Το νέο πρόγραμμα Ορίζοντας Ευρώπη

WORKSHOP | Τμήμα Φυσικής, ΕΚΠΑ
29 Σεπτεμβρίου 2022

Ορίζοντας Ευρώπη: Δομή Προγράμματος και Κανόνες Συμμετοχής

Τι προσπαθεί να επιτύχει ο Ορίζοντας Ευρώπη

Horizon Europe
THE NEXT EU RESEARCH & INNOVATION PROGRAMME (2021 – 2027)

Μέσω της έρευνας και της καινοτομίας

EUROPE FACES UNPRECEDENTED CHALLENGES

CLIMATE CHANGE

GLOBAL COMPETITION FOR TECHNOLOGICAL LEADERSHIP

ACCELERATING BIODIVERSITY LOSS

EXTERNAL SHOCKS AND CRISIS SUCH AS COVID-19

STRAINED HEALTHCARE SYSTEMS AND AGEING EUROPEAN POPULATION

7.4%

40%

US EU

Δομή του νέου Προγράμματος – Πλαίσιο Horizon Europe

HORIZON EUROPE

EURATOM

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

Exclusive focus on defence research & development

- Research actions
- Development actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*
Exclusive focus on civil applications

Pillar I EXCELLENT SCIENCE
- European Research Council
- Marie Skłodowska-Curie
- Research Infrastructures

Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

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

Joint Research Centre

Pillar III INNOVATIVE EUROPE
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA
- Widening participation & spreading excellence
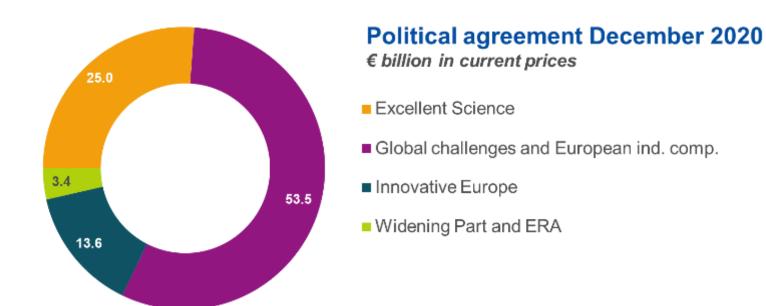- Reforming & Enhancing the European R&I system

- Fusion
- Fission
- Joint Research Center

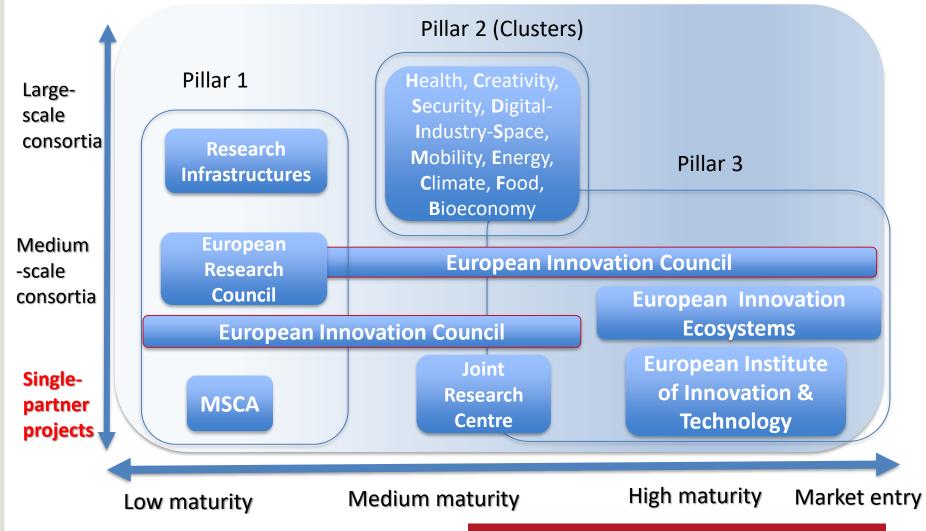* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Horizon Europe Budget: €95.5 billion (2021-2027)

(including €5.4 billion from NGEU – Next Generation Europe – programme of EU for Recovery from COVID-19 crisis)

Political agreement December 2020
€ billion in current prices

- Excellent Science
- Global challenges and European ind. comp.
- Innovative Europe
- Widening Part and ERA

25.0
3.4
13.6
53.5

Βασικός προσανατολισμός

Πυλώνας 1: Επιστημονική Αριστεία

Pillar I
EXCELLENT SCIENCE:

reinforcing and extending the **excellence of the Union's science base**

European Research Council

Frontier research by the best researchers and their teams

€16 billion

Marie Skłodowska-Curie Actions

Equipping researchers with new knowledge and skills through mobility and training

