

HORIZON EUROPE

INNOVATIVE EUROPE

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Horizon Europe - European Union's flagship programme for Research and Innovation, running for seven years **from 2021 to 2027**, intending to deliver scientific, technological, economic and societal impact to strengthen scientific and technological bases, and to foster competitiveness.

- **Budget of €95.5 billion** across the programme
- The programme aims are to strengthen the European Research Area (ERA), boost Europe's innovation capacity, competitiveness and growth, and to deliver on citizen's priorities.
- Three main pillars:
 1. ***Excellent Science***
 2. ***Global Challenges and European Industrial Competitiveness***
 3. ***Innovative Europe***



Pillar 1 EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures



Pillar 2 GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre



Pillar 3 INNOVATIVE EUROPE

European Innovation Council

European innovation ecosystems

European Institute
of Innovation and Technology

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

I EUROPEAN INNOVATION COUNCIL (EIC)

- supports innovations with breakthrough and market creating potential
- welcomes innovators, entrepreneurs, small companies and scientists with ideas and ambitions to scale up internationally;
- the funding helps to develop ideas into markets.

Innovation **performance**

- **Strong research performance not translated** into innovation
- **Lack of breakthrough/ disruptive innovations** that create new markets

Innovation **funding**

Financing gaps (2 “valleys of death”) in

- **Transition** from lab to enterprise
- **Scaling up** for high-risk innovative start-ups

Innovation **ecosystem**

- Many national & local ecosystems, but **fragmented at European level**
- Need to **include all regions and all talent** (especially female innovators)



EIC Work Programme: main instruments and characteristics

Pathfinder

- Early stage research on breakthrough technologies, for advanced research
- TRL 1-4
- Successor of FET (Open & Proactive)
- Consortia with at least three different independent legal entities established in at least 3 different eligible countries
- For challenge driven calls – single applicant or smaller consortia (2 partners)



- Mission to **identify, develop and deploy high risk innovations** of all kinds

- Focus on **breakthrough, market creating, deep tech**

- **Advisory Board** of leading innovators (entrepreneurs, investors, innovative researchers, ecosystem)

- **Business Acceleration Services** (coaches/mentors, corporates, investors, ecosystem)

- **Pro active management** (reviews, reorientations, etc) with **Programme Managers**

- **Follow up funding for results from Horizon (ERC, EIT, collaborative) & national programmes**

Transition

- From proof of concept (TRL 2-3) to viable business case
- TRL 4-6 (and business/ market readiness)
- Towards Entrepreneurship/Licensing
- Single applicant (startup, spinoff, research organisation) or smaller consortia (2-5 partners)
- Must build on the results of eligible Pathfinder, FET or ERC Proof of concept projects



Accelerator

- Development & scale up of deep-tech/ disruptive innovations by startups/ SMEs
- TRL 5/6-8 - to support companies in bringing their innovations to the market and scaling up (and 9 for equity)
- Successor of SME instrument
- Single startups, spinoffs, SMEs, individuals intending to launch startups, small mid-cap (up to 500 employees)



- ✓ EIC awards most of the funding through **open calls**.
- ✓ There are **no predefined priority themes**
- ✓ Open funding supports technologies and innovations that cut across scientific, technological, sectoral and application fields or represent new combinations
- ✓ EIC allocates funding to projects that address **technological and innovation breakthroughs**
- ✓ Project proposals must take the European Union priorities into account: to transition to a **sustainable, digital and healthy society, and fit within strategic plans for Horizon Europe**.
- ✓ For more information, you can visit [EIC Work Programme:](https://eic.ec.europa.eu/system/files/2021-03/EIC%20Work%20Programme%202021.pdf)
<https://eic.ec.europa.eu/system/files/2021-03/EIC%20Work%20Programme%202021.pdf>

EIC OPENED CALLS:

- **Cooperation with EEN (SoE, Applicants in widening countries and from women-led companies) (HORIZON-EIC-2021-EEN-01)**

deadline 06 January 2022

Link:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-eic-2021-een-01-01>

The predicted deadlines for 2022 are as follows: EIC Pathfinder (Open 2 March 2022; Challenges 26 October 2022) and EIC Transition (cut-offs at 6 April 2022; 15, June 2022 and 5, October 2022, for both Open and Challenges). This information comes from the draft version of the work programme and can be changed.

