



European Institute of
Innovation & Technology

The EIT is a body of the European Union



EIT: Making innovation happen!

EIT Member State Configuration meeting

Martin Kern – EIT Interim Director

17 October 2017



European Institute of
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EIT Achievements & Results



The EIT is a body of the European Union

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

Lilium

Country

Germany

Description

A zero-emissions electric jet for up to 5 people

Aim

Design the world's first and fastest all-electric VTOL long-range air taxi

EIT Community connection

EIT Climate-KIC Accelerator

Team

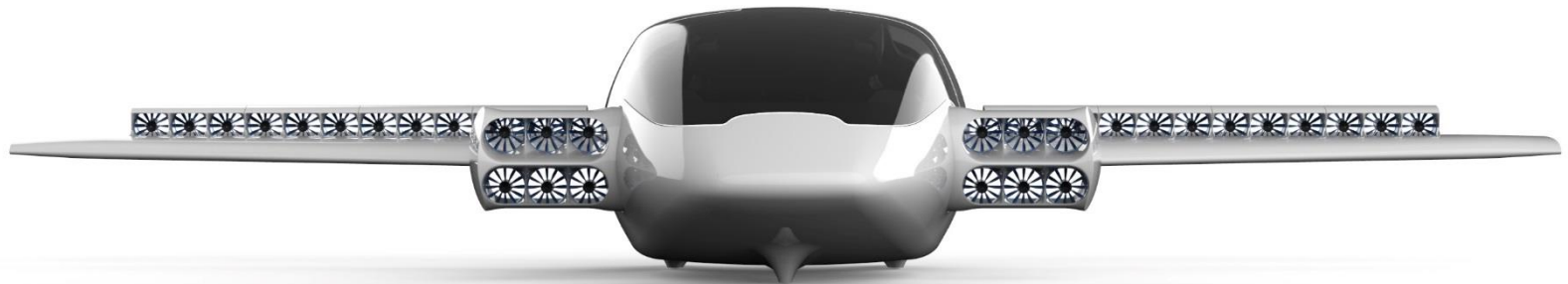
100 staff

VC funding

85 million euro

Website

<https://lilium.com/>



tado°

- Description** Intelligent climate control
- Aim** Make users' homes and places of work more comfortable, and help them to save money and energy (30% saving on heating costs)
- EIT Community connection** EIT Climate-KIC Accelerator
- Team** 130 staff
- Revenue growth** 630% in 2014, 350% in 2015
- VC funding** >75 million euro
- Website** tado.com



"EIT Climate-KIC has not only supported us within its financial funding programmes, but has also offered us a great platform to exchange knowledge"

Stefanie Sedlak
PR and Communication Manager
tado°

Skeleton Technologies

Country Estonia

Description Ultracapacitor power cells with curved graphene technology

Aim Provide ground-breaking energy storage solutions

EIT Community connection EIT InnoEnergy Innovation Projects

Team 100

VC funding 41.7 million euro

Website skeletontech.com



"We see EIT InnoEnergy as a strong, value-added partner, with a number of their investors being current or potential customers of Skeleton Technologies."

Taavi Madiberk, CEO of Skeleton Technologies

KONUX

Country Germany

Description An industrial sensor solution that tracks and analyses the causes of machine breakdowns

Aim Deliver the insights into machine breakdowns that customers need

EIT Community connection EIT Digital Accelerator
Supported at the EIT Digital German Co-Location Centre

Team 35

VC funding 18 million euros

Website konux.com

*"We've received coaching at the EIT Digital Silicon Valley Hub [and] we've benefited from joint promotional activities." --
Andreas Kunze, CEO of KONUX*



NAVYA

Country

France

Description

Innovative and intelligent driverless shuttle transporting up to 15 passengers

Aim

NAVYA ARMA, a 100 % electric and fully autonomous transport vehicle.

EIT Community connection

EIT Digital Accelerator

Team

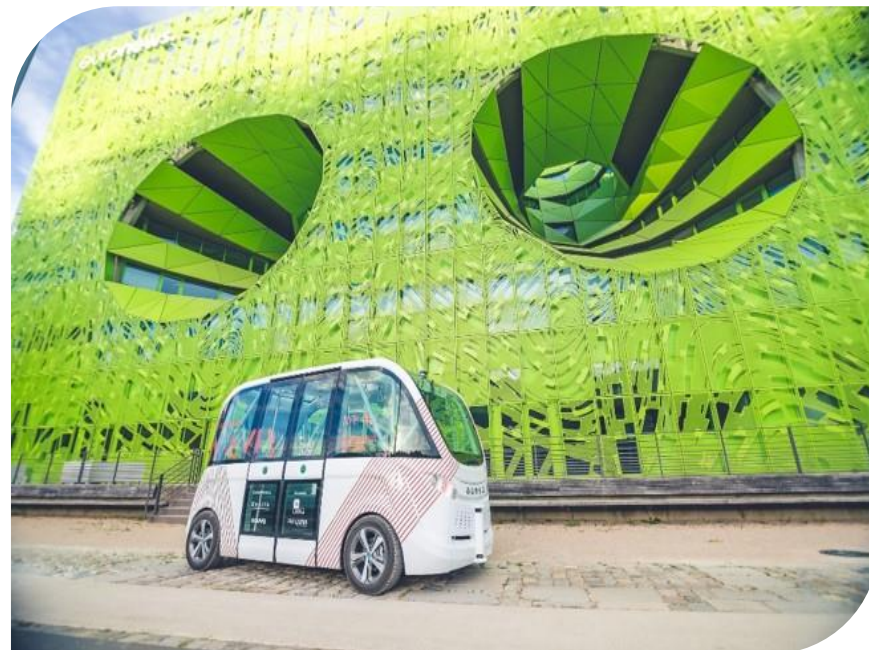
360 staff

VC funding

34.5 million euro

Website

<https://lilium.com/>



EIT Digital Accelerator among top accelerators

2nd place

European top 20 accelerators by Gust



8th place

Worldwide top 20 accelerators by Gust



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EIT Community Achievements

The EIT's Innovation Communities are growing into thriving European innovation hubs:



