Making innovation happen!

Presentation on the EIT’s 2018 Call for KICs

Urban Mobility

3 July 2017
EIT’s 2018 Call for KIC Proposals

EIT Urban Mobility*
Smart, green and integrated transport

EIT Manufacturing relaunch in 2018*
Added-value manufacturing

* Subject to the outcome of the EIT’s mid-term evaluation by the European Commission.
Urban mobility: a cross-cutting challenge

**KONUX**

Smart sensor monitoring systems

“We’ve received invaluable coaching from EIT Digital & we’ve benefited from joint promotional activities.”
Andreas Kunze, CEO of KONUX

**Plume Labs**

Service to understand, track and reduce exposure to pollutants
1st three innovation communities EIT Climate-KIC, EIT Digital and EIT InnoEnergy have grown into thriving European innovation hubs:

- **776** number of graduates (up from 486)
- **1,217** number of business ideas incubated (up from 903)
- **213** number of start-ups created (up from 181)
- **723** number of knowledge transfers/adoptions (up from 478)
- **212** number of new or improved products, services and processes launched (up from 142)

Figures – September 2016
Climate-KIC Berlin Accelerator: Green Garage

1\textsuperscript{st} CleanTech Incubator Germany

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

Sells \textbf{smart thermostats} that regulate heating in households according to the location data of inhabitants.

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

\textbf{Competitor to Google’s start-up Nest}
Kristina Tsvetanova of EIT Digital-supported BLITAB Technology wins EU ‘Rising Innovator’ Prize

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.

18 EIT Community innovators and entrepreneurs in Forbes 30 under 30 2017!
EIT Awards 2016

**EIT VENTURE AWARD**

Florian Schneider  
(Founder and C0O)

_Nerdalize_

- **The idea:** Nerdalize heats houses with computing power. By placing powerful servers in the form of a radiator in people’s homes, we heat the home with the heat the servers produce. This means the 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 EIT Climate-KIC Accelerator programme at the Dutch Co-location Centre

**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:** EIT InnoEnergy Master School ENTECH Programme (KIT and Uppsala University 2013-2015)

**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:** EIT Climate-KIC
Urban mobility: a cross-cutting challenge

NAVYA
Fully autonomous vehicles

LILIJUM AVIATION
Vertical take-off and landing jets

PLUGSURFING
App for electric vehicle drivers

ENERVALIS
Cloud-based software
European Institute of Innovation and Technology

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 H2020

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 SIA* Priorities 2014-2020

1. Fostering growth and impact of first 3 KICs
   - EIT Climate-KIC
   - EIT Digital
   - EIT 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 Strategic Innovation Agenda (SIA) 2014-2020
EIT’s Innovation Communities

EIT Climate-KIC
EIT Digital
EIT InnoEnergy

EIT Raw Materials
EIT Health
EIT Food

European Institute of Innovation & Technology
EIT Community across Europe

Innovation Hubs:
- EIT Climate-KIC
- EIT Digital
- EIT Food
- EIT Health
- EIT InnoEnergy
- EIT Raw Materials
EIT KIC model

- **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 & 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

- **Co-location Centres**: each KIC consists of innovation hubs leveraging on existing European capacities and building pan-European networks.

- **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.

- **Results & high impact oriented activities**: KICs implement a Business Plan with measurable deliverables, results and impact.

- **Synergies & complementarities**: with EU, national, regional and local initiatives

- **Outreach** incl. EIT Regional Innovation Scheme

- **Culture**: KICs are shaped by strong entrepreneurial mindsets and culture.
EIT Approach to Financial Sustainability

EIT Investment pattern in KICs

EIT Financial Contribution

€

Years

KIC 1  KIC 2  KIC 3
EIT Regional Innovation Scheme (EIT RIS) Objectives

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

• Share and transfer good practices of knowledge triangle integration to widen participation in EIT KIC activities.

• Allow for synergies and efficiency gains in regions that have been designing Smart Specialisation Strategies and are looking for a better integration of the Knowledge Triangle to boost their innovation capacity.

