This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir

TURKEY in
HORIZON 2020
COOPERATION. INNOVATION. COMPETITIVENESS

Technical Assistance for Turkey in Horizon 2020 Phase-II
EuropeAid/139098/IH/SER/TR

HE - European Innovation Ecosystems 2023-24

Access to Risk Finance 2 Event

Odysseas Spyroglou, KE2

Istanbul 17 Nov 2022

Photo by Christian Lue on Unsplash

**REPUBLIC OF TURKEY
MINISTRY OF INDUSTRY
AND TECHNOLOGY**

COMPETITIVE
SECTORS
PROGRAMME

TÜBİTAK

Meet the instructor

Odysseas Spyroglou
Key Expert 2. Legal, Financial & IPR

- **Innovation consultant** with **engineering**, **ICT** and **financial** background.

- Over **20 years of working experience** in EU funded projects: preparing proposals, building consortia and managing projects under FP7, CIP, COSME, INTERREG, MED, H2020 and more.

- Specialise in **Project Management** & **Quality**, **Intellectual Property** and reengineering **business processes**.

- Designed and delivered more than **300 training sessions on Innovation** Management, IPR, Entrepreneurship, Proposal Writing, Project Management, financial administration.

linkedin.com/in/ospyroglou

20+
Years

70+
Projects

100m+
Funds

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Horizon Europe overall – 2021-2027

- EIE WP - what is it all about?
- Identifying key documents/ policies/ networks
- Key expectations
- Key focus points

Total funding: €95 Billion

A sustainable, fair and **prosperous** future for **people** and **planet** based on European values.

- Tackling **climate change** (35 % of budget)
- Helping to achieve **Sustainable Development Goals**
- Boosting the Union's **competitiveness and growth**

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Horizon Europe Strategic Plan 2021-2024

Guide to the political priorities of the Commission with a focus on "a climate-neutral and green Europe, fit for the digital age, where the economy works for the people"

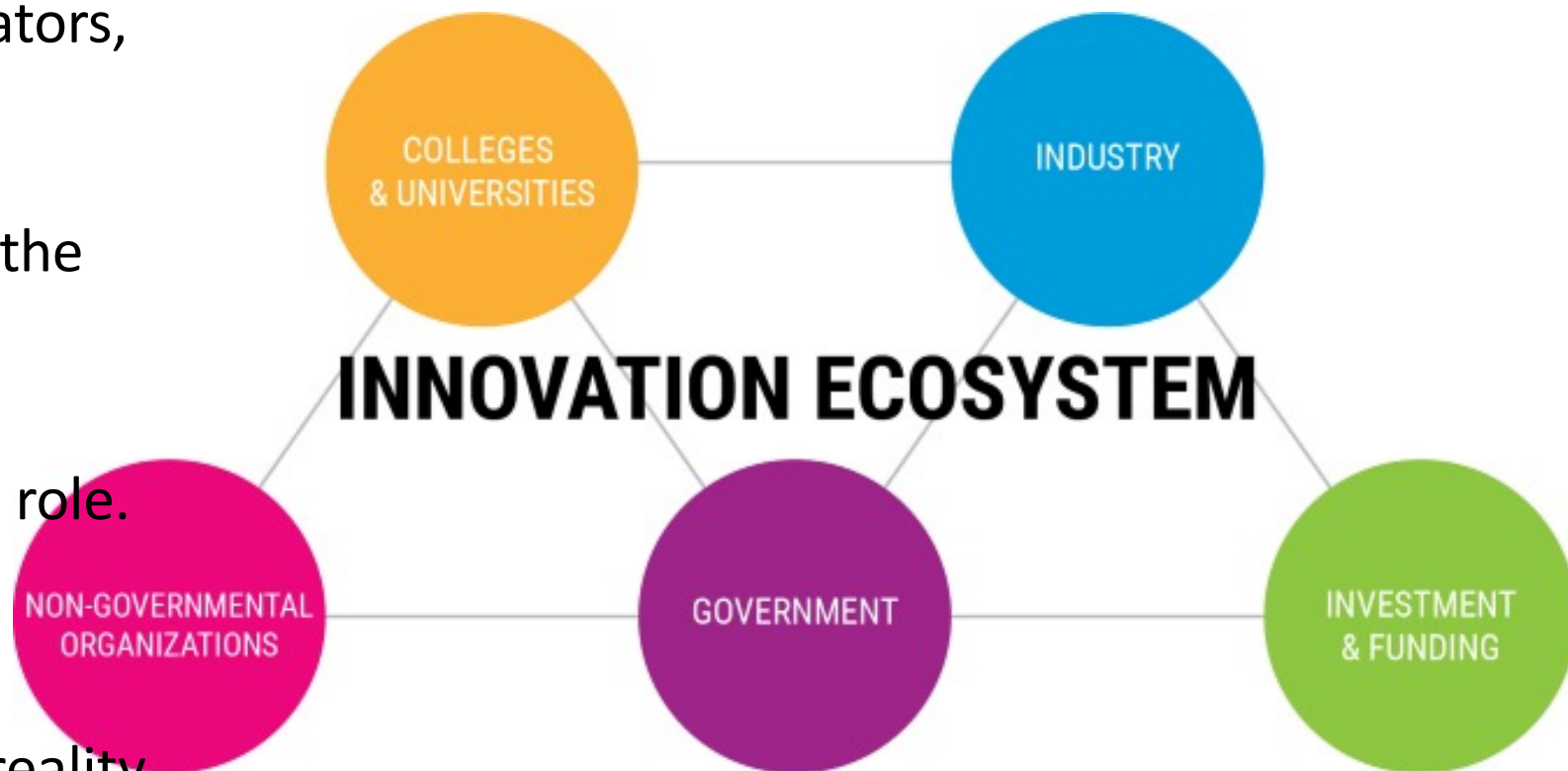Co-design process resulted in **four** key strategic orientations, supported by 15 impact areas