1224

number of graduates
up from 776



305

number of start-ups created
up from 213



430

number of new or improved
products, services and
processes launched
Up from 212



2242

number of business
ideas incubated
up from 1217



1232

number of knowledge
transfers/adoption
up from 723



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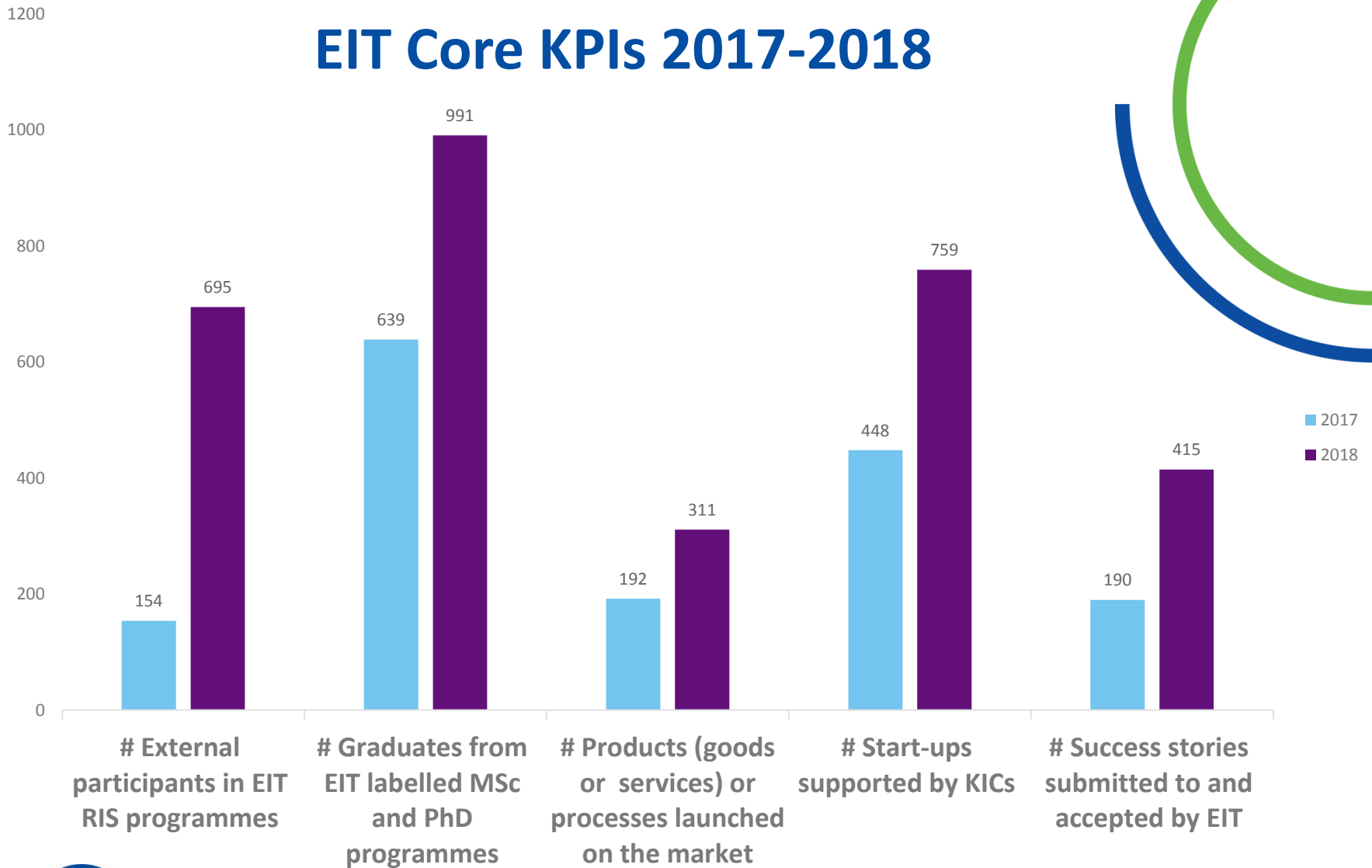
Figures – August 2017
as compared to September 2016

EIT New Core KPIs (as of 2017)

Area	Outputs	Results/Impacts
Education	# Graduates from EIT labelled Master and PhD programmes	# Start-ups created by graduates from EIT labelled Master & PhD programmes
Innovation	# Products launched on the market	# Start-ups created as a result of innovation projects
Business Acceleration	# Start-ups supported by EIT Innovation Communities	Investment attracted by ventures supported/have been supported by EIT Innovation Communities
Dissemination and Communication	# Success stories submitted to and accepted by EIT	# External participants in EIT RIS programmes
Finance	<ul style="list-style-type: none"> Budget consumption Error rate 	Financial Sustainability: revenue of EIT Innovation Community Legal Entity

