The EIT and the KICs

Meeting of representatives of European affairs - French rectors conference

18 March 2015
Content

1. The EIT & KICs: achievements and results

2. Strategic Priorities: the EIT Strategic Innovation Agenda

3. Calls for KICs
The EIT & KICs: achievements and results
Mission:

to contribute to sustainable European economic growth and competitiveness by reinforcing the **innovation capacity** of the EU...

... by promoting and integrating the **knowledge triangle** of higher education, research and business
Key features

- Overcoming fragmentation via world-class long-term integrated partnerships
- Adding value to the existing research base, by accelerating the take-up and exploitation of technologies and research outcomes
- Integrating education and entrepreneurship with research and innovation
- Nurturing Europe's main innovation asset: its highly talented people
- Operating according to business logic and a results-oriented approach
- Leveraging investment, notably private funding

Boost the innovation process from...

- student to entrepreneur
- idea to product
- lab to customer
Knowledge and Innovation Communities

Main characteristics

- **long-term strategic** approach (each KIC is set up for a min. of 7 years)
- **high degree of integration** (each KIC is a legal entity)
- **effective governance**: leadership by a Chief Executive Officer and a lean management team at central and co-location level
- the **co-location** model (each KIC consists of typically 5-6 cluster-like nodes with a clear geographic anchoring)
- **sufficient autonomy and flexibility**: to determine organisational structure and activities governed by a Board of KIC partners organisations
- clear targets and deliverables (each KIC sets up a business plan with measurable deliverables)
- **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 – public and private)

**NO ONE-SIZE FITS ALL KIC MODEL !!!**
Knowledge and Innovation Communities

**Climate-KIC**
- Climate change mitigation & adaptation
  - Greenhouse monitoring
  - Adaptation services
  - Making transitions happen
  - Sustainable city systems
  - Built environment
  - Land & water
  - Industrial symbiosis
  - Developing a bio-economy

**KIC InnoEnergy**
- Sustainable energy
  - Clean Coal Technologies
  - Energy from Chemical Fuels
  - Energy Efficiency
  - Electricity Storage
  - Renewable Energies
  - Smart Efficient Building & Cities
  - Sustainable Nuclear and Renewable Convergence
  - Smart Electric Grid

**EIT ICT Labs**
- Information and Communication Technologies
  - Cyber-Physical Systems
  - Future Cloud
  - Future Networking Solutions
  - Health & Wellbeing
  - Privacy, Security & Trust in Information Society
  - Smart Energy Systems
  - Smart Spaces
  - Urban Life and Mobility
116 partners from Austria, Belgium, Croatia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and the UK.

**EIT Raw Materials aims to:**
- Support and develop over 40 incubated ideas by 2018
- By 2018 create 16 start-ups
- More than 1000 Masters and PhD EIT Label graduates by 2018
- By 2022, EIT Raw materials aims to have commercialised already 70 patents

**Six Co-location Centres:**
- Baltic Sea Co-location Centre (in Espoo, Finland)
- Central Co-location Centre (in Metz, France)
- Eastern Co-location Centre (in Wroclaw, Poland)
- Nordic Co-location Centre (in Luleå, Sweden)
- Southern Co-location Centre (in Rome, Italy)
- Western Co-location Centre (in Leuven, Belgium)
142 partners from Belgium, Croatia, Denmark, France, Germany, Hungary, Ireland, the Netherlands, Poland, Portugal, Slovenia, Spain, Sweden and the UK.

EIT Health aims to:
- 90 new products/services annually by 2018
- 70 start-ups per year by 2018
- have 1,000,000 students taking part in its educational online programmes per year by 2018
- incubate approximately 80 new business ideas in 2016, rising to 140 in 2018.

Six Co-location Centres across Europe, with Headquarters based in Munich:
- London (UK/Ireland)
- Stockholm (Scandinavia)
- Barcelona (Spain)
- Paris (France)
- Heidelberg (Germany)
- Rotterdam (Belgium-Netherlands)
Integrating the European innovation landscape: 486 partners

- **Business**
  - Climate KIC: 85
  - EIT ICT Labs: 39
  - KIC InnoEnergy: 132

- **Higher Education**
  - Climate KIC: 33
  - EIT ICT Labs: 37
  - KIC InnoEnergy: 34

- **Research**
  - Climate KIC: 31
  - EIT ICT Labs: 17
  - KIC InnoEnergy: 26

- **Cities and Regions**
  - Climate KIC: 38
  - EIT ICT Labs: 11
  - KIC InnoEnergy: 3
Some of the KIC partners
Portfolio of integrated activities (1)

1. **Education: nurturing innovation and entrepreneurially talent**
   - Master and doctoral programmes/schools
   - Executive training and post-doctoral education
   - Continuous professional development courses/modules
   - Learning modules and OER
   - Alumni Activities

**Strong business involvement:** programme design, internships, study visits, lecturers, co-supervisors, selection of students, business projects

**EIT Label for excellent educational programmes at Master & PhD levels**

<table>
<thead>
<tr>
<th>Quality Criteria</th>
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<tbody>
<tr>
<td>1. Entrepreneurship education</td>
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<td>2. Multidisciplinary, innovative ‘learning by doing’ curricula</td>
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<td>3. International and cross-organisational <strong>Mobility</strong></td>
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<td>4. <strong>Outreach:</strong> schemes that attract and keep excellent people and talent</td>
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**EIT overarching learning outcomes**
Portfolio of integrated activities (2)

