

EIT - EUROPE'S ENGINE FOR INNOVATION

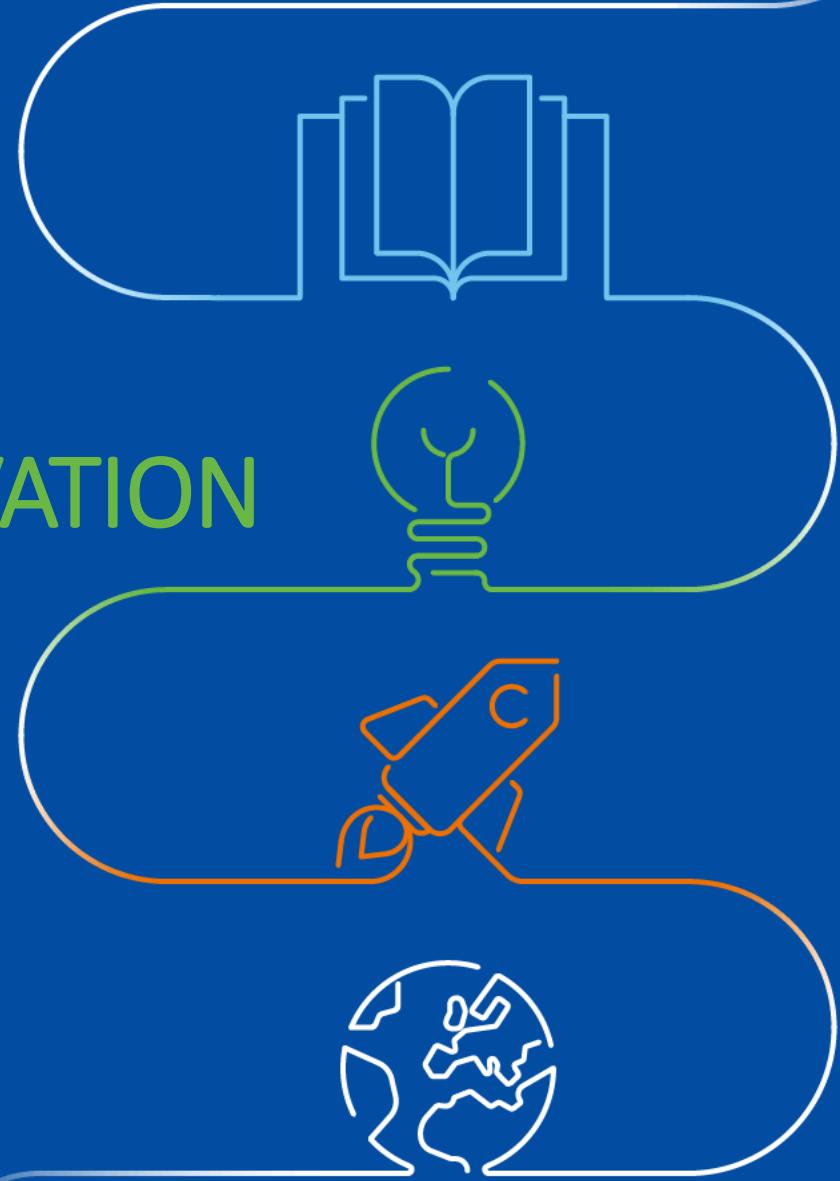
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EIT: A UNIQUE APPROACH TO INNOVATION

- Enhance innovation capacity, competitiveness & quality of life
- Pan-European innovation ecosystem
- Addressing global challenges

→ New EIT Strategic Innovation Agenda 2021-2027 builds on achievements and strong basis

We power innovators and entrepreneurs to develop innovative solutions
to global challenges and create growth and jobs for Europe