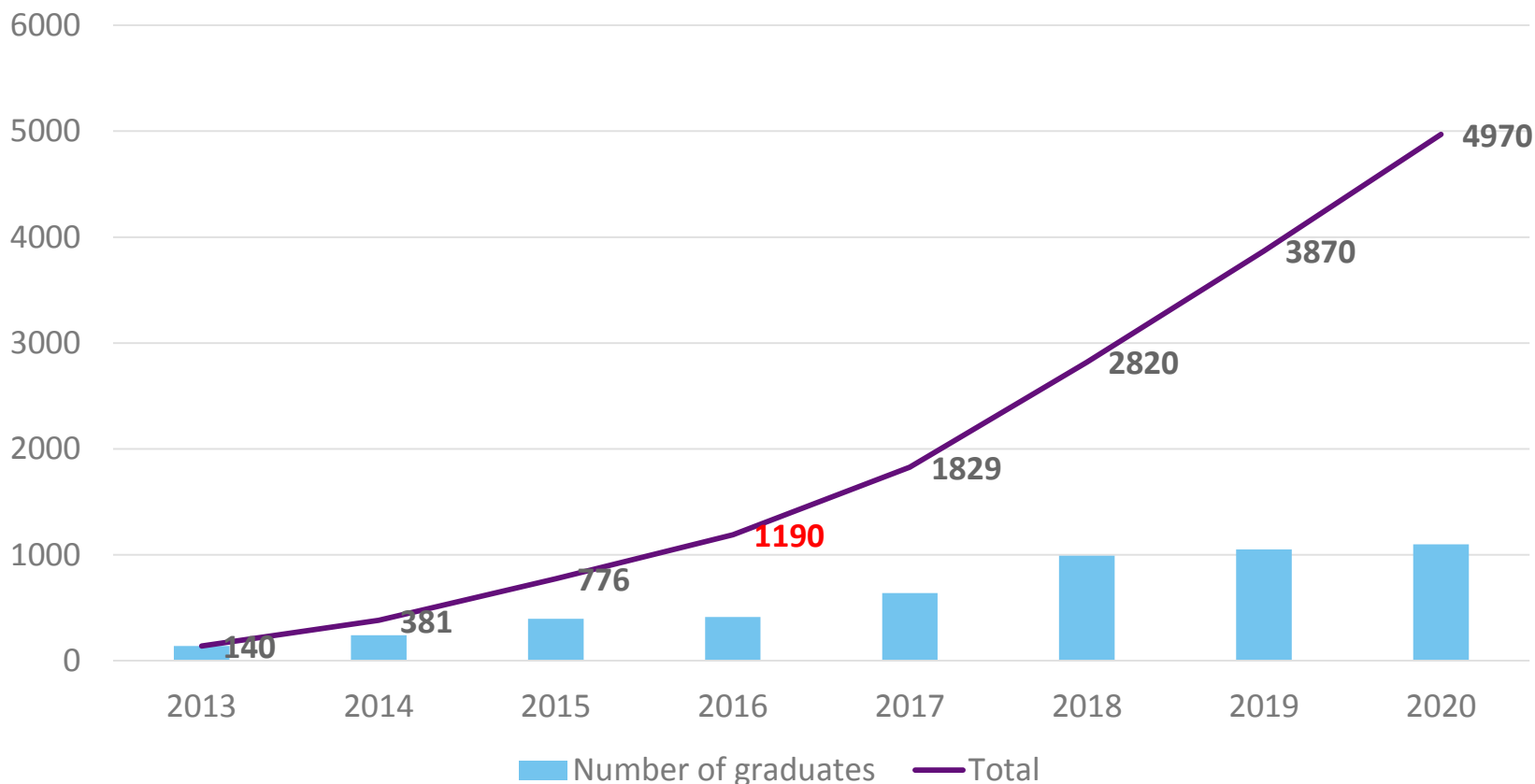


EIT Core KPIs 2017-2018



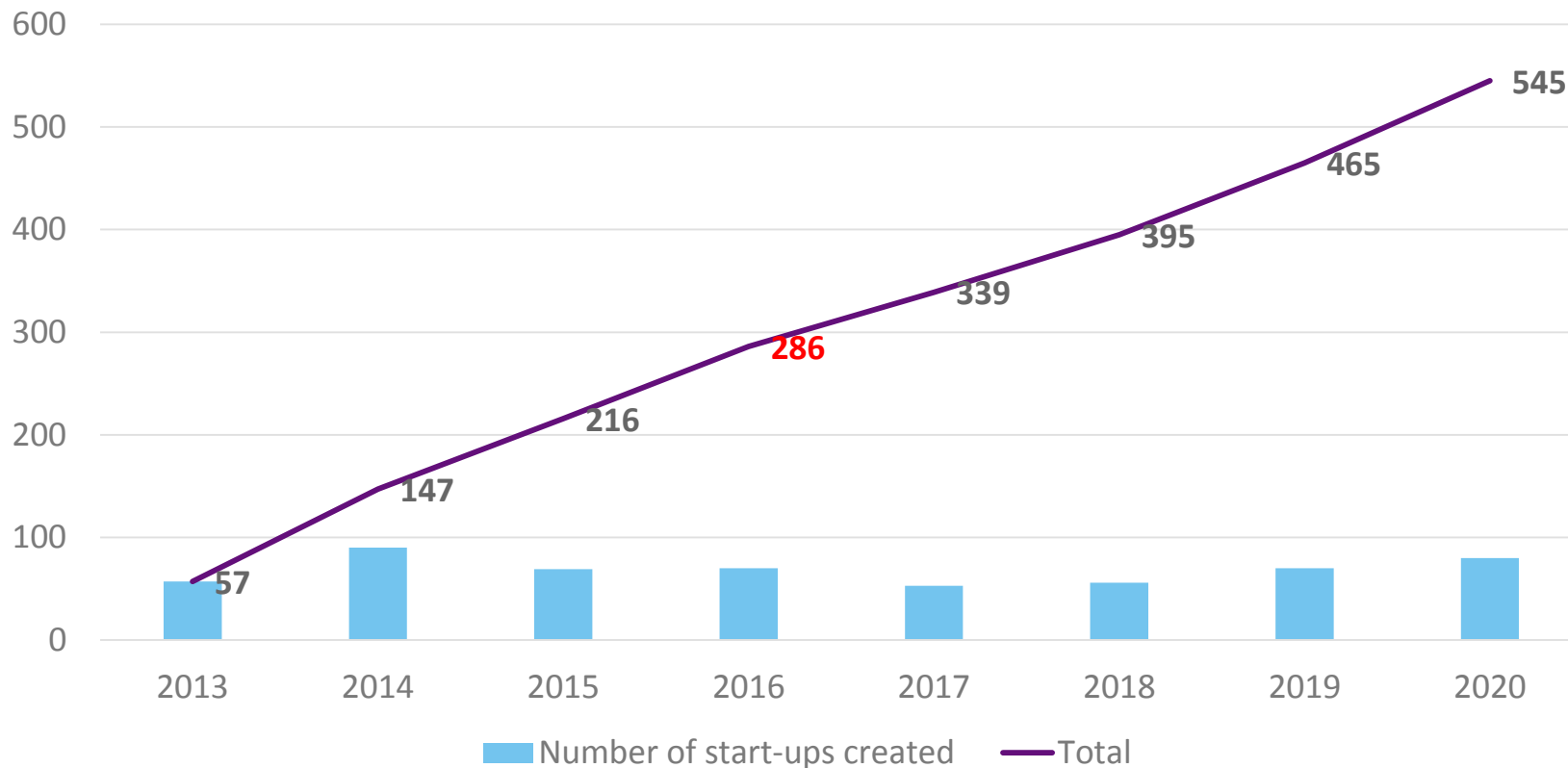
EIT Outputs: Cumulative KPIs (1/4)

Graduates from EIT-labelled programmes



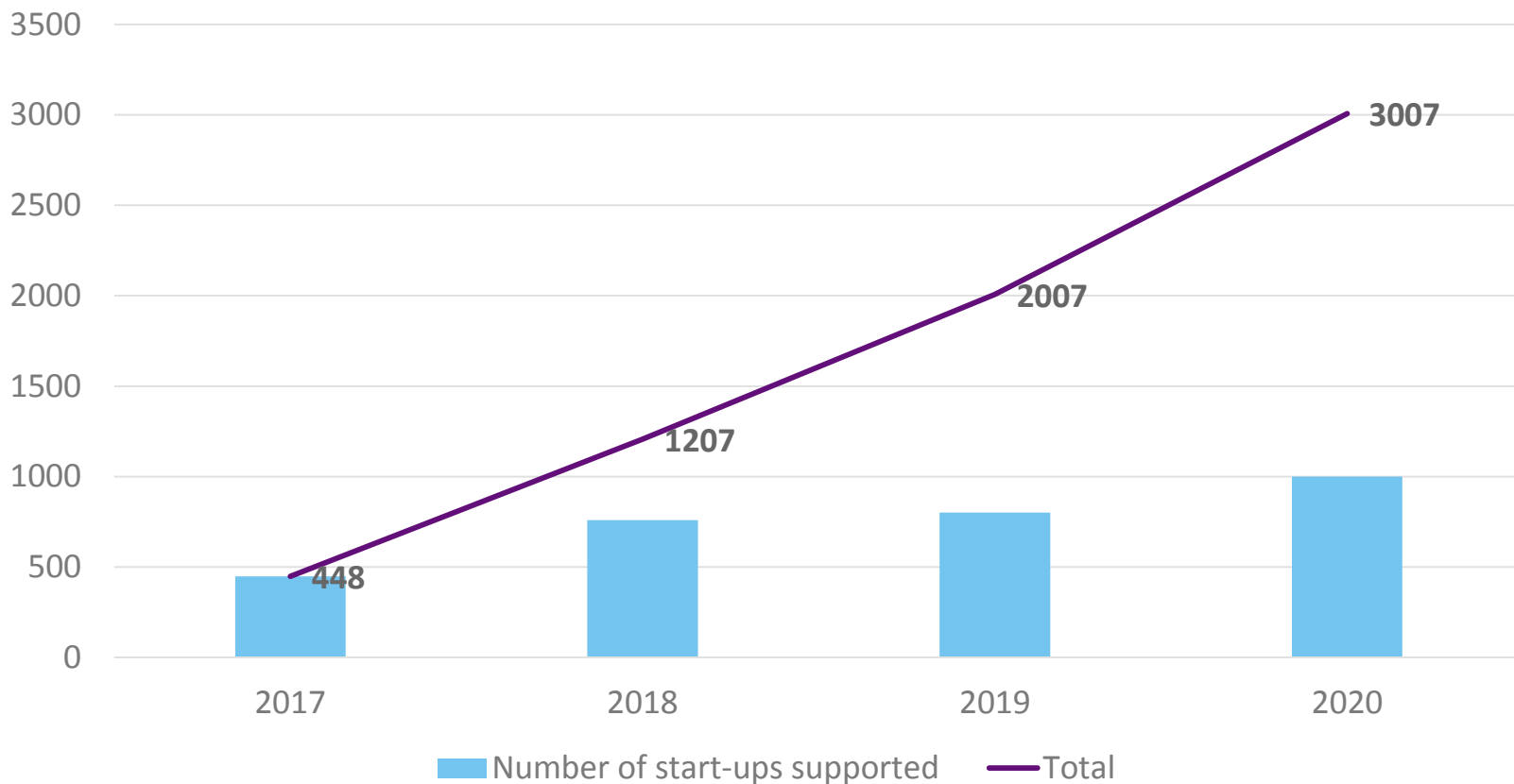
EIT Outputs: Cumulative KPIs (2/4)

