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COVER NOTE

Subject: EIT (European Institute of Innovation & Technology) - Powerpoint presentation (Research WP meeting 12.01.2023)

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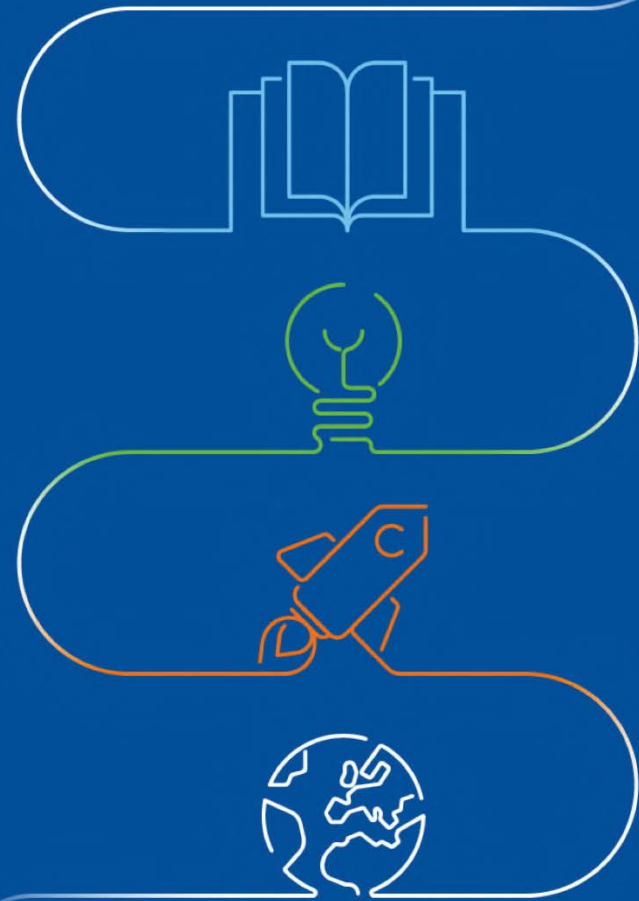
Council Working Party on Research

12 January 2023

Martin Kern, EIT Director



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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



EIT Health

Give EU citizens greater opportunities for a healthy life



EIT RawMaterials

Develop raw materials into a major strength for Europe

2026



EIT Water

Contribute to a circular and sustainable water economy

2022



EIT Culture & Creativity

Unite Europe's creatives



EIT Urban Mobility

Smart, green and integrated transport

2019



EIT Manufacturing

Strengthen and increase the competitiveness of Europe's manufacturing industry

2017



EIT Food

Lead a global revolution in food innovation and production



Main KPIs for EIT Community 2021 performance

- 269 innovative goods and services launched on the market
- 1 617 supported start-ups and scale-ups; including 20.5% with a women CEO or owner
- 95 created start-ups; including 21% with a women CEO or owner
- 1.9 billion EUR investment attracted by EIT Community supported start-ups and scale-ups; including 9.5% of women-led or owned companies
- 755 graduates from EIT-Labelled Master and PhD Programmes; including 34.8% women graduates
- 51 246 participants in other education and training programmes; including 56.3% women learners
- 84.1 million EUR total revenues generated by the KICs (financial sustainability)



Lilium Aviation (DE)

electric vertical jet

Supported by EIT Climate-KIC



Climeworks (CH)

carbon dioxide (CO₂) collectors

Supported by EIT Climate-KIC



Northvolt (SE)

the world's greenest battery

Supported by EIT InnoEnergy

EIT Unicorns Today



Ynsect (FR)

global leader in alternative protein
production

Supported by EIT Climate-KIC



Freyr (NO)

high energy density and cost-
competitive clean battery

Supported by EIT InnoEnergy



Sword Health (PT)

virtual care for patients

Supported by EIT Health



Owkin (FR)

better patient drugs by machine learning

Supported by EIT Health

Performance in EIT RIS Countries – Success Stories

Based on the verified 2021 EIT results data, EIT RIS-eligible countries:

- ✓ Attracted in excess of **€123.5M** in EIT funding, nearly 39% of the total EIT grant, out of which more than **€27M** came from EIT RIS activities.
- ✓ More than **42%** of the total partners were based in EIT RIS-eligible countries.
- ✓ More than **900 start-ups**, 56.2% of the total number supported by the EIT Community, were based in EIT RIS-eligible countries.
- ✓ Well over **30,000 participants** from EIT RIS-eligible countries benefited from EIT education and training activities.



Ecosystem Map – New!

Bringing together information on all EIT community locations in one map:

HQs, CLCs, RIS hubs, Global Outreach

- ✓ **“One stop shop”**: easily find EIT community locations/ opportunities by country / KIC.
- ✓ Contact information, websites, news and opportunities made **easy to navigate** through a single portal.
- ✓ **Boosts transparency**, showcases the opportunities offered by the EIT community.

