



European Institute of  
Innovation & Technology

The EIT is a body of the European Union



# EIT Innovation Community on Added Value Manufacturing

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25 October 2017



# 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.**

- 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:

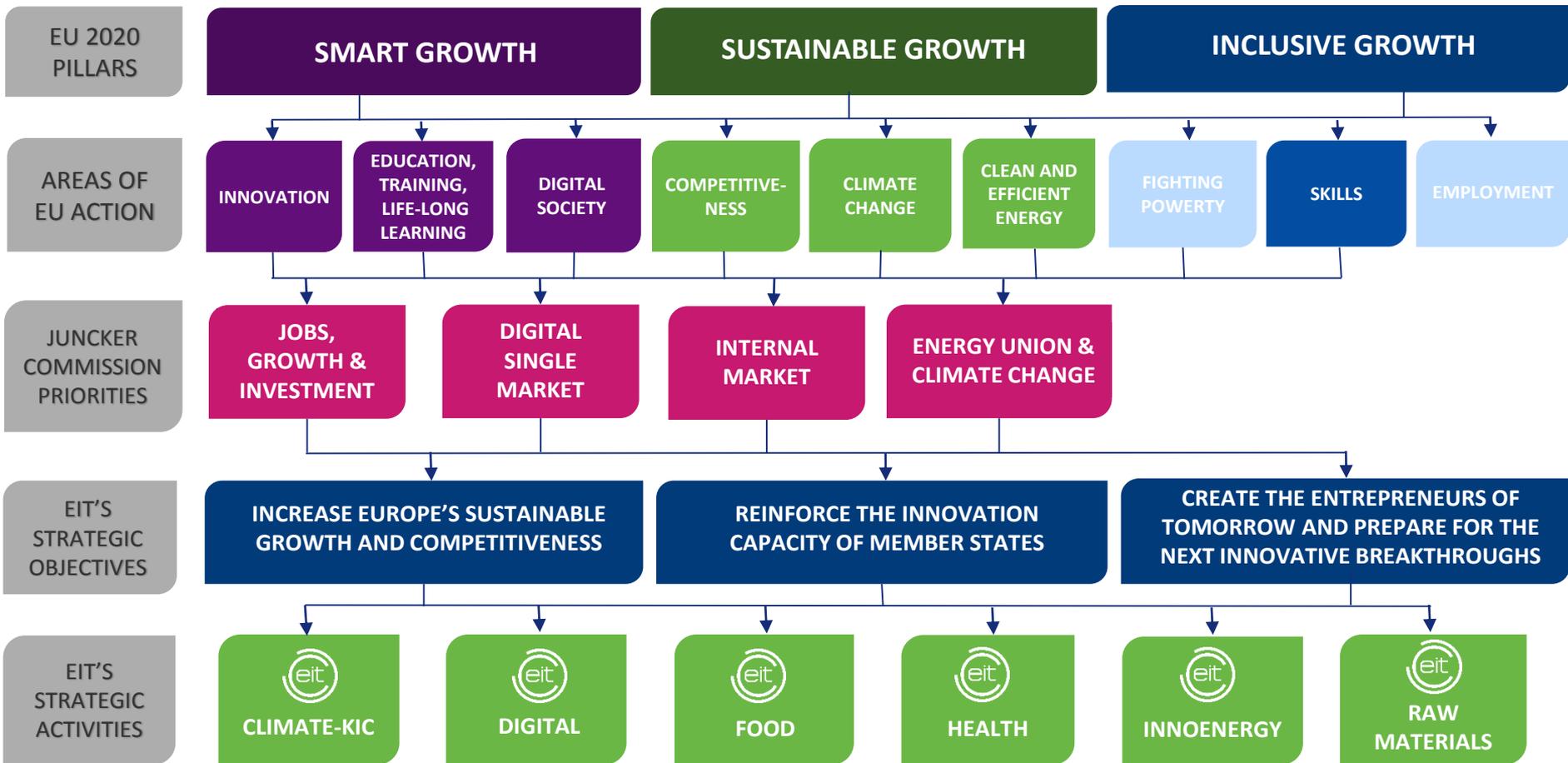


**student to  
entrepreneur**

**idea to product**

**lab to customer**

# EIT's contribution to the Europe 2020 Strategy and to the Juncker Commission Agenda



European Institute of Innovation & Technology

Source: Deloitte Report - How do EU agencies and other bodies contribute to the Europe 2020 Strategy and to the Juncker Commission Agenda? (November 2016)

# 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. € 75 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 Priorities 2014 - 2020

1

**Fostering**  
growth & impact of  
first 3 innovation  
communities

EIT Climate-KIC

EIT Digital

EIT InnoEnergy

2

**Creating**  
5 new innovation  
communities

**2014**

EIT Health

EIT Raw Materials

**2016**

EIT Food

**2018**

EIT Manufacturing

EIT Urban Mobility

3

**Sharing and  
Disseminating**

EIT Community  
good practices

Inc. EIT Regional  
Innovation Scheme  
(EIT RIS)



