

# PERIN

Portugal in Europe  
Research and Innovation Network

European  
**eic** **INNOVATION**  
Council

Ricardo Carvalho (ANI)  
Elisabete Pires (ANI)

**FCT** Fundação  
para a Ciência  
e a Tecnologia

**ANI** AGÊNCIA NACIONAL  
DE INOVAÇÃO

**DGES**  
Direção-Geral do Ensino Superior

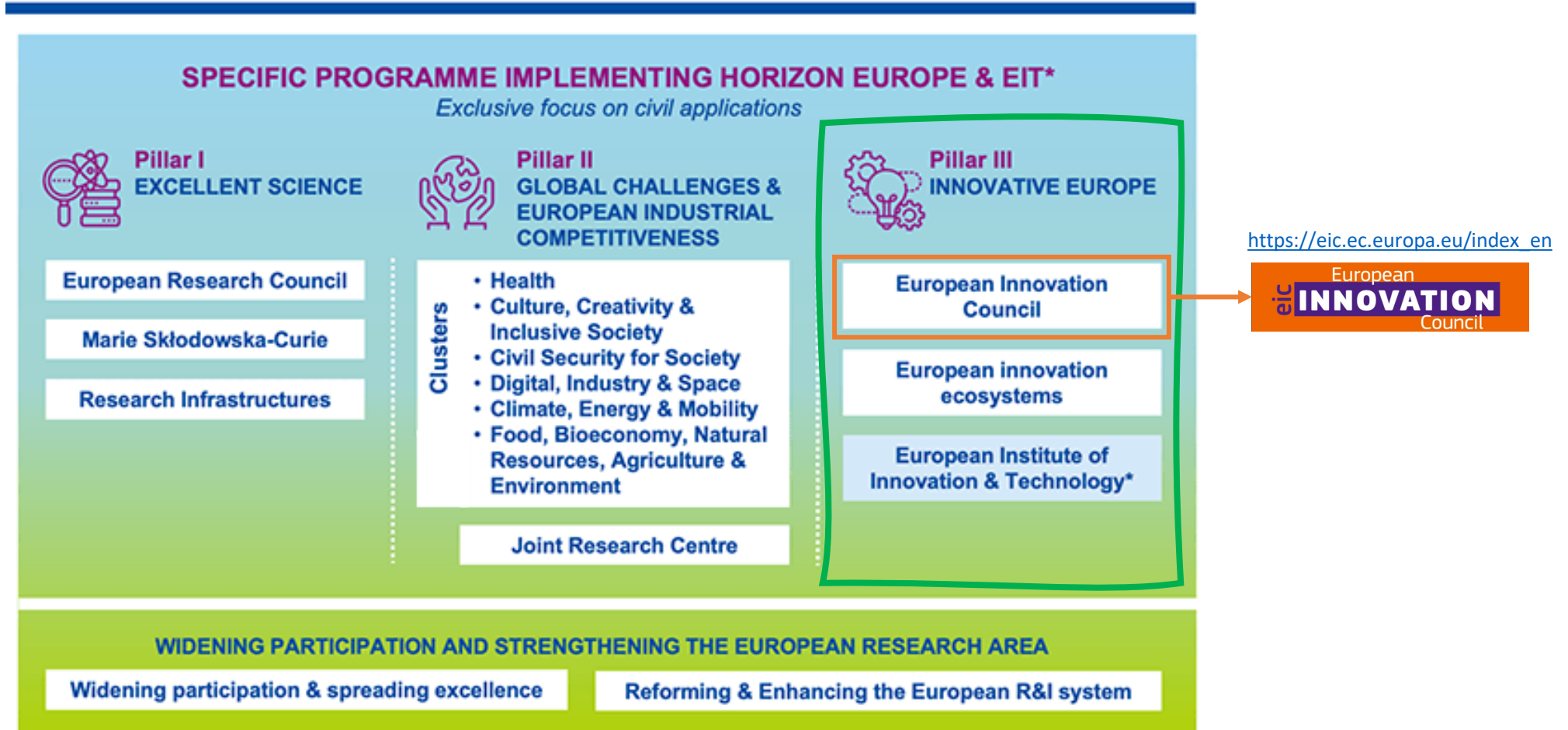
**PORTUGAL  
SPACE**

**AICIB**

**CIÊNCIA VIVA**  
Agência Nacional para a Cultura  
Científica e Tecnológica

