to:

**ADVISE / CO-CREATE**  
EC + other stakeholders (EIB)

**IMPLEMENT**  
innovation & investment  
programmes

**EXPERIMENT**  
INNOVATIVE  
MARKET UPTAKE

**Thank you**

15.30-16.00

## The EIT's two new KICs: Progress on the Setting-up

- 5' EIT Health
- 5' EIT Raw Materials
- 20' Discussion





EIT Health

# Update to the EIT Member State Configuration

*Report from the interim CEO Ursula Redeker*



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

Dr. Ursula Redeker | Budapest | INNOVEIT | 7 May 2015

# Agenda

1. Setting up EIT Health
2. Our Strategic Direction
3. Building the 2016 Business Plan



# Our Ambitions – the successes to date



Systematically strengthen the European Healthcare Industry in the global competition.



Gear up health care innovation towards the challenges of demographic change.



Further develop the performance of healthcare through better integration of capacities and new innovative products and services.



Share knowledge and grow talent and skills.

## EIT Health Structure

- Community with **critical mass** in all relevant sectors
- More than 140 partners in **six CLCs**
- InnoStars to broaden **outreach** across Europe

## Set-up on track

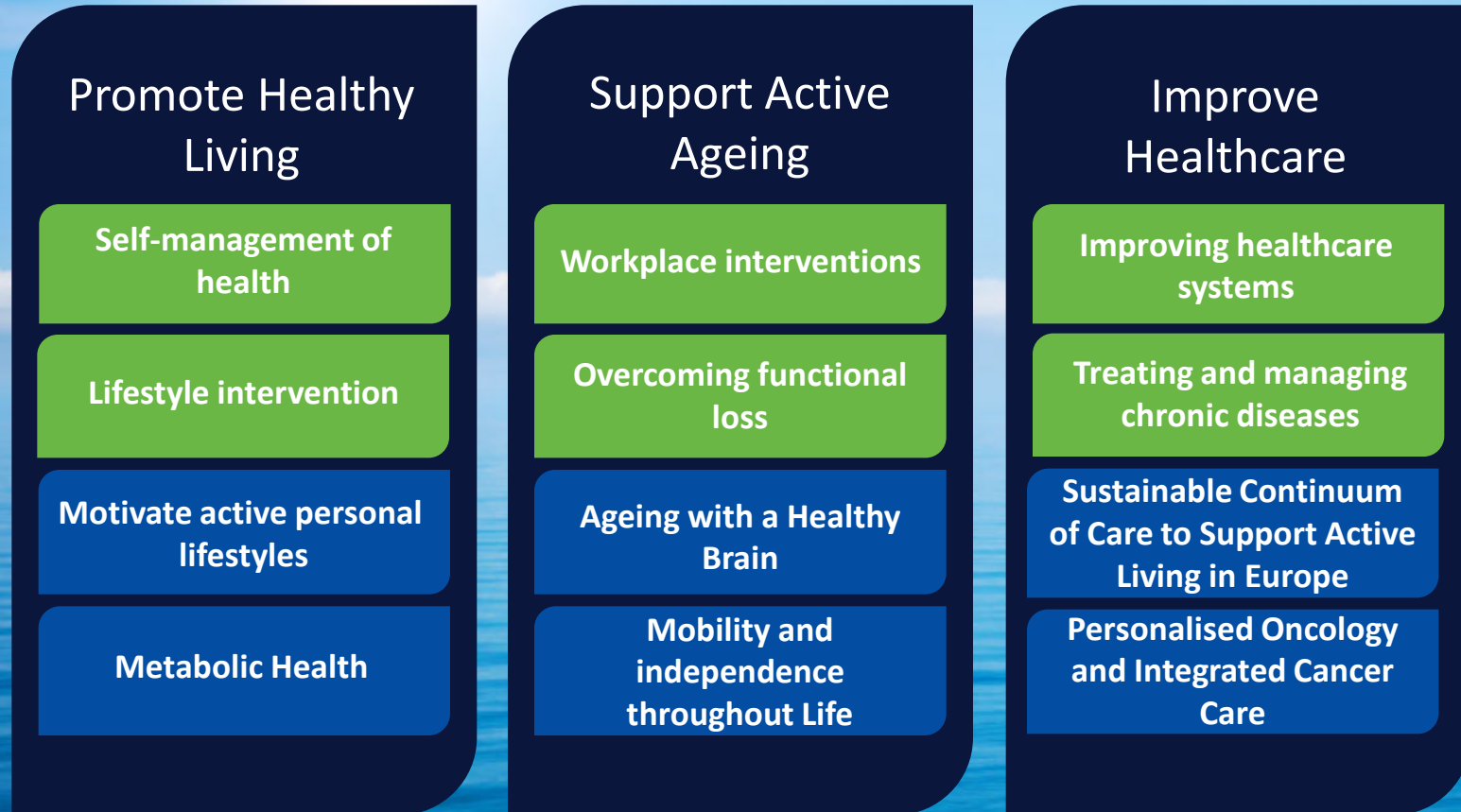
- Legal structures are being established across Europe
- HQ will be in Munich at TUM Campus (association)
- CEO Selection is on-going following Europe-wide call

