

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



EIC OPPORTUNITIES FOR DEEP TECH INNOVATORS IN 2024

EIC Work Program 2024

Serkan BOLAT

December 26, 2023 - SME Webinar 15







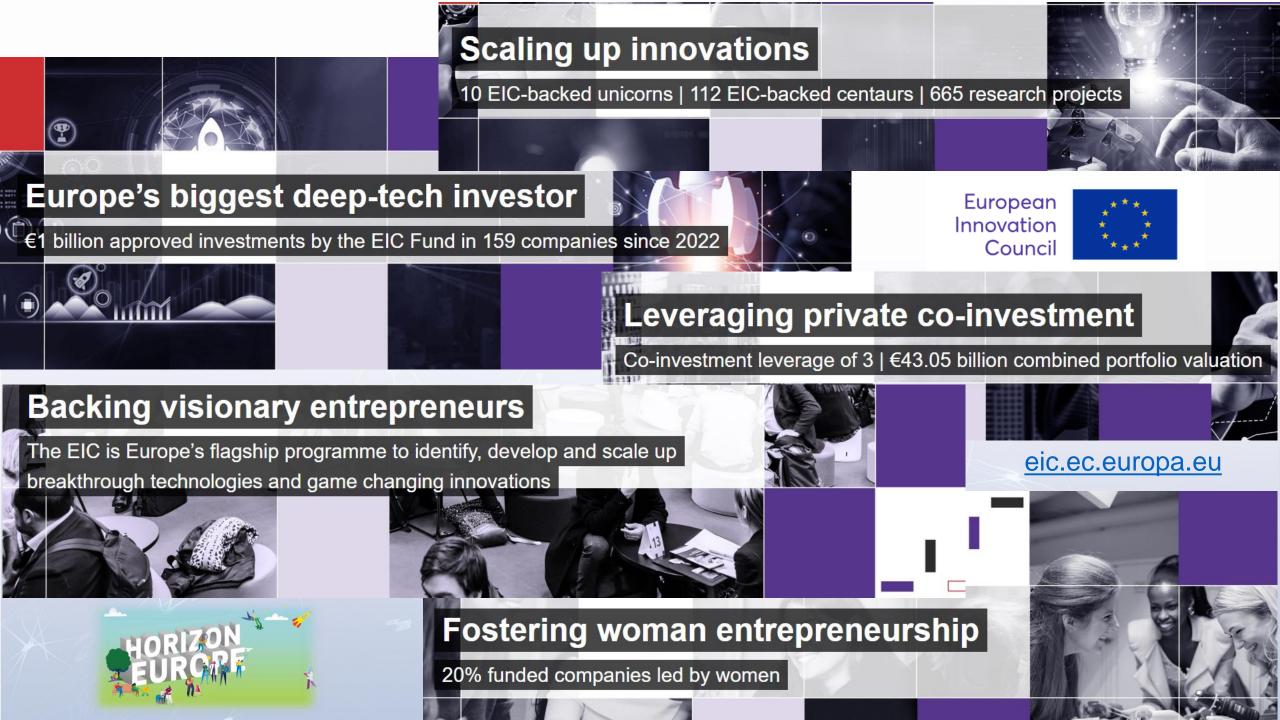
Presentation Outline

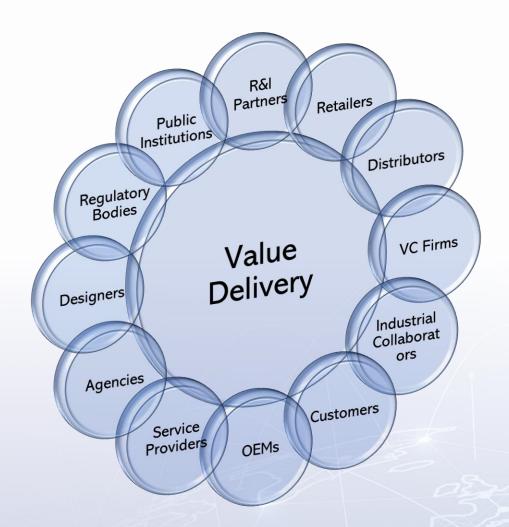
Introduction to EIC (European Innovation Council)

EIC Work Program 2024

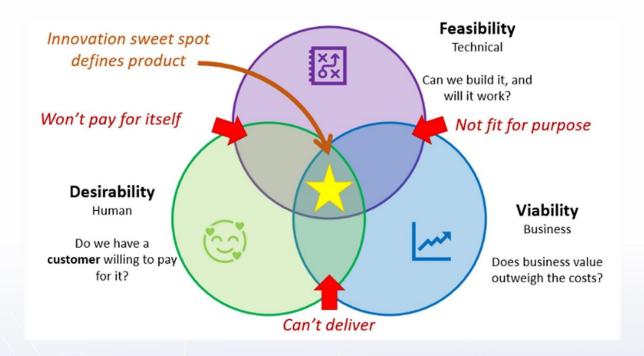
- Main novelties
- Funding Schemes
- Key Concepts and Priorities
- Business Acceleration Services
- EIC Prizes