# EIT's Innovation Communities

**EIT Climate-KIC**



**EIT Digital**



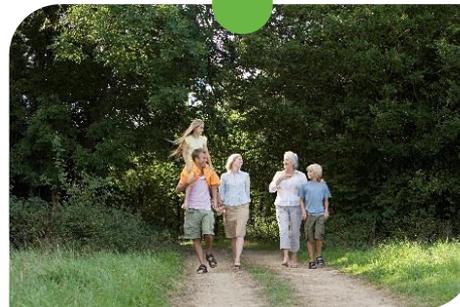
**EIT InnoEnergy**



**EIT Raw Materials**



**EIT Health**

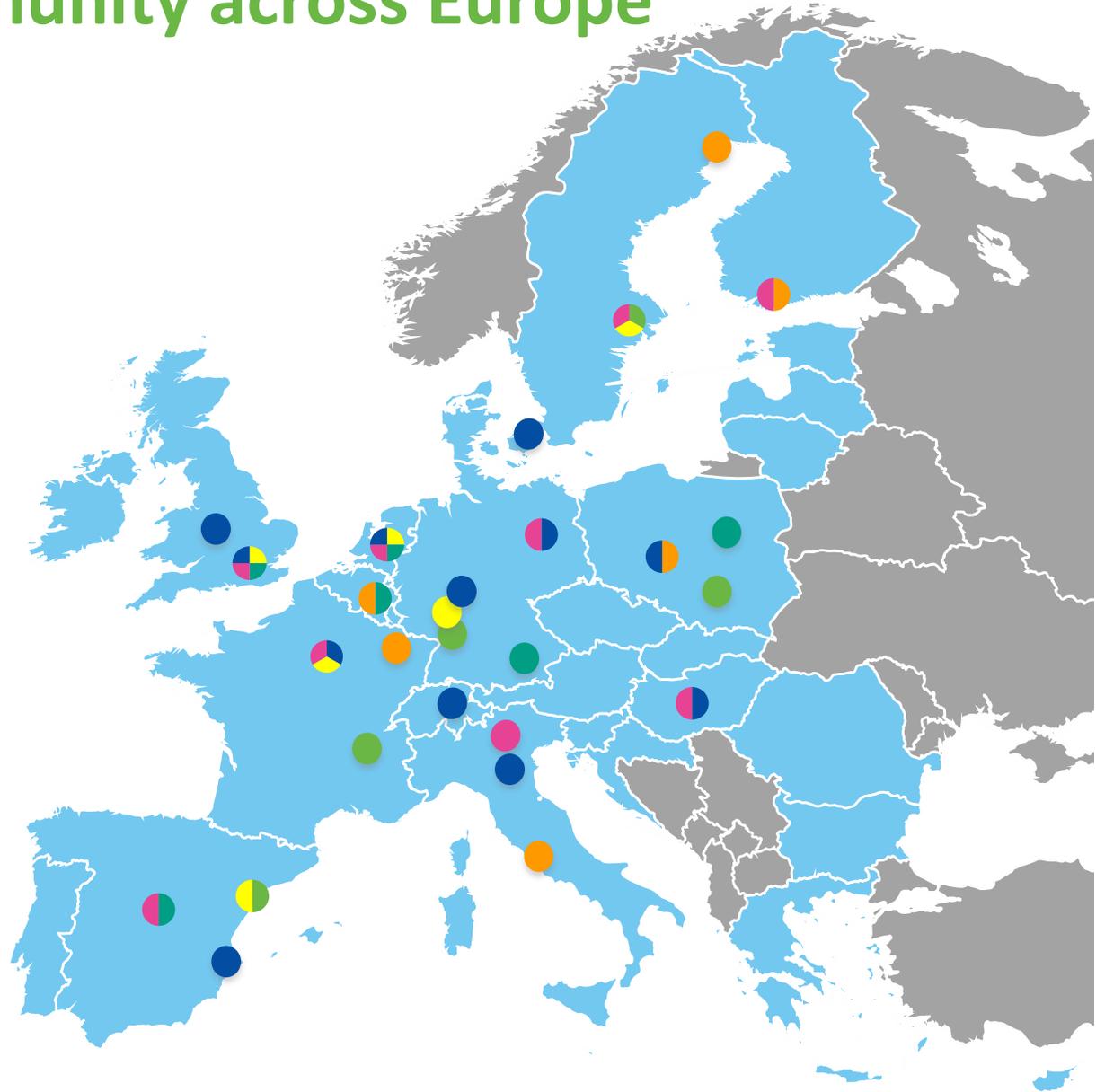


**EIT Food**



# EIT Community across Europe

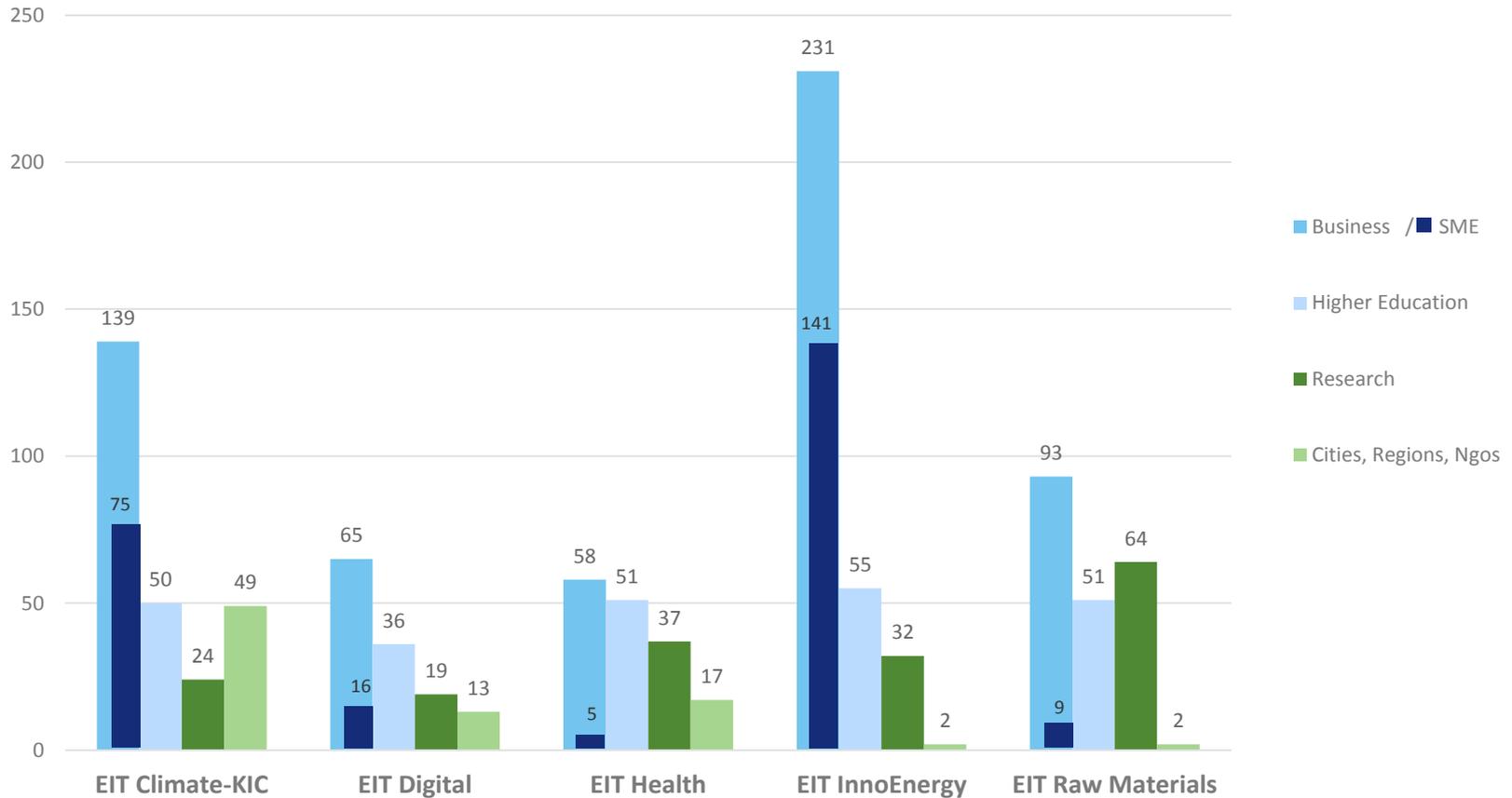
- EIT Climate-KIC
- EIT Digital
- EIT Food
- EIT Health
- EIT InnoEnergy
- EIT Raw Materials



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# Overview of EIT Community partners

Today, the EIT Community brings together more than **1000** partners:



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

# EIT Awards 2017

## EIT INNOVATORS AWARD

**Martin Steinberg**

**Stockholm3 Test (STHLM3)**

- **Project aim:** To predict the risk of aggressive prostate cancer at biopsy by analysing five protein markers, more than 100 genetic markers, and clinical data
- **EIT Community connection:** EIT Health



## EIT VENTURE AWARD

**Hans Constandt**

(Founder and CEO)

**Ontoforce**

- **Aim:** To heal patients with smarter data and have a global impact on bringing drugs to market faster
- **EIT Community connection:** EIT Health

## EIT AUDIENCE AWARD

**Carsten Mahrenholz**

(Co-founder and CEO)

**COLDPLASMATECH GmbH**

- **Aim:** To pioneer the next step in modern medicine, treat chronic wound patients, and kill multi-resistant bacteria
- **EIT Community connection:** EIT Health

## EIT CHANGE AWARD

**Florence Gschwend**

(Co-founder and Director of Operations)

**Chrysalix Technologies**

- **Aim:** To use any type of woody material to produce the chemicals, materials and fuels of a cleaner tomorrow
- **EIT Community connection:** EIT Climate-KIC

