



Bundesministerium  
für Bildung  
und Forschung



# EIC Pathfinder und EIC Transition

Der EIC in Horizont Europa

29. November 2022

[nks-eic-pathfinder.de](https://nks-eic-pathfinder.de)





European Commission Decision xxx of DATE

# European Innovation Council (EIC) Work Programme 2023

European  
Innovation  
Council



European Innovation Council (EIC) established by the European Commission, under the Horizon Europe programme (2021-27)

- EIC AP 2023:
- 8. Dezember:  
Veröffentlichung
  - 13. Dezember:  
General Infoday  
on EIC WP 2023  
(open for all)



IDENTIFY

### EIC Pathfinder

Support to research teams to research or develop an emerging breakthrough technology



DEVELOP

### EIC Transition

Building on promising research results to demonstrate and mature the technology and develop business plans for specific applications



SCALE UP

### EIC Accelerator

Funding and investments through the EIC Fund for individual start-ups and small companies to develop and scale up game changing innovations



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# EIC Pathfinder

Förderung  
exzellenzorientierter,  
visionärer und risikoreicher  
Projekte in einem frühen  
Entwicklungsstadium

Grundlagen zukünftiger  
Lösungen

Ziel: Proof of Principle

**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

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- Grundlagenforschung (TRL 1 – 4)
- Radikal neue Technologien mit einem möglichst großen Impact
- Open: Alle Technologien, keine thematische Einschränkung
- Keine inkrementelle Forschung
- Interdisziplinär
- Ziel: Proof of Principle





# EIC Pathfinder Open - Gatekeepers

- Convincing long-term vision of a radically new technology that has the potential to have a transformative positive effect to our economy and society.
- Concrete, novel and ambitious science-towards-technology breakthrough, providing advancement towards the envisioned technology.
- High-risk/high-gain research approach and methodology, with concrete and plausible objectives







# EIC Pathfinder Open - Überblick

- Antragstellung im Konsortium (3 aus 3)
- Zuwendungen bis zu 3 M€\* **pro Projekt**
- Förderquote: 100 %
- Einstufiges Antragsverfahren: Teil B des Antrags max. 17 Seiten

Stichtag im  
März 2023

\* Unter Vorbehalt, es gilt der Text im EIC AP 2023.





# EIC Pathfinder Challenges

- Ziel: Schaffung einer soliden Grundlage für einen neuen oder aufstrebenden Technologiebereich
- TRL 2 - 4
- Top down – Themen werden vorgegeben





# EIC Pathfinder Challenges - Überblick

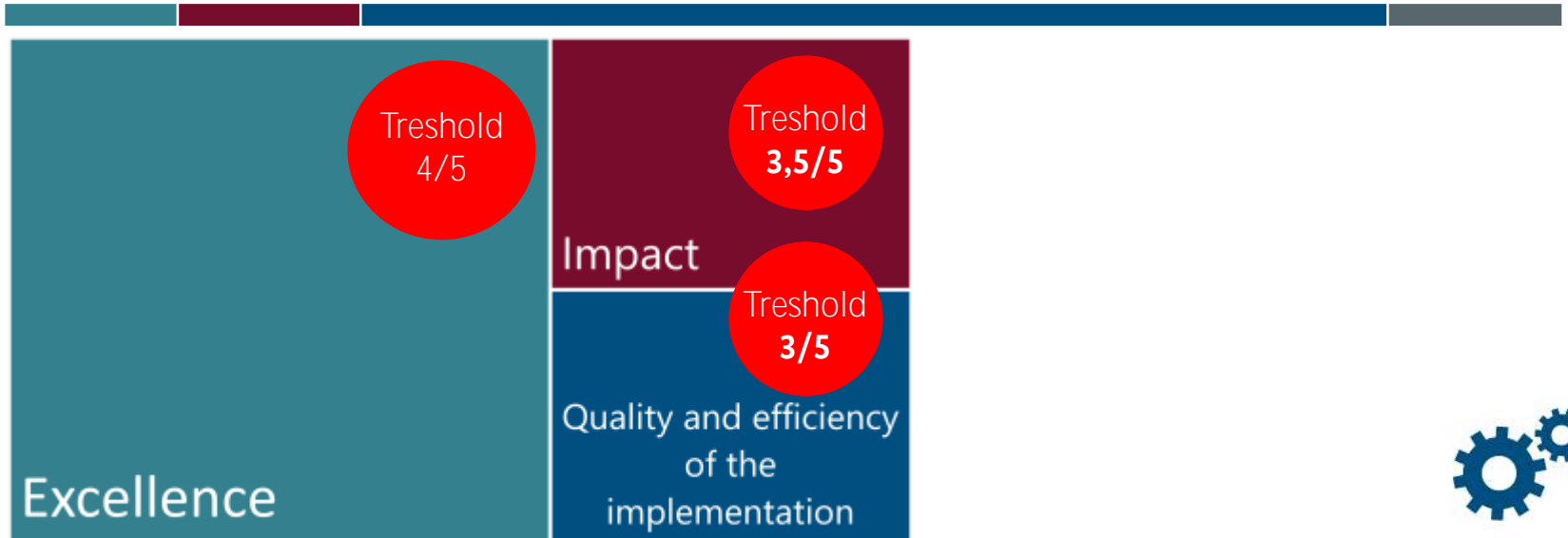
- RIA (100%-Förderung)
- Konsortien: Einzelprojekte oder Verbundprojekte
- Projektvolumen: ca. 4 M€
- Einstufiges Antragsverfahren:  
Teil B des Antrags max. 25 Seiten

