Oportunidades de rede e financiamento à inovação
(EIC, EUREKA, EEN e EIT)
EUROPEAN UNION

HORIZON EUROPE

THE EU RESEARCH & INNOVATION PROGRAMME

2021 - 2027

#HorizonEU
EU funding programmes

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95.5 billion euros for R&D&I
Other opportunities – Innovation driven

HORIZON EUROPE

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

Clusters
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
Other opportunities – Innovation driven

HORIZON EUROPE

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WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

- Widening participation & spreading excellence
- Reforming & Enhancing the European R&I system
FROM IDEA TO MARKET

Communication
International network

Capture investments
Winning business models

IP
Regulation of international markets

Deep Tech

EIC = Fábrica de Unicórnios Deep Tech
FROM IDEA TO MARKET

**Synthetic photosynthesis**

**Bioinspired Bots**

**Biocompatible Medical devices**

**Advanced robotics and prosthetics**

**Microscale implants**

**Protein sequencing**

**Biobased, biodegradable products**

[IS MY IDEA WORTH IT?](https://eic.easme-web.eu/#) or [cordis](https://cordis.europa.eu/)
Type of Calls

- **Open calls**
  - Bottom up
  - No predefined thematic priorities
  - Technologies and innovations in different scientific, technological, sectoral and application fields or represent novel combinations.

- **Challenge driven calls**
  - Top down
  - Specific and predefined technological and innovation breakthroughs that take into account priorities from (EU, stakeholders, experts and the EIC Board).
FROM IDEA TO MARKET

PATHFINDER:
Researchers, technologists

European Innovation Council
Do you have a vision disruptive technology that could **make a real difference to our lives**? positive effect to our economy and society

Do you see a plausible way of achieving the **scientific breakthrough** that will make this technology possible?

Can you imagine **collaborating** with an interdisciplinary team of researchers and innovators?

Get to **proof of principle and validate the scientific basis** of the future technology?

Ambitious vision for **radically new technology**, with potential to **create new markets**

**High-risk/high-gain research** (e.g. research risk, market risk)

**FINANCING** up to 3 M€  (funding rate: 100%)
• Collaborative interdisciplinary team of researchers and innovators

• Consortium that includes **at least three independent legal entities**, each one established in a different Member State (minimum 1) or associated country

• Consortium **min 3 partners**
CALLS

Open calls
Grant up to: 3 M€

Call deadline: 04/May/2022
Indicative Budget: 183 M€

Challenge driven calls
Grant up to: 4 M€

Call deadline: 19/Out/2022
Indicative Budget: 167 M€
CHALLENGES

1. Carbon & Nitrogen management and valorisation
2. Mid-long term, systems-integrated energy storage
3. Cardiogenomics
4. Healthcare Continuum technologies
5. DNA-based digital data storage
6. Alternative Quantum Information Processing, Communication, and Sensing

6 challenges
6 calls
• Have you identified EIC Pathfinder, FET or ERC Proof of Concept project results that could be the basis for ground-breaking innovations and new businesses?

• Is this novel technology ready for the next steps towards its maturation and validation in some specific applications?
  • Do you envisage building a motivated and diverse team to develop the idea towards commercialisation?

• Address market readiness towards commercialisation and deployment (market research, business case, prospects for growth, intellectual property protection, competitor analysis etc.) and other relevant aspects of regulation, certification and standardisation, aimed at getting both the technology and the business idea investment-ready.

FINANCING up to 0.5 – 2.5 M€ (funding rate: 100%) for projects up to 3 years as appropriate
EIC Transition is restricted to proposals based on results generated by the following eligible projects:

**EIC Pathfinder** projects (including projects funded under EIC pilot Pathfinder, Horizon 2020 FET-Open, FET-Proactive) and FET Flagships calls (including ERANET calls under the FET Work Programme), European Research Council (ERC) Proof of Concept projects.

*(projects active for 12 months, or 24 months after its completion)*

*Single entities (university, research, SME) or a consortium up to 5 partners (all institutions)*
CALLS

**Open calls**

Grant up to: 0.5 – 2.5 M€

*Call deadline: 4 May 28 Set*

*Indicative Budget: 70.9 M€*

**Challenge driven calls**

Grant up to: 0.5 – 2.5 M€

*Call deadline: 4 May 28 Set*

*Indicative Budget: 60.5 M€*
CHALLENGES

- 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
FROM IDEA TO MARKET

ACCELERATOR:
Start-ups, SMEs
and entrepreneurs

European Innovation Council
- Do you have a high-impact innovative product, service or business model that could create new markets or disrupt existing ones in Europe and even worldwide?

- Are you a start-up or a small and medium-sized enterprise (SME) with the ambition and commitment to scale up?

- Are you looking for substantial funding but the risks involved are too high for private investors alone to invest?