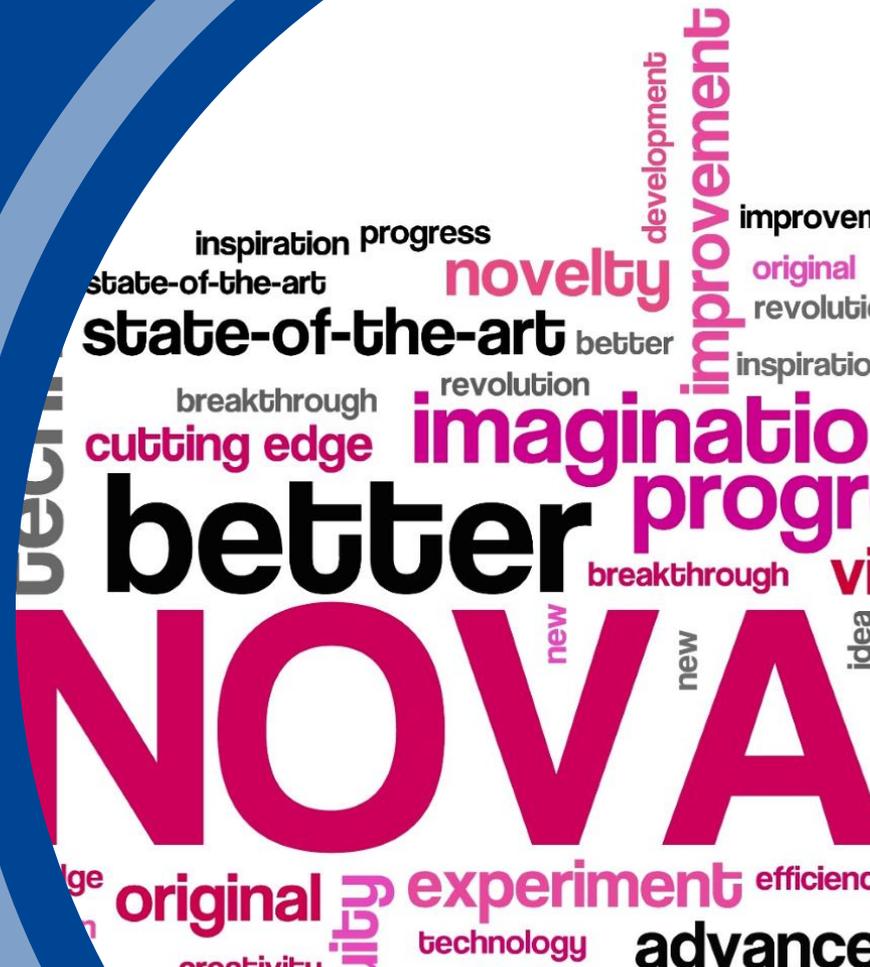


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# EIT Innovation Model



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## Our strategy to boost innovation in Europe

Facilitate the development of European ecosystems where research, business and education come together to find sustainable solutions to societal challenges by:

- Creating interconnected knowledge and creativity hotspots
- Fostering talent: innovators, entrepreneurs and students
- Attracting investors

**→ Through the EIT's unique innovation model and our Innovation Communities (KICs or Knowledge and Innovation Communities)**



## EIT Model

- **High degree of integration:** each EIT innovation community 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 EIT innovation community is set up for a minimum of 7 years to eventually become financially sustainable.
- **Autonomy & flexibility:** to determine organisational structure and activities governed by a Board of 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 Model

- **Innovation Hubs** (Co-location Centres): each EIT innovation community consists of innovation hubs leveraging on existing capacities and building pan-European networks.
- **Smart funding & high degree of commitment of partners**
- **Results & high impact oriented activities:** EIT innovation communities implement a Business Plan with measurable results and impact.
- **Synergies & complementarities:** with EU, national, regional and local initiatives
- **Outreach** incl. EIT Regional Innovation Scheme
- **Culture:** EIT innovation communities are shaped by strong entrepreneurial mind-sets and culture.



# EIT's Innovation Hubs



**Bring ideas and people together in new ways.**



**Create opportunities for new and existing organisations to access leading European teams.**



**Contribute to the development of a regional entrepreneurial culture.**



**Seek synergies and complementarities with regional, national and EU policies & programmes to boost innovation and entrepreneurship.**



**Build trust and openness among their partners.**



**Facilitate the exchange of ideas and interactions between partners and other stakeholders.**

# EIT Regional Innovation Scheme

## EU-13 share of funding and participation (EIT KIC grants 2015)

Funding: 8.3% (Horizon 2020: 4.7%) - Participation: 11.3% (Horizon 2020: 7.8%)

## 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) Armenia
- 20) Bosnia and Herzegovina
- 21) Faroe Islands
- 22) Former Yugoslav Republic of Macedonia
- 23) Georgia
- 24) Moldova
- 25) Montenegro
- 26) Serbia
- 27) Turkey
- 28) Ukraine

\* Based on the European Innovation Scoreboard 2016/  
group of Moderate and Modest innovator



