

EIC Accelerator

Webinar Finlombarda on-line 21/05/2024

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***Horizon Europe competence team:
EIC, EIT, GDPR***

**La presentazione è basata su
materiale della Commissione Europea*



HORIZON EUROPE

EURATOM



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





EIC Pathfinder

Supporting research and deep tech projects with a high degree of scientific ambition and risk.



EIC Transition

Supporting maturation and validation of novel ideas from lab to business. A bridge between research and application development.



EIC Accelerator

Supporting start-ups and small and medium-sized enterprises to develop and scale up to new markets or disrupt existing ones.



RADICAL INNOVATION BREAKTHROUGHS

Radical Innovation Breakthroughs RIBRIs

- | | | | |
|-------------------------------------|--|---|--|
| 1. 2D Materials | 2. 3D Printing of Food | 3. 3D Printing of Glass | 4. 3D Printing of Large Objects |
| 5. 4D Printing | 6. Access Economy | 7. Airborne wind turbine | 8. Alternative Currency |
| 9. Aluminium-based energy | 10. Antibiotic Susceptibility Testing | 11. Artificial Intelligence ← | 12. Artificial Photosynthesis ← |
| 13. Artificial synapse/ brain ← | 14. Asteroid mining | 15. Augmented reality | 16. Automated indoor farming |
| 17. Basic Income | 18. Biodegradable sensors | 19. Bioelectronics | 20. Bioinformatics ← |
| 21. Bioluminescence | 22. Bionics in medicine | 23. Bioplastic ← | 24. Bioprinting ← |
| 25. Blockchain ← | 26. Body 2.0 and the Quantified Self | 27. Brain Function Mapping | 28. Brain Machine Interface |
| 29. Car-free City | 30. Carbon Nanotubes ← | 31. Carbon capture and sequestration | 32. Chatbots |
| 33. Collaborative innovation spaces | 34. Computational Creativity | 35. Computing memory | 36. Control of gene expression |
| 37. Desalination | 38. Driverless | 39. Drug delivery | 40. Emotion recognition |
| 41. Energy Harvesting | 42. Epigenetic change technologies | 43. Exoskeleton | 44. Flexible electronics |
| 45. Flying car | 46. Gamification | 47. Gene Therapy ← | 48. Gene editing |
| 49. Genomic vaccines | 50. Geoengineering: changing landscapes | 51. Graphene Transistors | 52. Harvesting Methane Hydrate |
| 53. High-precision clock | 54. Holograms | 55. Humanoids | 56. Hydrogels |
| 57. Hydrogen fuel | 58. Hyperloop | 59. Hyperspectral imaging | 60. Lab-On-A-Chip |
| 61. Life Caching | 62. Local Food Circles | 63. Marine and tidal power technologies | 64. Metamaterials |
| 65. Microbial fuel cells | 66. Microbiome | 67. Molecular recognition | 68. Molten Salt Reactors |
| 69. Nano-LEDs | 70. Nanowires | 71. Neuromorphic chip | 72. Neuroscience of Creativity and Imagination |
| 73. New Journalist Networks | 74. Optoelectronics | 75. Owning and Sharing Health Data | 76. Plant communication |
| 77. Plastic Eating | 78. Precision farming | 79. Quantum Computers | 80. Quantum Cryptography |
| 81. Read/Write Culture | 82. Regenerative medicine | 83. Reinventing Education | 84. Reprogrammed human cells |
| 85. Self-healing materials | 86. Smart Tattoos | 87. Smart windows | 88. Soft robot |
| 89. Speech Recognition | 90. Spintronics | 91. Splitting carbon dioxide | 92. Swarm robotics |
| 93. Targeting cell death pathways | 94. Technologies for disaster preparedness | 95. Thermoelectric paint | 96. Touchless gesture recognition |
| 97. Underwater living | 98. Warfare drones | 99. Wastewater nutrient recovery | 100. Water Splitting |



EIC Accelerator **Open**



to support **projects in any field** of science, technology or application without predefined thematic priorities ('bottom-up')

EIC Accelerator **Challenges**



to support projects within **predefined thematic areas** with the aim to achieve specific objectives for each Challenge

Anche nell'OPEN teniamo sempre presente che il programma si sostiene Innovazioni radicali