agência nacional  
**erasmus**  
educação e formação

# Horizon Europe Structure



Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

## THE EIC: EU LEADERSHIP IN THE NEXT WAVE OF INNOVATION



more innovations  
that create  
the new markets  
of the future



scaled-up  
companies  
and higher  
SME growth



attract more  
private-sector  
investors  
to innovation



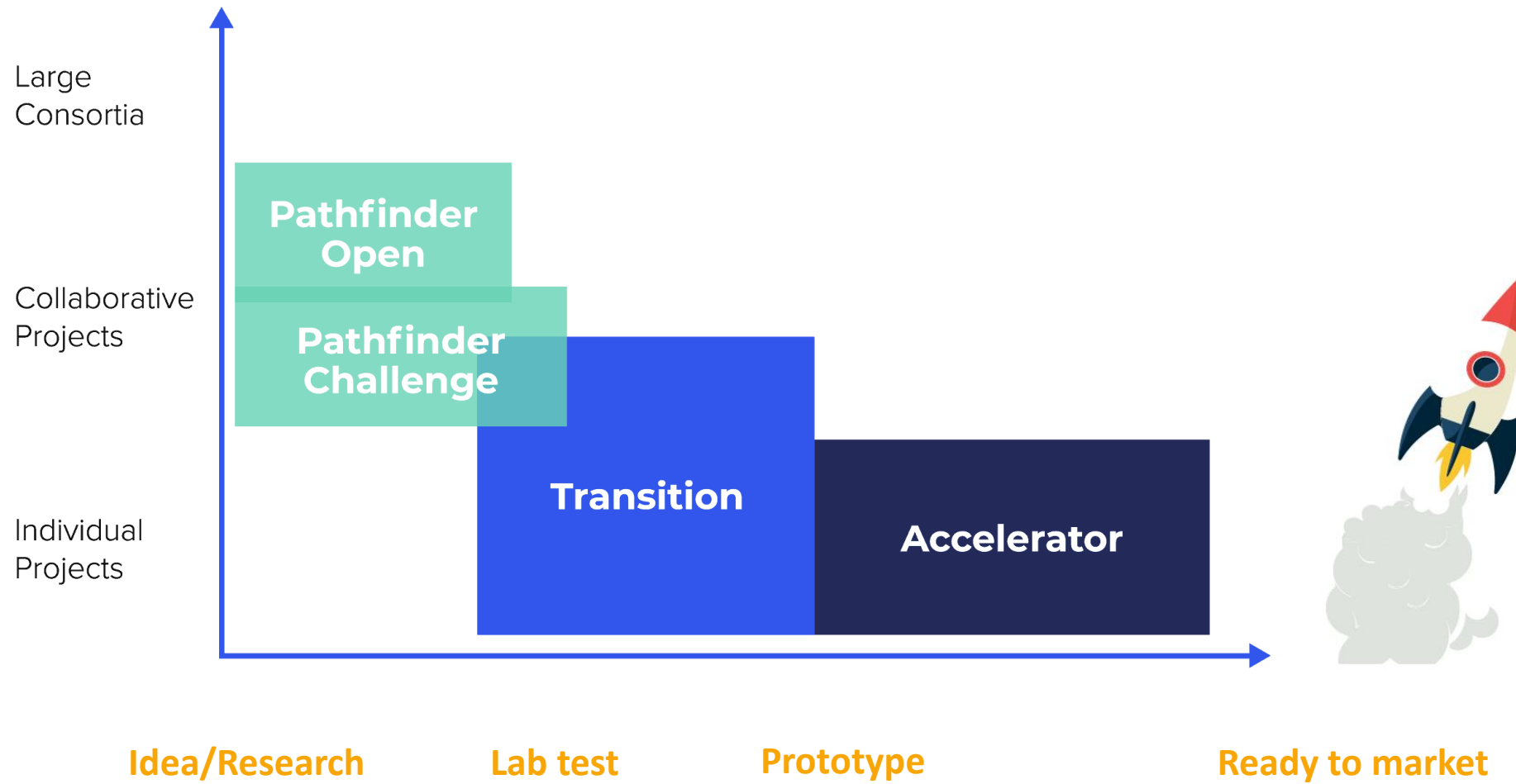
more  
entrepreneurship  
and  
risk-taking