FINANCING - The EIC Accelerator provides blended finance

- An investment component usually in the form of direct equity or quasi-equity such as convertible loans.
  - EUR 0.5 up to 15 million investment component for scaling up and other activities.
- A grant component to reimburse eligible costs incurred for innovation activities
  - Up to EUR 2.5 million grant component for technology development (TRL 5/6 to 8);
• The EIC Accelerator supports companies (principally SMEs, including start-ups) to scale up high impact innovations with the potential to create new markets or disrupt existing ones.

• 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)
Open calls

Up to EUR 2.5 million grant component for technology development (TRL 5/6 to 8); EUR 0.5 up to 15 million investment component for scaling up and other activities.

Call deadline:
Short applications: continuous

Full Applications: 23 March
15 June
5 October

Indicative Budget: 539.6 M€

Challenge driven calls

Up to EUR 2.5 million grant component for technology development (TRL 5/6 to 8); EUR 0.5 up to 15 million investment component for scaling up and other activities.

Call deadline:
Short applications: continuous

Full Applications: 23 March
15 June
5 October

Indicative Budget: 539.6 M€
CHALLENGES

2 challenges
2 calls

Technologies for Open Strategic Autonomy

Technologies for ‘Fit for 55’
FROM IDEA TO MARKET

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• EIC - Transition
• EIC - Accelerator

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• EIT • EIC
• Legal and financial issues

Get In touch!
Outras oportunidades - inovação

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WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA
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Rede EUREKA

A maior rede pública mundial para cooperação internacional em I&D e Inovação
A maior rede pública mundial para cooperação internacional em I&D e Inovação
Presente em mais de 45 países
Programas Eureka

Grandes consórcios de I&DI, liderados pela grande indústria europeia, cobrindo a cadeia de valor industrial:
- CELTIC-Next (Telecomunicações)
- ITEA 4 (Inovação em software)
- XECS (sistemas de componentes eletrónicos),
- EUROGIA (Tecnologias de baixo carbono)

Acesso a investimento para start-ups:
- Missões internacionais e
- atividades com grandes empresas

Projetos de I&DI entre, pelo menos, 2 países Eureka

Projetos internacionais de I&DI liderados por uma PME inovadora

Projetos de I&DI entre países Eureka e países terceiros
Próximas calls Eureka / Eurostars 3:

**Eurostars 3** – 13 Julho a 15 Setembro (13.00h PT)

**INNOWWIDE** – 5 de Setembro – 15 Novembro
Projetos de viabilidade de mercado em países terceiros

**Globalstars Brasil** – encerra a 15 de Outubro
https://www.eurekanetwork.org/open-calls/globalstars-brazil-2022
Financiamento projetos Eureka/Eurostars (entidades portuguesas)

1. Tipo de convocatória: Avisos para “Projetos de I&D Industrial à Escala Europeia” no âmbito do PT2030 (a ser publicado no segundo semestre 2022 !!).

2. Orçamento previsto para o futuro Aviso PT2030: aproximadamente 12M

3. Tipo de Projetos abrangidos:
   - Projetos EUREKA, incluindo Projetos de Rede Eureka, Eureka Clusters, GLOBALSTARS e convocatórias multilaterais);
   - EUROSTARS

Os projetos financiados deverão incluir actividades de investigação industrial e/ou desenvolvimento experimental, conducentes à criação de novos produtos, processos ou serviços ou à introdução de melhorias significativas em produtos, processos ou serviços existentes.
Critérios específicos de elegibilidade (principais):

1) Enquadrar-se nos domínios prioritários da estratégia de investigação e inovação para uma especialização inteligente (RIS3 Nacional e/ou Regional e/ou EREI, respetivamente)

2) Apresentar evidências da aprovação do projeto no âmbito dos programas Eureka (selo Eureka / Selo do Cluster Eureka / carta de aprovação do projeto no caso de Projetos Eurostars).

3) A componente nacional do projeto europeu, só será financiada se os investimentos dos copromotores internacionais também forem executados

4) É obrigatória a participação de uma empresa portuguesa! No caso dos projetos desenvolvidos em copromoção que envolvam ENE do S&I nacionais, a empresa nacional líder do projeto deverá assegurar pelo menos 30% do investimento.

5) Os beneficiários deverão apresentar uma situação económico-financeira equilibrada
Entidades elegíveis, custos elegíveis e limites de financiamento:

>> Participantes elegíveis: todas empresas, universidades, centros de Investigação e outras entidades não empresariais registados in Portugal.

>> Forma, montante e limites do incentivo*:

As entidades portuguesas podem receber financiamento na forma de incentivo não reembolsável para Projetos com despesas elegíveis até 1Meiros. O montante que excede 1Meiros pode assumir a forma de incentivo reembolsável.