European Innovation Council



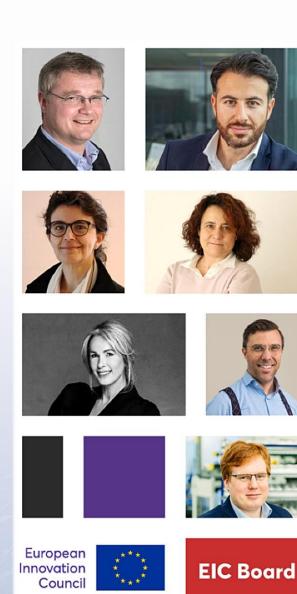


- Co-[creation] & Open [innovation]
- Cross-industry/multidisciplinary value networks
- Your value co-creators and their distinctive resources
- The leverage their commitment provides
- Win-win mindset





New EIC Board - 2024



















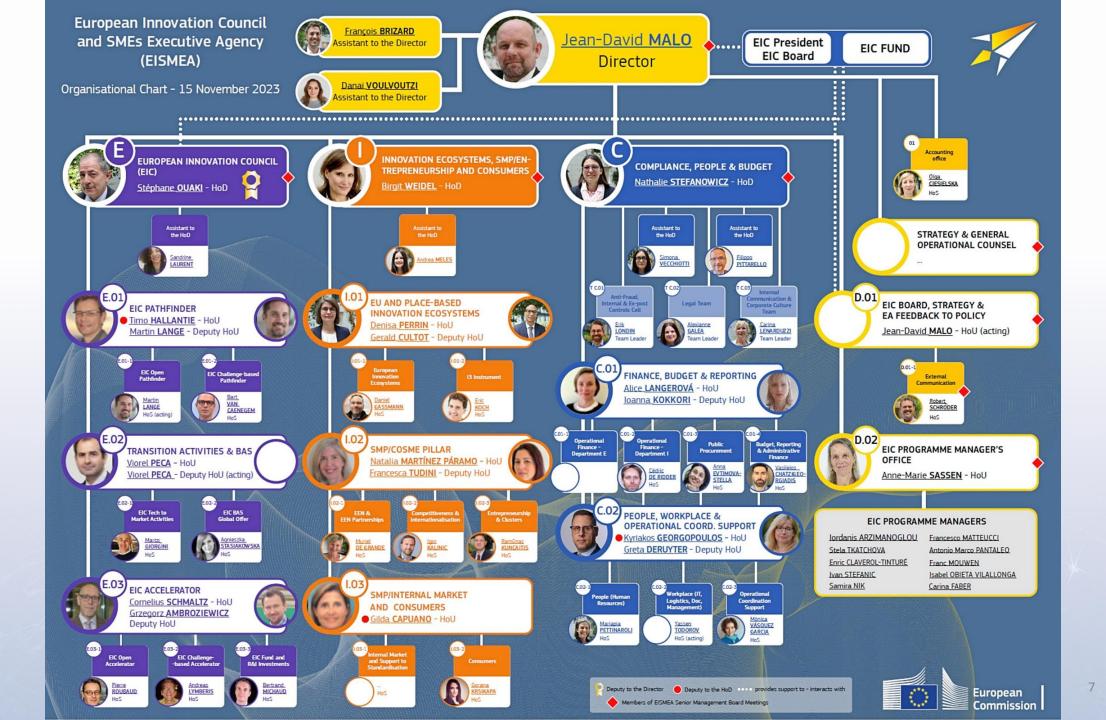


















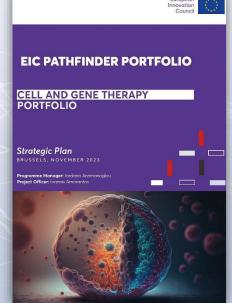
















Code of Conduct

A set of minimum standards and **principles** for individual and corporate **consultants** offering services to **applicants** to European Innovation Council calls.

Voluntary but **encouraged**.

