



#HorizonEU

THE EU
RESEARCH &
INNOVATION
PROGRAMME 2021 – 27

Horizon Europe structure



Pillar I

EXCELLENT SCIENCE

- European Research Council
- Marie Skłodowska-Curie
- Research Infrastructures



Pillar II

GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

6 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



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 their companies**
- **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

R&I grants
(from early technology
to proof of concept)

TRANSITION

R&I grants
(proof of concept to
pre-commercial)

ACCELERATOR

**Grants & investment (via EIC Fund) for
single SMEs & start-ups**
(from pre-commercial to market & scale-up)

EIC Pathfinder

funds research to develop the **scientific basis** to underpin **breakthrough technologies**

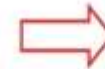
Expected outcome:
Proof of Principle/proof of concept

EIC Pathfinder Open



bottom-up approach with no predefined topics

EIC Pathfinder Challenges



top-down challenge-driven calls for tackling specific technology breakthroughs by portfolios of projects



EIC Pathfinder Open

- early stage development (**TRL 1 – 4**)
- **radically new technology**, with potential to create new markets and/or to address global challenges
- No incremental reasearch
- **Interdisciplinary consortium**
- **Outcome:** Proof of Principle

EIC Pathfinder Open 2023

- Collaborative research: at least 3 independent legal entities (3 out of 3)
- EU contribution: up to 3 M€
- Funding rate: 100 % (RIA)
- Up to 17 pages of the proposal (Part B) → Excellence, Impact and Implementation



EIC Pathfinder Challenges

- **Subject related (top-down) calls**
- TRL 2 – 4
- Building on new, cutting-edge directions in science and technology to disrupt a field and a market or create new opportunities
- Portfolio of projects that explore different perspectives, competing approaches or complementary aspects of the Challenge.

EIC Pathfinder Challenges 2023

- 3 out of 3, single applicants or small consortia (two partners)
- Funding up to 4 M€
- Funding rate: 100% (RIA)
- Up to 25 pages of the proposal (Part B) → Excellence, Impact and Implementation



EIC Transition

innovation activities that go beyond the experimental proof of principle in laboratory

TRL: (3)/4 bis 5/6

Expected outcome:

- maturation and validation from the lab to the relevant application environments
- Development of a business plan

EIC Transition **Open**

EIC Transition **Challenges**

EIC Accelerator: Who can participate?

The EIC Accelerator provides support to start-ups and SMEs with

- breakthrough, high-risk innovations (TRL 5/6)
 - large international market potential
 - European and global ambitions.
- Develop innovations to market maturity
- Start commercialisation
- Blended Finance: grants + investment component

What kind of support do you get?

Grant up to 2.5 million euros (70% funding rate)

Innovation activities: development, demonstration and prototyping, approval, IP, preparatory market launch

Investment of 0.5 - 15 million euros

Financing of the market launch and scale-up



When can you submit?

Anytime:
accelerator.eisma.eu

Step 1

Step 2

Next dates by invitation in 2023:
11th of January, 22nd of March, 7th of June and 4th of October

Step 3

Pitches app. 2 month after submission of full proposal



How can you participate?

Short application
Pitch deck
Pitch video

Step 1

Full application
incl. coaching

Step 2

Step 3

Pitch
interview