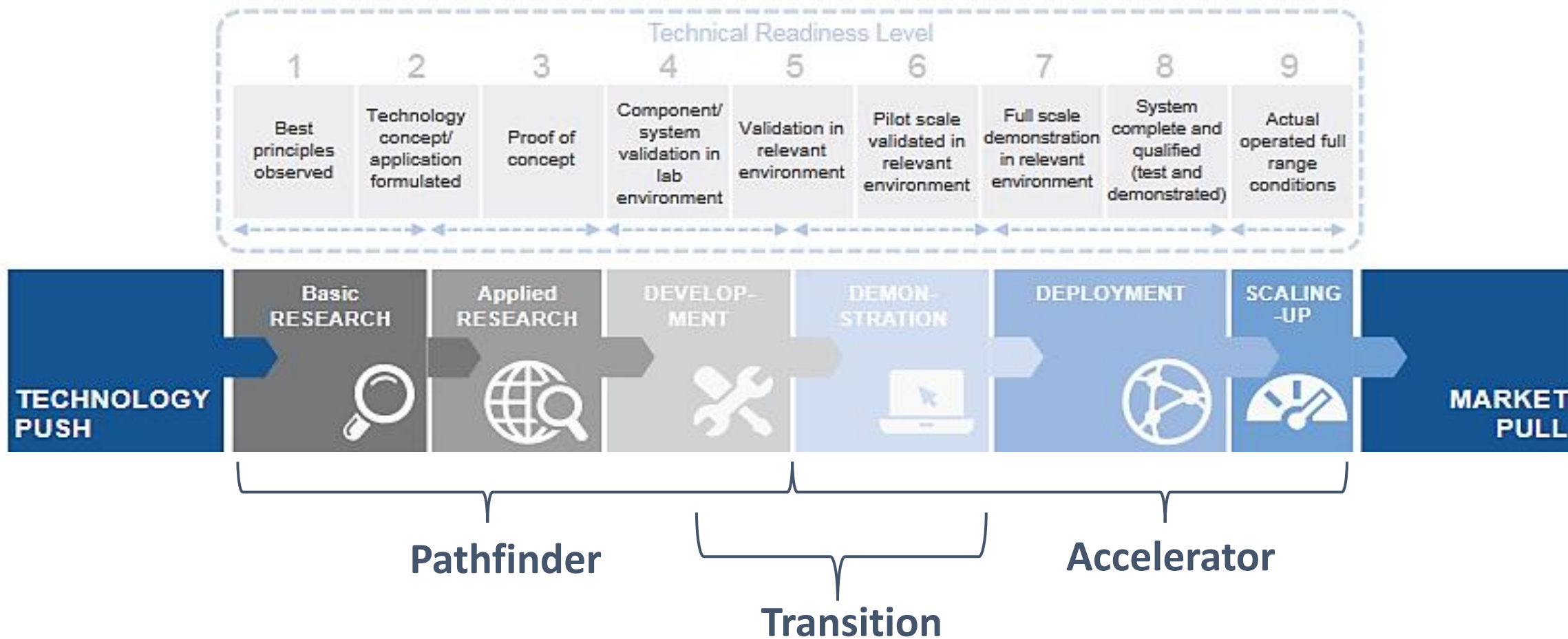
more accessible  
and user friendly  
support  
for innovation

The EIC focuses on supporting innovators with **breakthrough high-risk ideas** and **market creating innovation** pushing to higher Technology Readiness Levels (TRL).

# EIC Instruments



# EIC Instruments



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**INNOVATION**  
Council



**PATHFINDER:**  
Researchers, technologists

Ricardo Carvalho (ANI)



# Disruptive technology



## WHO

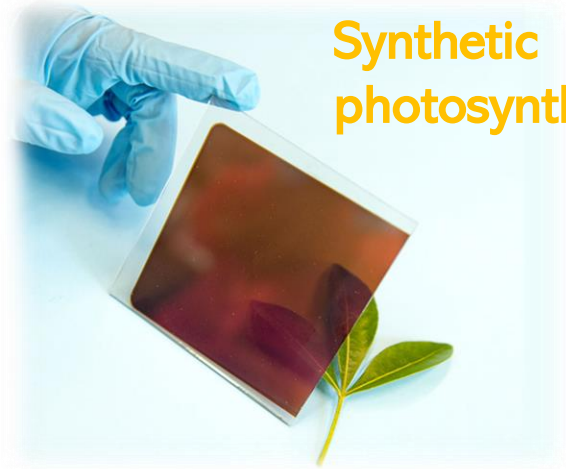
- academia
- research organisations
- start-ups
- SMEs
- industry interested in technological research and innovation

- 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**

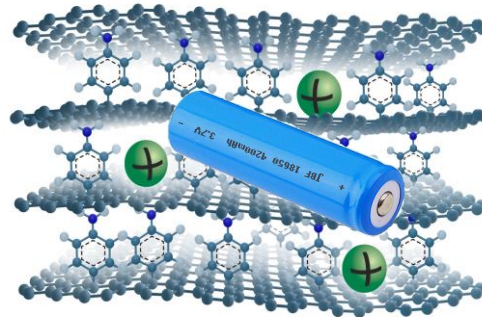
**eic** FROM IDEA TO MARKET

IS MY IDEA WORTH IT ?