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2010



EIT Climate-KIC

Accelerate the transition to a zero-carbon economy



EIT Digital

Drive Europe's digital transformation



EIT InnoEnergy

Achieve a sustainable energy future for Europe

2015



EIT Health

Give EU citizens greater opportunities for a healthy life



EIT RawMaterials

Develop raw materials into a major strength for Europe

Coming soon



EIT Water

Contribute to a circular and sustainable water economy



EIT Culture & Creativity

Unite Europe's creatives

2022



EIT Urban Mobility

Smart, green and integrated transport

2019



EIT Manufacturing

Strengthen and increase the competitiveness of Europe's manufacturing industry



EIT Food

Lead a global revolution in food innovation and production

2017

EUROPE'S LARGEST INNOVATION COMMUNITY



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EIT ACTIVITY AREAS

- **EDUCATION:** educating the next generation of entrepreneurs via EIT Labelled master and doctoral programmes, executive training and post-doctoral courses, continuous professional development courses/modules, fellowship programmes, MOOCs.
- **EIT BUSINESS CREATION & ACCELERATION:** tailored business coaching & mentoring, access to market and customers, to new technologies and testbeds, to human resources and talent, venture support within thematic specialisations of each EIT KIC.
- **INNOVATION DRIVEN RESEARCH PROJECTS:** focus on commercialization, facilitation of co-creation, linking transdisciplinary innovation players from different ecosystems, to work together on market adaptability and responsiveness to market and social trends.



EUROPE'S TRIED, TESTED AND PROVEN INNOVATION ENGINE



*figures August 2021



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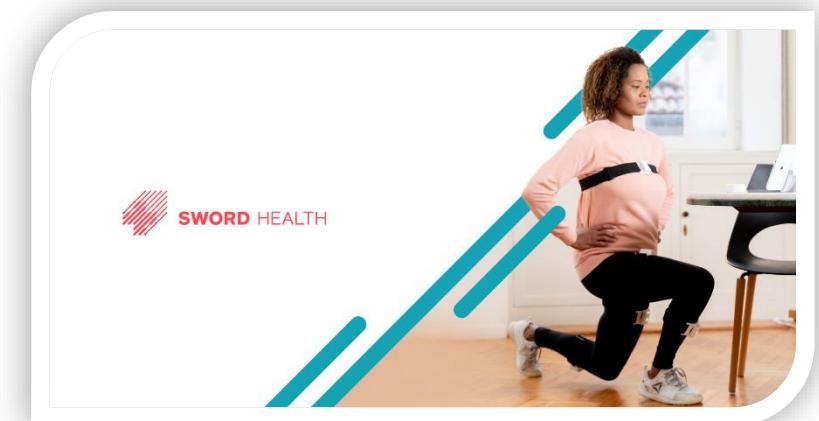
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EIT UNICORNS

4 EIT-backed start-ups have reached ‘unicorn’ status:

- ✓ **Lilium Aviation** (EIT Climate-KIC, Germany): developing the world’s first fully electric vertical take-off and landing jet.
- ✓ **Northvolt** (EIT InnoEnergy, Sweden): developing the world’s greenest lithium-ion batteries.
- ✓ **Ynsect** (EIT Climate-KIC, France): developing innovations for the agro-food and biotech industry.
- ✓ **SWORD** (EIT Health, Portugal): virtual care for patients with musculoskeletal (MSK) pain.



EIT STRATEGY 2021 – 2027: OVERARCHING PRIORITIES

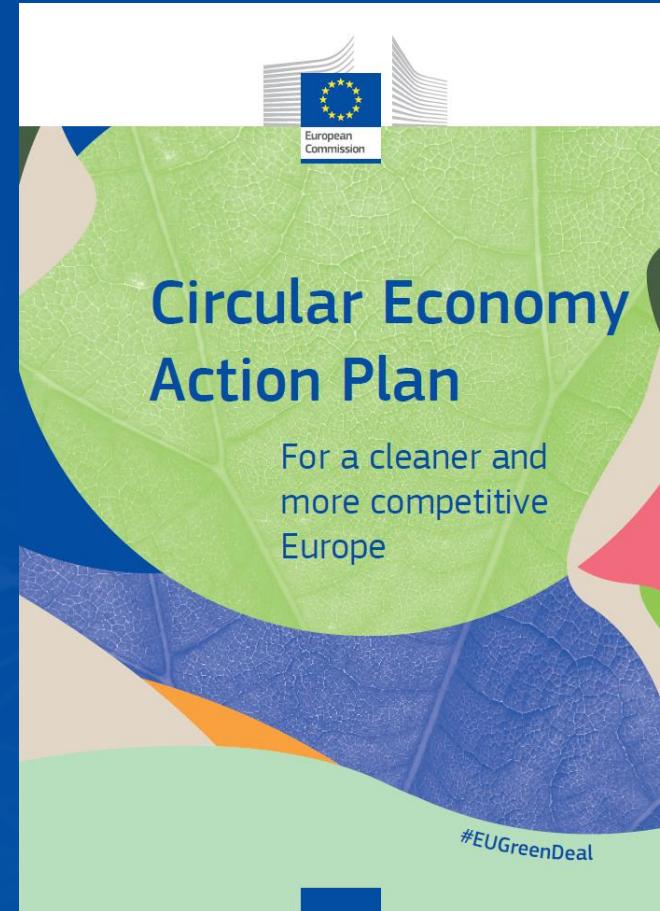
1. **Impact of the EIT Community and the Knowledge Triangle Integration Model** - 2 new KICs in 2022 and 2026 (EIT Culture & Creativity, EIT Water)
2. **Innovation capacity of the higher education sector** - target: around 750 higher education institutions; 3% of the EIT budget 2021-2023 (approx. 90 mil EUR)
3. **Regional outreach of the EIT to address regional disparities** - 10-15% of the EIT grants