Start-ups created



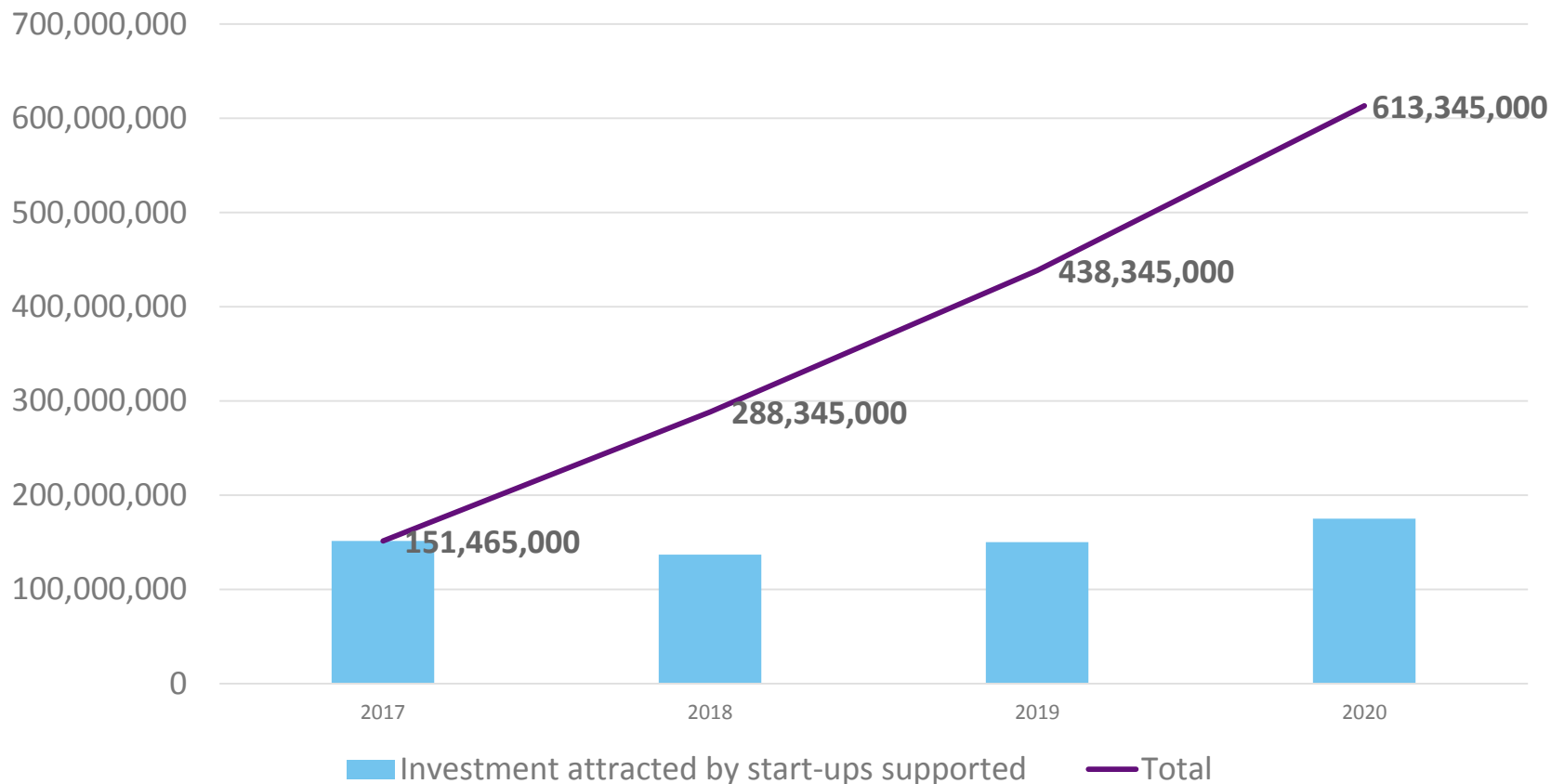
EIT Outputs: Cumulative KPIs (3/4)

Start-ups supported



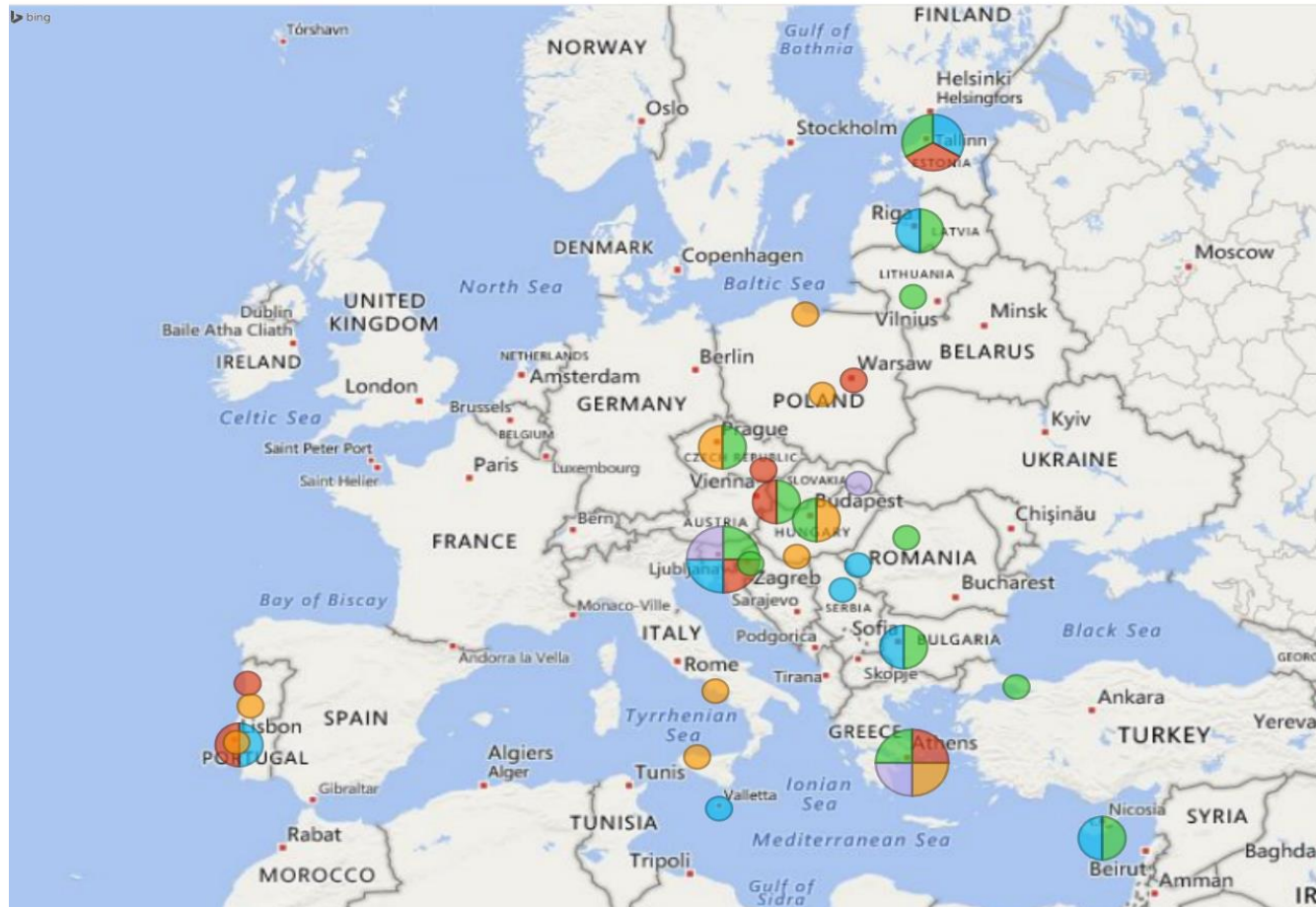
EIT Result: Cumulative KPIs (4/4)