<https://eic.easme-web.eu/#> or [cordis](#)



**Synthetic  
photosynthesis**

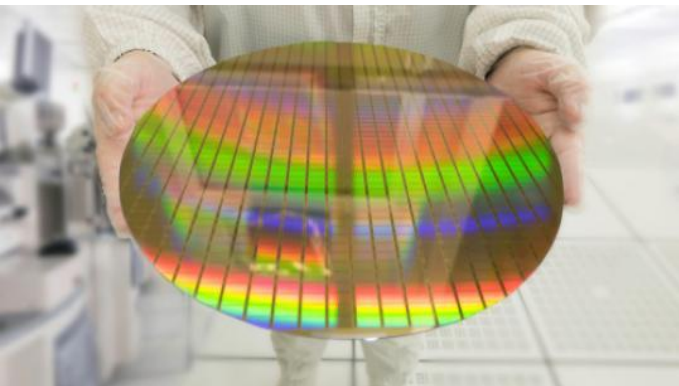


**battery tech**



**biobased,  
biodegradable  
products**

**Semi conductors**



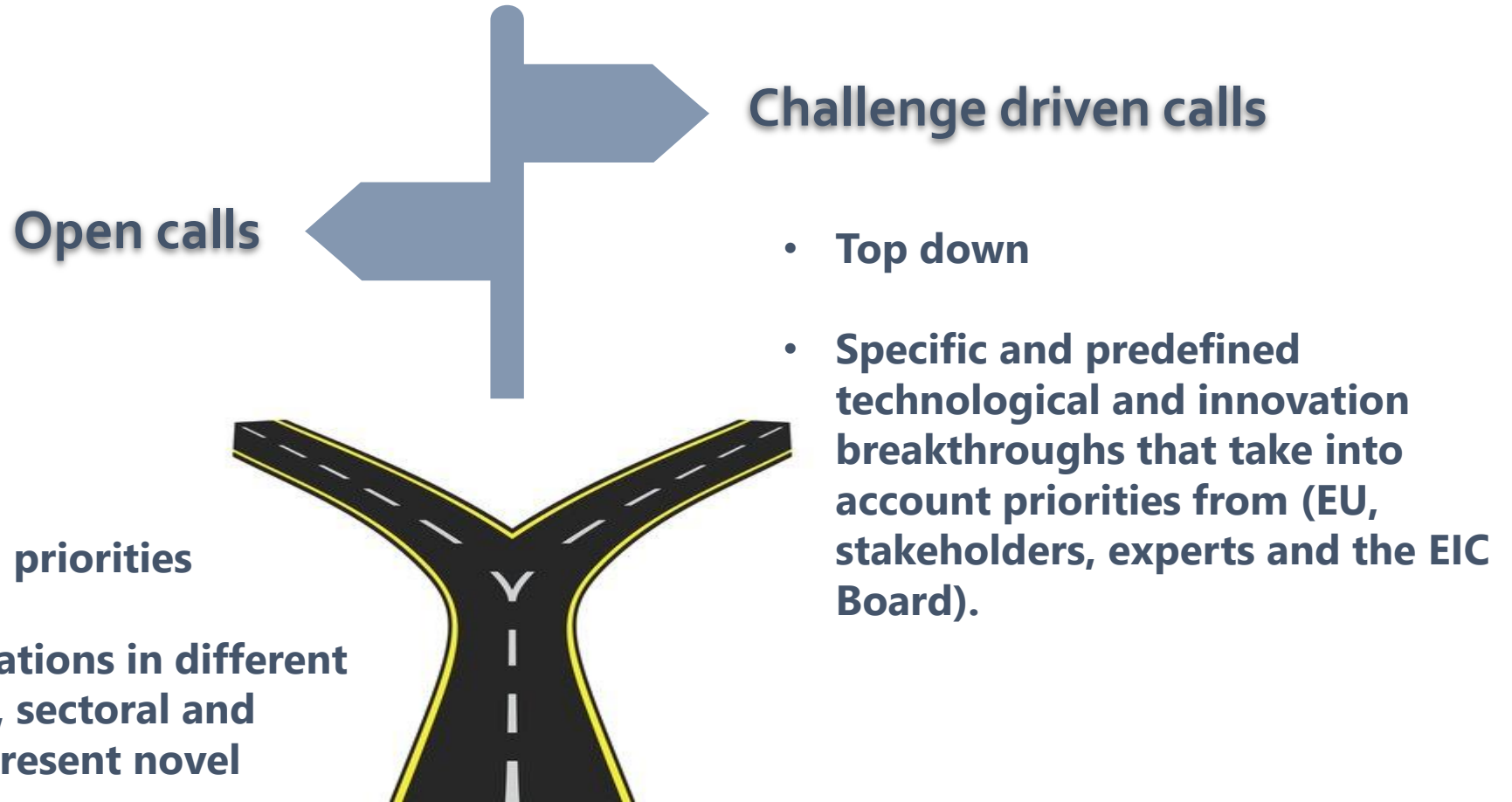
**Bio inspired  
Bots**

**Biocompatible  
medical devices**





# Type of Calls

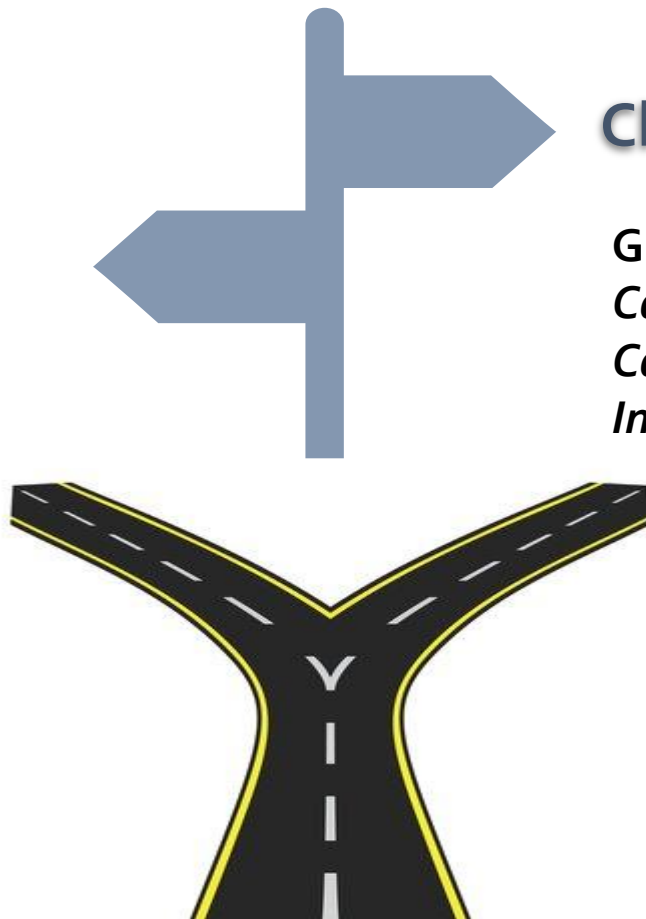


# Type of Calls

## Open calls

Grant up to: 3 M€  
*Call opening:* 10/01/2023  
*Call deadline:* 07/03/2023  
*Indicative Budget:* 179.5 M€

**Closed**



## Challenge driven calls

Grant up to: 4 M€  
*Call opening:* 20/06/2023  
*Call deadline:* 18/10/2023  
*Indicative Budget:* 163.5 M€

[WP 2023](#)



# Open calls

- Any topic is accepted
- Funding up to 3M at 100% rate
- Annually (typically in March)
- Very high participation rate
- Annexes A and B (Annex B up to 17 pages)
- Minimum number of partners is 3 (at least 1 member state and two associated countries or member states)
- There is no Consortium limit

# Challenge driven calls

- Pre-identified challenges
- Funding up to 4M at 100% rate
- Annually (typically in October)
- Lower participation rate
- Annexes A and B (Annex B up to 25 pages)
- Each challenge has its own rules
- There is no Consortium limit
- Portfolio criteria

## 2023 5 Challenges

[Clean and efficient cooling](#)

[Architecture, Engineering and Construction digitalisation for a novel triad of design, fabrication, and materials](#)

[Precision nutrition](#)

[Responsible electronics](#)

[In-space solar energy harvesting for innovative space applications](#)

[Info Days](#)



## Preparing proposals





# How to apply?



Submission platform

**05**



**SUBMIT**



Build a consortium.  
Collaborate, collaborate!

**03**



**04**

**Write the proposal !**

Application form (Part A)

Project proposal – Technical description (Part B)



**02**

**Look for a project call.  
Read the work programmes!**