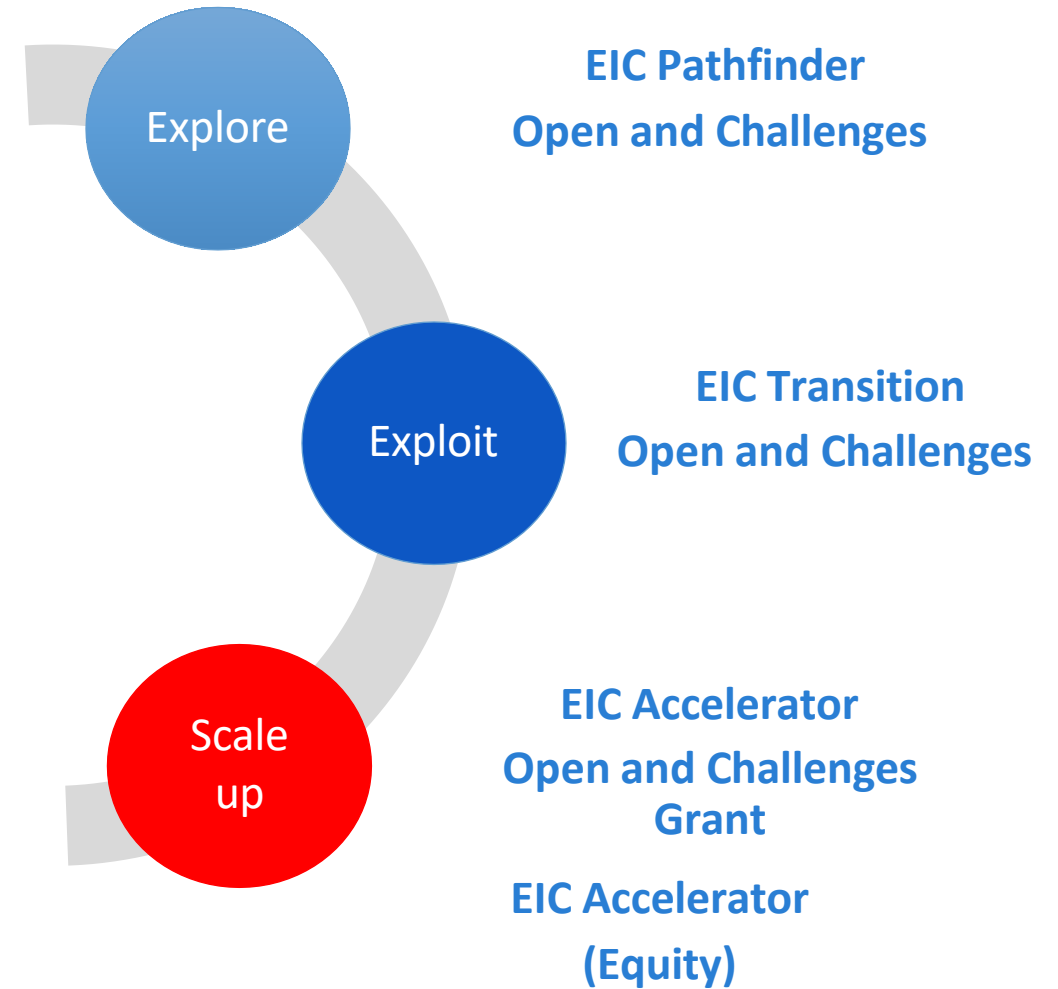
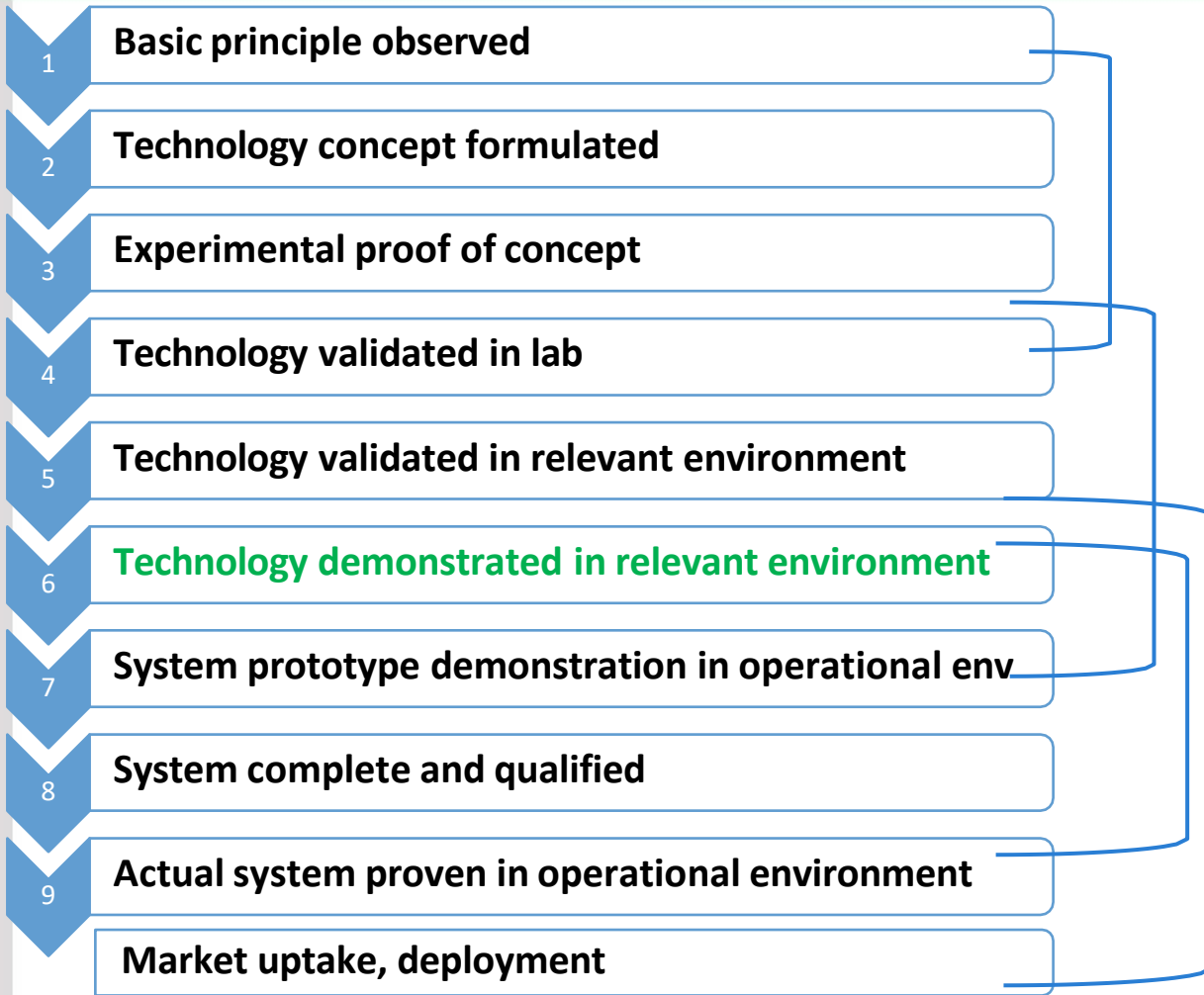
A chi si rivolge EIC Accelerator?

