

Innovation



Exploring opportunities & lessons learnt from the EIT's Innovation Communities

Martin Kern, EIT Interim Director

#### **Urban mobility: a cross-cutting challenge**

#### **KONUX**Smart sensor monitoring systems



### Plume Labs Service to understand, track and reduce exposure to pollutants





#### **Urban mobility: a cross-cutting challenge**

NAVYA
Fully autonomous vehicles



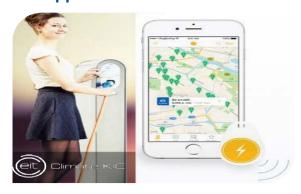
LILIUM AVIATION

Vertical take-off and landing jets



European Institute of Innovation & Technology

#### PLUGSURFING App for electric vehicle drivers



**ENERVALIS**Cloud-based software



#### **EIT's 2018 Call for KIC Proposals**





#### **EIT Urban Mobility\***

Smart, green and integrated transport





\* Subject of the outcome of the EIT's mid term evaluation

#### **EIT Community: achievements to date**

1<sup>st</sup> 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/adoption up from 478



212

number of new or improved products, services and processes launched

up from 142



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.





Kristina Tsvetanova of
EIT Digital-supported
BLITAB Technology wins
EU 'Rising Innovator' Prize





#### **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.

- 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's Innovation Communities**

**EIT Climate-KIC** 



**EIT Digital** 



**EIT InnoEnergy** 



**EIT Raw Materials** 



**EIT Health** 



**EIT Food** 

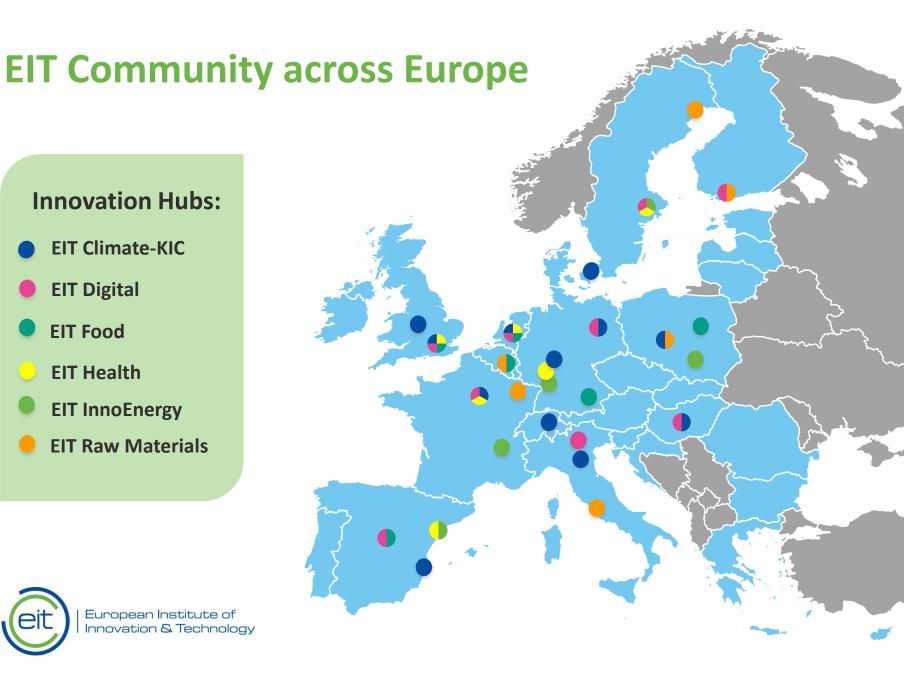




#### **Innovation Hubs:**

- **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 worldclass 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 Colocation Centre level all implementing the Principles of Good Governance.