* European Commission Annual Innovation Scoreboard
EIT Regional Innovation Scheme

Eligible countries:

1) Albania
2) Bosnia and Herzegovina
3) Bulgaria
4) Croatia
5) Cyprus
6) Czech Republic
7) Estonia
8) Faroe Islands
9) Former Yugoslav Republic of Macedonia
10) Greece
11) Hungary
12) Italy
13) Latvia
14) Lithuania
15) Malta
16) Moldova
17) Montenegro
18) Poland
19) Portugal
20) Romania
21) Serbia
22) Slovakia
23) Slovenia
24) Spain
25) Turkey
26) Ukraine
Lessons learnt from the KIC Call 2016:
Improvements planned

- **Decrease preparation cost for proposers:** reduction of legal and operational readiness requirements of applicants at proposal stage (to be included during the 1\textsuperscript{st} year start-up phase) – at the application stage focus on Strategy and Impact

- Further **simplification** of the criteria wording

- Further **clarification on the Hearings with the EIT Governing Board** in Call for KIC proposals
EIT’s KIC Call 2018:
Timeline call preparation

- March EIT GB meeting
  - Discussion on: lessons learnt
  - Approval of: ✓ 2018 Call assumptions
  - Approval of: ✓ Roadmap

- June EIT GB meeting
  - Approval of: ✓ selection criteria

- Sept. EIT GB meeting
  - Discussion on: Evaluation process
  - Approval of: ✓ Framework of Guidance

- Dec. EIT GB meeting
  - Approval of: ✓ 2018 Call text and annexes

Timeline:
- Q1 2017: Criteria published
- Q4 2017: FG published
- 2018: Call text published
KIC Call 2018: Indicative timeline submission & evaluation

- Call Publication
- Information Day
- Experts selection
- FAQs — Comm with applicants
- SEP (Submission and Evaluation Programme)
- Call Closure
- Evaluation
- KIC Designation

Q1 February
Q2
Q3
Q4 December

2018
Key dates for the 2018 Call for KICs

- **12 January 2018**: Launch of the EIT’s 2018 Call for KIC Proposals: EIT Manufacturing and EIT Urban Mobility
- **13 February 2018**: EIT Information Day in Brussels
- **12 July 2018**: Closure of the 2018 Call for KIC Proposals
- **December 2018**: EIT’s two new Innovation Communities selected: EIT Manufacturing and EIT Urban Mobility

Image: European Institute of Innovation & Technology
Messages to potential applicants (1)

- **EIT: non-prescriptive approach:** EIT did not indicate any particular sectors or approach as innovation stakeholders are best placed to decide which approach to take when tackling particular societal challenges.

- **Impact should be very specific and quantifiable:** proposals are expected to define their focus in specific areas or activities.

- **Added-value:** the proposal needs to be explicit on what is intended to be achieved by a KIC and why it cannot be achieved by other programmes/initiatives.
Messages to potential applicants (2)

• Proposals should be based on current priorities facing the sector, develop a pan-European strategy to address these priorities and include a convincing implementation plan and suitable KIC partnership to succeed.

• Call’s overarching principles are excellence and impact and applicants should propose the area(s) and approach that will deliver the biggest economic and societal impact.
Messages to potential applicants (3)

• Direct early industry engagement is key. A strong impact from a KIC cannot be expected without industry leadership and strategic engagement.

• EIT and KICs are not a research programme! - KICs develop innovative products and services, start new companies, and train a new generation of entrepreneurs.

• Entrepreneurship education is a key pillar of EIT activities.
Benefits of business engagement in KICs:

• Access to the most powerful, pan-European network of the most innovative European organisations from business, education & research;

• Unique opportunity for cross sector collaboration;

• Unique market leverage opportunity at EU level for innovative ideas, products, processes and services;

• Opportunity for active involvement in shaping the EU innovation, research and education agendas relevant for the sector;

• Unique opportunity to address fragmentation of the innovation potential in the sector by mobilising the critical mass.
Frequently Asked Questions

Why was no KIC designated in the area of added value manufacturing in 2016?

→ Following Hearing with the applicant, the EIT Governing Board concluded that the proposal did not meet the excellence levels required to be designated as a KIC.

Who should I contact if I have any questions?

→ Questions should only be submitted via the Contact Page on the EIT Website: https://eit.europa.eu/interact/contact-us.

Where can I find more information about the Call?

→ All information relating to the EIT’s 2018 Calls for KICs, including FAQs, is posted on the EIT’s KIC Call page and will include answers to all questions that have been submitted to the EIT.
Idea Storm to KIC Proposal

Munich/Freising, 23. March 2015

FoodConnects

A people-centric and resource-smart transformer of the European food system, driving consumer confidence and improved global health

Proposal for the EIT Knowledge and Innovation Community Food4Future

Innovate with us!

eit.europa.eu  @EITeu