Singole PMI/start up ad alto rischio e con elevato potenziale di crescita

Idee dirompenti, radicali, deep tech, agli ultimi stadi di sviluppo prima dello scaling up

Innovazioni per cui sono necessari finanziamenti significativi per un lungo periodo di tempo e sono troppo rischiose per i soli investitori privati





The EIC Instruments and the TRL



Chi può applicare all'EIC Accelerator

**STRUMENTO
MONOBENEFICIARIO**

SINGLE SME
(max 250 employees, not
subsidiary/majority owned by large
company)

SMALL MID-CAPS
(up to 500 employees) – for rapid
scale up and investment
component only

**Natural person(s) willing to set up
SME**
(natural person can apply on behalf of
the SME which intends to establish in
the EU)



Grant component

- maximum of less than **€ 2.5 million**
- eligible costs are reimbursed up to a maximum of **70%**
- small mid-caps are not eligible for a grant only



Investment component

- € 0.5 million and **maximum € 15 million**
- usually in the form of direct **equity** or quasi-equity
- **minority ownership** (maximum 25% of the voting shares of the company)
- **“patient capital” principle** (7-10 years perspective on average, max 15 years)



EIC Accelerator – funding options

European
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Grant only

If you can prove that you have sufficient financial means for deployment and scale-up (TRL 9)

Grant & Investment

If you need support for development (TRL 5/6 → 8), deployment and scale-up (TRL 9)

Investment Only

If you are looking to fill the funding gap for rapid scale-up of your high-risk innovation and you don't need a grant (previous grant received)



EIC Accelerator overview 2024

	Accelerator Open	Accelerator Challenges
Total budget	€375 million	€300 million
Proposals (indicative)	Up to €2.5 million grant + up to €15 million equities	
Funding rate	70% of eligible costs	70% of eligible costs
Opening	3 January 2024	3 January 2024
Deadlines	13 March 2024 at 17.00 CET 3 October 2024 at 17.00 CET	13 March 2024 at 17.00 CET 3 October 2024 at 17.00 CET
Application process	Short proposal + full proposal + interview	
Applicants	Single company (SME or mid-cup) in MS/AS One or more natural persons from MS/AS	