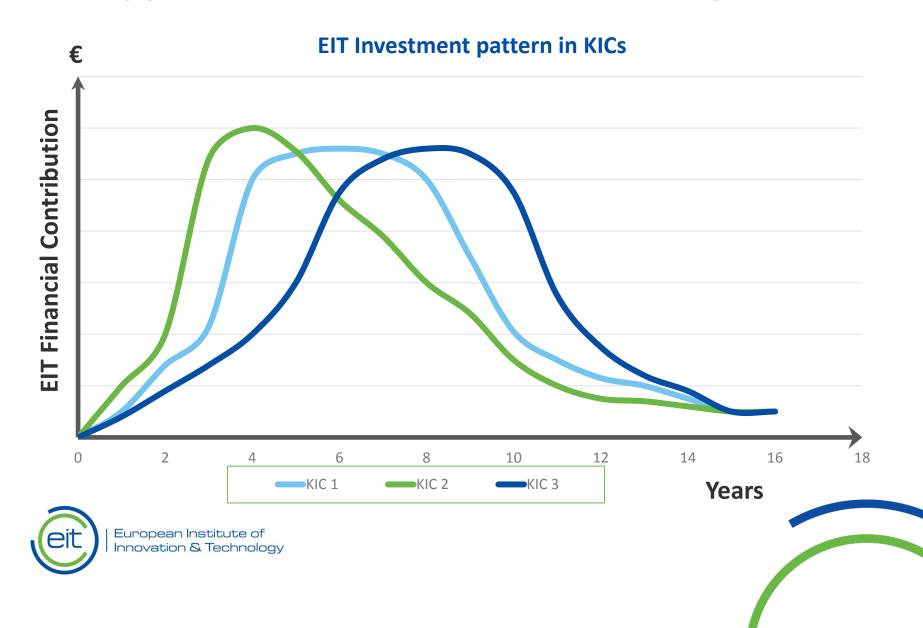


- Co-location Centres: each KIC consists of innovation hubs leveraging on existing European capacities and building pan-European networks.
- Smart funding & high degree of commitment of partners: EIT funding to KICs is max. 25% of their total budget over time with 75% to be attracted from other sources, 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 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.





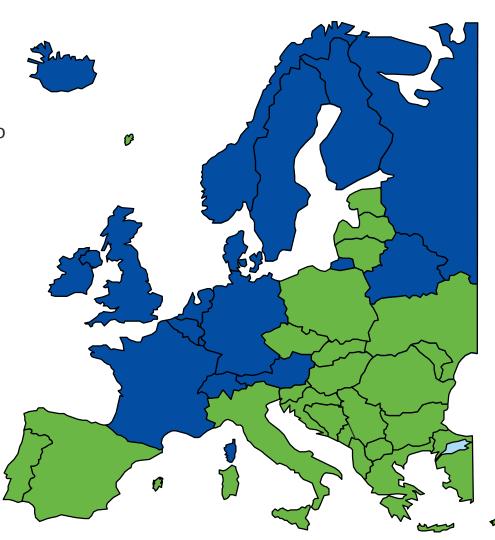
#### **EIT Regional Innovation Scheme**

#### **Eligible countries:**

- Albania
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- 5) Cyprus
- Czech Republic
- 7) Estonia
- Faroe Islands 8)
- Former Yugoslav Republic 22) Slovakia
  - 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
- 23) Slovenia
- 24) Spain
- 25) Turkey
- 26) Ukraine





#### **Lessons learnt from the KIC Call 2016:**

#### More simplification!



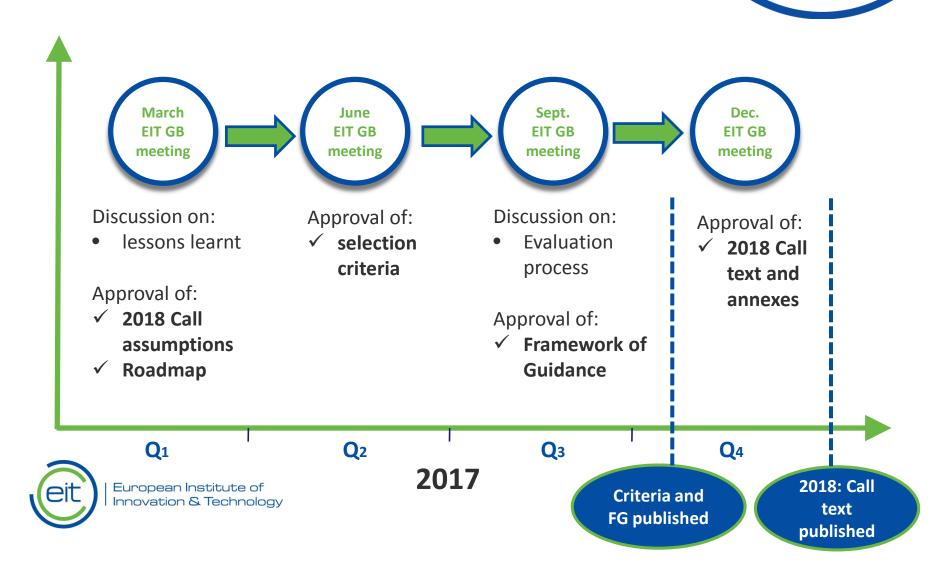
 Decrease preparation cost for proposers: reduction of legal and operational readiness requirements of applicants at proposal stage (to be included during the 1<sup>st</sup> year start-up phase) – at the application stage focus on Strategy and Impact