II EUROPEAN INNOVATION ECOSYSTEMS (EIE)

- the **second component** of the 'Innovative Europe' pillar of Horizon Europe intended to better connect innovation ecosystems at the European, national and regional levels
- promotes **collaboration between different** actors to maximise the impact of innovation ecosystems
- **complementarities and synergies with other EU**, national and regional programmes and funds, and close association with private entities, are being encouraged
- the European Innovation Ecosystems (EIE) **Work Programme** – to create the ground for a sustainable, robust and integrated European innovation ecosystem.
https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-10-european-innovation-ecosystems_horizon-2021-2022_en.pdf
- main objective to support **the scaling of companies and spurring innovation to address important challenges**
- For more information, you can visit **EIE Work Programme:**
https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-10-european-innovation-ecosystems_horizon-2021-2022_en.pdf

MAIN BENEFICIARIES

Universities,
Government
Industries and Society

innovation agencies, incubators
accelerators
competitiveness clusters
technological infrastructures
business support networks
social innovation agents

innovative SMEs
start-ups
public companies
Academia
RTOs,
technological interface centres
investors
foundations
associations and civil society

* The EIE calls are grouped under three main destinations: CONNECT, SCALEUP and INNOVSMES.

SCALEUP

- reinforces network connectivity within and between innovation ecosystems, accelerate sustainable business growth and promote female leadership in deep tech.

CONNECT

- offers a holistic package of actions that foster the implementation of co-funded multi-annual programmes of activities among Member States, Horizon Europe Associated Countries and EU regions and it encourages the inclusion of more stakeholders from across the quadruple helix and stimulates innovation procurement to help the market uptake of innovative solutions.

INNOVSMES

- supports the European Partnership on Innovative SMEs.

EIE OPENED AND FORTHCOMING CALLS

- ELEVATING THE SCALABILITY POTENTIAL OF EUROPEAN BUSINESS (2022.1) (HORIZON-EIE-2022-SCALEUP-01)

OPENING DATE: 25 JANUARY 2022 - DEADLINE DATE 10 MAY 2022

LINK: [HTTPS://EC.EUROPA.EU/INFO/FUNDINGTENDERS/OPPORTUNITIES/PORTAL/SCREEN/OPPORTUNITIES/TOPIC-DETAILS/HORIZON-EIE-2022-SCALEUP-01-01](https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2022-scaleup-01-01);

- ELEVATING THE SCALABILITY POTENTIAL OF EUROPEAN BUSINESS (2022.2) (HORIZON-EIE-2022-SCALEUP-02)

PLANNED OPENING DATE: 21 JUNE 2022; DEADLINE DATE: 04 OCTOBER 2022

LINK: [HTTPS://EC.EUROPA.EU/INFO/FUNDINGTENDERS/OPPORTUNITIES/PORTAL/SCREEN/OPPORTUNITIES/TOPIC-DETAILS/HORIZON-EIE-2022-SCALEUP-02-01](https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2022-scaleup-02-01)

- TOWARDS MORE INCLUSIVE NETWORKS AND INITIATIVES IN EUROPEAN INNOVATION ECOSYSTEMS INTERCONNECTED INNOVATION ECOSYSTEMS (2022.1) (HORIZON-EIE-2022-CONNECT-01)

PLANNED OPENING DATE: 11 JANUARY 2022; DEADLINE DATE: 26 APRIL 2022

LINK: [HTTPS://EC.EUROPA.EU/INFO/FUNDINGTENDERS/OPPORTUNITIES/PORTAL/SCREEN/OPPORTUNITIES/TOPIC-DETAILS/HORIZON-EIE-2022-CONNECT-01-01](https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2022-connect-01-01)

- INTEGRATION OF SOCIAL INNOVATION ACTORS IN INNOVATION ECOSYSTEMS - INTERCONNECTED INNOVATION ECOSYSTEMS (2022.1) (HORIZON-EIE-2022-CONNECT-01)

PLANNED OPENING DATE: 11 JANUARY 2022; DEADLINE DATE: 26 APRIL 2022

LINK: [HTTPS://EC.EUROPA.EU/INFO/FUNDINGTENDERS/OPPORTUNITIES/PORTAL/SCREEN/OPPORTUNITIES/TOPIC-DETAILS/HORIZON-EIE-2022-CONNECT-01-02](https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2022-connect-01-02)

▶ EIE OPENED AND FORTHCOMING CALLS

- **IMPLEMENTING CO-FUNDED ACTION PLANS FOR INTERCONNECTION OF INNOVATION ECOSYSTEMS - INTERCONNECTED INNOVATION ECOSYSTEMS (2022.2) (HORIZON-EIE-2022-CONNECT-02)**

PLANNED OPENING DATE: 14 JUNE 2022, DEADLINE DATE: 27 SEPTEMBER

LINK: [HTTPS://EC.EUROPA.EU/INFO/FUNDING-TENDERS/OPPORTUNITIES/PORTAL/SCREEN/OPPORTUNITIES/TOPIC-DETAILS/HORIZON-EIE-2022-CONNECT-02-01](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2022-connect-02-01)