€6.6 billion

Research Infrastructures

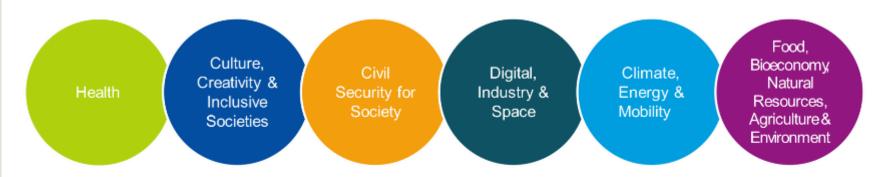Integrated and inter-connected world-class research infrastructures

€2.4 billion

Πυλώνας 2: Παγκόσμιες Προκλήσεις και Ανταγωνιστικότητα της Βιομηχανίας

Pillar II - Clusters
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS:

boosting **key technologies** and solutions underpinning **EU policies & Sustainable Development Goals** (6 clusters and JRC – non-nuclear direct actions)

Health

Culture, Creativity & Inclusive Societies

Civil Security for Society

Digital, Industry & Space

Climate, Energy & Mobility

Food, Bioeconomy, Natural Resources, Agriculture & Environment

€53.5 billion

A climate-resilient Europe: Prepare Europe for climate disruptions and accelerate the transformation to a climate resilient and Just Europe

Mission Starfish 2030: Restore our oceans and Water

Conquering Cancer: Mission Possible

Adaptation to climate change, including societal transformation

Mission areas

Healthy oceans, seas, coastal and inland waters

Cancer

Climate-neutral and smart cities

Soil health and food

Caring for Soil is Caring for Life

100 Climate Neutral and Smart Cities by 2030

Αποστολές Έρευνας και Καινοτομίας

Στόχοι για το 2030

Prepare Europe to deal with climate disruptions, assisting citizens, communities and regions

More than **3 million lives saved**, living longer and better

Filling the knowledge gap, regenerating marine and water ecosystems, zero pollution

Support, promote and showcase **100 European cities** in their systemic transformation towards climate neutrality

Ensure **75% of soils** are healthy by 2030 for food, people, nature and climate

New approach to European Partnerships

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

Key Features

- Strategic orientation
- Systemic approach
- Simple architecture and toolbox
- Common set of criteria for the life-cycle

CO-PROGRAMMED
Based on Memoranda of Understanding/contractual arrangements; implemented independently by the partners and by Horizon Europe

CO-FUNDED
Based on a joint programme agreed and implemented by partners; commitment of partners for financial and in-kind contributions

INSTITUTIONALISED
Based on long-term dimension and need for high integration; partnerships based on Art 185/187 of TFEU and the EIT legal acts for 2021-2027

Overview of 49 candidate European Partnerships

HORIZON EUROPE PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture, …
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive Blue Economy
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail	
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Water4All
Rare diseases*	Photonics	Batteries	Animal Health & Welfare*
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport	Accelerating Farming Systems Transitions*
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport	Agriculture of Data*
Pandemic Preparedness* *Co-funded or co-programmed*	Processes4Planet	Built4People	Safe & Sustainable Food System*
	Global competitive space systems**	Clean Energy Transition	
		Driving Urban Transitions	

PILLAR III - Innovative Europe

EIT (KNOWLEDGE & INNOVATION COMMUNITIES)	SUPPORT TO INNOVATION ECOSYSTEMS
InnoEnergy	Innovative SMEs
Climate	
Digital	
Food	
Health	
Raw Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

CROSS-PILLARS II & III

European Open Science Cloud

- Institutionalised Partnerships (Art 185/7)
- Institutionalised Partnerships / EIT KICs
- Co-Programmed
- Co-Funded

* Calls with opening dates in 2023-24
** Calls with opening dates not before 2022

Πυλώνας 3: Καινοτόμος Ευρώπη

Pillar III
INNOVATIVE EUROPE:

stimulating **market-creating breakthroughs** and **ecosystems** conducive to innovation

European Innovation Council
Support to innovations with breakthrough and market creating potential

European innovation ecosystems
Connecting with regional and national innovation actors

European Institute of Innovation and Technology (EIT)
Bringing key actors (research, education and business) together around a common goal for nurturing innovation

The budget: **€10.6 billion**, incl. up to **€527 million** for ecosystems (including NGEU – Recovery Fund parts dedicated to EIC).

circa **€3 billion**

Πυλώνας 3: Ευρωπαϊκό Συμβούλιο Καινοτομίας (EIC)

European Innovation Council

Support to innovations with breakthrough and disruptive nature and scale up potential that are too risky for private investors **(70% of the budget earmarked for SMEs)**

European Innovation Council – a one-stop-shop

- **Helping researchers and innovators create markets of the future, leverage private finance, scale up theircompanies**
- **Innovation centric, risk taking & agile, pro-active management and follow up**
- **Mostly 'bottom up', but also targeting strategic challenges**
- **EIC Programme Managers to develop visions for breakthroughs and steer portfolios**

