

21/2023. Il notiziario della ricerca

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EVENTI INFORMATIVE/FORMATIVE

5 Settembre 2023. Webinar 10.00-12.30. “ERC Starting Grant 2024: come scrivere una proposta competitiva”

Evento on-line. Descrizione del bando ERC Starting Grant call 2024 e analisi dei requisiti e delle componenti che costituiscono una proposta competitiva. Segue una sessione Q&A.

Partecipazione al webinar disponibile a questo [link](#).

12 Settembre 2023. Webinar 10.00-12.30. “ERC Synergy Grant 2024: come scrivere una proposta competitiva”

Evento on-line. Descrizione del bando ERC Synergy Grant call 2024 e analisi dei requisiti e delle componenti che costituiscono una proposta competitiva. Segue una sessione Q&A.

Partecipazione al webinar disponibile a questo [link](#).

26-27 Settembre 2023. EC-Info day Horizon Europe. Info Day Cluster 6

La Commissione europea ha annunciato la prossima edizione delle giornate informative sul Cluster 6 di Horizon Europe (Food, Bioeconomy, Natural Resources, Agriculture and Environment), che si terranno in modalità ibrida (a Bruxelles e online) tra il 27 e il 28 settembre 2023, insieme a un evento di brokerage in presenza il 26 settembre 2023.

Le giornate mirano a presentare i topic di ricerca sui temi "Cibo, Bioeconomia, Risorse naturali, Agricoltura e Ambiente" del programma di lavoro 2024 del Cluster 6, nonché sensibilizzare sui fattori

chiave nel processo di candidatura, offrire opportunità per fare rete e incontrare potenziali partner per la costruzione di consorzi.

Registration at this [link](#)

3 Ottobre 2023. Webinar 10.00-12.30. “ERC Consolidator Grant 2024: come scrivere una proposta competitiva”

Evento on-line. Descrizione del bando ERC Consolidator Grant call 2024 e analisi dei requisiti e delle componenti che costituiscono una proposta competitiva. Segue una sessione Q&A.

Partecipazione al webinar disponibile a questo [link](#).

11-12 Ottobre 2023. EC-Info Day Horizon Europe. Info Day Cluster 4

L'11 e il 12 ottobre 2023 si terranno online gli info days sulle opportunità di finanziamento dei bandi 2024 del Programma di lavoro 2023-2024 del Cluster 4 di Horizon Europe. Gli eventi mirano a presentare le tematiche della call, le modalità di valutazione e di selezione, con l'opportunità di partecipazione attiva da parte dei potenziali candidati.

Nell'ambito del Pilastro II di Horizon Europe, il Cluster 4 si concentra sul digitale, sull'industria e sullo spazio e mira a favorire una produzione circolare e digitalizzata, accrescere la resilienza delle catene del valore strategiche, sviluppare un'autonomia strategica aperta e tecnologie competitive per il Green Deal.

Registration at this [link](#)

17 Ottobre 2023. EC-Info Day Horizon Europe. Info Day Cluster 5

Il 17 ottobre 2023 si terrà l'evento Virtual Horizon Europe Cluster 5 Info Day.

Il webinar presenterà i temi di ricerca e innovazione proposti per il 2024 nell'ambito del Programma di lavoro 2023-2024 del Cluster 5 di Horizon Europe, che si occupa di clima, energia e mobilità.

L'evento darà l'opportunità ai potenziali candidati di saperne di più sulle opzioni di finanziamento del programma per il 2024, che si concentra su due transizioni verdi e digitali per raggiungere la neutralità climatica in Europa entro il 2050.

Registration at this [link](#)

NUOVI BANDI DI FINANZIAMENTO ALLA RICERCA

FONDAZIONI

Fondazioni CARIPLO e Compagnia di San Paolo

Fondazione CARIPLO e Fondazione CDP hanno lanciato una iniziativa di “Supporto ai giovani talenti italiani nelle competizioni dell'European Research Council” – edizione 2023.

I progetti da presentare per il bando dovranno:

- riferirsi a ricercatori ammessi alla seconda fase di valutazione delle competizioni Starting Grant e Consolidator Grant 2022 promosse dall'ERC, ma non vincitori;
- prevedere un piano di lavoro volto a rafforzare il profilo del candidato, ai fini della presentazione di una nuova candidatura all'ERC.