Pillar 3: Innovative Europe
Stimulating market-creating breakthroughs and ecosystems conducive to innovation

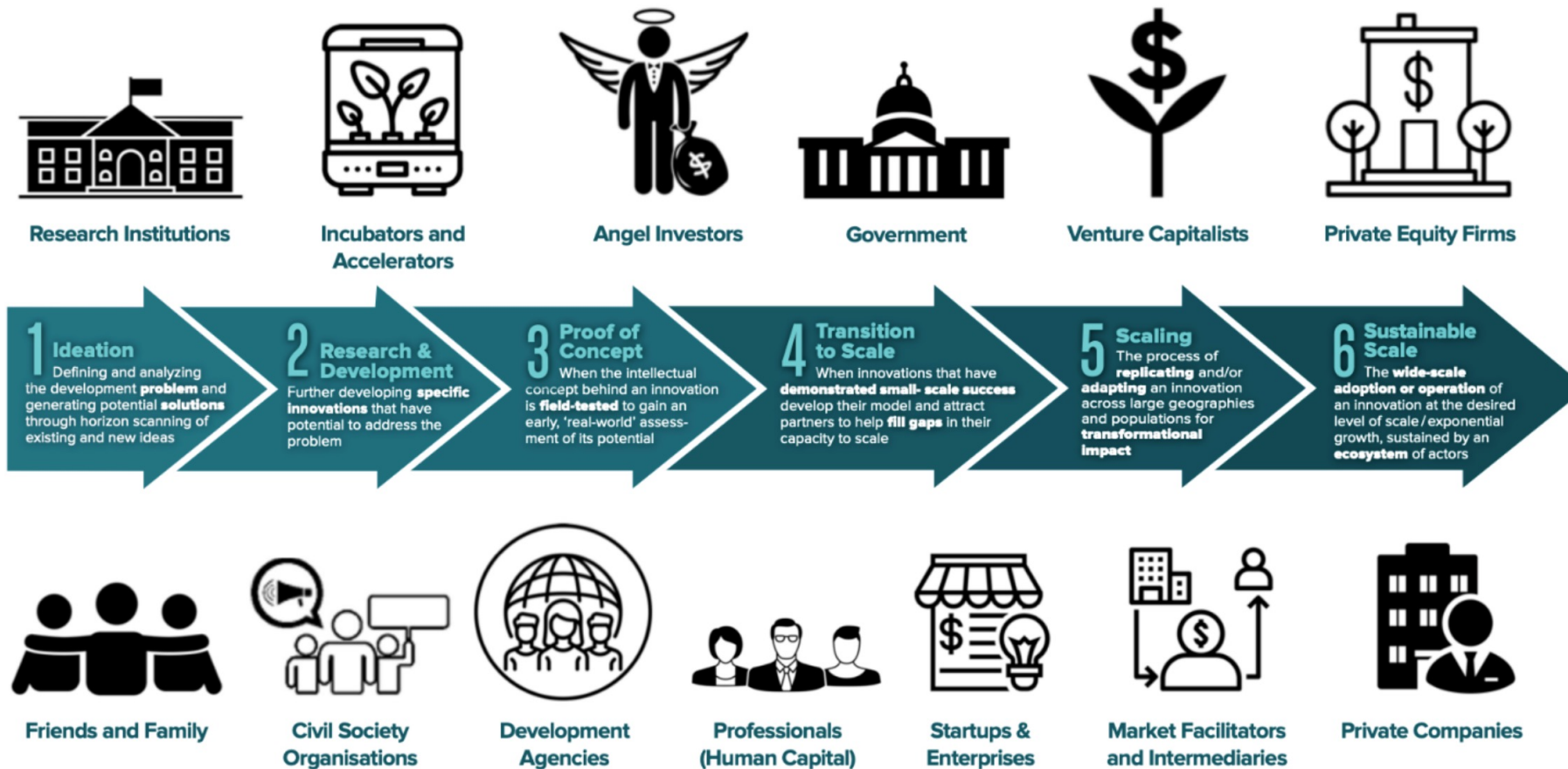| European Innovation Council (EIC)	European Innovation Ecosystem (EIE)	European Institute of Innovation and Technology (EIT)
Support to innovations with breakthrough and market creating potential	Connecting with regional and national innovation actors	Bringing key actors (research, education and business) together around a common goal for nurturing innovation