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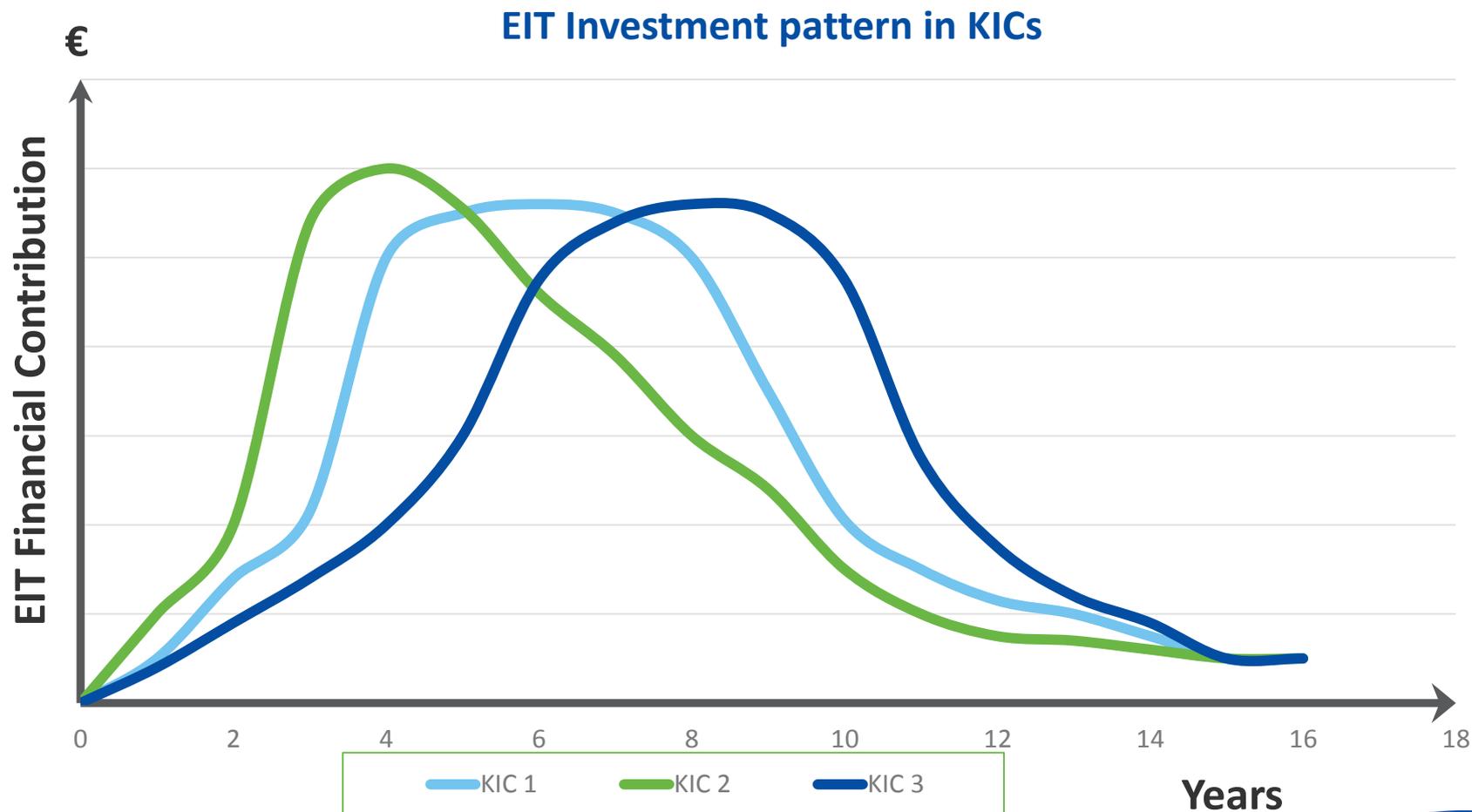