Complementary instruments bridging the gap from idea to market

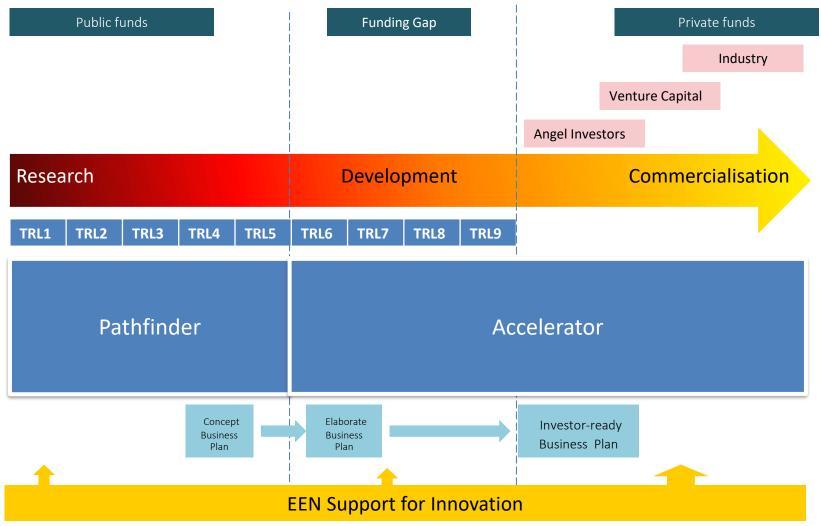| **PATHFINDER**	**TRANSITION**	**ACCELERATOR**
R&I grants (from early technology to proof of concept)	**R&I grants** (proof of concept to pre-commercial)	**Grants & investment (via EIC Fund) for single SMEs & start-ups** (from pre-commercial to market & scale-up)

Χρηματοδοτικά εργαλεία : € 1bn

Public funds	Funding Gap	Private funds

Industry

Venture Capital

Angel Investors

Research	Development	Commercialisation

TRL1	TRL2	TRL3	TRL4	TRL5	TRL6	TRL7	TRL8	TRL9

Pathfinder	Accelerator

Concept Business Plan → Elaborate Business Plan → Investor-ready Business Plan

EEN Support for Innovation

Ευρωπαϊκό Ινστιτούτο Τεχνολογίας και Καινοτομίας (ΕΙΤ)

Widening Participation & Strengthening the European Research Area (ERA):

Widening Participation and Spreading Excellence

- Teaming, Twinning, ERA Chairs,
- European Cooperation in Science and Technology (COST)
- Boosting National Contact Points' (NCPs) activities, pre-proposal checks and advice
- Brain circulation
- Excellence initiatives
- Possibility for entities from widening countries to join already selected collaborative R&I actions
- Recognition of participation
- Matchmaking services

€2.96 billion

Reforming and enhancing the EU R&I system

- Strengthening the evidence base for R&I policy
- Foresight
- Support for policy makers to the ERA development
- Support to national R&I policy reform, including Policy Support Facility
- Attractive researcher careers and links with higher education
- Open science, citizen science and science communication
- Gender equality
- Ethics and integrity
- Support to international cooperation
- Scientific input to other policies
- Support to the Programme implementation
- Support for National Contact Points
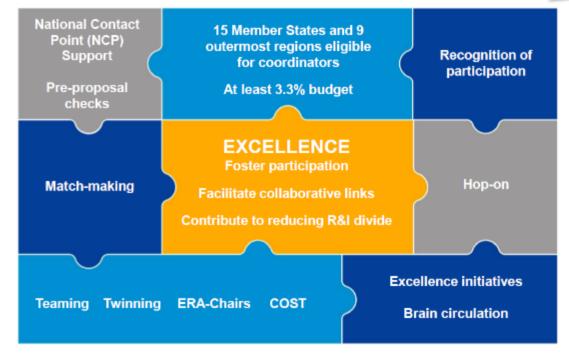- Support to dissemination & exploitation

€0.44 billion

Διεύρυνση της συμμετοχής και επέκταση της αριστείας

Νέο status της Ελλάδας-χώρα 'widening'- νέες ευκαιρίες

Widening participation/spreading excellence

National Contact Point (NCP) Support

Pre-proposal checks

15 Member States and 9 outermost regions eligible for coordinators

At least 3.3% budget

Recognition of participation

Match-making

EXCELLENCE
Foster participation
Facilitate collaborative links
Contribute to reducing R&I divide