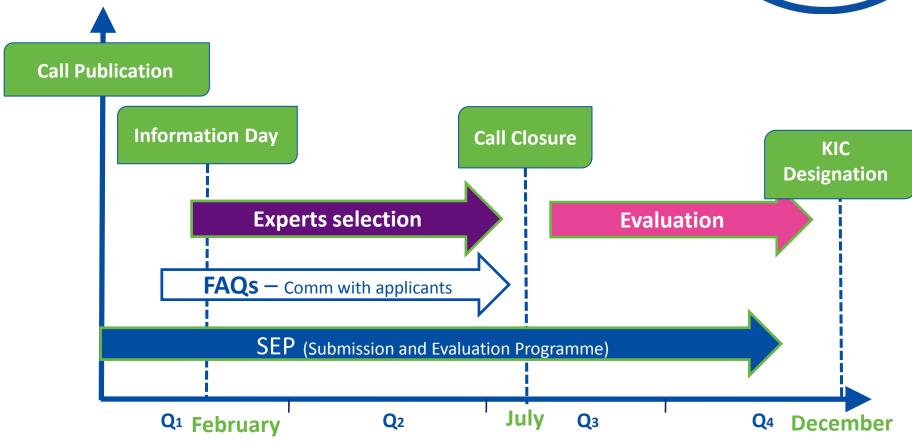
#### **EIT's KIC Call 2018:**

#### Timeline call preparation



## **KIC Call 2018: Indicative timeline submission & evaluation**







#### Messages to potential applicants (1)

- EIT: non-prescriptive approach
- Proposals should based on current priorities facing the sector
- Impact should be very specific and quantifiable: proposals are expected to define their focus in specific areas or activities to bring maximum impact
- Added-value of proposal over existing initiatives and readiness to establish synergies and complementarities with other relevant programmes and initiatives







#### Messages to potential applicants (2)

- 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.
- Direct early industry engagement is key.
- Entrepreneurship education is a key pillar of EIT activities
- EIT and KICs are not a research programme!





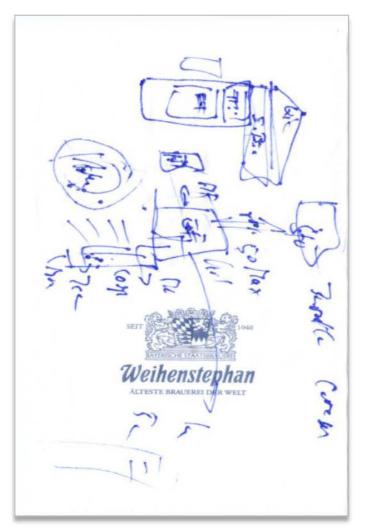




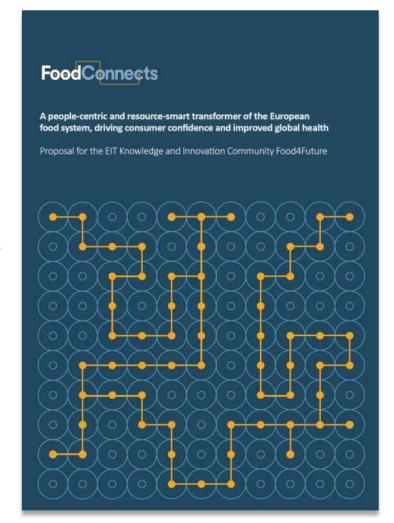
#### **Idea Storm to KIC Proposal**

Munich/Freising, 23. March 2015





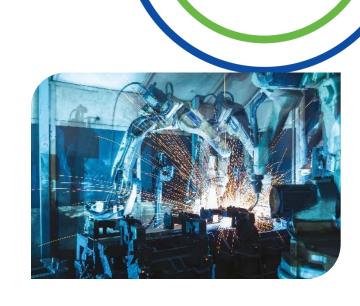




#### **EIT's 2018 Call for KIC Proposals**

#### **EIT Manufacturing relaunch in 2018\***

Added-value manufacturing



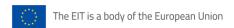




\* Subject of European Commission's opinion on legality of call relaunch within the frame of the EIT's 2014-2020 SIA



#### Innovate with us!



eit.europa.eu