# EIT Regional Innovation Scheme (EIT RIS) Objectives

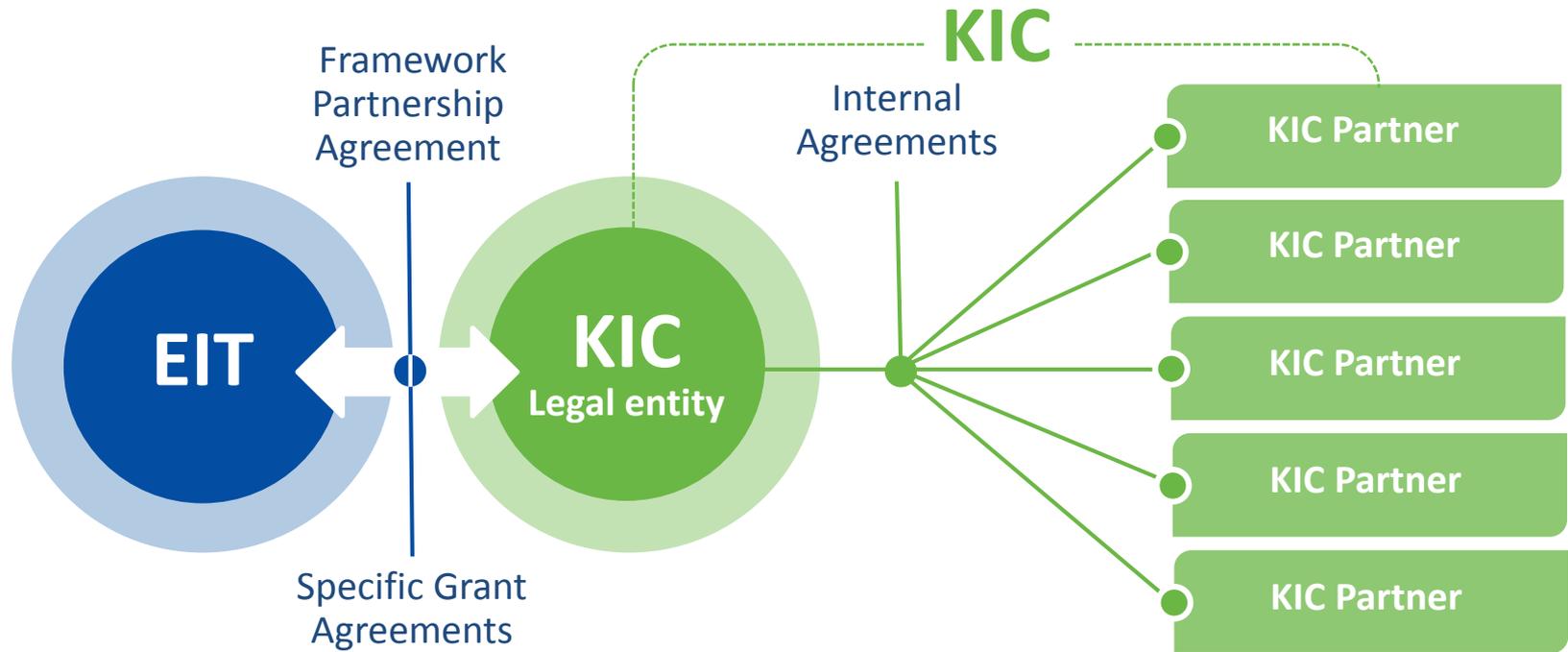
- Contribute to enhancing of the innovation capacity in **moderate and modest innovators\*** Member States and Horizon 2020 Associated Countries.
- Share and transfer good practices of **knowledge triangle integration** to widen participation in EIT KIC activities.
- **Allow for synergies and efficiency 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 Approach to Financial Sustainability



# EIT Community contractual relations



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



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# EIT 2018 Call for Proposals

## *EIT Manufacturing*



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# EIT's 2018 Call for two new Innovation Communities

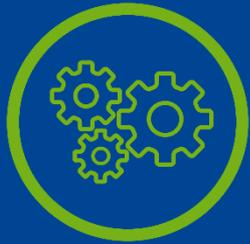


**EIT Urban Mobility**  
Smart, green and  
integrated transport



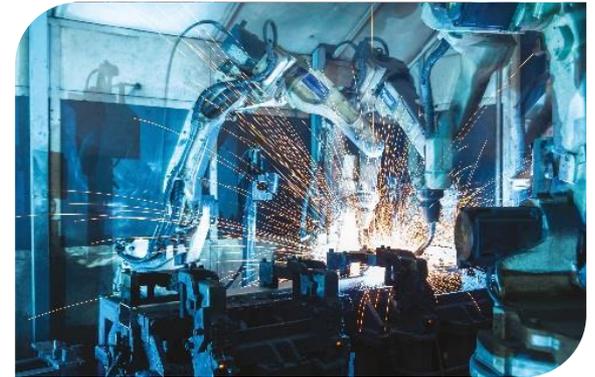
**EIT Manufacturing**  
Added-value  
manufacturing

# EIT Manufacturing



Strengthen high-value (or added-value) manufacturing industries to guarantee Europe's competitive position.

Create value by delivering product and service innovation, establishing process excellence, achieving high brand recognition and contributing to a sustainable society.



# Added-value Manufacturing (I)

- Value added manufacturing should be understood as **innovative manufacturing** in areas which can deliver the most significant economic and societal impact for Europe.
- Manufacturing cannot be seen as separate from the economic value and innovation chain → an **integrated approach** is expected from applicants.
- Applicants should consider **changes of production methods and processes** in proposals to properly address structural transformations towards sustainable competitiveness.
- A proposal should address **rapidly changed dynamics** in the sector. EIT Manufacturing must be able to create an ecosystem that facilitates the adoption of best practices and adjustment to new opportunities.