2. **Business development & entrepreneurship**
   - Business mentoring/coaching
   - Market assessment
   - Access to finance/VCs
   - Access to networks
   - Challenge led competitions
   
   e.g.s. Climate KIC Market Accelerator, EIT ICT Labs Business Development Accelerator, KIC InnoEnergy Highway, EIT Awards, EIT Roundtable of Entrepreneurs

3. **Innovation:**
   - Testing facilities & simulation tools
   - Demonstration actions
   - IPR and patent support
Main achievements in figures

- **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/adoptions
- **280** number of new or improved products, services and processes launched

*Figures – February 2015, Inc. forecast 2015*
Strategic Priorities: the EIT Strategic Innovation Agenda
The EIT in 2014-2020 – Horizon 2020

Why?
- Alignment of priorities
- Promoting synergies
- Bringing a clear added value
Higher budget for higher impact...

2008 – 2013: 308 million

2014 – 2020: 2.7 billion
The Strategic Innovation Agenda (SIA)

- Priorities for 2014-2020
- Main principles
  - Consolidation of existing KICs
  - Creation of new KICs
  - Outreach and dissemination
  - Simplification
The future KICs – 5 new KICs; 3 waves

<table>
<thead>
<tr>
<th>Year</th>
<th>KICs Category</th>
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<tr>
<td>2014</td>
<td>- Raw materials</td>
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<tr>
<td></td>
<td>- Healthy living and active ageing</td>
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<tr>
<td>2016*</td>
<td>- Food4future</td>
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<tr>
<td></td>
<td>- Added value manufacturing</td>
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<td>2018**</td>
<td>- Urban mobility</td>
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* = year of launch of KICs call
** = conditional upon a positive result of the review
Call for KICs
2014 Call for KICs proposals – General information

- **One single call** in 2014 for Healthy Living and Active Ageing and Raw Materials
  - Same eligibility and selection criteria for all thematic areas
- **One proposal** from each of the thematic fields designated by EIT GB
- **Call package**
  - Call text including selection criteria
  - Framework of Guidance
  - Principles for financing, monitoring and evaluating KIC activities
  - EIT Financial Regulation
2014 Call for KICs proposals – Why is it special?

- Call for selection and designation of an integrated partnership
  - Funding comes after
  - Implementation comes after

- No list of activities

- Indicative nature by design
  - Broad thematic factsheets
  - Flexibility and creativity
## 2014 Call for KICs proposals – Selection Criteria

<table>
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<th>STRATEGY (30p)</th>
<th>OPERATIONS (35p)</th>
<th>IMPACT (35p)</th>
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<tr>
<td>Strategic Approach</td>
<td>KIC Governance</td>
<td>Impact and Competitiveness</td>
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<td>Added-value, Innovativeness and</td>
<td>Leadership and Operation</td>
<td>Outputs and KIC Scoreboard</td>
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<tr>
<td>Synergies</td>
<td>KIC Business Model and Financial Plan</td>
<td>Communication, Outreach and</td>
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<tr>
<td>KIC Partnership</td>
<td></td>
<td>Dissemination</td>
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**STRATEGY** (30p): Strategic Approach, Added-value, Innovativeness and Synergies, KIC Partnership

**OPERATIONS** (35p): KIC Governance, Leadership and Operation, KIC Business Model and Financial Plan

**IMPACT** (35p): Impact and Competitiveness, Outputs and KIC Scoreboard, Communication, Outreach and Dissemination
Roadmap

**December 2013 (after H2020 adoption)**
- Selection Criteria for KICs

**Mid-January 2014**
- Framework of Guidance
- EIT Financial Rules
- EIT Principles for financing, monitoring and evaluating KIC activities

**14 February 2014**
- Publication of the 2014 Call for KICs

**14 March 2014**
- Information Day for applicants in Budapest

**10 September 2014**
- Close of the 2014 call for KICs (at least 6 months after launch of the call)

**9 December 2014**
- Designation of new KICs by EIT GB
Roadmap

10 September 2014 – Deadline for submitting proposals

Panel of Experts

Final Recommendation Panel

9 December 2014

EIT GB Hearings with top three proposals
Next steps

2016 Call for KICs – preparation, launch, designation and set-up

- Similar roadmap to 2014
- Documents to be published well in advance
- 2015 important to raise awareness

INNOVEIT 2015, Budapest 5-7 May 2015

- EIT Innovation Forum - EIT Awards, the EIT Alumni Connect event, the EIT Stakeholder Forum and the EIT Roundtable
- Opportunity to meet the whole EIT Community including EIT Governing Board Members and staff, representatives from the first three and the two newly selected KICs, students and graduates from EIT labelled educational programmes
- Opportunity to meet potential partners for future proposals and innovation stakeholders

http://eit.europa.eu/innoveit
Thank you

http://eit.europa.eu/
Some tips for starting a KIC

Start small, consolidate and then grow progressively.

Get organised early and well. Do not underestimate the importance and the intensity of the set-up phase to get the KIC off the ground. The first KICs took nine to twelve months to establish all necessary legal and financial structures and define how they would work.

Make sure your partners are fully committed from the outset.

Define the role of and empowering the CEO and Executive Team is vital.

Choose the right legal entity for your partnership and strategy.

When establishing co-location centres think through their management structure and how they will connect to the KIC and each other.