EIC Accelerator: 2024 cut-off dates

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Short proposal evaluation

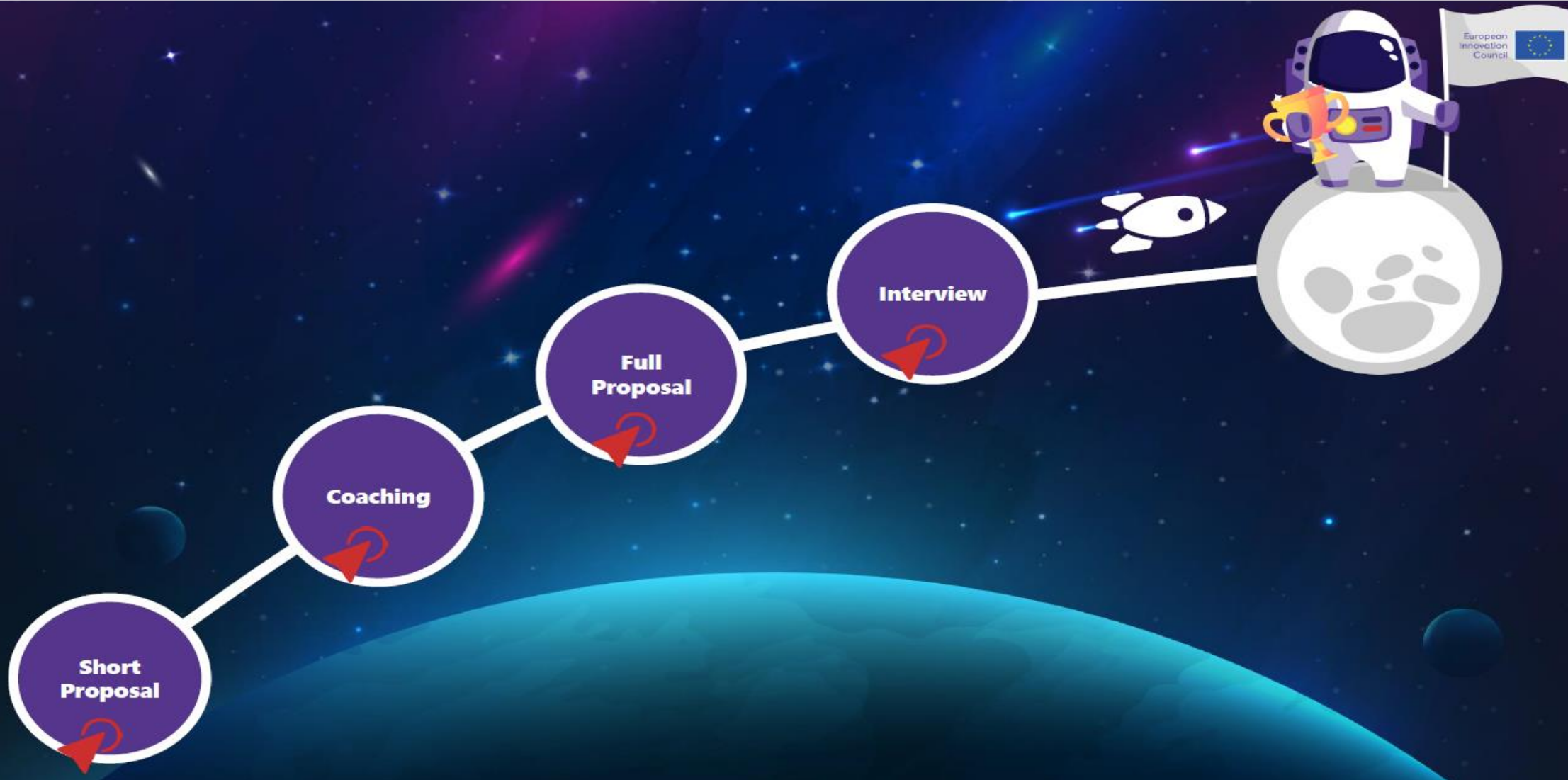
Submit any time during the year
Feedback within 4-6 weeks