Investment attracted by start-ups



EIT Regional Innovation Scheme (EIT RIS):

EIT RIS cooperation entities



KIC

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



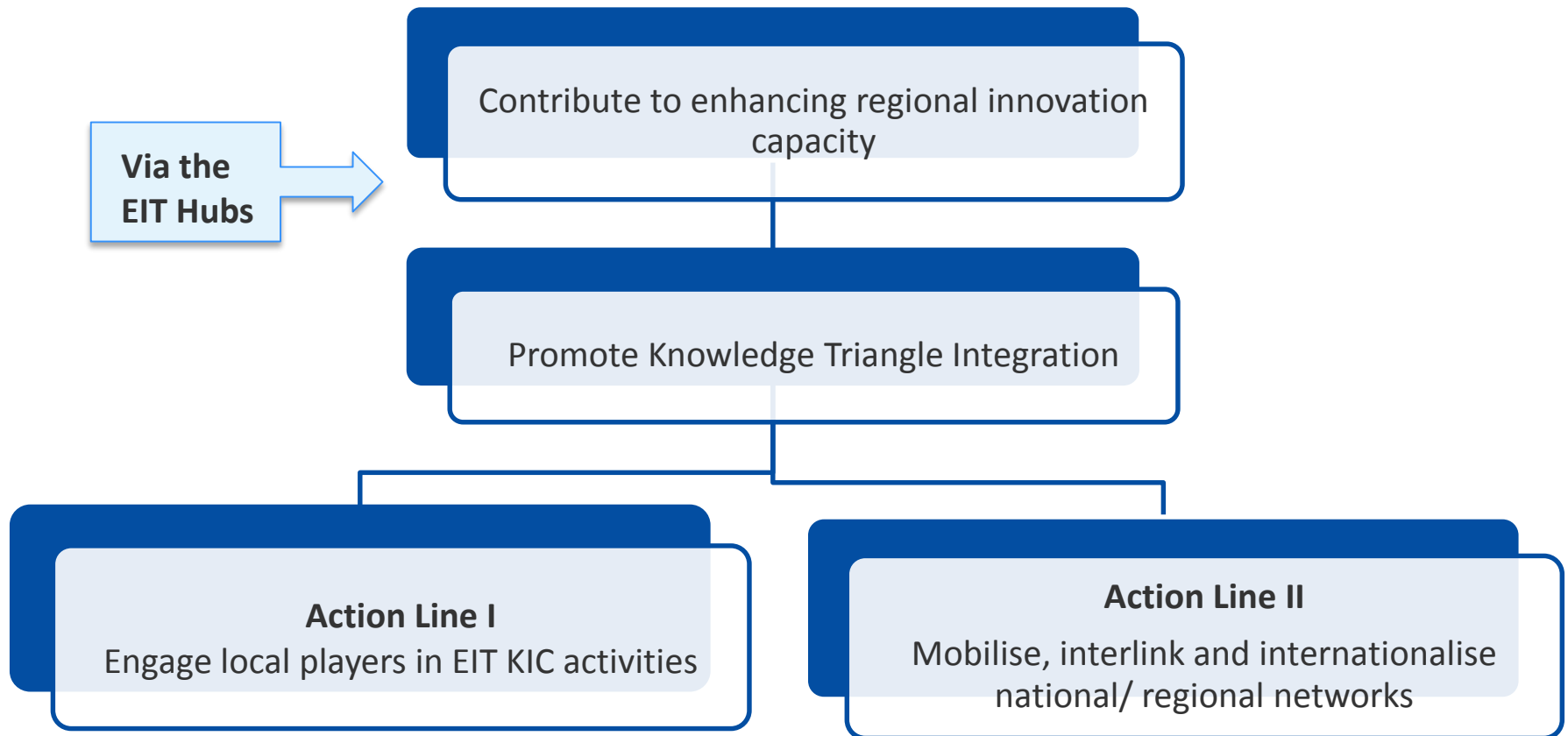
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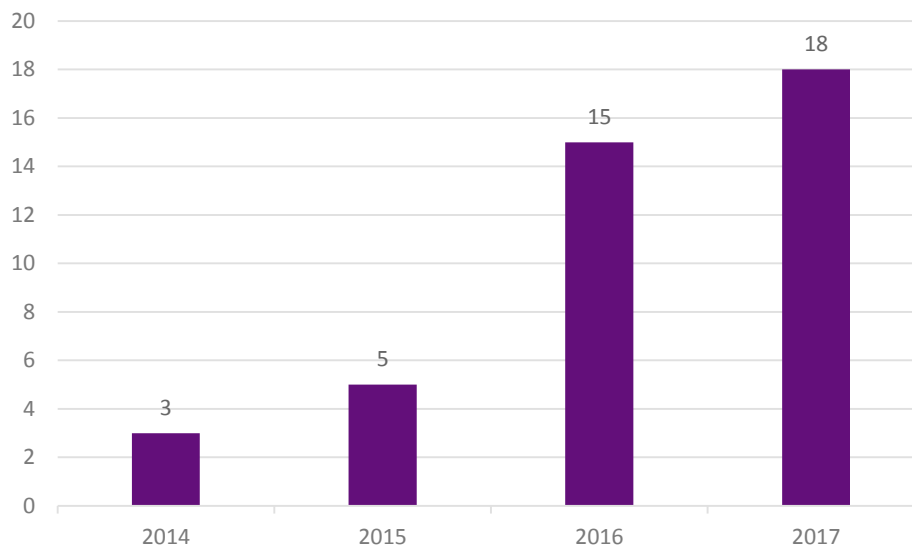
EIT Regional Innovation Scheme (EIT RIS): *Today*

- All EIT Innovation Communities are implementing targeted activities under the EIT Regional Innovation (EIT RIS) Scheme
- 2016: EIT grant paid to the 1st wave Innovation Communities: **5.1 MEUR**
- 2017: 10% of competitive funding earmarked for 1st and 2nd wave: **13.2 MEUR**
- 2018: **EIT RIS Fund** established for all Innovation Communities: **20 MEUR**
- Countries covered by the EIT Innovation Communities:
Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Greece, Hungary, Latvia, Lithuania, Malta, Poland, Portugal, Romania, South Italy, Slovakia, Slovenia, Serbia and Turkey
- EIT RIS **Guidance Note** & Innovation Communities EIT RIS **Strategies 2018-2020**:
focus on strengthening innovation ecosystems