What is an Innovation Ecosystem?

- Universities, government, corporations, startup accelerators, venture capitalists, private investors, foundations, entrepreneurs, mentors, and the media.

- Local, regional, national and supranational agencies play a role.

- Create value in the larger ecosystem.

- Transforming new ideas into reality through access and financial investment.

INNOVATION ECOSYSTEM

COLLEGES & UNIVERSITIES

INDUSTRY

NON-GOVERNMENTAL ORGANIZATIONS

GOVERNMENT

INVESTMENT & FUNDING

https://masschallenge.org/article/startup-innovation-ecosystem-explained

What are the actors of an Innovation Ecosystem?

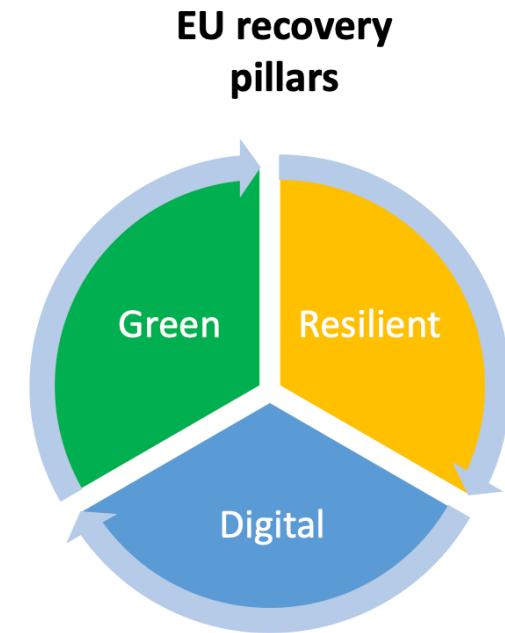https://masschallenge.org/article/startup-innovation-ecosystem-explained

Why Innovation Ecosystems?

New challenges!