**01**

**Ambitious & innovative idea. Concept.  
Read stakeholders needs.**



# Funding and tenders homepage

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

The screenshot shows the homepage of the Funding & tender opportunities portal. At the top left, there is the European Commission logo and the text 'Funding & tender opportunities Single Electronic Data Interchange Area (SEDIA)'. On the top right, there is a language selector set to 'English' and buttons for 'Register' and 'Login'. Below this is a main navigation bar with a home icon, 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. A red circle highlights the 'SEARCH FUNDING & TENDERS' menu, which has a dropdown showing 'Search funding & tenders', 'Funding updates', and 'Archived funding (FP7-CIP)'. Below the navigation is a search bar with the text 'Find funding and tenders' and a 'Search' button. To the right of the search bar are three buttons: 'ERA corona platform', 'Brexit info', and 'Report fraud'. The main content area is divided into two columns. The left column is titled 'EU Programmes' and contains a grid of program categories: Asylum, Migration and Integration Fund (AMIF); Border Management and Visa Instrument (BMVI); Digital Europe Programme (DIGITAL); Customs Control Equipment Instrument (CCEI); Citizens, Equality, Rights and Values Programme (CERV); Creative Europe (CREA); Customs Programme (CUST); European Parliament (EP); European Solidarity Corps (ESC); Erasmus+ Programme (ERASMUS+); and European Social Fund + (ESF). The right column is titled 'News' and contains three news items: 'Webinar 'The Funding & Tenders Portal for beginners', 27 May 2021, 10.00 CEST', 'Webinar "All you need to know on D&E under Horizon Europe", 9 June 2021; 9:30 CEST', and 'Webinar addressed to providers of Certificates on Financial Statements in Horizon 2020 grants'. At the bottom left, there is a URL: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search>