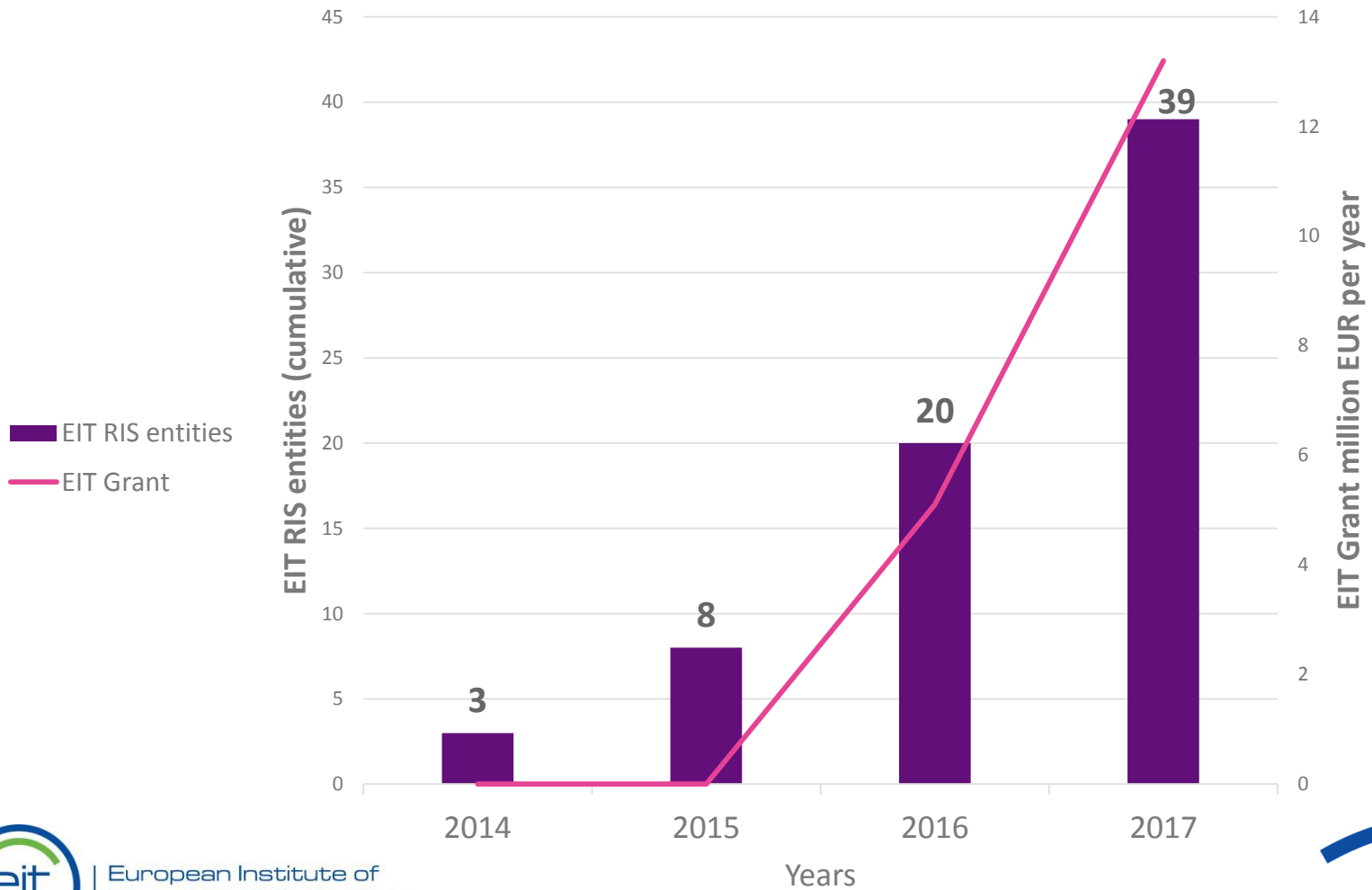
EIT Regional Innovation Scheme (EIT RIS): Intervention Logic 2018-2020



EIT Regional Innovation Scheme in Eligible Countries – Growth 2014-2017



EIT RIS Cooperation Entities and Grants





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Court of Auditor Special Report on EIT – Update on the Actions Implemented

Special Report – EIT Action Plan

EIT has reduced complexity:

- **Task Force Simplification:** EIT and KICs have simplified grant processes
- **Early signature of Grant Agreements:** time-to-grant significantly reduced (now: < 5 months)
- **Rules tailored to the KIC needs:** special IPR and liability rules, eligibility of capital expenditure, simplified costs for education activities, etc.
- **Single audit approach:** EIT centralises the audit certificates reducing the „auditing and administrative burden”, while increasing the level of assurance
- **Reinforced co-operation with the European Court of Auditors:** Court places reliance on the EIT’s own audits

Focus on results:

- **New KPI system** focussing on results and impact
- **Innovation Communities’ financial sustainability** strategies & reporting in place
- **Performance-based budgeting:** rewarding results, share of competitive funding is 60% and increasing

Special Report – Open Actions

- **Amendment of EIT Regulation:** EIT initiated in February 2017, Commission to submit proposal to legislative authorities in Q1/2018
- **Multi-annual grant agreements:** Not feasible in the current MFF; post-2020 multi-annual EIT budget should be designed accordingly
- **EIT financial autonomy:** Commission fact-finding visit to EIT in January 2017; decision expected in Q4/2017
- **EIT under-staffing:** Additional resources requested by EIT for 2018 (pending approval by the budgetary authorities); EIT Director recruitment to be re-launched and completed by the Commission