- **Boost productivity, jobs, growth, social welfare**

- **Global societal challenges**: *complex; not solved in isolation,*

- **EU strategic goals of new Commission:**
  - *Post-COVID19 recovery*
  - *Green, Digital, Resilient Europe*
  - *Circular Economy, energy, health,*
  - *Artificial Intelligence, New Industrial and SMEs Strategy*

- **New actors come in!** *(startups! Investors, Civil Society)*

- **Focus on radical & disruptive innovation!**

EU recovery pillars

Green Resilient Digital

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European Innovation Ecosystems: Definition & areas of intervention

EC Official Definition: *[Horizon Europe proposal (Article 2.30)]*

"Innovation ecosystem" means an ecosystem that **brings together at EU level actors or entities** whose functional goal is to _enable technology development and innovation_. They encompass **relations** between:

- **material resources** (such as funds, equipment and facilities)
- **institutional entities** (such as higher education institutions and support services, RTOs, companies, venture capitalists and financial intermediaries) and
- national, regional and local **policy-making** and **funding entities.**

Areas of intervention: *[Horizon Europe legislation (Annex 1.3.b)]*

Activities will include in particular **connecting**, where relevant in cooperation with the **EIT**, with national and regional innovation actors and supporting the implementation of **joint cross-border innovation programmes** by Member States, Regions and associated countries, from the **exchange of practice and knowledge on innovation regulation to the enhancement of soft skills for innovation to research and innovation actions, including open or user-led innovation**, to boost the effectiveness of the European innovation ecosystem. This should be implemented in synergy inter alia with the **ERDF support** for innovation eco-systems **and interregional partnerships around smart specialisation topics**.

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New European Innovation Agenda

A NEW EUROPEAN INNOVATION AGENDA
TO SPEARHEAD THE NEW INNOVATION WAVE

EUROPEAN UNION

- Develop new technologies to address most pressing societal challenges, bring them on the market.
- Position Europe as leading player on the global innovation scene.
- Creates breakthrough innovative solutions across the continent that will inspire the world.

1 improve access to finance for European start-ups and scale-ups, for example, by mobilising untapped sources of private capital and simplifying listing rules

2 improve the rules to allow innovators to experiment with new ideas

3 help create "regional innovation valleys" that will strengthen and better connect our innovation players through Europe, including in regions lagging behind

4 attract and retain talent in Europe, for example by training 1 million deep tech talents, increasing support for women innovators and innovating with start-up employees' stock options;

5 improve innovation policy-making through clearer terminology, indicators and data sets, as well as policy support to Member States
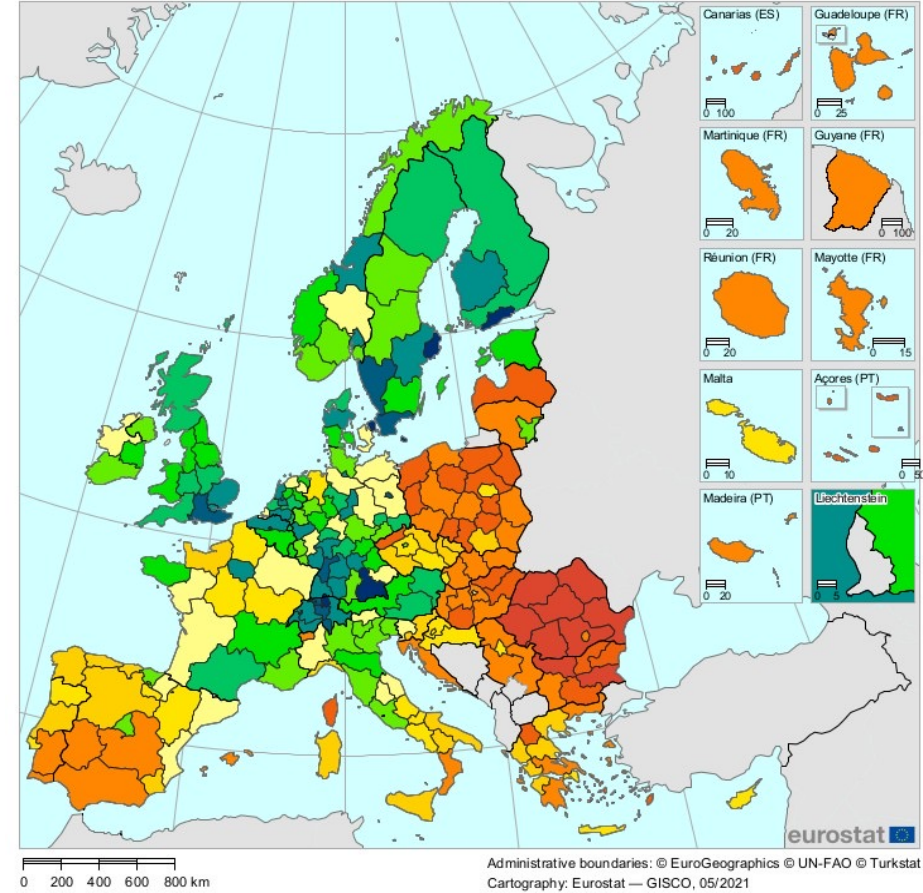
#EUInnovationAgenda   #HorizonEU