## Development path

- EIT Health open to admit excellent partners
- Project partners can join at CLC level as of now
- New Core and Associate partners can join from 2017

# Our strategic direction

Activities fostered in innovation Projects, the Campus and the Accelerator will contribute to achieving our strategic objectives



# Building the 2016 Business Plan

## Developing strong projects and multi-disciplinary teams

- Calls for innovation projects have been launched (15 April) and are currently open (deadline 22 June)
- Brokerage event taking place in Munich on 7/8 May to prepare projects and project partnerships
- Expression of interests for Campus and Accelerator activities have been elaborated in thematic workshop across Europe with strong response since the beginning of the year.
- More than 500 persons currently actively involved

## Building a comprehensive portfolio of projects and implement monitoring framework

- The management team will build a project and activity portfolio that contributes to long-term sustainability already from 2016
- EIT Health will create impact across strategic dimension with the launch of first activities
- Implement monitoring framework to track expected outcomes



[eit-health.eu](http://eit-health.eu)

**THANK YOU**



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





RawMaterials

# Status Update EIT Raw Materials

Karl Vrancken – INNOVEIT – 7 May 2015

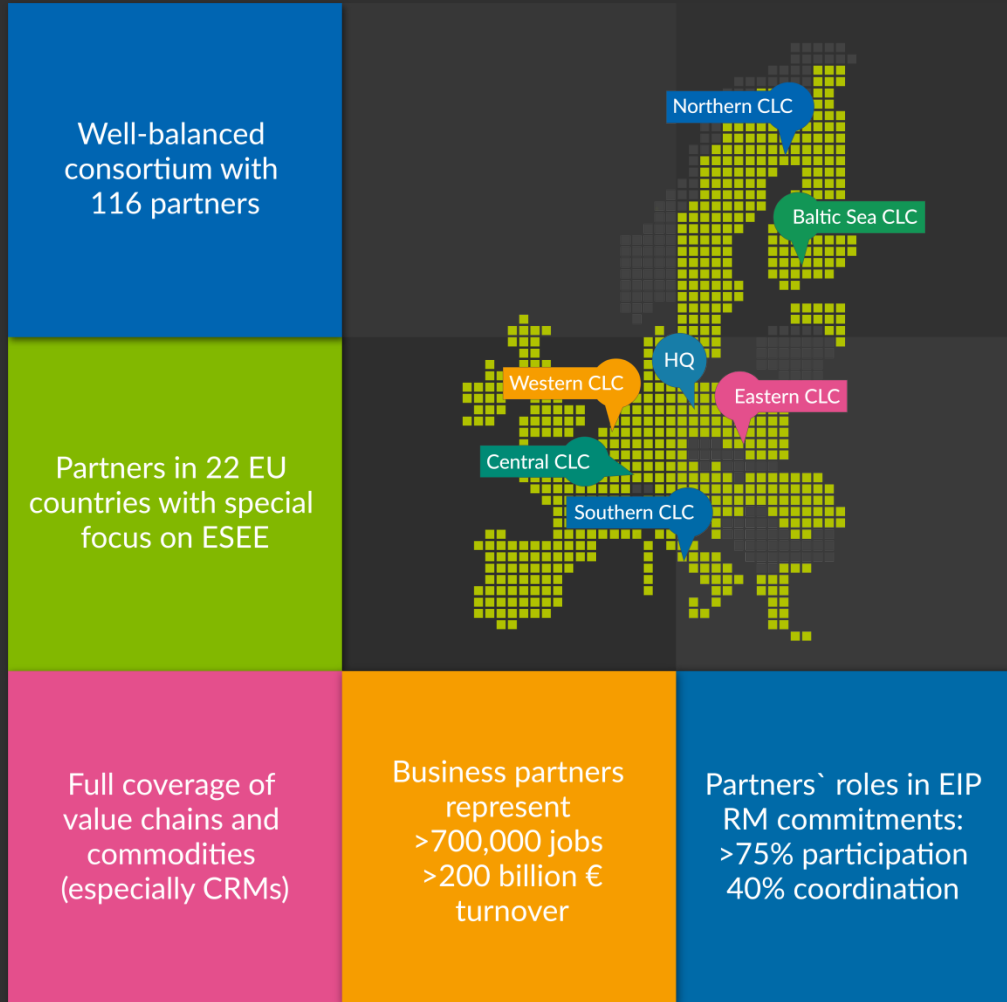


EIT RawMaterials is supported by the EIT,  
a body of the European Union



# A pan-European network of Excellence

- How did we get there?
  - Building trust and consensus over 2 years
  - Think 'KIC'
  - Cross silos
- Status of Partnership
  - Setting up LE and FPA
  - Closed until 2016





# 15 KAVA Types

## Matchmaking & Networking

1. InfoCentre
2. Matches
3. Idea Camp
4. Intrapreneurship  
Facilitator

## Education & Learning

7. PhD Education
8. Master Education
9. Lifelong Education
10. Wider Society  
Learning

## Validation & Acceleration

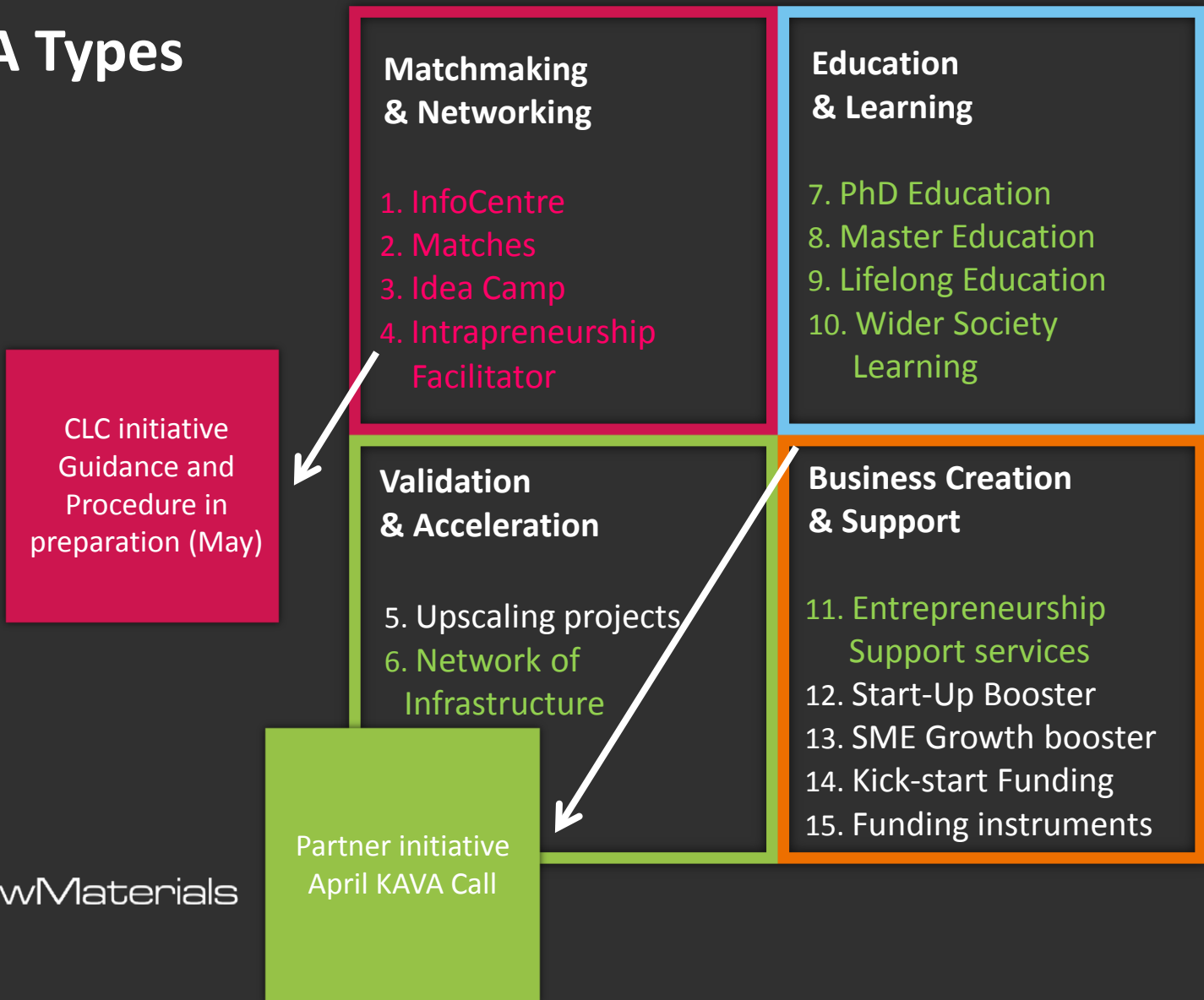
5. Upscaling projects
6. Network of  
Infrastructure