Hop-on

Teaming   Twinning   ERA-Chairs   COST

Excellence initiatives
Brain circulation

Ενδεικτικές ανοιχτές και επικείμενες προκηρύξεις

Strategic plan gives direction to the work programme

| Horizon Europe legislative package | Strategic Plan 2021-2024 | Work Programmes 2023-2024 | Calls for proposals |
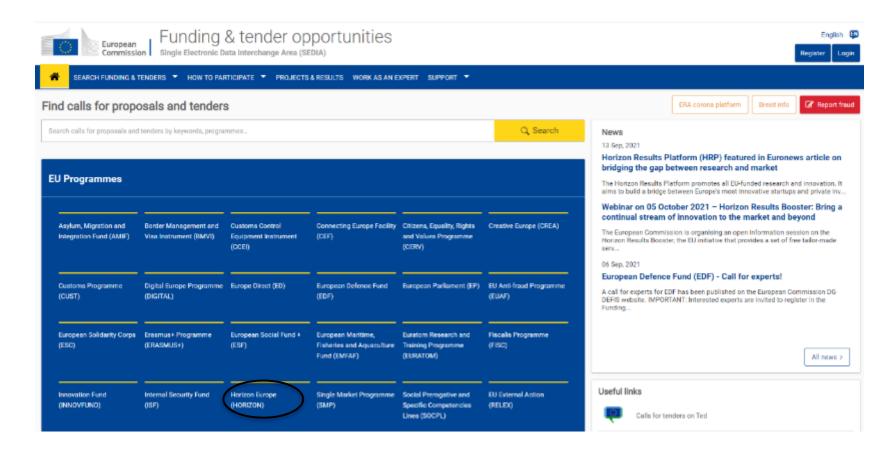
Main Features

Early involvement and extensive exchanges with Member States
Extensive exchanges with the European Parliament
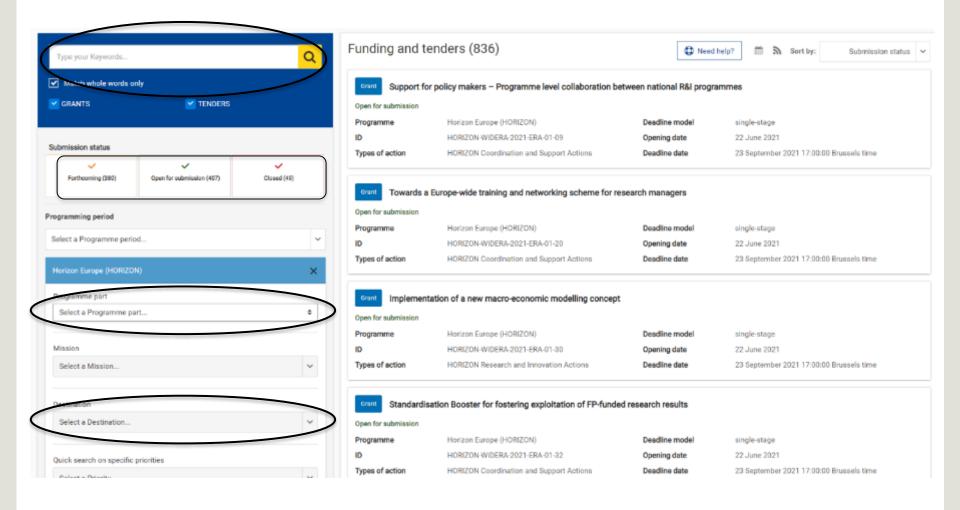Consultations with stakeholders and public at large

Funding and Tender Opportunities Portal

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home

Funding and Tender Opportunities Portal: Topic search

ERC funding schemes

Starting Grant
Size of the grant: up to €1.5 million + up to €1 million
Duration: up to 5 years
2-7 years of experience since completion of their PhD

Consolidator Grant
Size of the grant: up to €2 million + up to €1 million
Duration: up to 5 years
7-12 years of experience since completion of their PhD

Advanced Grant
Size of the grant: up to €2.5 million + up to €1 million
Duration: up to 5 years
An excellent scientific track record of recognized achievements in the last 10 years

European Research Council

Established by the European Commission

ERC funding schemes

Synergy grant

Size of the grant: €10 million + up to €4 million

Duration: up to 6 years

Be composed of 2 to 4 researchers and their research groups

(one researcher can be based outside EU/AC)

Proof of Concept

Size of the grant: €150 000

Duration: up to 18 months

Demonstrate that the idea funded by the original ERC grant has innovation potential and significant economic or societal benefits

Marie Sklodowska Curie Actions

Doctoral Networks

Doctoral programmes in and outside academia incl. joint & industrial doctorates

Postdoctoral Fellowships

Support to excellent postdoctoral researchers

Staff Exchanges

Support for research and innovation staff exchanges

COFUND

Co-funding doctoral and postdoctoral programmes

MSCA and Citizens

Public outreach events (Night)

The information in this presentation is preliminary and subject to the adoption of the work programme

Cluster 1: Health

Areas of intervention

- health throughout the life course

- **environmental and social health determinants**

- non-communicable and rare diseases

- infectious diseases including poverty-related and neglected diseases

- **tools, technologies and digital solutions for health and care** including personalised medicine