- ☐ Know-how, experience, and competencies
- Ethics
- ☐ Transparency
- Confidentiality
- Quality
- ☐ Fees



EIC Work Program 2024 Main Novelties and Funding Schemes

Main novelties in EIC Work Program 2024

- Simplified proposal forms and reframed evaluation criteria, for all funding schemes
- Reduced budget for all funding schemes, from €1,6B to €1.2B in total
- Fewer Challenge Calls, No Transition Challenge
- Fewer cut-offs, 1 Transition and 2 Accelerator cut-offs gone
- Lump sum funding model in all EIC calls except Pathfinder Open
- Harder to pass Accelerator Short Application stage, 3/4 GOs required, 2 GOs not enough
- No rebuttal, removed from Accelerator and Pathfinder evaluations
- Eligible projects for Transition extended, longer coverage and more programs
- Video Pitch added to mandatory uploads in Accelerator Full Proposals
- Accelerator Short Proposal submission (.pdf) via F&T portal, MyEIC platform terminated
- New resubmission rules in Accelerator, 3 submissions in total at any stage during Horizon Europe

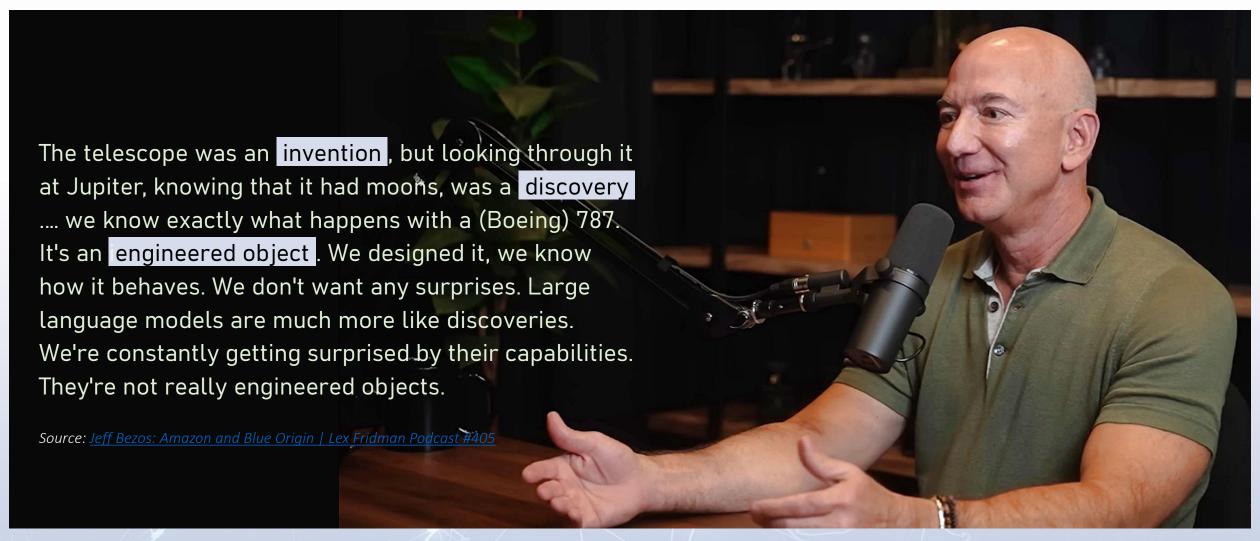
EIC Funding Schemes - 2024

PATHFINDER		TRANSITION	ACCELERATOR		
TRL 1-4		TRL 3-6	TRL 5-9		
Open Call	5 Challenge Calls	Open Call	Open Call	6 Challenge Calls	
€136M ~50 projects	€120M ~32 projects	€94M ~42 projects	€375M ~70 projects	€300M ~55 projects	
March 7	October 16	September 18	Full Proposals Mar Short Propos		
~3-4 years	~3-5 years	1-3 years	2 ye	ars	
Grant < €3M 100% financing	Grant < €4M 100% financing	Grant < €2.5M %100 financing	Grant < €2.5M 70% f	9	
•Consortiums of ≥3 (Universities, research organizations, SMEs, industrial partners, or individuals.)	•Single universities, SMEs, or research organizations, or •Consortiums of ≥2 (SMEs, research organizations, large companies, customer organizations or potential end users (i.e., hospitals, utilities, industry, regulatory and standardization bodies)	•Single SMEs, universities, research/technology organizations, teams, individual Principal Investigators, or inventors to establish a spin-off (single large companies ineligible), or •Consortiums of 2-5	•Single individuals to esta small midcaps in e	ablish an SME, or	

Rule: If consortium of 2, each from a different Member State or <u>Associated Country</u>. If consortium of ≥ 3 , at least from 3 different countries with 1 from a MS.

EIC Work Program 2024 Key Concepts and Priorities

Deep Tech



Technology that is based on **cutting-edge scientific advances** and **discoveries**, and is characterized by **the need to stay at the technological forefront** by constant interaction with new ideas and results from the lab.