La dotazione complessiva del bando è di 1.800.000,00 euro e, a seguito di una valutazione di merito, saranno selezionati 12 progetti, con un contributo massimo di 150.000 euro e con copertura del 100% dei costi ammissibili.

Durata massima dei progetti: 24 mesi.

Importante: Si segnala che comporterà l'esclusione dal finanziamento l'ottenimento di un ERC Grant successivamente alla candidatura al bando e prima della partenza effettiva del progetto.

Scadenza: 26 luglio 2023

Maggiori informazioni a questo [link](#)

Fondazioni Human Technopole

E' aperto il bando per la preselezione di esperti di comprovata qualificazione professionale per la successiva costituzione della Commissione indipendente di valutazione permanente, per la valutazione delle richieste di accesso alle Piattaforme Nazionali realizzate presso la Fondazione Human Technopole (HT).

Rientrano tra i destinatari del presente Avviso le scienziate e gli scienziati di chiara fama impegnati nei seguenti campi:

- Genomica di popolazione e funzionale
- Trascrittomica
- Biologia strutturale
- Biologia ed evoluzione del cancro
- Microscopia ottica e analisi delle immagini
- Biologia computazionale
- Epidemiologia
- Omica o omica a singola cellula
- Epigenomica

Scadenza: 02/09/2023

Maggiori informazioni a questo [link](#)

NAZIONALI

BI-REX (Big Data and Research Excellence) - Nuovo Bando 2023

BI-REX ha pubblicato il nuovo invito a presentare proposte che mette a disposizione delle aziende italiane **9.3 milioni di €** per realizzare progetti di ricerca industriale o sviluppo sperimentale, in **8 aree tematiche Industria 4.0**.

Si può presentare domanda dal 12 luglio alle ore 14 del 30 agosto 2023, esclusivamente attraverso la piattaforma on-line PICA.

Le **aree tematiche** coperte sono:

- Big Data
- Smart Products
- ICT per macchine e linee di produzione
- Sistemi avanzati di gestione dei processi e produzione
- Security & Blockchain
- Additive & Advanced Manufacturing
- Robotica collaborativa, warehousing and AGV
- Sostenibilità e Responsabilità sociale

Ogni progetto potrà avere una durata massima di 18 mesi e ricevere un cofinanziamento fino a 400.000 €. La documentazione completa è scaricabile [qui](#).

Il bando, finanziato dall'Unione europea-Next Generation EU, si iscrive nel quadro del PNRR.

Scadenza: 30/08/2023

La documentazione completa è scaricabile [qui](#)

EUROPEI

European Defence Fund (EDF)

European Commission has opened 7 calls for proposals covering a total of 34 topics and addressing a wide range of defence technologies and capabilities under the European Defence Fund. These calls will enable a number of major research projects, from Defence medical response, Chemical Biological Radiological Nuclear (CBRN) and cyber security to space and naval combat. This year, 69 and 50 million € will be dedicated to sensors and High-performance materials respectively, 40 million € will be

allocated to research on CBRN, 25 Million € to Energy and environment and 41 million € to novel technologies for defence applications. These calls for proposals will also support SMEs and more generally innovation and disruptive technologies.

Deadline: 22/11/2023

Additional info on the calls are available here: [factsheet](#), [workprogramme](#), [calls details](#).

Green ERA-Hub (GEH)

The Call Scope is the contribution towards a sustainable and resilient agri-food system. Proposed projects can include approaches for organic farming and/or food as well as conventional approaches.

Type of action: Joint Program Initiatives

Topics:

- Topic 1: Enhance fertilizer efficiency and reduce fertilizer use
- Topic 2: Increase European protein self-sufficiency
- Topic 3: Mitigate GHG emissions in agricultural and food system
- Topic 4: Sustainable energy use and production in agri-food systems

Deadline pre-registration: 20 July 2023

Deadline full proposal: 7 Sept 2023

More info at this [link](#)

EC Biodiversa+ 2023 - 2024 joint call

Biodiversa+ is the European Biodiversity Partnership supporting excellent research on biodiversity with an impact for society and policy. It was jointly developed by BiodivERsA and the European Commission as part of the EU Biodiversity Strategy 2030, and will contribute to the ambition that “by 2030, nature in Europe is back on a path of recovery, and that by 2050 people are living in harmony with Nature”

Biodiversa+ next joint call for research will be on Nature-based Solutions. Nature-based solutions are understood as ‘actions to protect, conserve, restore, sustainably use and manage natural or modified terrestrial, freshwater, coastal and marine ecosystems, which address social, economic and environmental challenges effectively and adaptively, while simultaneously providing human well-being, ecosystem services and resilience and biodiversity benefits’ (UNEA/EA.5/Res.5).