- health care systems

Cluster 1: Health

Indicative thematic areas and keywords

❑ Environment and health
- Environmental pollution
- Climate change
- Health impacts

❑ Tools and technologies for a healthy society
- Medical devices
- Use of data / data analysis
- Computational models
- Materials / biomaterials

Cluster 2: Culture, Creativity and Inclusive society

Areas of intervention

- Democracy

- **Cultural heritage**

- **Social and economic transformations**

Cluster 2: Culture, Creativity and Inclusive society

Indicative thematic areas and keywords

❑ Cultural heritage
- Technologies, tools, materials
- Climate change and transition

❑ Social and economic transformations
- Green and digital transition

Indicative opening and closing dates
December 2022
February 2023

Cluster 3: Civil security for society

➢ Cluster 3 WP responds to the challenges arising from persistent security threats, including cybercrime, as well as natural and man-made disasters.

➢ It builds on lessons learnt from Covid-19 crisis (prevention, mitigation, preparedness and capacity building for crises).

Areas of Intervention:
- disaster-resilient societies
- protection and security
- cybersecurity

Cluster 3: Calls 2022 - Overview

31 topics in 2022 calls

Deadlines 16 November 23 November

1. Call - Fighting Crime and Terrorism (FCT)
   - ✓ 7 topics

2. Call - Border Management (BM)
   - ✓ 5 topics

3. Call - Resilient Infrastructure (INFRA)
   - ✓ 2 topics

4. Call - **Increased Cybersecurity** (CS) *(deadline 16 November)*
   - ✓ 4 topics

5. Call - **Disaster-Resilient Society** (DRS)
   - ✓ 9 topics

6. Call - Strengthened Security Research and Innovation 2022 (SSRI)
   - ✓ 4 topics

Horizon Europe Cluster 3 - Civil Security for Society Infoday / 28 June

➢ https://rea.ec.europa.eu/events/horizon-europe-cluster-3-civil-security-society-2022-06-28_en

Cluster 4: Digital, Industry and Space

Destinations

- Climate neutral, circular and digitised production

- Increased autonomy in key strategic value chains for resilient industry

- World leading data and computing technologies

- Digital and emerging technologies for competitiveness and fit for the Green Deal

- Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data

- A human-centred and ethical development of digital and industrial technologies

Cluster 4: Digital, Industry and Space

Indicative open topics

- **New algorithms for applications on European exascale supercomputers**
  TOPIC ID: HORIZON-EUROHPC-JU-2022-ALG-02-01
  European High Performance Computing Joint Undertaking (EuroHPC JU)
  Deadline: 27 Oct 2022

- **2D-material-based composites, coatings and foams (IA)**
  TOPIC ID: HORIZON-CL4-2022-DIGITAL-EMERGING-02-20
  Deadline: 16 Nov 2022

- **New generation of advanced electronic and photonic 2D materials-based devices, systems and sensors (RIA)**
  TOPIC ID: HORIZON-CL4-2022-DIGITAL-EMERGING-02-17
  Deadline: 16 Nov 2022

Cluster 4: Digital, Industry and Space

Indicative open topics

- **2D materials-based devices and systems for biomedical applications (RIA)**
  TOPIC ID: HORIZON-CL4-2022-DIGITAL-EMERGING-02-19
  Deadline: 16 Nov 2022

- **AI, Data and Robotics for Industry optimisation (including production and services) (IA)**
  TOPIC ID: HORIZON-CL4-2022-DIGITAL-EMERGING-02-05
  AI, Data and Robotics Partnership
  Deadline: 16 Nov 2022

Work Programme 2021-2022 Space calls

Call HORIZON-CL4-**2021**-SPACE-01

STRATEGIC AUTONOMY IN DEVELOPING, DEPLOYING AND USING GLOBAL SPACE-BASED INFRASTRUCTURES, SERVICES, APPLICATIONS AND DATA

136,2 MEur

28/10/2021 – 16/02/2022

Call HORIZON-EUSPA-**2021**-SPACE-02

STRATEGIC AUTONOMY IN DEVELOPING, DEPLOYING AND USING GLOBAL SPACE-BASED INFRASTRUCTURES, SERVICES, APPLICATIONS AND DATA - **APPLICATIONS**

32,6 MEur

28/10/2021 – 16/02/2022

(TBC)

Call HORIZON-CL4-**2022**-SPACE-01

STRATEGIC AUTONOMY IN DEVELOPING, DEPLOYING AND USING GLOBAL SPACE-BASED INFRASTRUCTURES, SERVICES, APPLICATIONS AND DATA

85,7 MEur

28/10/2021 – 16/02/2022

Call HORIZON-EUSPA-**2022**-SPACE-02

STRATEGIC AUTONOMY IN DEVELOPING, DEPLOYING AND USING GLOBAL SPACE-BASED INFRASTRUCTURES, SERVICES, APPLICATIONS AND DATA - **APPLICATIONS**