## Business Creation & Support

11. Entrepreneurship  
Support services
12. Start-Up Booster
13. SME Growth booster
14. Kick-start Funding
15. Funding instruments

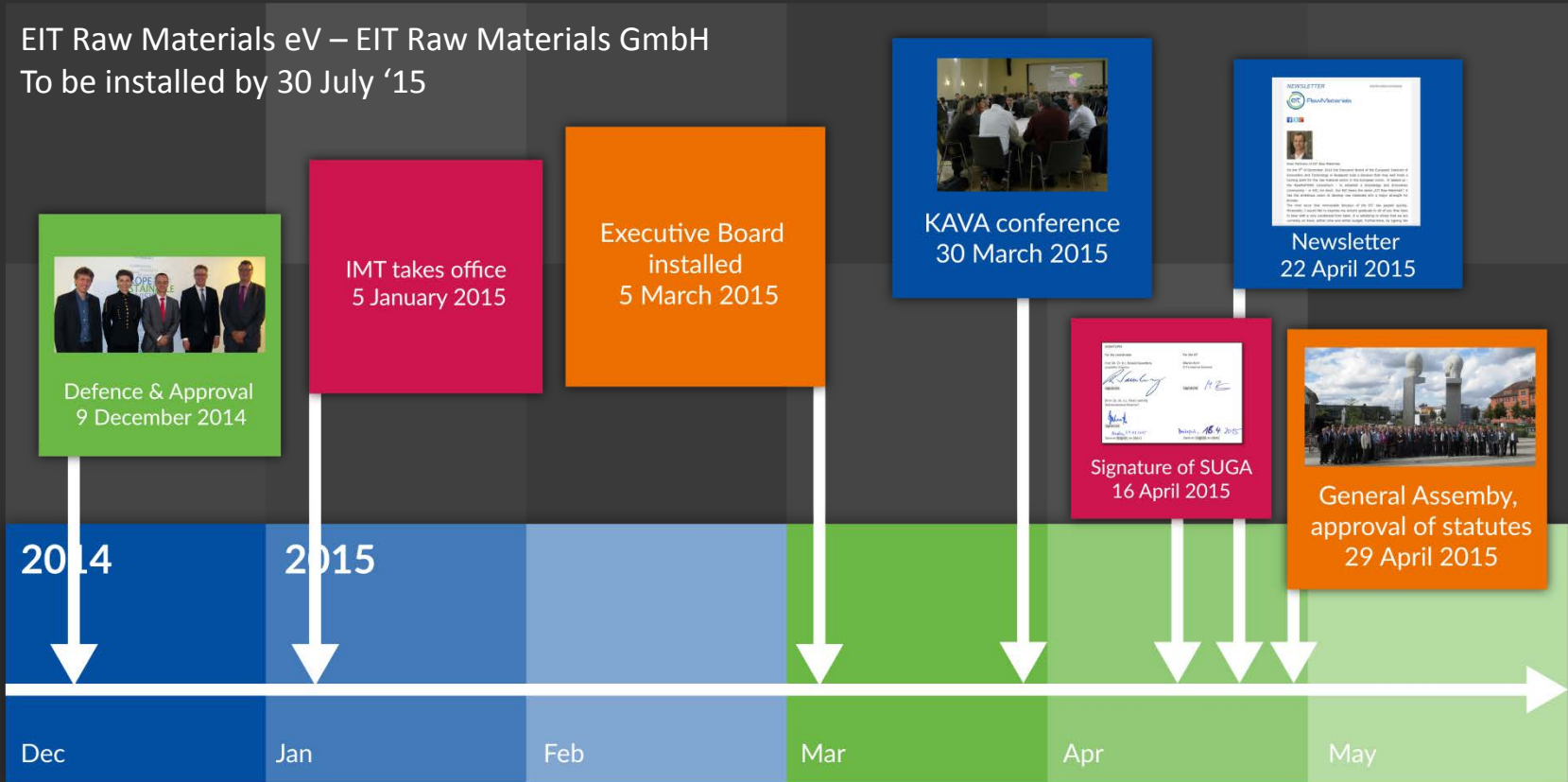


# 15 KAVA Types



# Legal and Operational Readiness

EIT Raw Materials eV – EIT Raw Materials GmbH  
To be installed by 30 July '15





# OUR VISION

To develop raw materials into a major strength for Europe







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**COFFEE BREAK**

16.15-17.00

**EIT Calls for KIC Proposals:  
Lessons learnt, Outlook and Roadmap  
by the EIT Interim Director, Martin Kern**

- 15' Lessons learnt
- 30' Discussion

# 2016 Call for KICs



## EIT Food

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



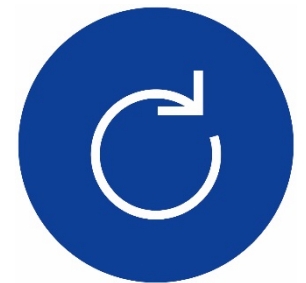
## EIT Manufacturing

**Added-value manufacturing\***

# 2016 Call for KICs

The Call is being developed based on:

- Lessons learnt from the 2009 and 2014 Call for KIC Proposals (the 2016 Call will in principle follow a similar approach)
- Recent developments of the KIC model (e.g. in the areas of impact, financial sustainability, and monitoring)



# Key Principles for the 2016 Call for KIC Proposals



Simplification

Alignment  
with  
Horizon 2020

Excellence