Filters

165 results

Search

Country

☐ Also display offices located in other countries which offer services in my country.

Countries

Type

- ☐ Co-Location Centre
- ☐ EIT Community Hub
- ☐ EIT RIS Hub
- ☐ KIC Headquarters

EIT Community

- ☐ EIT
- ☐ EIT Alumni
- ☐ EIT Climate-KIC
- ☐ EIT Digital
- ☐ EIT Food
- ☐ EIT Health
- ☐ EIT InnoEnergy
- ☐ EIT Manufacturing
- ☐ EIT RawMaterials
- ☐ EIT Urban Mobility
- ☐ EIT Culture & Creativity

The EIT Community is the world's largest innovation ecosystem. It is made up both of the European Institute of Innovation & Technology (EIT) and nine thematic EIT Knowledge and Innovation Communities (KICs), acting as the Institute's operational arms. Working together, we use the power of our network to boost innovation in Europe and partner countries around the world.

Use the map below to discover EIT Community locations near you, contact details, and information about the services we and our partners can offer you.



Poznań Institute of Technology

Łwarysta Estkowskiego 6, 61-755 Poznań, Poland

EIT Urban Mobility **EIT RIS Hub**

Contact Information

Website: <https://ilms.lukasiewicz.gov.pl/>

Contact Person: Małgorzata Kirchner

Phone: +40748302022

Email: rishub.poland@eiturbanmobility.eu

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All local stakeholder targeted with different activities (entrepreneurs, SMEs/start-ups, students, cities, professionals, local decision makers). Services for 1) awareness raising/information 2) innovation support 3) Business creation, 4) Education, 5) local community building. For more information you can contact the RIS HUB main contact or the RIS manager of EIT UM



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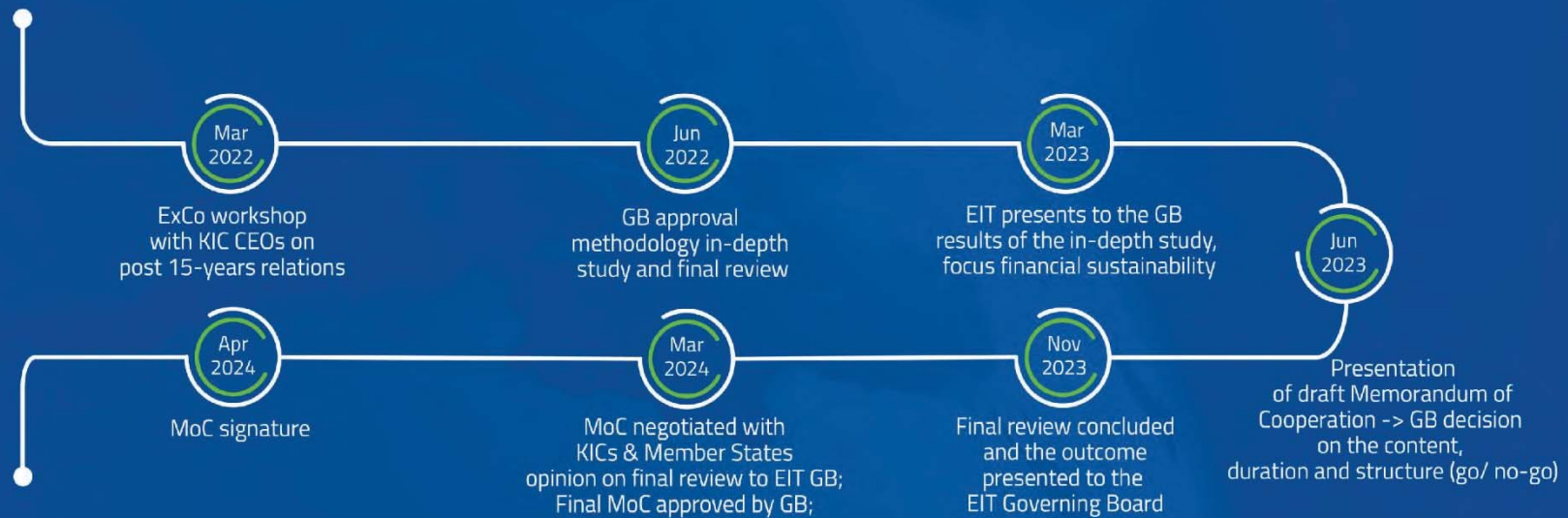