48,1 MEur

27/10/2022 – 16/02/2023

(TBC)

Other Actions

European Commission

HORIZON-EUSPA-2022-SPACE-02 call

Topics

- HORIZON-EUSPA-2022-SPACE-02-51: EGNSS applications for Smart mobility

- HORIZON-EUSPA-2022-SPACE-02-52: Public sector as Galileo and/or Copernicus user

- HORIZON-EUSPA-2022-SPACE-02-54: Copernicus downstream applications and the European Data Economy

- HORIZON-EUSPA-2022-SPACE-02-55: Large-scale Copernicus data uptake with AI and HPC

- HORIZON-EUSPA-2022-SPACE-02-56: Designing space-based downstream applications with international partners

- HORIZON-EUSPA-2022-SPACE-02-61: GOVSATCOM Service developments and demonstrations

EU Space Week 2022
3 – 6 October 2022 in Prague

➢ https://www.euspa.europa.eu/newsroom/news/eu-space-week-2022-addressing-user-needs-through-euspace

Cluster 4: Digital, Industry and Space

Indicative thematic areas and keywords

- ❑ Materials and biomaterials
- ❑ Climate change and related issues
- ❑ Energy (efficiency, related to industry etc.)
- ❑ Industrial manufacturing and processes
- ❑ Raw materials
- ❑ Earth observation
- ❑ Photonics
- ❑ Quantum technologies

Indicative opening and closing dates
December 2022
April 2023

Cluster 4: Example of a partnership topic

<u>Photonics - Made in Europe Partnerships</u>

- Advanced multi-sensing systems (Photonics Partnership) (RIA)

- Advanced Photonic Integrated Circuits (Photonics Partnership) (RIA)

- Advanced optical communication components (Photonics Partnership) (IA)

Cluster 5: Climate, Energy and Mobility

Areas of intervention

- **climate science and solutions**

- **energy supply**

- **energy systems and grids**

- **buildings and industrial facilities in energy transition**

- communities and cities

- industrial competitiveness in transport

- clean, safe and accessible transport and mobility

- smart mobility

- **energy storage**

Cluster 5: Climate, Energy and Mobility

Indicative open topics

- **Novel Thin Film (TF) technologies targeting high efficiencies (RIA)**
  TOPIC ID: HORIZON-CL5-2022-D3-03-05
  Deadline: 10 Jan 2023

- **Best international practice for scaling up sustainable biofuels (RIA)**
  TOPIC ID: HORIZON-CL5-2022-D3-03-02
  Deadline: 10 Jan 2023

- **Recycling end of life PV (photovoltaic) modules (IA)**
  TOPIC ID: HORIZON-CL5-2022-D3-03-09
  Deadline: 10 Jan 2023

Cluster 5: Climate, Energy and Mobility

Indicative open topics

- **Smart-grid ready and smart-network ready buildings, acting as active utility nodes (IA)**
  (Built4People partnership)
  TOPIC ID: HORIZON-CL5-2022-D4-02-04
  Deadline: 24 Jan 2023

- **Designs, materials and solutions to improve resilience, preparedness & responsiveness of the built environment for climate adaptation (IA)**
  (Built4People partnership)
  TOPIC ID: HORIZON-CL5-2022-D4-02-01
  Deadline: 24 Jan 2023

Cluster 5: Climate, Energy and Mobility

Indicative thematic areas and keywords

- ❑ Climate sciences

- ❑ Climate change, solutions, transition, adaptation

- ❑ Energy use, supply, efficiency etc.

- ❑ Renewable energy

Indicative opening and closing dates
December 2022
April 2023

Cluster 5: Example of a partnership topic

Clean Hydrogen Joint Undertaking

41 topics available

10 - Renewable Hydrogen Production

11 - Hydrogen Storage and Distribution

8 - Transport

4 - Heat and Power

5 - Cross-cutting

2 - Hydrogen Valleys

1 - Strategic Research challenge

Development of low temperature water electrolysers for highly pressurised hydrogen production

Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Areas of intervention

- **environmental observation**

- biodiversity and natural resources

- agriculture, forestry and rural areas

- seas, oceans and inland waters

- food systems

- bio-based innovation systems in the EU's bioeconomy

- circular systems

Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Indicative thematic areas and keywords