Improved Synergies

Strategic Technologies for Europe Platform ('STEP') & STEP

United Nations Sustainable Development Goals

The New European Innovation Agenda

Net Zero Industry Act

Chips Act

REPowerEU Plan

Mission Soil Platform

Fit for 55 package

European Green Deal

Farm to Fork Strategy

Critical Raw Materials Act

Digital Decade Policy Program 2030

Health Emergency Preparedness and Response Authority (HERA)

Building an economy that works for people: an action plan for the social economy

An EU initiative on Web 4.0 and virtual worlds: a head start in the next technological transition



Strategic Autonomy and European Economic Security

Provisions to protect Europe from **economic security risks** and to maintain **strategic autonomy**:

- Exclusion of potential Accelerator grant beneficiaries (in)directly controlled by (a legal entity established in) a non-associated third country from Challenge Calls relating to Artificial Intelligence and quantum, if necessary. Ownership and Control Assessment for Open Call beneficiaries within the scope of the above-mentioned Challenge Calls.
- ➤ Inclusion of economic security safeguards in Investment Agreements for Accelerator equity beneficiaries in 4 priority technology areas: Advanced semiconductors, Artificial Intelligence, quantum, and biotech, if necessary.
- ➤ Requirement for all EIC beneficiaries to inform EISMEA if IP generated by EIC projects is proposed to be licensed/transferred to an entity in a non-associated third country.

Provisions for **EU-classified information** and **security sensitive information** will be included in the grant agreement, when necessary.

Lump sum grant

Lump sums are fixed amounts defined in the Grant Agreement.

Detailed Budget Table with cost estimations; one lump sum share per Work Package and Beneficiary. **No reporting of actual costs/resources**; same Proposal Form, pre-financing, and technical reporting. **Paid** upon **completion** of the **Work Packages**, not based on the **outcomes**.

A1	√ × ✓ fx									
	A	В	С	D	E	F	G	н	I	J
				ESTIMATED BREAKD	OWN OF THE LUMP	SUM				
1				PER WORK PACKAG	E AND PER BENEFICI	ARY				
		WP1	WP2	WP3	WP4	WP5	WP6	WP7		
2	BENEFICIARIES \ WORK PACKAGES	Analysis	Technical part	Experiment 1	Experiment 2	Communication & dissemination	Project management 1	Project managmeent 2	Totals	Pct %
3	BE1: UNIVERSITY 1	91,500.00	49,750.00	51,250.00	114,250.00	17,500.00	8,000.00	7,500.00	339,750.00	21.2%
4	BE1-AE1: Laboratory 1	44,500.00	76,250.00	0.00	46,875.00	0.00	8,000.00	7,500.00	183,125.00	11.5%
5	BE2: SME 1	125,125.00	9,205.00	48,125.00	46,375.00	6,343.75	5,687.50	5,250.00	246,111.25	15.4%
6	BE3: Research Org 1	16,312.50	8,625.00	34,375.00	50,000.00	9,375.00	3,750.00	3,750.00	126,187.50	7.9%
7	BE4: UNIVERSITY 2	12,500.00	3,750.00	22,000.00	29,300.00	10,500.00	4,500.00	4,500.00	87,050.00	5.4%
8	BE5: SME 2	33,375.00	20,353.05	48,125.00	46,250.00	250.00	3,875.00	3,875.00	156,103.05	9.8%
9	BE5-AE1: Company A	3,237.50	9,450.00	19,250.00	18,550.00	1,750.00	1,268.75	1,268.75	54,775.00	3.4%
10	BE6: Museum B	59,500.00	58,750.00	49,125.00	71,687.50	19,375.00	6,875.00	6,875.00	272,187.50	17.0%
11	BE7: University 3	6,375.00	10,312.50	38,375.00	39,750.00	30,000.00	4,500.00	4,500.00	133,812.50	8.4%
12	Totals:	392,425.00	246,445.55	310,625.00	463,037.50	95,093.75	46,456.25	45,018.75	1,599,101.80	100.0%
13	Pct:	24.5%	15.4%	19.4%	29.0%	5.9%	2.9%	2.8%	100.0%	
14										
15										

Cost estimations must still be **reasonable** and **eligible**, particularly for purchases and subcontracting. **Ineligible** costs may lead to **reduction of the grants** even during or after the project duration.

TRL – Technology Readiness Level

- TRL1 basic **principles** observed
- TRL2 technology **concept** formulated
- TRL3 **experimental** proof of concept
- TRL4 **technology** validated in **lab**
- TRL5 technology validated in **relevant environment** (protocols for phase 1 clinical testing)
- TRL6 technology **demonstrated** in relevant environment (exploratory phase 1 trials)
- TRL7 **system prototype** demonstration in operational environment (phase 2 clinical trial)
- TRL8 system **complete** and qualified (phase 3 clinical trials and regulatory approval)
- TRL9 actual system **proven** in operational environment
- Utilization of TRLs do not preclude support for non-technological innovations.
- ❖ Market/Business readiness should also be considered, as necessary.
- There may be important differences between technological fields.