Financial Sustainability of KICs

- **Unique ambition** of the EIT model, no benchmark exists
- First-wave KICs **revenues growing significantly**
 - 48 MEUR in 2021, up from 35 MEUR in 2020 (37% increase)
 - Compared to total EIT funding of 98 MEUR in 2021
- Revenues are **diverse and sustainable – but uneven**:
 - Rol: exits from investments (7+ MEUR), revenue shares (3 MEUR)
 - Education: Masters (3+ MEUR), professional (e.g. battery courses)
 - Services: consulting, success fees (e.g. EIT Digital Accelerator)
 - Membership fees and capital increases
 - **Alternative funding sources**: competitive calls under other EU programmes (NetZeroCities), national/regional governments, other funders



Post-year 15 cooperation roadmap



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The EIT InnoEnergy case

- Established a trusted, pan-European innovation ecosystem
- Creates value to all knowledge triangle actors
- Built a financially viable and sustainable network organisation (300+ assets created)
- By accelerating new technologies to the market, contributes significantly to the Energy Transition and other key EU policy priorities
- Leading role in creating new European industrial value chains: European Battery Alliance (EBA), European Green Hydrogen Acceleration Centre, European Solar Initiative
- EBA Academy: setting up a pan-European education ecosystem for the battery industry

"We all agree that the EBA is crucial to bolster Europe's resilience and strategic autonomy in key industrial ecosystems, notably by reducing our dependency on third countries, such as China and South Korea". Maroš Šefčovič



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EIT Culture & Creativity

Winning proposal “**Innovation by Creative Economy**” designated by EIT Governing Board on **22 June 2022**

50 partners from 20 countries HQ in DE | Co-Location Centres in NL, FIN, IT, ES, AT, SK

Main areas of action:

- economic regeneration and societal cohesion
- industrial & social changes incl. climate adaptation & mitigation
- innovation & skills, novel financing
- cross-industry innovation

Main targets by 2030:

- **1 500** graduates from EIT-labelled programmes
- **44 000** professionals upskilled
- **155** marketed innovations
- **200** start-ups created
- **EUR 80 million** invested in start-ups
- **1 800** CCSI organisations transformed to be more digital, green and social

EIT Culture & Creativity: next steps

- Signature of Start-Up Grant Agreement (SUGA) planned for **early 2023** for an EIT Grant of up to million 6 EUR for the following activities:
 - Strategy development; Operational and legal set-up of the KIC
 - Calls for first projects, Multi-annual Business Plan
 - Early bird activities, incl. summer camp and start-up contest
- First calls to be launched in **the first half of 2023**
 - All calls will be open to new partners to apply and join the KIC
 - Call information will be published on EIT Funding & Tenders portal, as well as KIC and EIT websites
 - Call information will be circulated to the NCP & MSRG network
- Business Plan 2024-2025 to be submitted in **September 2023**



EIT HEI Initiative

Pilot Results (Call 1 & 2)

- 49 projects supported, with a total budget of EUR 59 million
- 600 full and associated partners (incl. 292 HEIs) from 39 countries

Call 3 - Forthcoming

- **Call Launch:** 8 November 2022
- **Call Closure:** 19 January 2023
- **Announcement of Results:** 3 April 2023
- **Primary focus:** Deep Tech Talent capacity
- **Budget:** EUR 9 - 12 million

Next Steps

- ✓ Call 3 using lessons learnt from Calls 1 & 2
- ✓ Feedback session with NCPs & MSRG in Q1 2023
- ✓ Evaluation of Pilot in 2023-2024 (TBD)
- ✓ Results of the pilot evaluation to be shared with MSRG
- ✓ Decision by EIT GB on continuation of HEI Initiative



EIT CAMPUS



The EIT Campus:
your go to place for
all EIT education
programmes and services!

- ✓ EIT Campus was launched on 10 January at a Press Event in Brussels together with Commissioner Gabriel
- ✓ The online platform will be home to all EIT entrepreneurship education services, including EIT Label degrees, formal and non formal courses and upskilling and training services.
- ✓ Over 65 courses are now live focusing in the areas of **climate, food, raw materials and urban mobility**
- ✓ Over the next two years **over 250 courses** will become available from all 9 EIT Knowledge and Innovation Communities
- ✓ The EIT Campus will house countless other opportunities from EIT Flagship programmes such as Girls Go Circular, the Deep Tech Talent Initiative, The EIT HEI Initiative and more!