As instituições de Investigação são sempre financiadas através de incentivo não reembolsável.

*(artigo 70º of [RECI – Regulamento Específico do domínio da Competitividade e a Internacionalização](#), - “Forma, montante e limites do incentivo “, pág. 5697).
Fundamental em projetos EUREKA/Eurostars:

- Contactar o **Coordenador Nacional de Projetos Eureka**- conhecer em detalhe as condições de financiamento no seu país

- Receber o **Selo EUREKA** ou a carta de aprovação para financiamento no caso dos **projetos Eurostars**

- Submeter uma **candidatura de qualidade** demonstrando a inovação que se pretende alcançar, a excelência das equipas e da implementação, o impacto expectável no mercado e o valor acrescentado do projeto para as entidades nacionais e para todo o consórcio.
Equipa EUREKA - NCPs

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EUREKA National Project Coordinator

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Polina Pereira
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Contacte-nos!

www.eurekaportugal2021-22.pt
www.eurekanetwork.org
EEN - Enterprise Europe Network
What’s in it for European SMEs?
The largest Network in the World to support SMEs with international ambitions

O apoio às empresas junto de si
What support is available?

Specialized innovation counseling services:

- Experts in brokering international partnerships
- Quality, customised innovation and internationalisation services
- Accessibility to all types of SMEs
- Multi-sectoral approach to SME needs
• Hub and spoke model
• Responsive and client driven
• Supporting networking & matchmaking

• Matchmaking events & B2B facilitators
http://een.ec.europa.eu/events
Website & Social networks

http://een.ec.europa.eu
http://een.ec.europa.eu/partners
Platform and virtual marketplace for:
GlobalStars call for proposals for joint R&D projects with Brazil
FROM 26 April 2022 TO 11 October 2022

Register now
Open until 11 October 2022
Find a partner abroad for your business:

Portal Europeu EEN:
http://een.ec.europa.eu/partners

Polish south-western company offers food packaging: absorbent pads for fresh meat and fish, and is looking for partners under distribution services agreement or subcontracting

The Polish south-western company specialising in food packaging offers its products and expertise in the field of food packaging. The company is currently...

See more

Poland | 1 year ago | expires in 11 hours

COVID-19: A Greek company offers an autonomous...
Italian food company seeks technological solutions for the automation and digitisation of the data gathering of greenhouse gas emissions in dairy barns

Summary

A leading Italian corporation produces and distributes milk and dairy products. The company is looking for innovative live auditing and data gathering solutions, at a minimum TRL 5, for the automation and digitisation of the carbon footprint assessment in dairy barns, within its supply network. The company is interested in a technical cooperation agreement. This request is part of an open innovation challenge.

Description

A leading Italian dairy and food corporation with global presence has an extensive milk supply network of 900 farms throughout Italy for yogurt, cream-based sauces, desserts and cheese.

One of the areas in which the company wants to innovate relates to greenhouse gas (GHG) emissions from dairy farms and the protection of biodiversity.

To date, checks and data collection from suppliers are mainly done on paper and through face-to-face interviews. This methodology has major limitations both in terms of scalability (inefficiency of the process) and the reliability of the data reported by the farmers, for which there is no verification mechanism.

The company wants to develop and implement a technological solution (mainly hardware) for the automation and digitisation of the data gathering process on greenhouse gas emissions, which derive mainly from feed, animal manure management, enteric fermentation and field crops.

To create this system, the company is interested in collaborating with start-ups or scale-ups, under technical cooperation agreement, to co-develop a pilot project.
EEN team - NCP

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T: +351 96 273 6757
Outras oportunidades - inovação

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Apoio do EIT
Para Associados e não associados

EDUCAÇÃO
• Mestrados e Doutoramentos
• MOOC
• Formação profissional
• Summer Schools

NEGÓCIO
• Hackathons
• Competições Pitch
• Incubação & Programas de aceleração
• Venture / Programas corporate
• Rondas de investimento
• Eventos de criação de Parcerias & networking

INVESTIGAÇÃO
• Projectos de inovação para parceiros
• Projectos de inovação para não-parceiros
• Prémios
• Eventos de criação de Parcerias & networking
EIT Climate-KIC  
Accelerate the transition to a zero-carbon economy

EIT Digital  
Drive Europe’s digital transformation

EIT Food  
Lead a global revolution in food innovation and production

EIT Urban Mobility  
Smart, green and integrated transport

EIT RawMaterials  
Develop raw materials into a major strength for Europe

EIT Manufacturing  
Strengthen and increase the competitiveness of Europe’s manufacturing industry

EIT Health  
Give EU citizens greater opportunities for a healthy life

EIT InnoEnergy  
Achieve a sustainable energy future for Europe
EIT team - NCP

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EU Funding Opportunities - Horizon Europe

João Ribau (ANI)