https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52022DC0332&from=EN

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Regional innovation scoreboard

Regional extension of the **European innovation scoreboard (EIS)**, assesses the innovation performance of European regions on a limited number of indicators.

The new edition of the scoreboard shows that innovation performance has increased for 225 regions out of the total of 240 regions over the period since 2014

https://ec.europa.eu/info/research-and-innovation/statistics/performance-_indicators/regional-innovation-scoreboard_en

Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat
Cartography: Eurostat — GISCO, 05/2021

- Emerging Innovator -
- Emerging Innovator
- Emerging Innovator +
- Moderate Innovator -
- Moderate Innovator
- Moderate Innovator +
- Strong Innovator -
- Strong Innovator
- Strong Innovator +
- Innovation Leader -
- Innovation Leader
- Innovation Leader +

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Work Programme 2023 - 24

Horizon Europe - Work Programme 2023-2024
European Innovation Ecosystems (EIE)

EN

Annex X

Horizon Europe

Work Programme 2023-2024

10. European Innovation Ecosystems (EIE)

Part 10 - Page 1 of 57

1 CONNECT - Interconnected Innovation Ecosystems

- Build **interconnected**, inclusive IE based on **national, regional and local ecosystems.**
- Reinforce **network connectivity** for sustainably business growth.
- **Respond to societal challenges**: green, digital, and social transitions, EI Agenda.
- Accelerate and **strengthen innovation** in EIE across EU
- **Address innovation divide** under New European Innovation Agenda.

2 INNOVSMES - Partnership on Innovative SMEs

- support the European Partnership on Innovative SMEs to increase R&I capacity and productivity and successfully embed in global value chains and new markets.

Complimentarities: EIC, EIT, KICs, Regional Innovation Scheme, Widening, S3, Euroclusters, Digital Europe, Start-up Villages, Enterprise Europe Network.

create and expand more connected, inclusive and efficient innovation ecosystems

https://sciencebusiness.net/framework-programmes/horizon-papers

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CONNECT Scope

- Efficient, inclusive, gender diverse, connected
- Co-creation, co-planning and co-investments -> European strategic priority areas
- Ideas into the market
- Quadruple helix, all EU territories (rural areas);
- Synergies with policies, funding instruments (EU, national, and regional)
- Openness, cross-fertilisation of IE

- Interconnected, inclusive, more efficient innovation ecosystems across EU
- Engage new, less well-represented stakeholders, less advanced territories,
- Advance the European Research Area and the New European Innovation Agenda;
- Enhance cross-border network connectivity of local innovation hubs/pockets of excellence
- Reinforce capacity to support existing and emerging innovator countries and/or regions and their companies and the creation, reshoring, and renewing of European values chains towards the sustainable twin transition and the EU's strategic autonomy;
- Foster more inclusive and gender equal innovation ecosystems;
- Reducing territorial inequalities in access to innovation support.