Gender Balance and Gender Equality Plan

All EIC Beneficiaries must promote **equal opportunities** between men and women and aim to achieve a **gender balance** in the project team to the extent possible.

Public bodies, research organizations, and higher education institutions **must** have a <u>Gender Equality Plan (GEP)</u>. **Self-declaration** sufficient at **proposal stage**. Existence of GEP will be confirmed **before grant signature**. (<u>Tackling gender equality in Research and Innovation</u>)

Private for-profit organizations, SMEs, Non-Governmental, or civil society organizations are **exempted from** GEP requirement.

Mandatory requirements of a Gender Equality Plan:

- ✓ Publication of a **formal document** on the organization's website.
- ✓ Commitment of resources to implement the plan.
- ✓ Data collection, monitoring, and reporting on sex/gender disaggregated data on personnel and students.
- ✓ Awareness raising/trainings on gender equality and biases within organization.
- ✓ Identification of **concrete measures** and **targets** on areas such as work-life balance, organizational culture, gender balance in leadership, gender equality in recruitment and career progression, measures against gender-based violence.

Intellectual Property (IP) Provisions For EIC Pathfinder and Transition Projects

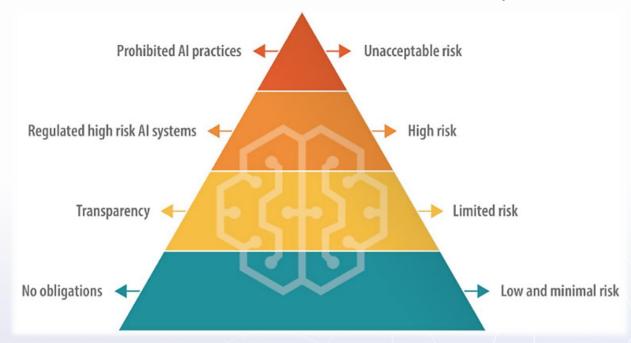
Ownership of the results obtained with **EIC funding** follows the institutional practice of the **EIC Awardee**/Beneficiary (i.e., university). In most cases, the ownership rests with the EIC Awardee.

Researchers/Inventors are encouraged **to disclose** their results to **EIC Awardees**, i.e., their employer university or TTO. EIC Awardee has **6 months** to decide whether it will **adequately support** the protection and commercialization of the invention (i.e., at least providing expertise and partial IPR protection/patent costs in major jurisdictions).

- a. If it supports, royalties may be shared between EIC Inventor and EIC Awardee on mutually beneficial terms and proportional to the support provided to the EIC Inventor. This agreement does not prevent EIC Inventor from commercializing the invention.
- b. If it **does not**, **EIC Inventor** has certain **rights** to protect and commercialize the invention.

None of the parties can act against the Grant Agreement.

Trustworthy Use of Artificial Intelligence



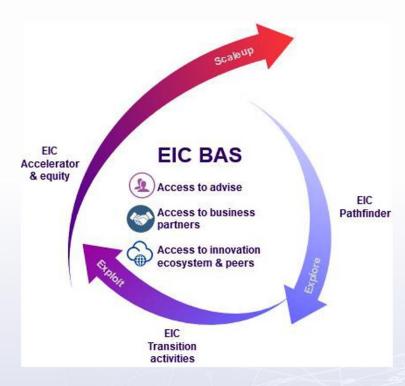
AI System: ...software that is developed with [specific] techniques and approaches (machine learning, logic and knowledge-based systems, and statistical) and can, for a given set of human-defined objectives, generate outputs such as content, predictions, recommendations, or decisions influencing the environments they interact with.

All proposals involving the development, use, or deployment of Al must ensure that all Al-based systems or techniques need to be developed in a safe, secure, and responsible manner, with a clear identification of and preventative approach to risks and in accordance with the Al Act.

- ✓ socially robust, in that they duly consider the context and environment in which they operate
- ✓ reliable and function as intended, minimizing unintentional and unexpected harm.
- ✓ safeguarding the physical and mental integrity of humans
- ✓ explain their decision-making process whenever a significant impact on people's lives is the case.

EIC Business Acceleration Services

Business Acceleration Services (BAS)



- ☐ Free, co-financed, and paid
- ☐ Off-the-shelf and tailor-made
- Available to all EIC Beneficiaries, HE Seal of Excellence holders, Accelerator Full Proposal Applicants, <u>Women TechEU</u> founders, and <u>EIC Scaling Club</u> companies

Coaches, Mentors, Expertise, and Training

<u>Coaching Program</u>
<u>Women Leadership Program</u>
<u>Tech to Market Program</u>