Full proposal - cut off

Date when a round of evaluations
of **full proposals** start

Full proposal evaluation

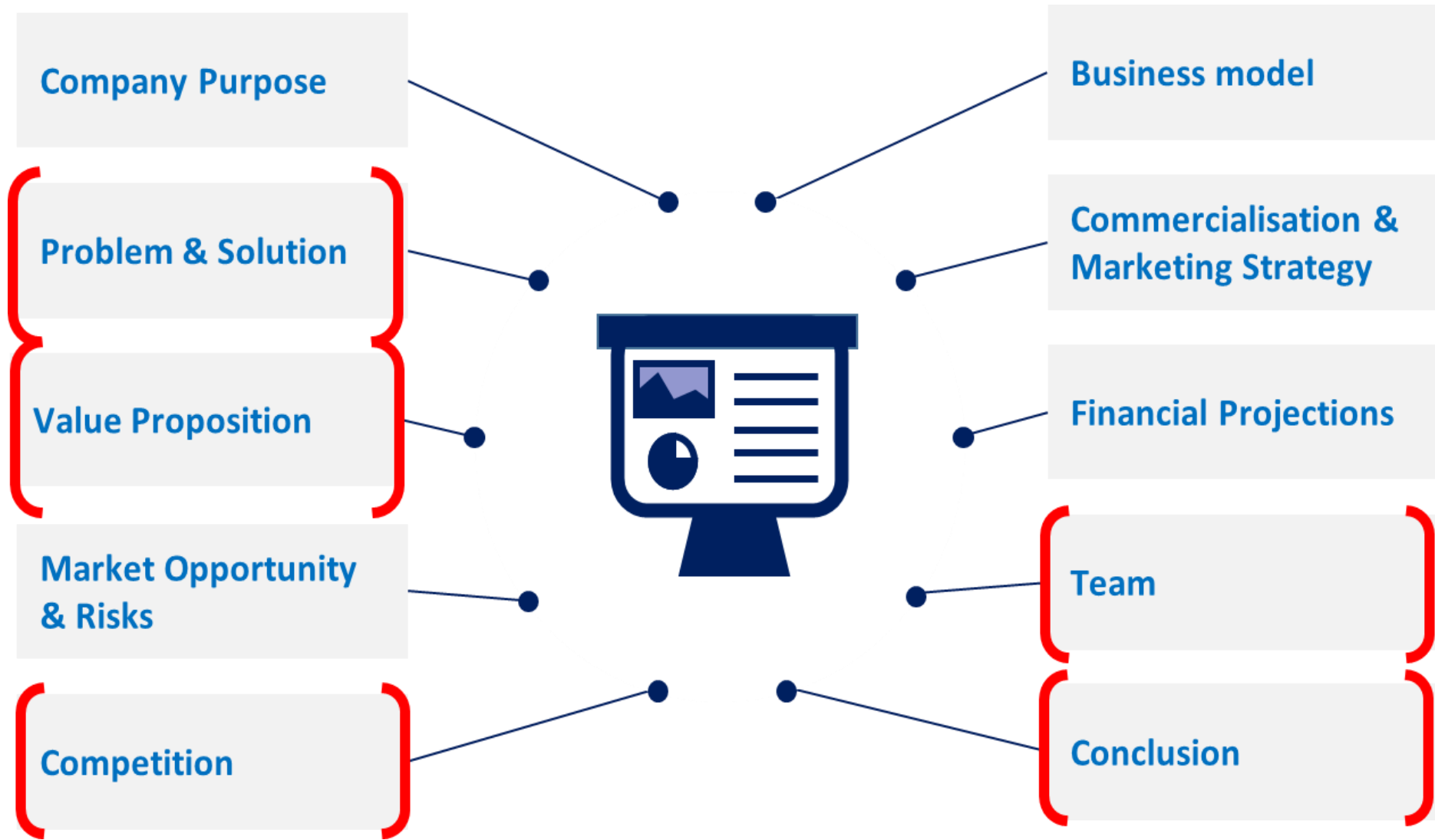
Cut-off	Interview weeks (tentative)
13 March 2024	10-14 June 2024
3 October 2024	13-17 January 2025





The structure of the part B is shown below in the left column, you can see the related evaluation criteria in the right column.

Table of content		Main evaluation criteria addressed
APPLICANT'S INFORMATION		
SHORT PROPOSAL		
1	COMPANY DESCRIPTION	EXCELLENCE
2	THE PROBLEM/OPPORTUNITY	
3	THE INNOVATION: SOLUTION/ PRODUCT OR SERVICES (USP)	
4	MARKET ANALYSIS AND COMPETITION ANALYSIS	IMPACT
5	BROAD IMPACT	
6	TEAM AND MANAGEMENT	LEVEL OF RISK, IMPLEMENTATION AND NEED FOR UNION SUPPORT
7	THE FUNDING REQUEST	





Allegato: Video

Durata massima: 3 minuti

Membri principali del team (fino a tre persone)

Illustrazione dell'innovazione e motivazione principale alla base della candidatura



- ▣ Costruiamo il video in modo semplice
- ▣ Obiettivo: mostrare il team che sta dietro l'idea/proposta
- ▣ Evidenziamo la motivazione dell'azienda verso la crescita: è possibile includere futuri membri del team o presentare il piano per acquisire le risorse



The structure of the part B is shown below in the left column, you can see the related evaluation criteria in the right column.

Part B – Table of content		Main evaluation criteria addressed
EXECUTIVE SUMMARY		
PART 1 – BUSINESS CASE		
1	COMPANY DESCRIPTION	EXCELLENCE
2	THE PROBLEM/OPPORTUNITY	
3	THE INNOVATION: SOLUTION/ PRODUCT OR SERVICES (USP)	
4	MARKET ANALYSIS AND COMPETITION ANALYSIS	IMPACT
5	MARKETING AND SALES PLAN	
6	TEAM AND MANAGEMENT	LEVEL OF RISK, IMPLEMENTATION AND NEED FOR UNION SUPPORT
7	RISKS	
8	FINANCIAL PLAN	
PART 2 – EIC SPECIFIC INFORMATION		
9	IMPLEMENTATION PLAN	LEVEL OF RISK, IMPLEMENTATION AND NEED FOR UNION SUPPORT
10	HOW EU SUPPORT TAKES THE COMPANY TO THE NEXT VALUE POINT	
11	THE FUNDING REQUEST	
12	BROAD IMPACT	IMPACT



Write your FULL Proposal

Application



VIDEO


You may choose to submit the same video as in the short proposal stage or you can upload a new one.