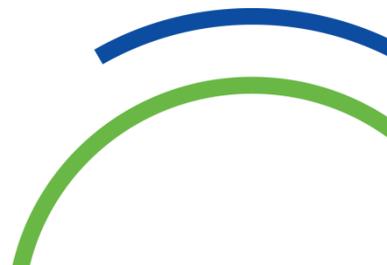
# Added-value Manufacturing (II)

- SMEs = backbone of manufacturing industry in Europe. New production processes and emerging technologies or innovation opportunities offer a wealth of new opportunities, lowering the barriers for entrepreneurs and may facilitate growth of SMEs. This should be reflected in the strategy and **business creation and acceleration** activities.
- The **education agenda needs a strategic approach**, well beyond traditional industry placement and industry academia cooperation programmes. Education and training programmes of significant scale need to be developed with businesses and be implemented across the value chain so that new business opportunities and models can be identified.
- The proposal should build upon and take into consideration (but not be limited by) **recent manufacturing related policies and initiatives**.

# Lessons learnt from the 2016 Call: Foreseen Improvements & Simplifications



- **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**
- Further **simplification** of the criteria wording
- Further **clarification on the Hearings with the EIT Governing Board** in Call for Proposals



# 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 an Innovation Community 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.



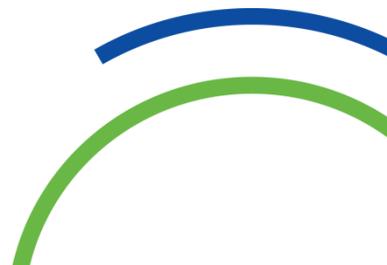
## Messages to potential applicants (3)

- Direct early **industry** engagement is key. A strong impact from an Innovation Community cannot be expected without industry leadership and strategic engagement.
- EIT is **not a research programme!** – EIT Innovation Communities 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 :

- 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.





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# EIT 2018 Call for Proposals