Global Partners

Corporate Partnership Program

Innovation Procurement Program

International Trade Fairs and Soft Landing Program 3.0

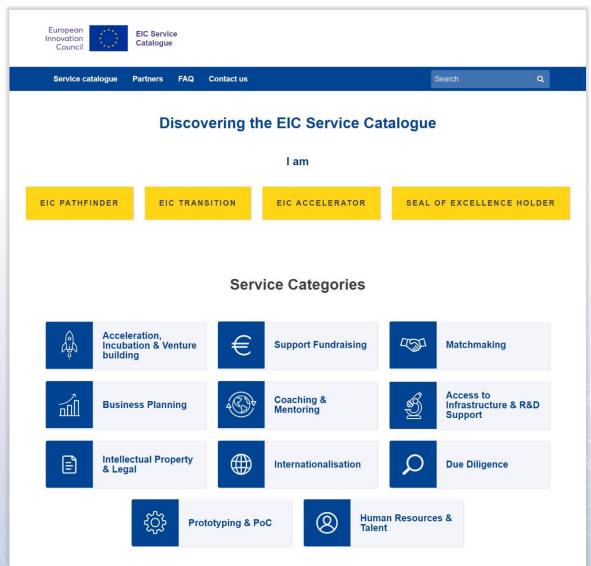
Co-investment Support Program

EIC Scaling Club

Innovation Ecosystem and Peers

Ecosystem Partnership Program

Services Offered by EIC Partners



ElC Service Catalogue: A service market for ElC Beneficiaries. Up to **50% financial support** will be available.



EIC Community: A platform for **EIC Beneficiaries** and **Seal of Excellence holders** to collaborate among each other and to connect with other **ecosystem actors**, i.e., corporates, investors, mentors, innovation procurers, business associations, clusters, accelerators, and TTOs.





SPIN4EIC (Strategic Innovation Procurement Program)

Free hands-on **assistance** to EIC beneficiaries to take part as **bidders** in Public, including procurement of R&D services, and Private sector Innovation procurement tender processes, **in and outside Europe**.

The Call will remain open and updated until August 2026

InnoBuyer <u>Call for Solvers</u> aims to select and fund 15 innovative companies (**Solvers**), to co-create pilots addressing the specific innovation needs/challenges of public organizations (**Challengers**).

EIC Tech to Market – Entrepreneurship Programme



What does the Entrepreneurship Programme offer?

Entrepreneurial courses for innovative researchers

Innovation Discovery Training

- Two half-days of online collective sessions
- Group pitch coaching for deep-tech scientists on the basics of entrepreneurship and advice on how to pitch your project

Bootcamp for innovative researchers

 Four days of online collective workshops to explore in depth all major components to be mastered by a deep tech founder (value proposition, team, roadmap, pitch)

Pioneer Programme for innovative researchers

- 4-month programme of collective sessions
- Individual coaching to explore in depth deep tech topics, from IP protection, industrialisation, regulatory framework, team management to finance

2/year

6/year

Business Model Development and Validation through Design Thinking

Business Idea Validation Bootcamp

Collective workshops, team coaching and interviews over 3 weeks to design the Business Model based on your initial idea and test it outside the lab

2/year

Business Validation Programme

 8 weeks of intensive online courses, masterclasses, coaching and interviews to focus on your value proposition, your product-market fit and pitching deck

2/year

6 months

Co-investors







EIC innovation leaders showcased remarkable technological solutions at GITEX 2023

EIC Overseas Trade Fairs Programme 2.0

On 16-20 October 2023, 19 of the most innovative EIC-funded pioneers showcased their game-changing solutions at GITEX 2023 in Dubai, United Arab Emirates, in the context of the EIC Overseas Trade Fairs (OTF) Programme 2.0. The leading event brought together more than 6 000+ exhibiting companies, 1 400+ speakers and over 100 000 visitors from 170+ countries, offering an integrated, world-class business environment.



Programs and International Travel Calendar - 2024

T2M Bootcamp for Innovative Researchers - Online, Jan-Feb

International Trade Fairs – CES International, Las Vegas, Jan

ePitching on Cardiovascular or Respiratory Diseases - Online, Feb

US Soft Landing Week - CleanTech, Silicon Valley, Q1

International Trade Fairs - Mobile World Congress, Barcelona, Feb

T2M Pioneer Program for Innovative Researchers - Online, Mar-Jul

T2M Business Validation Program - Online, Mar-May

BIO International Biotech & Pharma, San Diego, Jun

US Soft Landing Week - TechCrunch Medical-BioTech, Silicon Valley, Q3

GITEX Global New Technologies, Dubai, Oct

MEDICA Health & Medical Care, Dusseldorf, Nov

European Night at CES 2024: Top innovation from Europe in the spotlight

The <u>European Innovation Council of the European Commission</u>, along with the member states national delegations, is pleased to host the European Night Reception, in the framework of Consumer Electronics Show (CES) 2024 in Las Vegas.