ADDITIONAL DOCUMENTS

Financial information, Mandatory data and consent, Freedom to Operate Analysis, Data Management plan, Letters of Intent, CVs of key personnel, 10-page max of any other relevant documentation. For applicants applying to the Challenge 1 and 3b or open proposals relating to these areas, you will be asked to upload an ownership and control declaration.



	Short proposal id *					
	Proposal title					
	Company Name					
	<i>Please fill in the form (yellow fields) with figures for your company, except for the financial highlights table (data for project only).</i>					
	<i>DO NOT CHANGE THE HEADINGS, ANY FORMULA OR ADD ANY ROW/COLUMN . You can also use graphs to illustrate the data provided in the tabl</i>					
Project Data	FINANCIAL HIGHLIGHTS for your innovation (not your company)	Year N	Year N+1	Year N+2	Year N+3	Year N+4
	Market Share (%)					
	Units sold (#s)					
	Revenues (k€)					



		Actual (If applicable)	Forecasts			
		Year N	Year N+1	Year N+2	Year N+3	Year N+4
Company Data	PROFIT & LOSS					
	Revenue (Turnover)					
	Gross Margin (Gross Operating Profit)					
	Selling, General and Administrative expenses					
	R&D expenses					
	Other operational expenses					
	EBITDA	0,00	0,00	0,00	0,00	0,00
	Interest					
	Depreciation					
	Other revenues/expenses (including grants)					
	EBT	0,00	0,00	0,00	0,00	0,00
	Taxes					
Net Operating Profit After Tax	0,00	0,00	0,00	0,00	0,00	
Company Data	CASHFLOWS	Year N	Year N+1	Year N+2	Year N+3	Year N+4
	Cashflows from operating activities (net)					
	Cashflows from investing activities (net)					
	Cashflows from financing activities (net)	0,00	0,00	0,00	0,00	0,00
	<i>of which:</i>					
	Proceeds from grants					
	Proceeds from issuance of debt					
	Repayment of debt					
	Proceeds from issuance of equity					
	Dividends					
Net increase/decrease in cash and cash equivalents	0,00	0,00	0,00	0,00	0,00	



The selection process in a nutshell

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- The **Accelerator evaluation process** is composed of the **following phases**:
 - **Screening of short proposals**: performed by remote evaluators, which leads to a GO or NO-GO to the next evaluation stage,
 - **Evaluation of full proposals**, performed by remote evaluators, which leads to a GO or NO-GO to the next evaluation stage,
 - **Interviews with participation of Jury Members** which leads to establishing the list of GO (funded) and NO-GO (non-funded) proposals



EIC Accelerator - Sintesi delle principali novità 2024

- ❏ Non esiste più la forma di sostegno «GRANT FIRST», ma i beneficiari del «BLENDED FINANCE» possono iniziare con la componente di GRANT e la decisione sulla componente di EQUITY verrà presa in un momento successivo
- ❏ Valutazione di tutte le fasi in un'unica piattaforma
- ❏ I criteri per superare la fase di **SHORT** richiedono **3 GO su 4** da parte dei valutatori
- ❏ Introduzione di **CONSENSUS MEETING** in caso di opinioni divergenti tra i valutatori → se 2 dei 3 valutatori danno un GO, ci sarà un consensus meeting per valutare se il candidato sarà invitato ad un'intervista
- ❏ Il criterio di valutazione dell'Excellence comprende un elemento di valutazione dell'eccellenza dell'azienda.
- ❏ L'introduzione del modello di **LUMP SUM** eliminerà gli obblighi di rendicontazione finanziaria per i beneficiari.



LIMITAZIONE nella RESUBMISSION

🏷️ Limitazioni al numero di proposte sottomesse da parte di un singolo soggetto giuridico. Queste limitazioni si applicano anche alle proposte presentate attraverso Fast Track o Plug In.

🏷️ **Dopo 3 sottomissioni** non andate a buon fine in qualsiasi fase del processo (Short- Full) e per qualsiasi forma di supporto (Challenge, Open, Grant only, Blended finance, Equity only), un candidato non può presentare nuovamente domanda all'EIC Accelerator;

**Il numero di proposte presentate negli anni precedenti dallo stesso richiedente non sarà preso in considerazione*

***I candidati devono tenere conto del feedback sulla loro precedente domanda e ripresentare la domanda solo se hanno apportato miglioramenti significativi.*

EIC Accelerator WP 2024 novelties

New Challenges

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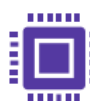