- **STIMULATING INNOVATION PROCUREMENT - INTERCONNECTED INNOVATION ECOSYSTEMS (2022.2) (HORIZON-EIE-2022-CONNECT-02)**

OPENING DATE: 14 JUNE 2022; DEADLINE DATE: 27 SEPTEMBER 2022

LINK: [HTTPS://EC.EUROPA.EU/INFO/FUNDING-TENDERS/OPPORTUNITIES/PORTAL/SCREEN/OPPORTUNITIES/TOPIC-DETAILS/HORIZON-EIE-2022-CONNECT-02-02](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2022-connect-02-02)

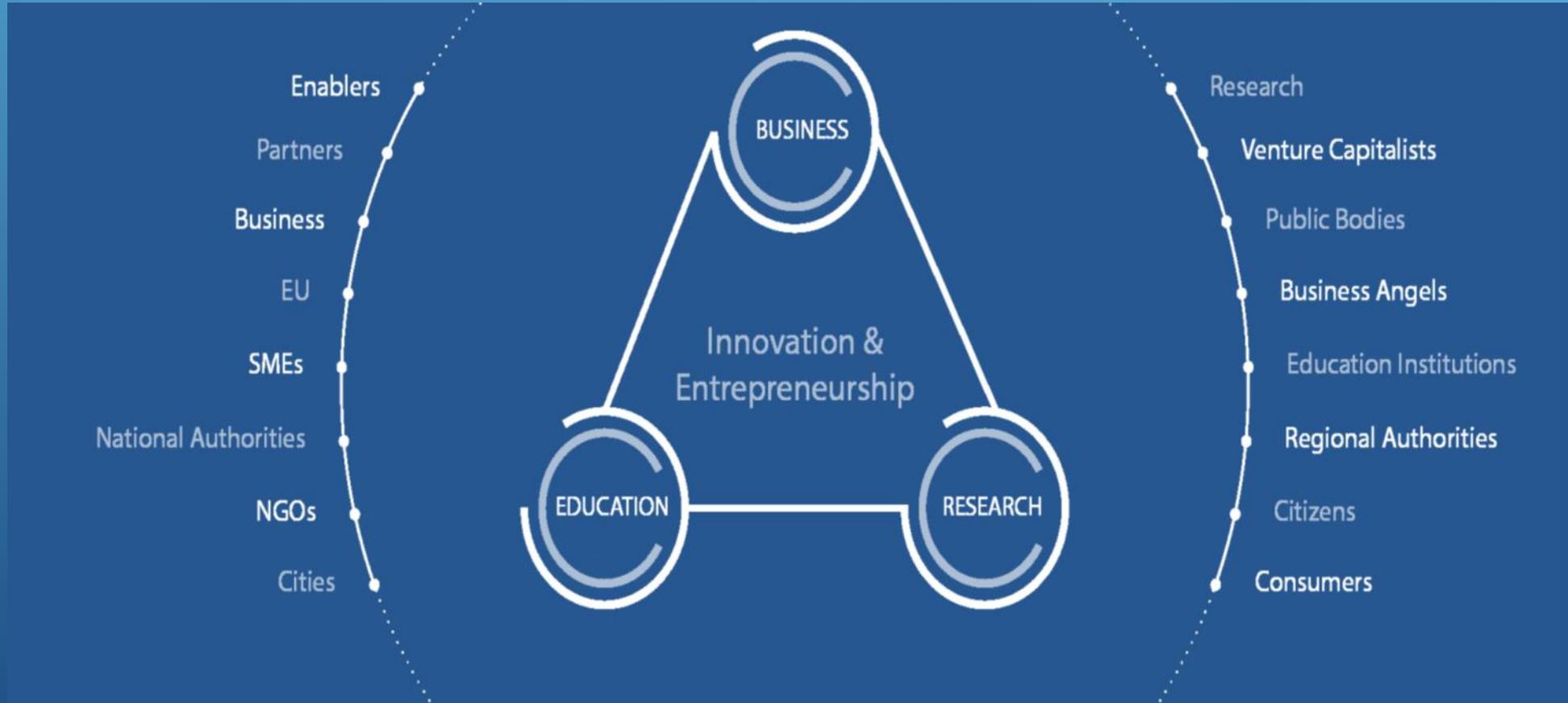
III EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY (EIT)

- launched in 2008 as an initiative geared towards strengthening **competitiveness, innovation and sustainable growth in the European economic area**
- EIT focuses on networking the key players of **the knowledge triangle**, by establishing long-term international linkage points between **university institutes, research institutions, industry and SMEs**
- operative activities are delivered through operative partnerships known as **“Knowledge and Innovation Communities” (KICs)** – highly integrated public-private networks of universities, research organisations and businesses
- a KIC brings together outstanding **business enterprises, universities and research institutes** in **innovation hubs** (or "co-location centres")
- the cornerstone of the EIT initiative is **direct involvement of business stakeholders, including SMEs**, in all strategic, operational, and financial aspects of the Institute
- **funding scheme**: the EIT provides seed financing to the KICs, which covers up to 25% of their funding needs. The rest of the KICs' financial needs are to be covered by the KIC partners and other sources (Horizon 2020, ESI Funds, national and regional funding schemes, enterprises etc.).