❑ Climate change and environment / ecosystems

❑ Climate and biodiversity

❑ Climate and water

❑ Clean environment and zero pollution

Indicative opening and closing dates
November 2022
February2023

European Innovation Council: WP 2022

https://eic.ec.europa.eu/index_en

| Call	Who can apply	What for	EIC Open		EIC Challenges		
			Deadlines	Indicative Budget (EUR million)	EIC Challenge	Deadlines	Indicative Budget (EUR million)
EIC Pathfinder	Consortia of at least three different independent legal entities[14] established in at least three different eligible countries. Additionally, single applicants or small consortia (two partners) for EIC Pathfinder Challenges only.	Grants of up to EUR 3 million (open) or EUR 4 million (challenge driven) (or more if properly justified) to achieve the proof of principle and validate the scientific basis of breakthrough technology (TRL 1-4)	3 May 2022	183	• Carbon dioxide & Nitrogen management and valorisation • Mid-long term, systems-integrated energy storage • Cardiogenomics • Healthcare Continuum technologies • DNA-based digital data storage • Alternative Quantum Information Processing, Communication, and Sensing	19 October 2022	167
EIC Transition	Single applicants (SMEs, spin-offs, start-ups, research organisations, universities) or small consortia (two partners) or consortia of three to five different independent legal entities established in at least three different eligible countries. Proposals must build on results from eligible EIC Pathfinder, FET or ERC Proof of Concept projects	Grants of up to EUR 2.5 million (or more if properly justified) to validate and demonstrate technology in application-relevant environment (TRL 4 to 5/6) and develop market readiness	4 May 2022 28 September 2022	70.9	• Green digital devices for the future • Process and system integration of clean energy technologies • RNA-based therapies and diagnostics for complex or rare genetic diseases	4 May 2022 28 September 2022	60.5
EIC Accelerator	Single start-ups and SMEs (including spin-outs), individuals (intending to launch a start-up/ SME) and in exceptional cases small mid-caps (fewer than 499 employees)	Up to EUR 2.5 million grant component for technology development (TRL 5/6 to 9); EUR 0.5 up to 15 million[15] investment component for scaling up and other activities. Grant only/grant first under certain conditions. Investment component only for small mid-caps or as follow up to grant only.	Short applications: continuous Full applications : • 23 March 2022 • 15 June 2022 • 5 October 2022	630.9	• Technologies for Open Strategic Autonomy • Technologies for 'Fit for 55'	Short applications: continuous Full applications: • 23 March 2022 • 15 June 2022 • 5 October 2022	536.9
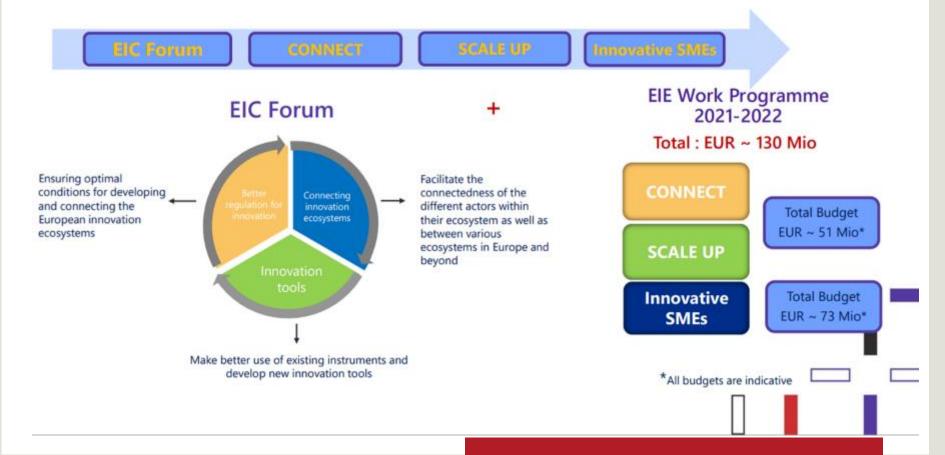
European Innovation Ecosystems

https://eic.ec.europa.eu/index_en

HEU SUPPORT TO INNOVATION ECOSYSTEMS

European Innovation Council

| EIC Forum | CONNECT | SCALE UP | Innovative SMEs |

EIC Forum

Ensuring optimal conditions for developing and connecting the European innovation ecosystems

Better regulation for innovation · Connecting innovation ecosystems · Innovation tools

Facilitate the connectedness of the different actors within their ecosystem as well as between various ecosystems in Europe and beyond

Make better use of existing instruments and develop new innovation tools

EIE Work Programme 2021-2022

Total : EUR ~ 130 Mio

CONNECT — Total Budget EUR ~ 51 Mio*

SCALE UP

Innovative SMEs — Total Budget EUR ~ 73 Mio*

*All budgets are indicative

European Institute of Innovation and Technology (EIT)