EIE Calls for 2023

CONNECT – 23 MAR 2023

- HORIZON-EIE-2023-CONNECT-01-01: Organisation of Women TechEU 2023-2024 | 15mil – 1 Project
- HORIZON-EIE-2023-CONNECT-01-02: Preparatory action for setting up joint programmes among innovation ecosystems actors | 6 mil – 12 Projects

CONNECT – 21 SEP 2023

- HORIZON-EIE-2023-CONNECT-02-01: Stimulating Experimentation Practices | 4mil – 4 Projects
- HORIZON-EIE-2023-CONNECT-02-02: Specialist Advisory Services to build capacities on innovation procurement | 4 mil – 4 Project

INNOVSMES – 22 MAR 2023

- HORIZON-EIE-2023-INNOVSMES-01-01: European Partnership on Innovative SMEs | 34.5 mil – 1 Project

Eligibility Rules

Towards more inclusive networks and initiatives in European innovation ecosystems

Eligibility

- Registered to the Participants Register (PIC)

- 3 independent legal entities

- At least 1 established in 'modest' / 'moderate' innovator region

- At least one (1) in 'strong' or 'innovation leader' innovator region

- Eligible costs will take the **form of a lump sum**

Expected Outcome

Projects results must contribute to all

HORIZON-EIE-2023-CONNECT-01-01: Organisation of Women TechEU 2023-2024

Women TechEU
Supporting deep-tech start-ups led by women

- **Support deep tech innovation** for modern, knowledge-driven, resource efficient and competitive economy;
- Promote **female leadership** in the deep tech to for more inclusive, prosperous innovation ecosystems in the European Union (EU);

- Ensure a **smooth continuation** of **Women TechEU** scheme consistent with previous processes, outcomes, and branding;
- **Foster cooperation and networking between women entrepreneurs** in the deep tech field

Scope

HORIZON-EIE-2023-CONNECT-01-01: Organisation of Women TechEU 2023-2024

- **Scope**: Continue **Women TechEU** scheme (launched under EIE 2021)

What does it do?

- supports European early-stage deep tech start-ups with women in lead roles

  [registered and established in an EU Member State or Horizon Europe Associated Country for at least six months at the time of the submission, founded or co-founded by women, holding a top management position (chief executive officer (CEO), chief technology officer (CTO), chief scientific officer (CSO), or equivalent)]

- All deep tech domains eligible, emphasis on overall gender balance and position held by women.

- **Financial Support to Third Parties (FSTP):**

    - Run calls for proposals,

    - organise evaluation process, administer the grants.

    - Sound promotion and communication strategy of the programme

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Projects results must contribute to all

HORIZON-EIE-2023-CONNECT-01-02:
Preparatory action for setting up joint programmes among innovation ecosystems actors

FOR:

- National, regional and/or local authorities
- Private, including public-owned enterprises, R&I actors or networks

Phase 1: Foster Dialogue → **Phase 2: Create Plan**

TO:

Prepare joint multi-annual programmes (3-year) of activities and action to:

- Strengthen performance and capacity of local innovation ecosystems
- Create interconnections
- Align towards EU-level priorities (new European Innovation Agenda)
- Jointly tackle challenges at EU, national, regional, and local level.

Projects results must contribute to all

HORIZON-EIE-2023-CONNECT-02-01: Stimulating Experimentation Practices

FOR:

- R&I organisations, national/regional authorities, Regulators

- Innovators, SMEs, start-ups

- Government bodies, non-government organisations (NGOs)

- Civil society organisations

TO:

- Create experimentation frameworks for testing innovations

- Provide services for testing innovative solutions

- Bring together innovators and regulators;

- Explore areas where the European supervisory authority exists, and pan-European testing might be desirable.

Projects results must contribute to all

HORIZON-EIE-2023-CONNECT-02-02:
Specialist Advisory Services to build capacities on innovation procurement

FOR:

- Public and private procurers, public-owned enterprises
- SMEs and start-ups, R&I organisations, innovation agencies
- Public bodies responsible for promoting innovation procurement
- EIT and its Knowledge and Innovation Communities (KICs)

TO:

- Enhance familiarity with innovation procurement processes
- Engage public procurers' with SMEs, start-ups, incubators, accelerators, and research institutions
- Stimulate SME's response to public buyers' needs and challenges
- Improve procurers' capacity to communicate needs and find suppliers
- Deploy public and private partners' collaboration in co-design processes