1. Human Centric Generative AI
2. Virtual worlds and augmented interaction, including support to Industry 5.0
3. Enabling the smart edge & quantum technology components
4. Food from precision fermentation and algae
5. Monoclonal antibody-based therapeutics for emerging viruses
6. Renewable energy sources and their whole value chain



EIC ACCELERATOR CHALLENGES 2024

ACCELERATOR CHALLENGES

	Human Centric Generative AI made	€ 50 million
	Enabling virtual worlds and augmented interaction including support to Industry 5.0	€ 50 million
	Enabling the smart edge and quantum technology components	€ 50 million
	Food from precision fermentation and algae	€ 50 million
	Monoclonal antibody-based therapeutics for new variants of emerging viruses	€ 50 million
	Renewable energy sources and the whole value chain	€ 50 million
Indicative call budget		€ 300 million

Infoday on Accelerator Challenges with Programme Managers on 16/01/2024

EIC Accelerator Open Indicative budget
€ 375 million



Which EIC topic do you want to apply for?

1. EIC Accelerator Open

2. EIC Accelerator Challenges 2024:

2.1 Human Centric Generative AI made in Europe

2.2 Enabling virtual worlds and augmented interaction in high-impact applications to support the realisation of Industry 5.0

2.3 Enabling the smart edge and quantum technology components

2.4 Food from precision fermentation and algae

2.5 Monoclonal antibody-based therapeutics for new variants of emerging viruses

2.6 Renewable energy sources and their whole value chain including materials development and recycling of components

In case you opt for an EIC Challenge, describe how your application fits within the scope of the Challenge and how it will meet the expected outcomes and impacts.

Executive Summary — approx. 2 pages

Prepare an executive summary of maximum 2 pages.



EIC Accelerator challenges: qualche dato

Name of the EIC Accelerator Challenge	Target budget (from the work programme)	Number of proposals				Number of projects with a "go" (Mar- Jun)	Allocated funding (Mar - Jun)		
		Mar 2023	Jun 2023	Nov 2023	Total		Grants	Equity	Total
		Aerosol and surface decontamination for pandemic management	€ 65 million	5	7		7	19	0
Customer-driven, innovative space technologies and services	€ 65 million	12	8	25	45	3	€ 6 109 671.5	€ 15 000 000	€ 21 109 671.5
Emerging semiconductor or quantum technology components	€ 100 million	17	22	41	80	8	€ 19 179 602.55	€ 61 100 000	€ 80 279 602.55
Energy storage	€ 100 million	12	20	49	81	3	€ 7 499 998	€ 14 684 521	€ 22 184 519
New European Bauhaus and Architecture, Engineering and Construction digitalisation for decarbonization	€ 65 million	6	19	31	56	2	€ 4 421 680.75	€ 7 435 512.5	€ 11 857 193.25
Novel biomarker-based assays to guide personalised cancer treatment	€ 65 million	8	8	35	51	1	€ 2 500 000	€ 5 000 000	€ 7 500 000
Novel technologies for resilient agriculture	€ 65 million	23	23	56	102	5	€ 10 547 274.63	€ 8 900 000	€ 19 447 274.63



Implementation: EIC Accelerator

European
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Council



2021-2022

EIC Accelerator

2023

> 8000 short applications (apply anytime)

> 5000 full applications (Open + Challenges)
1081 invited to **interview**

392 companies selected

~€860 million grant funding
~€1.4bn investment (EIC Fund)

~ 2700 short applications (apply anytime)

~2750 full applications (Open + Challenges)
438 invited to **interview***

130 companies selected*

~€300 million grant funding
~€500 million investment (EIC Fund)

**November cut off not included*



European Innovation Council 

ACCELERATING DEEP TECH IN EUROPE

The European Innovation Council
IMPACT REPORT 2023






**EIC
TECH REPORT**




2023

KEY IMPACTS IN SUPPORT OF DEEP TECH INNOVATION **2023**





HORIZON EUROPE EIC PORTFOLIO

-  **OVER 500** start-ups
-  **275** advanced research projects
-  **140** projects commercialising research results

PORTFOLIO ANALYSIS

-  **100** investment rounds supported by the EIC Fund
-  co-investments from other investors **280**
- Investment mobilised **€1.2bn**
-  leveraging over **3.5** euro of additional investment for each euro of direct investment through the EIC Fund

CRITICAL TECHNOLOGY AREA

- OVER €500m**
 ARTIFICIAL INTELLIGENCE TECHNOLOGIES
- ~€500m**
 QUANTUM TECHNOLOGIES AND SEMICONDUCTORS
- OVER 150 projects**
 ADVANCED MATERIALS
- OVER ~€350m**
 BIOTECHNOLOGY AND HEALTHCARE BIOTECH



Segue l'approccio standard il più possibile.