THE EIT – UNIQUE INNOVATION INSTRUMENT

- Enhances Europe's **innovation capacity, competitiveness & quality of life**
- **Innovation ecosystems** to increase cooperation and integration between business, education and research
- Addresses **societal challenges**
- **Unique features:** pan-European, long-term (7-15 years), financial sustainability

EIT INNOVATION MODEL



EIT INNOVATION COMMUNITIES

Eight large KIC consortia have been selected on the following topics since 2009:

- ❖ **EIT Climate-KIC:** climate change mitigation and adaptation
- ❖ **EIT InnoEnergy:** sustainable energy
- ❖ **EIT Digital:** future information and communication society
- ❖ **EIT Raw Materials:** radical innovations for the raw materials sector
- ❖ **EIT Health:** healthy living and active ageing
- ❖ **EIT Food:** sustainable supply chain from resources to consumers
- ❖ **EIT Manufacturing:** leading manufacturing innovation is made by Europe
- ❖ **EIT Urban Mobility:** mobility for liveable urban spaces

NOTE: The Call for the new **KIC EIT Culture & Creativity** is open with deadline on 24 March 2022

<https://eit.europa.eu/our-activities/call-for-eit-communities/2021>

EIT EDUCATION

EIT PROVIDES MULTIPLE EDUCATION INITIATIVES:

1. MASTER AND DOCTORAL PROGRAMMES

- INTERNATIONAL COOPERATION, INDUSTRY INVOLVEMENT
- TRAINING ON SPECIFIC SKILLS AND COMPETENCES
- MOBILITY, INTERNSHIPS AND SCHOLARSHIPS/FELLOWSHIPS

2. EXECUTIVE TRAINING AND POST-DOCTORAL COURSES

3. CONTINUOUS PROFESSIONAL DEVELOPMENT COURSES /MODULES

4. LEARNING MODULES AND MOOCS; ALUMNI AND OUTREACH ACTIVITIES





EIT BUSINESS CREATION & ACCELERATION

EIT powered activities:

- Tailored support for entrepreneurs:

business coaching&mentoring, access to market and customers, access to new technologies and testbeds, access to talent, access to finance...

- Sourcing start-ups and scale-ups: venture and ideas competitions, referrals

- Venture support within thematic specialisations of each Innovation Community

Benefit for start-ups & scale-ups:

- Market orientation
- Shorter time-to-market
- Access to Europe's largest innovation network
- Proximity to finance sources

EIT REGIONAL INNOVATION SCHEME: CREATING EUROPEAN INNOVATION COMMUNITY

Objective

- Contribute to enhancing of the innovation capacity in **moderate and modest innovators*** Member States and Horizon 2020 Associated Countries

Approach

- Share and transfer good practices of **knowledge triangle integration**
- **Widen participation** in EIT Innovation Communities and create pan-European networks
- Allow collaboration in regions and countries that have been designing **Smart Specialization Strategies**

* European Innovation Scoreboard



EIT CLIMATE KIC – CLIMATHON MONTENEGRO

- **Country:** Montenegro
- **Description:** a world-famous environmental competition dedicated to climate change
- **Aim:** propose innovative solutions to urban areas problems related to the climate crisis
- **EIT Connection:** EIT Climate KIC
- **Funding:** 6.000€



Zašto EIT Jumpstarter?



European Institute of
Innovation & Technology

Funded by the European Union



- **Participating Country:** Montenegro
- **Description:** one of the widest cross-industrial programmes designed for early-stage innovators who want to gain traction and jumpstart their business.
- **Aim:** to provide support from the best-in-class trainers and mentors to build a viable business model **around their innovative product or service idea and validate it.**
- **EIT Connection:** EIT Health, EIT Raw Materials, EIT Food, EIT InnoEnergy, EIT Manufacturing and EIT Urban Mobility
- **Finalized activities:** Pre-Jumpstarter workshop held in Tehnopolis (Nikšić), which brought together more than thirty innovators, students and entrepreneurs from Montenegro.

THANK YOU FOR YOUR ATTENTION!

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