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EIT DEEP TECH TALENT INITIATIVE

The EC launched the new European Innovation Agenda in July 2022. EIT is contributing to several flagship actions and plays a central role in the **EIT Deep Tech Talent Initiative**:

WHAT: Skill, up-skill and re-skill **1 million talents** to create a European talent pool in deep tech

HOW: By developing, scaling up and disseminating pan-European talent and skills development programmes in deep tech

- The EIT Community **will offer courses** in deep tech areas as well as **calls for proposals** to develop new curricula
- The EIT is also inviting other organizations to contribute to the goal of 1 million talents by offering training initiatives through **the Pledge for Deep Tech Talents** (45 expression of interests so far)
- All courses offered to pupils, high schoolers, university students and adult professionals will be available on the deep tech **platform**
- The DTTI can be applied across **various sectors** such as: Artificial Intelligence & Machine Learning, Advanced Digital Technologies, Sustainable Energy & Clean Tech, Advanced & Quantum Computing, Robotics, Advanced Materials & Manufacturing, Semiconductors, Extended reality (VR/AR), Electronics & Photonics, Biotechnologies, Aerospace, Automotive & Remote Sensing

WHEN: Over a period of 3 years between 2023-2025

IMPLEMENTING THE DEEP TECH TALENT INITIATIVE



EIT and its Knowledge and Innovation Communities

Training initiatives, Calls for Proposals to develop new curricula

Pledge for the Deep Tech Talent Initiative: potential contributions

Education and Training Institutions

Courses, training initiatives

Enterprise and Enterprise Associations:

Trainings for employees and adults

Financing Partners

Calls for Proposals, grants

Member States and Institutional Partners

Public government and non-profit organisations, including national and EU level Agencies are encouraged to Pledge by launching training initiatives, Calls for Proposals etc.



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JOIN THE PLEDGE FOR DEEP TECH TALENT!

The initiative will ensure that Europe is in the vanguard of global cutting-edge technological advancements, and I encourage all European deep tech stakeholders, from educators and employers to Member States, to make a pledge to support it."

Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth

- 2023 marks the **European Year of Skills**.
- The EIT is inviting MSs to explore and take part in the Pledge: <https://www.eitdeeptechtalent.eu/the-pledge/>

Member State-level public organizations may join the Pledge by:

- Launching new skills development initiatives
- Aligning their existing programs to the goals of the initiative
- Disseminating information
- Mobilizing their own ecosystems.

The Pledging organizations may benefit from the membership by:

- Becoming part of a leading knowledge hub in deep tech
- Tapping into other opportunities & services such as: a technology radar tracking emerging technologies, a database of DTTI learners & a tool for identifying skills gaps and matching individuals with relevant courses.



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SUPPORTING UKRAINE: PUTTING THE EIT COMMUNITY AT THE UKRAINIAN PEOPLE'S SERVICE

- The EIT Community responded very rapidly (March). EIT Community partners opened their campuses to those seeking shelter, treatment, jobs, and scholarships.
- The EIT Community calls are open for the HE eligible participants and Ukrainian participants are strongly encouraged to participate.
- KICs plan activities for 2023-2025: initiatives will be included to help support situation in Ukraine
- Some KIC activities have encouraged engagement of UA stakeholders by offering specific funding opportunities for Ukrainian participants or better tailoring the activities towards Ukrainian stakeholders

E.g. Girls Go Circular project where 14–19-year-old girls are picking up digital and entrepreneurial skills, offers trainings in Ukrainian → the plan is to train at least 500 pupils and MS are encouraged to promote the scheme.

A Reinforced Engagement with EU Member States

EIT Member State Representatives Group (MSRG):

- ✓ 58 Members representing 27 EU MS & 7 Associated Countries to HE
- ✓ Advises EIT Governing Board & EIT Director on strategically important issues & facilitates synergies with national/regional initiatives
- ✓ By end of 2023, a co-chairperson will be elected among the MSRG members
- ✓ More info: <https://eit.europa.eu/who-we-are/our-stakeholders-partners/member-states-representatives-group/documents>

EIT National Contact Points (NCPs):

- ✓ 101 NCPs from 65: EU Member States, Horizon Associated countries & Third countries
- ✓ NCPs are important information multipliers, raising awareness of EIT Community's work, activities, and opportunities, and offer guidance to potential EIT KIC partners
- ✓ In 2023: Launch of a Coordination and Support Action (CSA) for a Transnational NCP Network to help sharing good practices and raising awareness of the EIT and its KICs inside and outside Europe etc.



EIT capacity - Staffing constraint

EIT GB opinion on AAR June 2022: *GB remains highly concerned about the continuous structural understaffing of the EIT, as also confirmed by several independent auditors including the European Court of Auditors.*

IAS commented in its latest audit report that structural understaffing brings the risk of irregularities and heavy workload which *"is believed to be leading to tensions, sickness and impossibility to implement the EIT's multi-annual work programme and provide assurance on the managed funds"*.

Under new programme 2021/2027 EIT request for 15 additional posts was declined, although in the legislative financial statement it is acknowledged that *'the EIT administrative costs are very low with less than 2% of the total budget compared to the average of 4.6% reported for Horizon 2020'*;

July 2022: EIT reorganisation *'fit for purpose'* but **EIT staff remains at 72 posts**, efficiency gains and outsourcing implemented





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