Abbiamo gli stessi: modelli, criteri di valutazione, schema di pagamento relazioni tecniche

Una quota forfettaria per Work Package e beneficiario

Rendicontazione finanziaria molto semplice

Quote forfettarie pagate al completamento di ciascun Work Package

	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	Total
Beneficiary A	250.000			50.000	300.000	250.000		300.000	1.150.000
Beneficiary B		250.000	350.000	50.000			100.000	150.000	900.000
Beneficiary C	100.000	100.000		50.000		280.000			530.000
Beneficiary D		120.000		50.000			100.000	150.000	420.000
Total	350.000	470.000	350.000	200.000	300.000	530.000	200.000	600.000	3.000.000

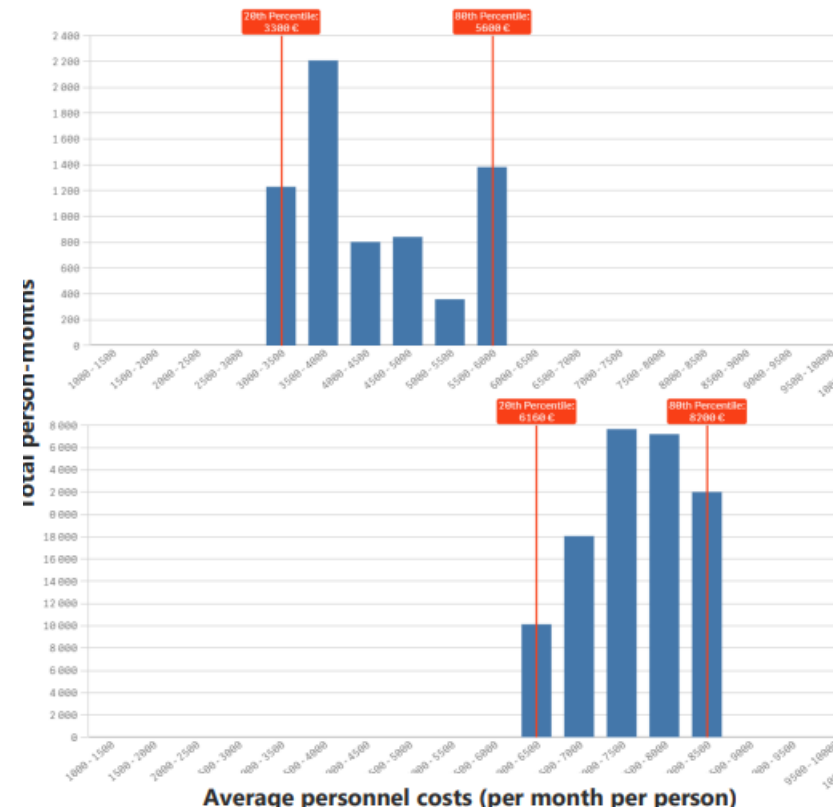
Diagram illustrating the distribution of a lump sum grant. The table shows the amount allocated to each beneficiary for each Work Package (WP1-WP8) and the total amount for each beneficiary and the overall total. The total grant amount is 3,000,000. The diagram shows that the total grant amount is divided into shares for each beneficiary, and each beneficiary's share is further divided into shares for each Work Package. A box indicates that the Lump sum = Maximum grant amount.

Le stime dei costi devono essere un'approssimazione dei costi effettivi.

Devono essere ragionevoli/non eccessivi

- non devono essere accurati come devono esserlo i costi reali

- I valutatori utilizzeranno la dashboard per garantire che i budget siano ragionevoli e non eccessivi.
- Per ogni combinazione di Paese e tipo di organizzazione selezionata, la dashboard visualizza la distribuzione tra il 20° e l'80° percentile e la mediana dei costi del personale costi del personale.



Personnel costs for
**Research Organisations
in Romania**

Personnel costs for
**Research Organisations
in Germany**



SUMMARY

Stessi criteri di valutazione standard: eccellenza, impatto e attuazione.- Le stime dei costi saranno valutate in base al criterio di attuazione.

I valutatori:

- si assicureranno che le stime dei costi siano ragionevoli e non eccessive
- valutano se le risorse proposte e la suddivisione dell'importo forfettario consentono di completare le attività descritte nella proposta
- se i valutatori trovano costi sovrastimati o sottostimati, formulano raccomandazioni concrete sul budget. Ciò si rifletterà in una modifica dell'importo forfettario (complessivo o per WorkPackage)
- le modifiche al budget di solito non comportano una riduzione del punteggio (tranne nel caso in cui ci siano problemi importanti con il budget)



European Innovation Council: https://eic.ec.europa.eu/eic-funding-opportunities/eic-pathfinder_en

Deep Tech Europe Report: <https://ec.europa.eu/easme/en/news/deep-tech-europe-report-key-numbers-eic-performance>

Access2eic → <https://access2eic.eu/>

EIC FUND → https://eic.ec.europa.eu/eic-fund_en

DASHBOARD -- > [Funding & tenders \(europa.eu\)](#)



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