Stichtag  
im Oktober  
2023





# EIC Pathfinder – Evaluierung





# Portfolios

Ziel: Austausch, Synergien, Ergänzung

- Exploratory portfolio – seek diversity among the funded projects.
- Targeted impact portfolio – the goal is to build a critical mass for maximal impact, so the projects selected should share many components.
- Complementarity portfolio – projects are selected, which complement each other, so the portfolio as a whole produces a complete result
- Various combinations of the above





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# EIC Transition

Aufgreifen und Weiterentwickeln  
der Ergebnisse aus  
Grundlagenforschung

Mittlerer TRL-Bereich: (3)/4 bis 5/6

Unterstützung von:

- Validierung und Demonstration  
unter Einsatzbedingungen
- Entwicklung eines Businessplans

EIC Transition **Open**

EIC Transition **Challenges**





## EIC Transition - Leitfragen

- Is this novel technology ready for the next steps towards its maturation and validation in some specific, high potential applications?
- Have you performed early exploration of potential markets for your innovation as well as potential competitors?
- Do you envisage building a motivated and diverse team to develop and drive the idea towards commercialisation?







## The two core elements of a Transition proposal



**The starting point** in the project should be a Proof of concept validated in the lab (TRL3/4)

**The technology track**

**The business track**

**The end point** should be a completely functional version of the technology tested or demonstrated in relevant environment (TRL 5-6), supported by a sound and implementable commercialisation strategy.





## EIC Transition 2023 – Förderfähige Ergebnisse aus ...

- EIC Pathfinder Projekten, inkl. EIC Pilot, H2020 FET-Open, FET-Proactive, FET-Flagships, ERANETs aus dem FET Arbeitsprogramm: CHISTERA, QUANTERA, FLAGERA
- European Research Council (ERC) Proof of Concept Projekten
- European Defence Fund (EDF)
- Nur EIC Transition Challenges: weitere Förderinstrumente aus H2020 und HEU



s. Liste im aktuellen EIC Arbeitsprogramm



# EIC Transition Open/Challenges - Überblick

- RIA (100%-Förderung)
- Konsortien: Einzelprojekte oder Verbundprojekte mit bis zu 5 Partnern
- Projektvolumen: bis zu 2,5 M€
- 2-stufiges Antragsverfahren:
  1. Remote-Evaluierung des eingereichten Antrags
  2. Face-to-face Interviews

Stichtage  
im April u.  
September  
2023





# EIC Transition 2023 – Stufe 1 der Evaluierung





# Einzelantragstellung oder Konsortien

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Wählbar bei

- EIC Transition
- EIC Pathfinder Challenges (abhängig vom Topic)





## Mono-beneficiary or apply as small Consortia!

European  
Innovation  
Council



- 2 Beneficiaries
- 2 **different** countries

- 2 independent legal entities from two different Member States or Associated Countries

- 3 Beneficiaries
- 3 **different** countries

- 3 independent legal entities from three different Member States or Associated Countries (of which at least 1 Member state)

- 4 or 5 Beneficiaries
- Min 3 **different** countries

- minimum 3 independent legal entities from minimum 3 different Member States or Associated Countries (of which at least 1 Member State)





# NKS EIC Pathfinder – Kontakt und Links

 [www.nks-eic-pathfinder.de](http://www.nks-eic-pathfinder.de)

 <https://www.eubuero.de/newsletter.htm>

 [@NKS\\_Horizon\\_EU](https://twitter.com/NKS_Horizon_EU)

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[EIC Work Programme 2022](#)



[FAQs](#)