EIT – Circular Economy

- Since 2019 – EIT and DG ENV collaboration on Circular Economy

EU Circular economy Action Plan: “The European Institute of Innovation and Technology will coordinate innovation initiatives on circular economy in collaboration with universities, research organisations, industry and SME's within the Knowledge and Innovation Communities.”

- Since 2020 - EIT Cross-KIC Activity on Circular Economy collaboration
- EIT KICs in EIT Cross-KIC Circular Economy: EIT RawMaterials, EIT Climate-KIC, EIT Digital, EIT Food, EIT Urban Mobility and EIT Manufacturing



EIT Circular economy Community - KICs initiatives



Cross-KIC Circular Economy Initiatives

Map of initiatives related to circular economy in the portfolios of all participating 6 KICs

<https://eit.europa.eu/tags/circular-economy>



European Stakeholders Circular Economy Initiatives

Map of initiatives related to circular economy in the portfolios of all participating 6 KICs

EIT Circular economy Community - Stakeholders

- SITRA
- EIB
- Ellen MacArthur Foundation
- JRC/BREF Documents
- ACR+
- ICLEI
- EEN – Enterprise Europe Network
- CERN
- HADEA
- REA
- UNEP

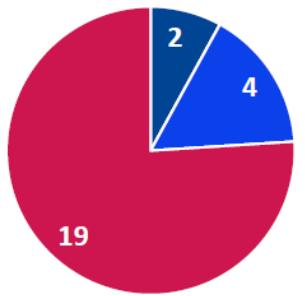
<https://www.eit-circulareconomy.eu/>

EIT Circular economy Community - KICs initiatives

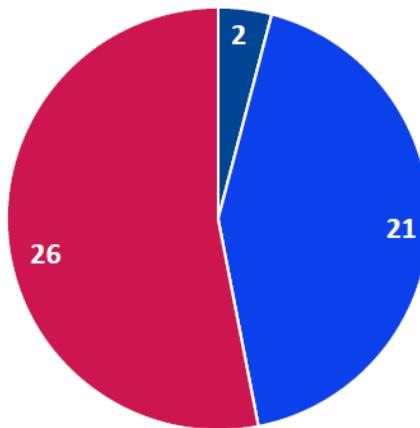
EIT Manufacturing example

EIT Manufacturing technology innovation contributes to resources efficiency, to reduce emissions and to increase quality and value

Total Green Manufacturing Activities in 2020: 25 projects



Total Green Manufacturing Activities in 2021: 49 projects



Production efficiency
Flexibility of production lines
Less defects
Less waste
Less rework
Less stock
Less energy

Less Resources
Less Emissions

High quality
More value

EIT Circular economy Community - ECESP Collaboration

- DG ENV – Agreement to establish continuous collaboration with ECESP (European Circular Economy Stakeholder Platform)
- #EUCircularTalks
 - 2020 Education, learning and skills for Circular Economy
 - 2021 Industrial Symbiosis (CircLean collaboration)
 - Collaboration with other Talks as for example:
 - Circular by Design: EuroCommerce: <https://www.linkedin.com/groups/13979244/>
 - Green Digital Passport: TCO and GS1: <https://www.linkedin.com/groups/14003195/>
 - Cities and Regions fostering CE transition: ACR+, EIB, Energy Cities, UVIC, Dublin City Council and Navarra Government: <https://www.linkedin.com/groups/14026082/>
- EIT Circular Economy Community representative in the ECESP Coordination group

EIT and Environmental Technology Verification (ETV)

- Since 2021 - EIT RawMaterials and EIT Manufacturing in the ETV Secretariat
- Since 2020 - EIT Cross-KIC activity launched ETV calls: 21 applications / 4 entities funded by the EIT
- 2022 – new ETV call and prize expected / 3 entities to be funded by the EIT





INNOVATE WITH US



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