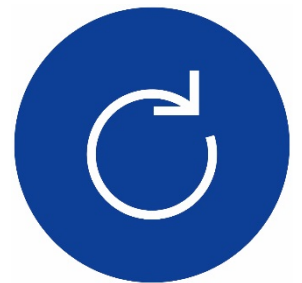
EIT's 2016  
Call for KICs



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# Simplification

- **Simplified evaluation process** with no Final Recommendation Panel.
- Three overarching selection criteria (Strategy, Operations and Impact) will remain unchanged but **sub-criteria to be simplified** taking recent developments of the KIC model into account.
- **More specific definition** of EIT approach to financial sustainability, governance model and Co-Location Centres.





# Alignment with Horizon 2020

- Publication of the Call on the **Participant Portal** and broader use of the Horizon 2020 Submission and Evaluation Programme where possible.
- **Call Text** to focus on **evaluation and selection procedure** (with presentation of the KIC model in the Framework of Guidance); H2020 terminology to be aligned.



# Excellence

- **Setting thresholds** (only excellent proposals to be considered for the Hearings with the EIT Governing Board).
- **Increase competition of the call**
  - maximum 50 partners **per proposal at the proposal stage**;
  - up to 5 Co-location Centres **per proposal at the proposal stage**;
  - selection criteria, Framework of Guidance, model Framework Partnership Agreement & Grant Agreement to be published in 2015.