# Funding and tenders homepage

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

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT

## Horizon Europe (HORIZON)

clear filter

Friday 18 June 2021 between 20:00 and 22:00 & Saturday 19 June 2021 between 8:00 and 16:00 CET

All documents will be unavailable in the Grants and Audits Management Services, in the Participant Register Services and in "My Expert Area". Please refrain from launching any document-related process, since these will not work and will have to be restored by the Service Desk. We apologise for any inconvenience this may cause.

Match whole words only

GRANTS
  TENDERS

**Submission status**

✓  
Forthcoming (160)

✓  
Open for submission

✓  
Closed

**Programming period**

2021 - 2027 (160)

**Horizon Europe (HORIZON)**

Horizon Europe (HORIZON)

**Programme part**

Digital, Industry and Space

**Mission**

Select a Mission...

### Funding and tenders (160)

Need help? | Sort by: | Submission status

**Grant** **Coordination of complementary actions for missions**

**Forthcoming**

<b>Programme</b>	Horizon Europe (HORIZON)	<b>Deadline model</b>	single-stage
<b>ID</b>	HORIZON-MISS-2021-COOR-01-01	<b>Opening date</b>	22 June 2021
<b>Types of action</b>	HORIZON Coordination and Support Actions	<b>Deadline date</b>	14 September 2021 17:00:00 Brussels time

**Grant** **Better prepared regional and local authorities to adapt to climate change**

**Forthcoming**

<b>Programme</b>	Horizon Europe (HORIZON)	<b>Deadline model</b>	single-stage
<b>ID</b>	HORIZON-MISS-2021-CLIMA-01-01	<b>Opening date</b>	22 June 2021
<b>Types of action</b>	HORIZON Coordination and Support Actions	<b>Deadline date</b>	14 September 2021 17:00:00 Brussels time

**Grant** **Advanced spintronics: Unleashing spin in the next generation ICs (RIA)**

**Forthcoming**

<b>Programme</b>	Horizon Europe (HORIZON)	<b>Deadline model</b>	single-stage
<b>ID</b>	HORIZON-CL4-2021-DIGITAL-EMERGING-01-14	<b>Opening date</b>	22 June 2021
<b>Types of action</b>	HORIZON Research and Innovation Actions	<b>Deadline date</b>	21 October 2021 17:00:00 Brussels time

# How to apply?



Submission platform

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Application form (Part A)

Project proposal – Technical description (Part B)



**02**

**Look for a project call.**

**Read the work programmes!**



**01**

**Ambitious & innovative idea. Concept.**  
**Read stakeholders needs.**



# How to find project partners

**Be proactive !  
Engage communication!  
Look on your network ! And outside !**



## Own network

- Known partners
- Clients



## Partnering events

- Annual Information Day & Brokerage event in Brussels
- Brokerage events organised by the Enterprise Europe Network



## Databases of previous and ongoing projects

- CORDIS project database
- EIC hub
- Eco-innovation projects
- LIFE projects



## Partner search tools

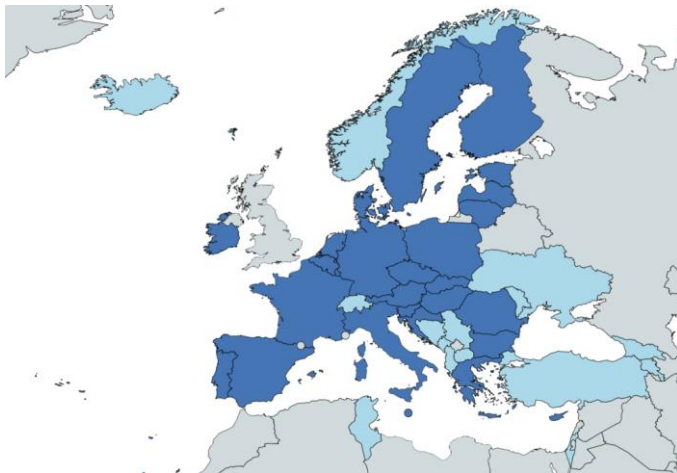
- CORDIS partner search platform
- Enterprise Europe Network cooperation opportunities database



## Which countries can apply?

### “Beneficiaries”

- Member states (MS)
- Associated countries to horizon Europe (AC)
- Low and middle-income countries



[List of Participating Countries in Horizon Europe](#)  
[Reference Documents](#)

### “Associated partners”

Entities that implement action tasks without receiving EU funding.