European Night Reception

Networking event | Europe's excellence | European top innovators

Tuesday, 9 January 2024

#EUatCES2024



The <u>European Innovation Council of the European Commission</u>, in collaboration with the national delegations of Belgium, Estonia, Italy, The Netherlands and Poland, among others, will host the **European Night Reception**, at the **CES** [2] 2024, the world's most influential tech exhibition taking place in Las Vegas, USA, on 9 January 2024.

The reception will bring together a selection of some of the most successful European innovators and influential leaders from 18 different countries: Austrit Delgium, Croatia, Czech Republic, Denmark, Estonia, France, Germany, Italy Lorenbourg, The Netherlands, Poland, Romania, Slovakia, Spain, Sweden Turkey, Garaine. More than 200 participants are expected to connect with international leaders and foster business partnerships. Pitching sessions for companies and a panel discussion with top leaders will take place along with a networking session.

The event will be moderated by Constantijn van Oranje, Special Envoy at Techleap.nl and Jean-David Malo, Director of the European Innovation Council and SMEs Executive Agency, at the presence of high-level guests as HE. Mr. Jean-Arthur Régibeau, Belgian Ambassador to the United States; Mrs. Maria Belovas, Consul General of Estonia in San Francisco; Mrs. Raffaella Valentini, Consul General of Italy in Los Angeles; Mr. Gary Shapiro, President and CEO, Consumer Technology Association.

AMBEENT

Smart-WiFi

Grant agreement ID: 947559

Funding Scheme

SME-2b - SME Instrument (grant only and blended finance)

Closed project

EC signature date

3 March 2020

Start date

1 April 2020

End date 31 March 2022

Total cost

€ 1 636 250,00



EU contribution € 1 000 000,00

Coordinated by

AMBEENT WIRELESS YAZILIM VE BILISIM ANONIM SIRKETI

Türkiye

FIC Prizes
for Women Innovators,
Innovative Cities,
Innovation Procurers, and
Social Innovators

EIC Prizes (1/4): The 2025 European Prize for Women Innovators

To the woman (co-)founders of a company/organization
Organized jointly by EISMEA and EIT

- ☐ Company/organization must be incorporated at least 2 years ago (before January 1, 2022)
- Applicants of the Rising Innovators category must be aged under 35 (born after January 1, 1989)
- Applicants can only apply to one prize category.

Applications via forms and short video messages

Evaluations through interviews with the shortlisted candidates

Call opening Q1–Q2 2024 Submission deadline Q3–Q4 2024 Awarding Q1–Q2 2025

	Women Innovators	Rising Innovators
1 st	€100K	€50K
2 nd	€70K	€30K
3 rd	€50K	€20K

AWARD CRITERIA

<u>Breakthrough innovation:</u> Pioneering a breakthrough innovation focusing, among others, deep-tech and STEM fields.

<u>Impact:</u> Addressing a real need or challenge, with significant benefits for people or the planet.

<u>Inspiration:</u> Playing a pivotal role in the success of the company/organization and being a role model empowering other women in realizing their full potential.



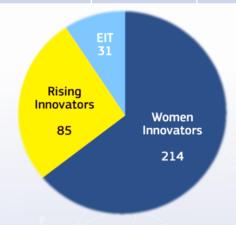
WOMEN
INNOVATORS
2023-2024

#WiPrizeEU



EU Prize for Women Innovators (EIC&EIT) Applications

	2019	2020	2021	2022	2023
Türkiye	4	3	13	12	
Total	155	197	264	277	330







EIC Prizes (2/4): The European Capital of Innovation Awards (iCapital)

To the cities with a minimum population of 250K 1

To the cities/towns with a population of 50-250K²

AWARD CRITERIA

Experimenting: Proving the city's commitment to act as a test-bed for innovative practices.

Escalating: Promoting the acceleration of different actors of the local innovation ecosystem including innovative SMEs.

<u>Ecosystem building</u>: Unlocking cities potential as local innovation ecosystem facilitators by fostering synergies.

Expanding: Acting as a role model for other cities by supporting the dissemination and replication of tested solutions.

<u>City innovative vision</u>: Supporting the development of a resilient innovation ecosystem ensuring green and digital transition.

<u>Citizens' rights:</u> Use of innovation to strengthen democracy, to protect citizens' rights, and to foster social cohesion.

	European Capital of Innovation ¹	European Rising Innovative City ²
1 st	€1M	€500K
2 nd	€0,1M	€50K
3 rd	€0,1M	€50K

- ☐ Winners of former Awards editions and runners-up in 2023 are not eligible.
- Applicants can **only** apply to **one** prize category.

Evaluations through interviews with the shortlisted candidates.