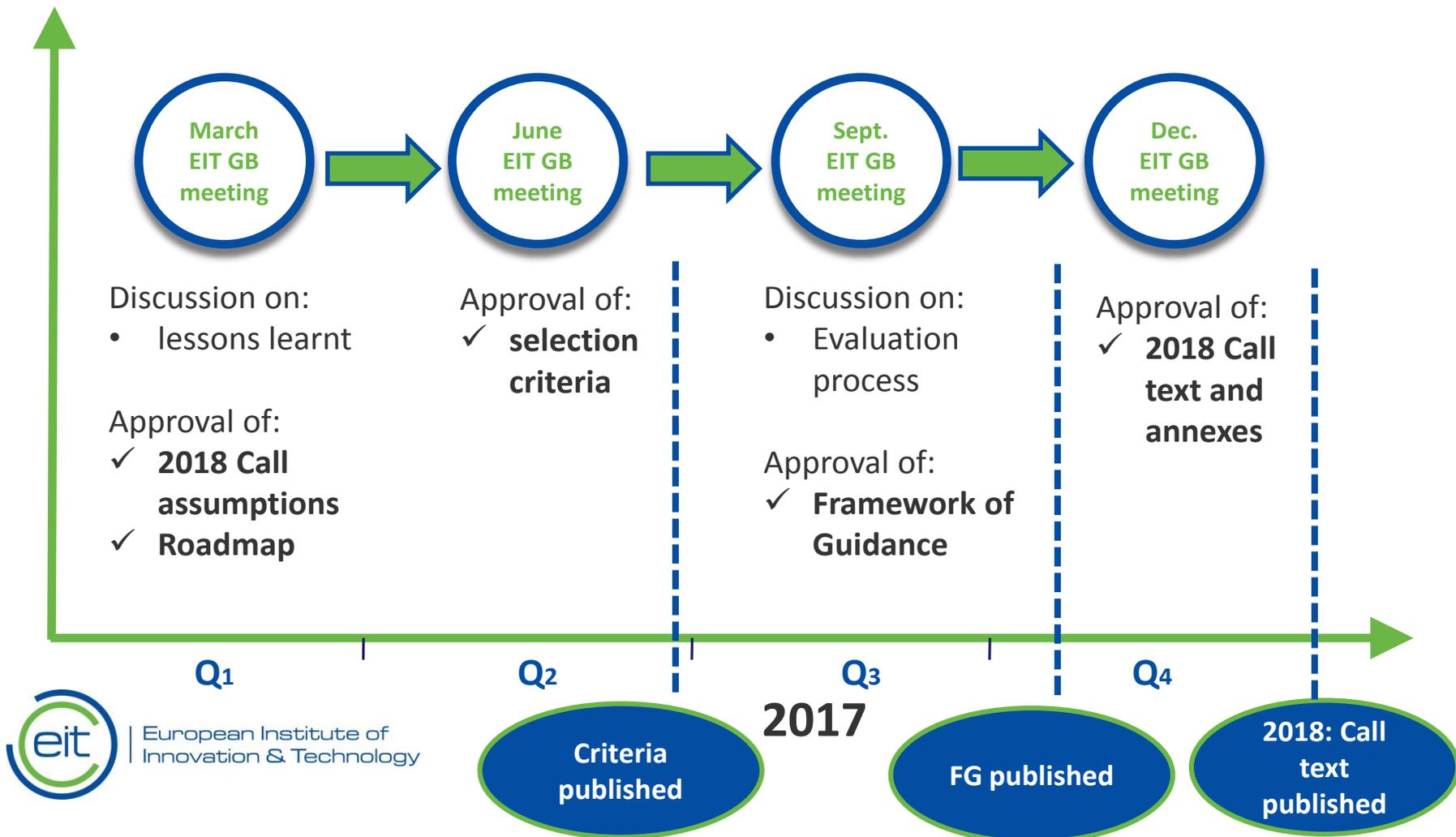
## Next Steps



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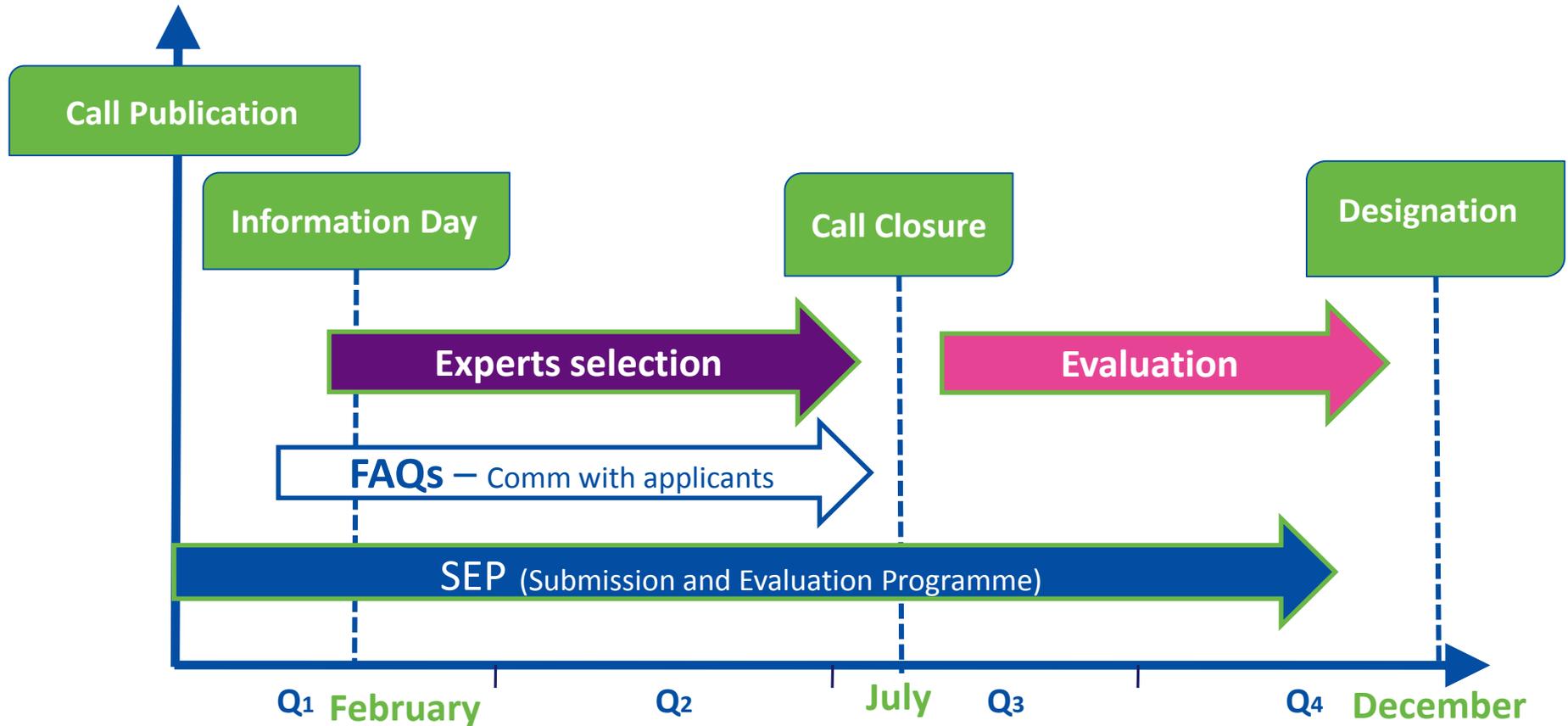
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# EIT's 2018 Call for Proposals: Timeline call preparation



# EIT's 2018 Call for Proposals:

## Indicative timeline submission & evaluation



# Key dates for the 2018 Call for Proposals

- **November 2017**: Publication of the Framework of Guidance
- **12 January 2018**: Launch of the EIT's 2018 Call for Proposals: EIT Manufacturing and EIT Urban Mobility
- **13 February 2018**: EIT Information Day in Brussels
- **12 July 2018**: Closure of the 2018 Call for Proposals
- **December 2018**: EIT's two new Innovation Communities selected: EIT Manufacturing and EIT Urban Mobility



# Save the date and join us for the **Information Day** on the **EIT's 2018 Call for Proposals**



**13 February 2018 – Brussels**

- All elements of the 2018 Call presented
- Meet potential applicants



# Frequently Asked Questions

## Why was no EIT innovation community 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 an EIT innovation community.

## 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 Innovation Community, including FAQs, is posted on the EIT's Call page and will include answers to all questions that have been submitted to the EIT.







# Innovate with us!



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