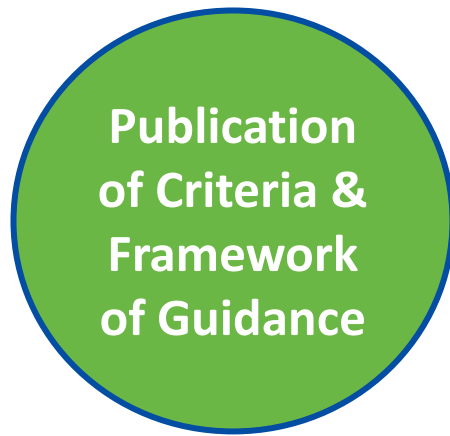


# Raising Awareness

- Organisation of EIT Awareness Days (upon request)
- Awareness activities through the **National Contact Points** network
- Dedicated site for the 2016 KIC Call on [eit.europa.eu](http://eit.europa.eu) – Q2 2015
- **2016 KIC Call Information Day**: Q1 2016
- Active EIT participation in the events organised by the European Commission services to promote the Call for KIC proposals



# Indicative Timeline for the Publication of the 2016 Call for KIC Proposals



Q4



Q1



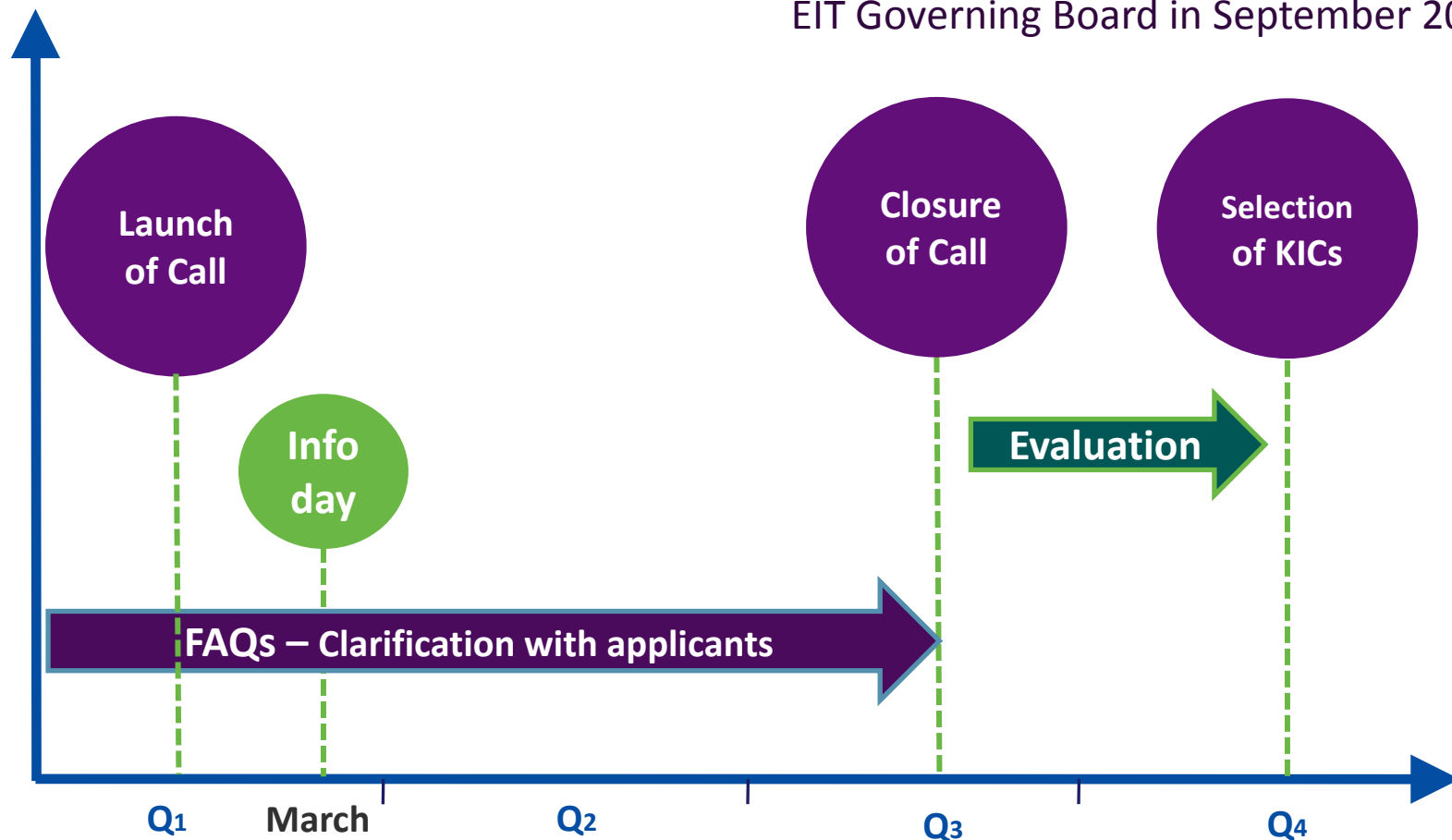
2015

2016



# Indicative Timeline: submission & evaluation process

Specific dates will be approved by the EIT Governing Board in September 2015



17.00-17.15

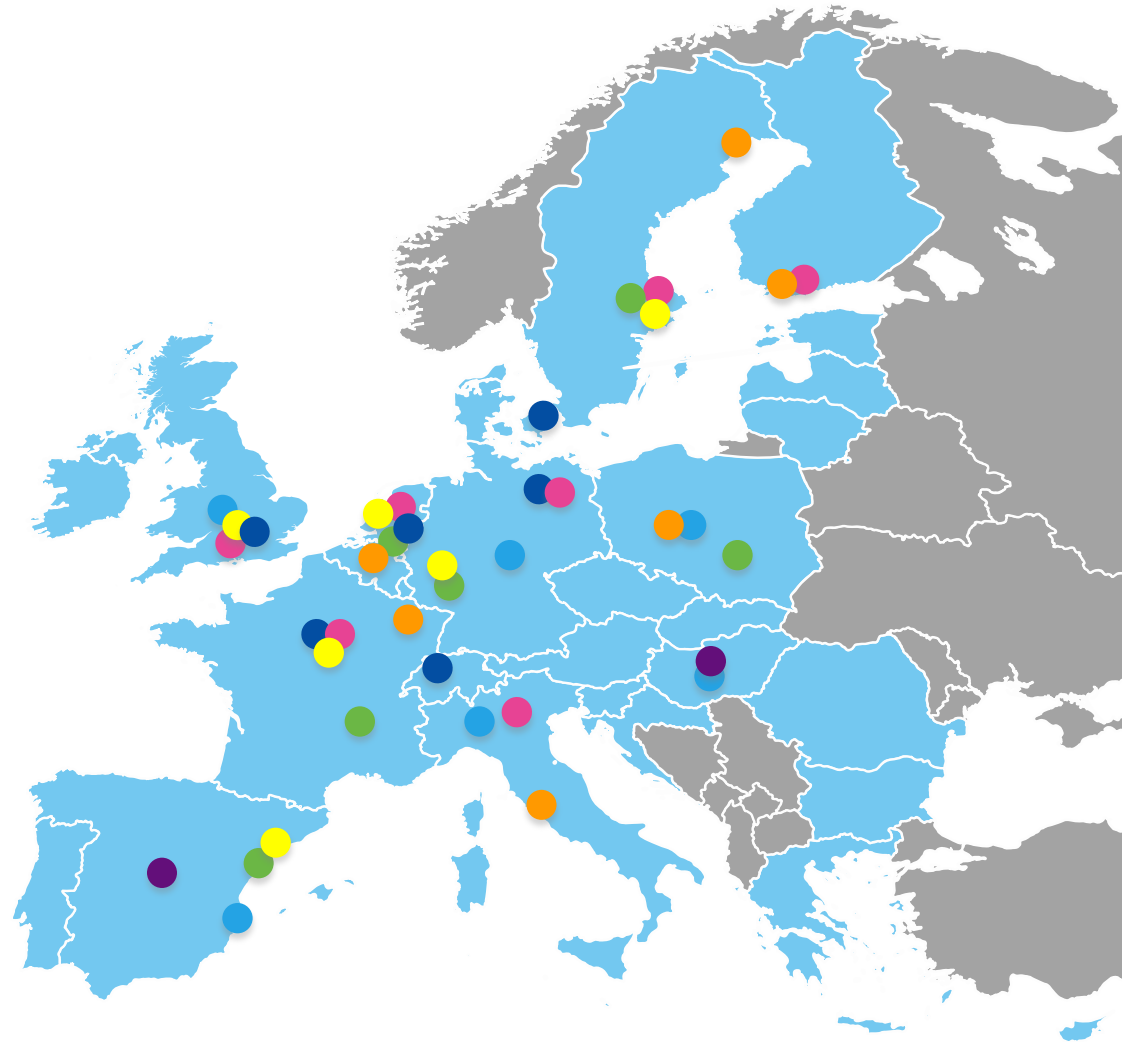
**Widening participation in the EIT KICs:  
Operationalisation of the EIT Regional Innovation  
Scheme (EIT RIS)**