Call opening Q1–Q2 2024
Submission deadline Q2–Q3 2024
Awarding Q4 2024

#iCapitalAwards

THE EUROPEAN **CAPITAL OF** INNOVATION AWARDS 4

SEMI-FINALISTS



European Capital of Innovation

- Başakşehir (Türkiye)
- Istanbul (Türkiye)
- Kyiv (Ukraine)
- •Lisboa (Portugal)



- •Lviv (Ukraine) 2nd runner up
- •Warszawa (Poland) 1st runner up

European Rising Innovative city

- Brugge (Belgium)
- •Cork (Ireland) 2nd runner up
- Leiden (The Netherlands)
- Linköping (Sweden)



- Linz (Austria)
- •Padova (Italy) 1st runner up

EIC Prizes (3/4): The European Innovation Procurement Awards 2025

To any **public/private** procurer or **individuals/entities**

- for actions, plans, and strategies triggering **innovation procurements**, for procurements of R&D services, or procurements to buy and deploy **innovative solutions**. ¹
- for ... innovative solutions contributing to the goals set out in the **Net Zero Industry Act**. ²
 - ☐ The awarded actions must relate to completed or ongoing initiatives started after January 1, 2019.
 - ☐ Winners of former Awards editions and runnersup in 2024 are not eligible.
 - Applicants can **only** apply to **one** prize category.

Evaluations through interviews with the shortlisted candidates.

Call opening Q1–Q2 2024, Submission deadline Q3–Q4 2024 Awarding Q4 2024 - Q1 2025

	Innovation procurement initiative ¹	Facing societal challenges ²
1 st	€75K	€75K
2 nd	€50K	€50K
3 rd	€25K	€25K

AWARD CRITERIA

<u>Transformation:</u> Stimulating innovation procurement to ensure a sustainable and inclusive growth.

<u>Uptake:</u> Replicability/scalability of innovative procurement practice/action.

<u>Collaboration</u>: Demonstrated co-operation and synergies linked to the innovation procurement practice.

Innovative SMEs/start-ups access to procurement markets: Facilitation of the access to procurement markets.

<u>Societal impact</u>: Positive impact on society, with special emphasis to the green deal and digital transformation.

THE EUROPEAN INNOVATION PROCUREMENT 7 AWARDS ___

RITMOCORE





European Innovation

2ND PLACE

Innovation **Procurement** Strategy

BEL-PROC-TF COVID19

THE EUROPEAN

INNOVATION

PROCUREMENT 🥎 🧖 AWARDS 4

THE EUROPEAN

INNOVATION

ORS Garage



European Innovation

WINNER

Facing Societal Challenges

THE EUROPEAN INNOVATION **AWARDS**

IoT for AHA



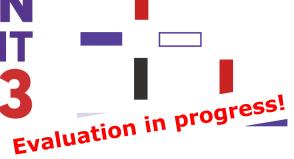


2ND PLACE Facing Societal Challenges

THE EUROPEAN INNOVATION **PROCUREMENT**

AWARDS23





THE EUROPEAN INNOVATION PROCUREMENT 🥎 🥌 **AWARDS**



#EUIPAwards



WINNER Procurement Leadership

StartOff

THE EUROPEAN INNOVATION







Leadership

36

PPI4HPC-PN

EIC Prizes (4/4): The European Social Innovation Competition 2024

To an **individual** or **entity**, including non-profit or for-profit organizations, social enterprises, NGOs, educational institutions, and universities.

	Solution
1 st	€75K
2 nd	€50K
3 rd	€25K

- for new entrepreneurial solutions in Digital Democracy
 - ☐ The proposed solutions must relate to **ongoing** activities or **completed** initiatives.
 - Winners of previous Awards editions are not eligible.

Call opening Q1–Q2 2024
Submission deadline Q2–Q3 2024
Awarding Q3–Q1 2025

AWARD CRITERIA

<u>Degree of Innovation:</u> new within its given challenge, socio-economic, and geographical context.

<u>Usability and inclusiveness:</u> ease of use and affordability for the largest part of EU citizens

<u>Positive social Impact:</u> the potential to tackle the challenge, fostering collaboration and partnerships.

<u>Viability and sustainability:</u> Financial and environmental sustainability of the proposal.

<u>Scalability and replicability:</u> Potential across sectors, governance levels, or at geographical level.

<u>Decentralization and governance:</u> improvements in transparency and accountability.



No Turkish organization among the 15 finalists in 2023.

2022 FINALIST



TOPRAK SMART FACADE ENGINEERING TOPRAK MÜHENDİSLİK

Thank you! Any comments or questions?

All recordings and presentations of our previous events are accessible on our website:

<u>Türkiye in Horizon 2020 Phase II (Horizon Europe) Project</u>

Follow us on social media where we share on our events, updates, and funding opportunities:



Please feel free to contact us if you have a question or would like to share your comments: info@TurkeyinH2020.eu