EIE Calls for 2023

CONNECT – 23 MAR 2023

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Projects results must contribute to all

HORIZON-EIE-2023-INNOVSMES-01-01: European Partnership on Innovative SMEs

FOR:

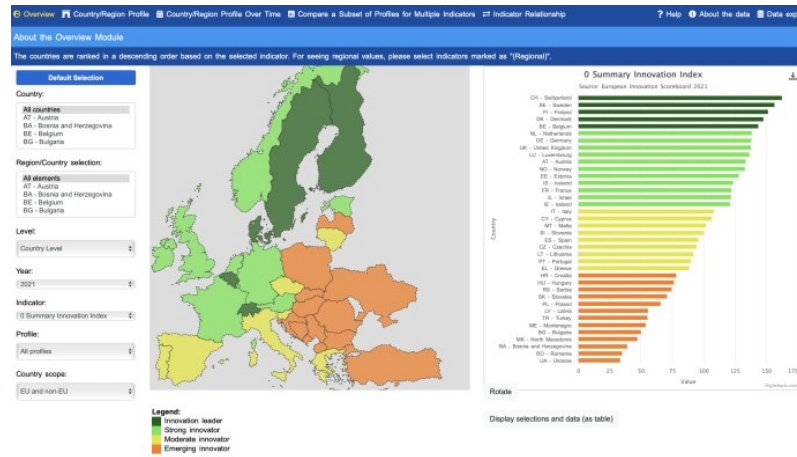- National administrations and National Funding Bodies (NFBs)

TO:

- Continue HORIZON-EIE-2021-INNOVSMES-01-01
- Support the co-funded European Partnership on Innovative
- Create regular calls for proposals for collaborative R&I for SMEs.
- Create synergies/synchronisation with national programmes
- Better cooperation and knowledge exchange between national intermediaries.

Innovation Scorecards
Measuring Innovation

References:
- [Regional Innovation Scoreboard](#) for all regional entities
- [European Innovation Scoreboard](#) for National
- [Global Innovation Index 2021](#) for Associated Countries not included in the European Innovation Scoreboard.

Who can help? Clusters!

55 % of internationally active SMEs agree to at least one of the following four statements

WITH SUPPORT
they internationalised earlier than they would have done otherwise.

WITHOUT SUPPORT
they would not have internationalised at all.

WITH SUPPORT
they engaged in additional internationalisation activities.

WITHOUT SUPPORT
they would not gain insight into opportunities in foreign markets.

Networks expand the capacity of individual SMEs to internationalise.
SMEs hosted in clusters and business networks can benefit from contacts, business connections and formal and informal knowledge flowing within a cluster and a business network, as well as from customised services provided by cluster and network organisations.

Enterprise Europe Network

EEN helps businesses innovate and grow on an international scale. It is the world's largest support network for small and medium- sized enterprises (SMEs) with international ambitions. Active in more than 60 countries worldwide. Brings together 3,000 experts from more than 600 member organisations.

Member organisations include:

- Technology poles
- Innovation support organisations
- Universities and research institutes
- Regional development organisations
- Chambers of commerce and industry

SUPPORT FOR BUSINESS INOVATION

ADVICE FOR INTERNATIONAL GROWTH

INTERNATIONAL PARTNERSHIPS

European Cluster Collaboration Platform

Make efficient use of networking instruments. Search/find potential partners and opportunities.

Develop collaboration trans-nationally (within Europe) and internationally (beyond Europe).

Support the emergence of new value chains through cross-sectorial cooperation.

Access the latest information on cluster development, improve their performance, increase competitiveness.

EUROPEAN CLUSTER COLLABORATION PLATFORM .eu

- **Online hub for cluster stakeholders** (cluster organisations, policymakers and other related stakeholders from the cluster ecosystem)
- **One- stop-shop reference** for stakeholders aiming to set up partnerships

Contact:

Office Address

Turkey in Horizon 2020 Project

And Sokak 8/12 Akasya Apt. 06680

Çankaya/Ankara 06520 Çankaya/Ankara,Turkey

Tel: +90 312 467 61 40

http://www.turkeyinh2020.eu/

info@TurkeyinH2020.eu