EIT's 2018 Call for two new Innovation Communities



EIT Urban Mobility*

Smart, green and integrated transport

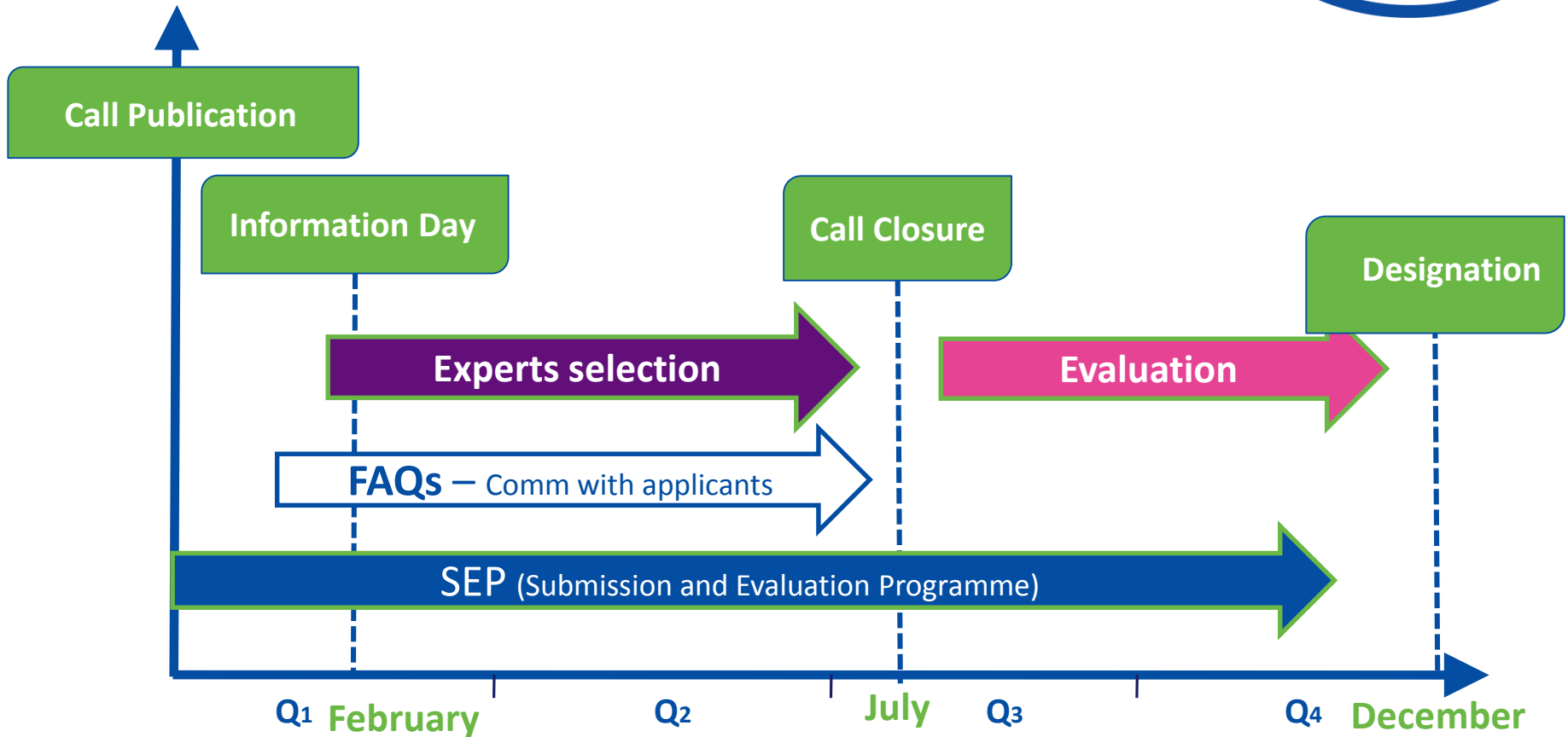


EIT Manufacturing

Added-value manufacturing



KIC Call 2018: Indicative timeline submission & evaluation





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Meet the EIT Community

The EIT Community in Member States and Horizon 2020 Associated Countries

Planned EIT Awareness Days Q1/2018

- February 2018: Belgrade, Serbia (tbc)
- March 2018: Chisinau, Republic of Moldova (tbc)

Planned EIT Community Dialogues on KTI Q4 2017

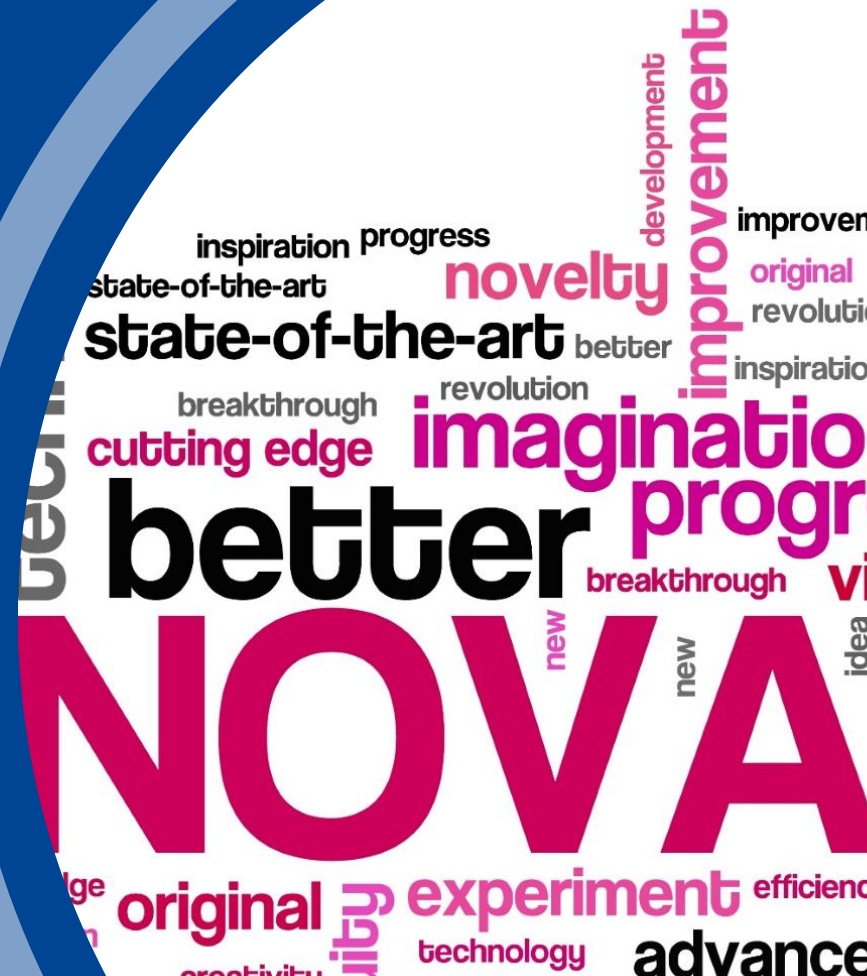
- 22 - 23 Nov: Maribor, Slovenia
- 30 Nov - 1 Dec: Kosice, Slovakia
- Nov/Dec: Athens, Greece (tbc)





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EIT Strategic Innovation Agenda 2021-2027



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Beyond 2020: Development of the EIT's Strategic Innovation Agenda

EIT Strategic Innovation Agenda (SIA) is the EIT's **seven-year strategy** which defines the priority fields and strategic objectives for the EIT, including:

- An assessment of its socio-economic impact and capacity to generate the best innovation added-value;
- An analysis of potential and appropriate synergies and complementarities between EIT activities and other Union initiatives, instruments and programmes;
- An estimate of financial needs and sources and an indicative financial plan.

It takes into account the results of the monitoring and evaluation of the EIT.



Our Future Ambition: EIT Vision 2030 and Mission

- The **EIT vision** is to be a global innovation leader delivering world-class solutions to societal challenges that create jobs and improve the quality of life of citizens.
- The **EIT's mission** is to strengthen Europe's innovation capacity by connecting and empowering people and organisations to create, educate and innovate.

EIT Future Objectives

EU-level goals the EIT will be contributing to:

- Contribute to sustainable European economic growth, jobs and competitiveness,
- Reinforce the innovation capacity of the EU, its Member States and regions,
- Address major societal challenges.

The specific objectives of the EIT will be to:

- Strengthen sustainable innovation ecosystems by connecting people, disciplines, sectors, organisations and resources,
- Enhance and bring solutions to societal challenges to the market by integrating business, education and research,
- Promote skills and competences for a strong inclusive entrepreneurship and innovation culture,
- Share innovative practices and learning and contribute to innovation policy in Europe.

Expected Future Impact

The **expected impact** we will deliver is **on three levels**:

- Socio economic impact: Improved quality of life, enhanced job creation and economic growth;
- Impact within the global societal challenges (e.g. reduction of CO² emissions etc.);
- Systemic impact on innovation and education systems: Improved capacity of participating organisations to innovate.