EIT Climate-KIC

EIT Digital

EIT InnoEnergy

EIT Raw Materials

EIT Health

EIT Food

eit Climate-KIC   Co-funded by the European Union

Who We Are   Our Community   What We Do   Get Involved

GET INVOLVED

Apply for a grant

2022 Closed Calls
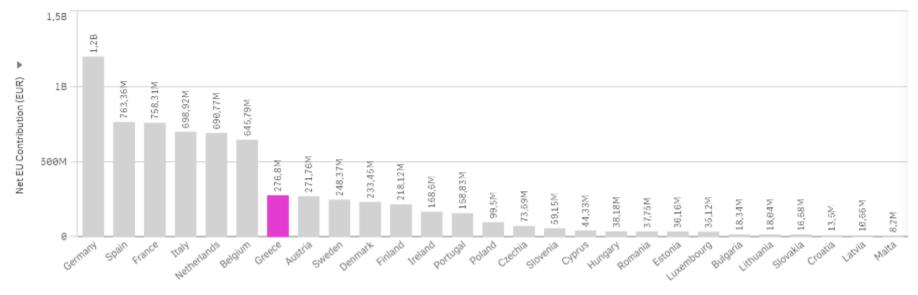
- CALL FOR START-UPS: Built Environment Circular ClimAccelerator

- CALL FOR START-UPS: CarbonRemoval ClimAccelerator

- CALL FOR APPLICATIONS: The EIT Circular Economy Community launches the Circular Economy Prize

- CALL FOR PROPOSALS: Pacific Islands Blue Economy Accelerator 2022/2023

- CALL FOR PROPOSALS: CEE Community Lab Implementation 2022 Call

- CALL FOR PARTNERS: Irish Agri-Food Deep Demonstration 2022/2023
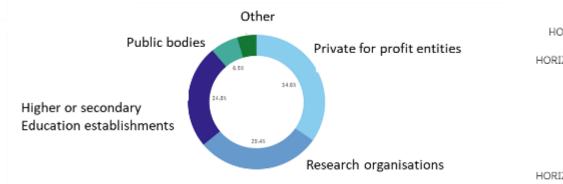
- CALL FOR PROPOSALS: Call for a Matchmaking Innovation Event with a focus on RIS countries

- CALL FOR WORK PLANS: Gender Mainstreaming for Entrepreneurship 2022/2023

- CALL FOR APPLICATIONS: Call for RIS Education experiments 2022

- CALL FOR START-UPS: MED ClimAccelerator

- CALL FOR PROPOSALS: Acceleration program for climate-positive ideas – Baltics & Slovakia ClimAccelerator 2022

- CALL FOR PARTNERS: New European Bauhaus Hackathon

- CALL FOR PROPOSALS: New European Bauhaus Co-creation of Public Space Through Citizen Engagement

- CALL FOR PROPOSALS: New European Bauhaus Citizen Engagement Activities
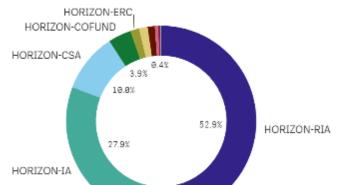
- CALL FOR PROPOSALS: ETV Support Call

Ελληνική συμμετοχή στον Ορίζοντα Ευρώπη

HORIZON EUROPE Contribution (EUR) to Member States

Στοιχεία της ελληνικής συμμετοχής στο πρόγραμμα Ορίζοντας Ευρώπη

Net EU Contribution	Total Cost	Signed Grants	Participation	Unique Participants
276,8M 3,73% HORIZON EUR...	304,1M 3,71% HORIZON EUR...	406 13,15% HORIZON EU...	765 3,97% HORIZON EU...	282 3,53% HORIZON EU...

Overview by programme/pillar/thematic priority/keyword

Global Challenges and European Industrial Competitiveness
614

Excellent Science
95

Widening Participation and Strengthening the European Research Area
43

Innovative Europe
13

EU R&I days

https://ec.europa.eu/research-and-innovation/en/events/upcoming-events/research-innovation-days

Χρήσιμοι σύνδεσμοι

- Horizon Europe: https://ec.europa.eu/info/horizon-europe_en
- R&I Missions (incl. reports): https://ec.europa.eu/info/horizon-europe/missions-horizon-europe_en
- Partnerships for R&I: https://ec.europa.eu/info/horizon-europe/european-partnerships-horizon-europe_en
- Open science policy: https://ec.europa.eu/info/research-and-innovation/strategy/goals-research-and-innovation-policy/open-science_en
- EU approach to sustainable development: https://ec.europa.eu/info/strategy/international-strategies/sustainable-development-goals/eu-holistic-approach-sustainable-development_en
- European Innovation Council: https://ec.europa.eu/research/eic/index.cfm
- European Institution of Innovation and Technology: https://eit.europa.eu/
- Knowledge and Innovation Communities: https://eit.europa.eu/our-communities/eit-innovation-communities
- European Open Science Cloud: https://eosc-portal.eu/

Ελληνική διαδικτυακή πύλη για τον Ορίζοντα Ευρώπη

http://horizoneurope.gr/

Σας ευχαριστώ για την προσοχή σας!

Κατερίνα Παπαδούλη
papadouli@praxinetwork.gr