- The Grant Agreement mentions them and defines their role (rights and obligations), but AP do not sign the GA (but can sign consortium agreement)
- Cannot be coordinator (but can lead tasks or WP)
- Cannot receive direct EU funds (place budget under “financial contribution”)

### Who?

- Non associated countries, not eligible for funding from EU
- Co-funded partners (e.g. Switzerland)

# How to apply?



Submission platform

05



SUBMIT



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03



04

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Application form (Part A)

Project proposal – Technical description (Part B)



02

Look for a project call.

Read the work programmes!



01

Ambitious & innovative idea. Concept.  
Read stakeholders needs.



## Evaluation criteria



## Excellence (Threshold: 4/5, weight 60%)

### science **Long-term vision and contributions:**

- Contribution of the project and solution to the new visionary technology to in long term
- Transformative and positive effect in value chains, science, economy and society in long term
- Specific contributions and effects of the project, and not R&I in general in this field

### science **Science-towards-technology breakthrough:**

- Concrete science-towards-technology breakthrough of the project
- Relevant state-of-the-art in the field, pointing the project novelty and ambition
- Contribution of the science-towards-technology breakthrough to the realization of the envisioned technology

### science **Objectives, methods and results:**

- Objectives of the project - clear, plausible, measurable, verifiable and realistically achievable within the duration of the project
- Research approach and methodology including the concepts, models and assumptions, and why they are appropriate to overcome barriers and uncertainties
- Gender dimension, and “do no harm” principle

### science **Interdisciplinarity:**

- interdisciplinary approach engaging contributions from different scientific and technological disciplines, and its importance

## Impact (Threshold: 3.5/5, weight 20%)

### **innovation** Innovation potential:

- Impacts, KPIs, and concrete measures and plans to maximize impacts of your project (different from long term vision in section 1)
- Strategy for exploitation for future translation of research results into innovations (potential business plan model?)
- Future steps to increase TRL, and get additional funding support (grants, equity, investors, other instruments)
- Strategy to engage stakeholders and relevant value chain actors (suppliers, researchers, distributors, sellers)
- Value chain and markets to affect
- Strategy (only a strategy not activities) for the management of intellectual property (patents, design rights, copyright, trade secrets etc.)
- Measures to empower key actors and entrepreneurship (i.e. early career researchers, promising high-tech SMEs, start-ups)

### **innovation** **science** Communication and Dissemination:

- Foreseen measures and plans for stakeholder and general public engagement
- Stakeholder and public communication, events, materials
- Publications, conferences
- Open science
- Plan for Research data management and management of other results



## Quality and efficiency of the implementation (Threshold 3/5, weight 20%)

### science planning Quality of the consortium:

- Expertise and capabilities of the consortium members relevant to the project
- Relevance and complementarity of each member to the project (avoid overlaps or gaps), including relevance in the interdisciplinarity

### innovation science planning Work plan:

- Structure (overall WP and workflow, and gantt)
- Work packages, tasks, deliverables, milestones, time-line, etc.
- Budget should be balanced between the effort between partners and tasks, and objectives or impacts
- Risk mitigation measures in order to achieve the project objectives
- **Get to the proof-of-concept!**
- **Be specific and concrete!**

### planning Allocation of resources:

- Budget – RH, Equipment, Services, Travel, other goods.

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TRANSITION

Elisabete Pires (ANI)

  **TRANSITION** **OPEN**



**WHAT**

- 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



## WHO

- academia
- research organisations
- start-ups
- SMEs
- industry interested in technological research and innovation

- 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)



[List of eligible projects](#)  
[INNOVATION RADAR](#)