EIT Specific Objective 1: Foster and strengthen sustainable innovation ecosystems by connecting people, disciplines, sectors, organisations and resources

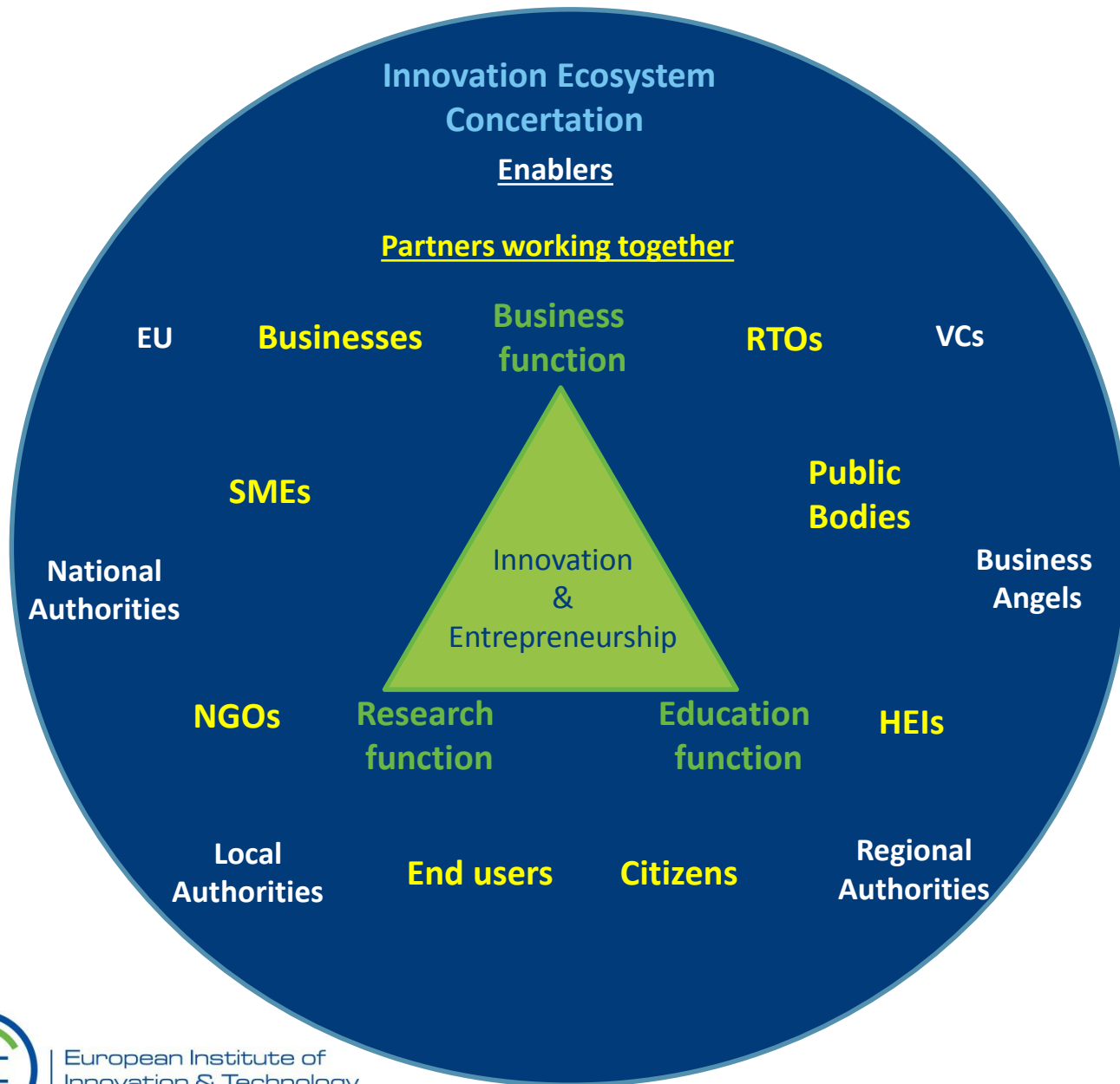
Two distinct pathways:

- 1. Reinforcing the effectiveness and expanding the number** of excellent sustainable innovation ecosystems in our Innovation Communities and hubs
- 2. Supporting Regions towards Excellence** – our Regional Innovation Scheme (EIT RIS)



Reinforcing the effectiveness and expanding the number of excellent sustainable innovation ecosystems

- Ensure that EIT Community's **ecosystems continue to deliver impact beyond EIT funding**;
- Ensure **continuous delivery of results and progress towards financial sustainability** of our five Innovation Communities
- **Enhance the flexibility of our innovation model through continuous simplification**
- Set up new EIT Innovation Communities to **address new challenges** faced by citizens and to realise the innovation potential in Europe;
- Strengthen the role of our **innovation hubs in driving innovation** and ensure that they **develop into acknowledged drivers of innovation** at regional, Member State and EU levels
- **Enhance innovation impact by increasing collaboration across our Innovation Communities and hubs**



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Key actors in our innovation eco-systems/hubs

Supporting Regions towards Excellence – EIT Regional Innovation Scheme (EIT RIS)

- **Facilitate the strengthening of innovation ecosystems** based on the KTI approach, creating strong links between business, research and education and engaging national and regional authorities
- **Enhance institutional capacity of innovation actors** by engaging in activities with and transferring good practices, learnings and know-how of our Innovation Communities
- **Link the local innovation ecosystems into the pan-European innovation system** through cooperation with our Innovation Communities and hubs;
- **Coordinate the EIT RIS with national and regional policy makers and managing authorities and promote and facilitate synergies and complementarities** with other EU initiatives and programmes

EIT Specific Objective 2: Bringing solutions to global societal challenges to the market by integrating education, business and innovation-driven research

- Creating **break-through solutions** to societal challenges
- Bringing solutions to the market along **intra-preneurial and entrepreneurial pathways**
- **Scaling-up** businesses

EIT Thematic Areas

- *by 2020*: we will cover 8 thematic areas
- *beyond 2021*: 4 new potential thematic areas
 - Security and resilience related threats
 - Inclusion and integration
 - Water and marine ecosystems
 - Cultural and creative industries

+ Out-of-the-box approach



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EIT addresses major societal challenges faced by Europe through innovation

Till 2020

1. Climate change adaptation and mitigation
2. Digital transformation
3. Sustainable energy
4. Sustainable health and social care systems
5. Scarcity of and dependence on raw materials
6. Healthy and sustainable food production
7. *Transforming today's industrial form of manufacturing*
8. *Greener and safer urban mobility*

EIT Specific Objective 3: Enhancing and promoting skills and competences for a strong inclusive entrepreneurship and innovation culture

- Educate the **next generation of entrepreneurs and change makers**
- Strengthen and further **develop the EIT Label**, step up promotion and **make the EIT Label available to** partners outside our Innovation Communities
- Enhance an **entrepreneurship and life-long learning** culture
- Widen our **educational offerings beyond higher education** to schools
- Offer new forms of learning experiences by **enhancing the links between business and education** partners
- Reduce skills **mismatch** and boost skills **uptake**
- Strategically guide our **EIT Alumni Community**
- **Take a more active and institutional role**, providing strategic guidance and conceptual support



EIT Specific Objective 4: Sharing innovative practices and learnings and contributing to innovation policy design in Europe

- Systematically identify and **codify our innovative approaches** and concepts
- Make our experience effectively available in a targeted and systematic manner as **good practices, new or improved models** for entrepreneurship, innovation and education
- Provide input to and **advice for policy makers** in our area of expertise – innovation, entrepreneurship and education
- Consider feedback and **translate learnings from innovation actors** as practitioners of our model into our operations

EIT SIA: Process



The EIT develops and submits to the European Commission its Draft SIA by end 2017

EIT
Stakeholder
Consultation

European Commission prepares legal proposal of the SIA/amends EIT regulation and submits it to the European Parliament and Council

Negotiations with Council and European Parliament

Adoption of the EIT Strategic Innovation Agenda and EIT Regulation 2021-2027



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Innovate with us!



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