by the EIT Interim Director, Martin Kern  
(including discussion)



# EIT across Europe: KICs' Co-location Centres

<b>Climate-KIC</b>
● Co-location Centre
● Regional Centre (RIC)
<b>EIT Health</b>
● Co-location Centre
<b>EIT ICT Labs</b>
● Co-location Centre
● Associate Partner
<b>EIT Raw Materials</b>
● Co-location Centre
<b>KIC InnoEnergy</b>
● Co-location Centre



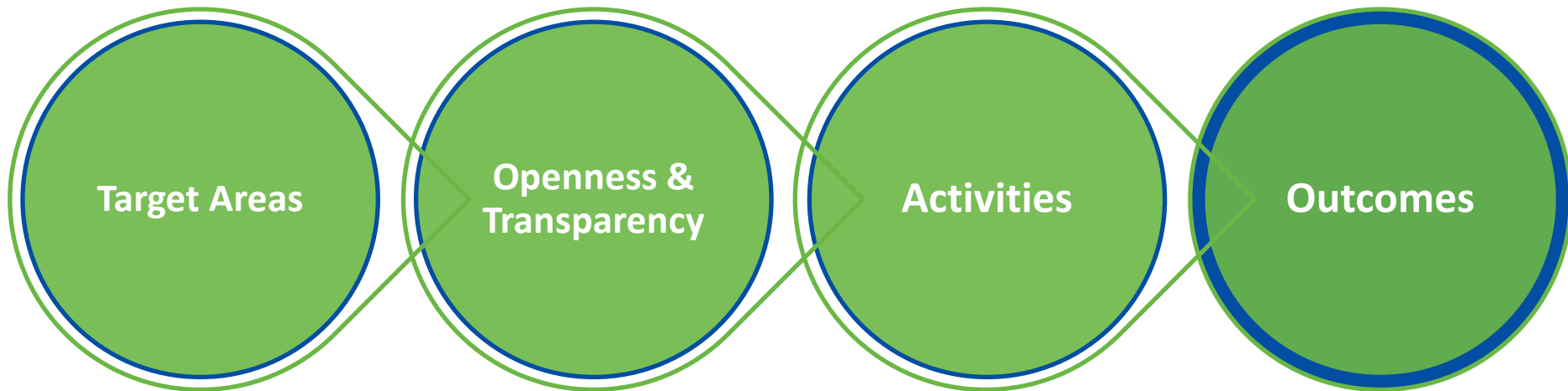
# EIT Regional Innovation Scheme (RIS)

- **Structured outreach scheme** aimed at increasing the innovation capacity in regions not directly 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 (EIT RIS)

- Fine-tuning of the EIT RIS over the past few months in cooperation with the KICs.
- With a view to reach the strategic objectives and achieve impact a further specified and targeted approach will be implemented as of 2016.
- New approach takes into consideration the lessons learnt from the pilot implementation of 2014.



17.15-17.30

## AOB and Closure by Martin Kern

- *modus operandi* for interaction and invitations
- other pertinent issues
- feedback



**Innovate with us!**



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