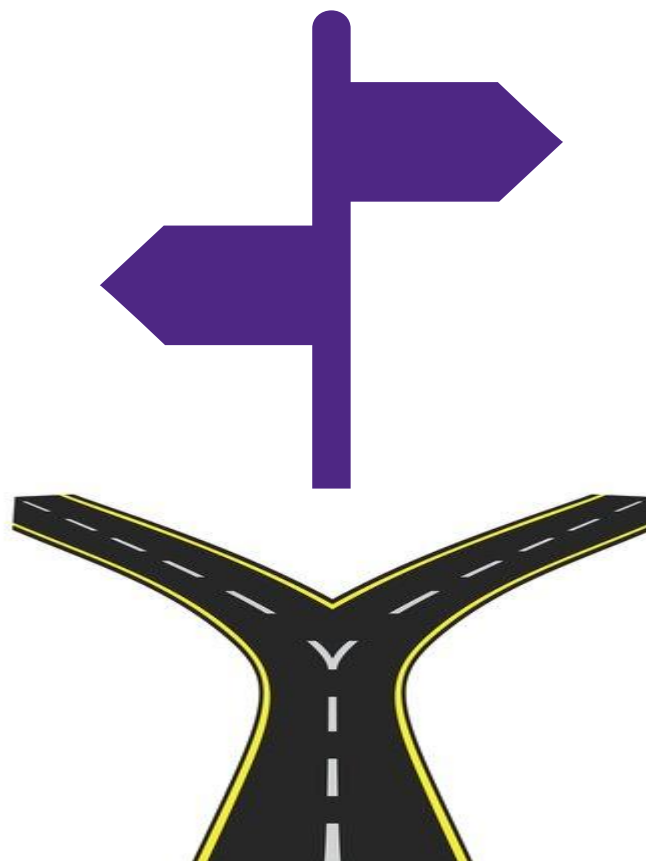
# CALLS

## Open calls

Grant up to: 0.5 – 2.5 M€

*Call deadline:* 27/09/23

*Indicative Budget:* 67.86 M€



## Challenge driven calls

Grant up to: 0.5 – 2.5 M€

*Call deadline:* 27/09/23

*Indicative Budget:* 60.5 M€



eic



TRANSITION

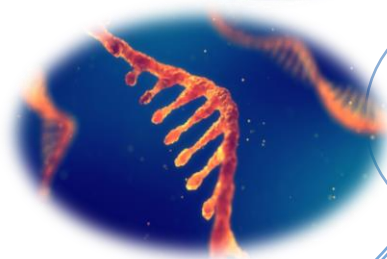
# CHALLENGES



Full scale Micro-Nano-Bio devices for medical and medical research applications



Environmental intelligence



Chip-scale optical frequency combs

3 challenges  
2 calls

# eic TRANSITION APPLICATION

European Commission | Funding & tender opportunities | Single Electronic Data Interchange Area (SEIA) | English | Register | Log out

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT | Get started

EIC Transition

Match whole words only

GRANTS  TENDERS

Submission status

Forthcoming  Open for submission (4)  Closed

Programming period

Select a Programme period... x v

Filter by Programme / Programme group

Select a Programme... v

Filter by call

Select a Call... x v

Type of grants calls

All grants calls v

CPV code (Tenders Only)

Select a CPV code... v

### Funding and tenders (4)

[Need help?](#) [Calendar](#) [RSS](#) Sort by: Submission status v

<b>EIC Transition Challenge: Environmental Intelligence</b> HORIZON-EIC-2023-TRANSITIONCHALLENGES-02		<a href="#">Call for proposal</a>	<a href="#">Grant</a>
Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON EIC Grants	Deadline model	multiple cut-off
Opening date	17 January 2023	Next deadline	27 September 2023 17:00:00 Brussels time

<b>EIC Transition Challenge: Chip-scale optical frequency combs</b> HORIZON-EIC-2023-TRANSITIONCHALLENGES-03		<a href="#">Call for proposal</a>	<a href="#">Grant</a>
Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON EIC Grants	Deadline model	multiple cut-off
Opening date	17 January 2023	Next deadline	27 September 2023 17:00:00 Brussels time

<b>EIC Transition Challenge: Full scale Micro-Nano-Bio devices for medical and medical research applications</b> HORIZON-EIC-2023-TRANSITIONCHALLENGES-01		<a href="#">Call for proposal</a>	<a href="#">Grant</a>
Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON EIC Grants	Deadline model	multiple cut-off
Opening date	17 January 2023	Next deadline	27 September 2023 17:00:00 Brussels time

<b>Transition Open 2023</b> HORIZON-EIC-2023-TRANSITIONOPEN-01		<a href="#">Call for proposal</a>	<a href="#">Grant</a>
Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON EIC Grants	Deadline model	multiple cut-off
Opening date	17 January 2023	Next deadline	27 September 2023 17:00:00 Brussels time

- **Submit the proposal (25 pages) before the given cut-off;**
- **Evaluation by EIC expert evaluators;**
- **If OK, a face to face interview is followed.**

eic



TRANSITION

**EVENTS**

**Save the date: 25.05.2023**

**Transition Info session (*on-line*)**

## Additional support

**Get involved** in the R&I priorities discussion



← [GNAD](#)

**Get informed** of all the initiatives, calls and HE hot topics



← [Contact List - Newsletters](#)



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- EIC - Accelerator

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- EIC – Transition
- EIC - Accelerator

**Alexandre Marques**

[Alexandre.marques@ani.pt](mailto:Alexandre.marques@ani.pt)

- EIT / EIC
- Legal and financial issues

European  
Innovation  
Council



**Get In touch !**

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