Biodiversa+ dedicated action area on Nature-based Solutions is [here](#).

This call will be embedded in the [flagship program](#) “Better knowledge to develop, deploy and assess nature-based solutions” and will be co-funded by the European Commission.

Indicative timing:

- Summer 2023: Official pre-announcement of the call, with further information on its topic and the themes that it will address
- September 2023: Launch of the BiodivNBS call
- November 2023: Deadline for the submission of pre-proposals

More info at this [link](#).

Research Fund for Coal & Steel (RFCS)

Under the Research Fund for Coal and Steel (RFCS), the European Commission funds research on:

- New, sustainable and low-carbon steelmaking and finishing processes
- Advanced steel grades and applications
- The conservation of resources, protection of the environment and circular economy
- The management of workforce and working conditions.

Overall budget 40Mio€: 27,2% for projects on carbon and 72,8% for projects on steel

Deadline: 20/09/2023

More info at this [link](#).

Innovative Health Initiative (IHI): IHI calls 4 and 5

IHI plans to launch next two calls for proposals in summer 2023. The draft topic texts are reported below, in advance of the official call launch, to give potential applicants additional time to start building a consortium and drafting a proposal.

IHI call 4 (two-stage call)

- Expanding translational knowledge in minipigs: a path to reduce and replace non-human primates in non-clinical safety assessment
- Patient-centric blood sample collection to enable decentralised clinical trials and improve access to healthcare
- Inclusive clinical studies for equitable access to clinical research in Europe
- Establishing novel approaches to improve clinical trials for rare and ultra-rare diseases
- Safe & sustainable by design (SSbD) packaging and single use device solutions for healthcare products
- Sustainable circular development and manufacturing of healthcare products and their quantitative environmental impact assessment

IHI call 5 (single-stage call)

- Accelerating the implementation of new approach methodologies and other innovative non-animal approaches for the development, testing and production of health technologies
- Development and proof of principle of new clinical applications of theranostics solutions
- Improved prediction, detection, and treatment approaches for comprehensive stroke management
- Maximising the potential of synthetic data generation in healthcare applications

Details of the calls opening soon are available at this [link](#).

HORIZON EUROPE

European Research Council – ERC

The ERC's 2024 Work Programme has been adopted by the European Commission. The plan includes new elements in the assessment of research proposals and candidates' CVs, and in the evaluation process. It also introduces lump sum funding in Advanced Grants and makes changes in the structure of evaluation panels. The call calendar is the following:

2024	Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant	Proof of Concept Grant
call opens	11/07/2023	12/09/2023	29/05/2024	12/07/2023	16/11/2023
Deadline	24/10/2023	12/12/2023	29/08/2024	08/11/2023	14/03/2024 17/09/2024

Detailed info are available here: [ERC Workprogramme 2024](#), [major changes introduced in the ERC calls 2024](#).

European Innovation Council (EIC)

EIC Pathfinder Challenges aim to build on new, cutting-edge directions in science and technology to disrupt a field and a market or create new opportunities by realising innovative technological solutions grounded in high-risk/high-gain research and development.

With each specific Challenge, a portfolio of projects will be established that explore different perspectives, competing approaches or complementary aspects of the Challenge. The complexity and high-risk nature of this research will require multi-disciplinary collaborations.

You should apply if you have a potential cutting-edge project that would contribute to the specific objectives of the respective Challenge. Specifically, your project must aim to deliver by its end the

expected outcomes defined in the respective Challenge. Project results should also include top-level scientific publications as well as an adequate formal protection of the generated intellectual property (IP).

Topics of the EIC Pathfinder Challenge 2023:

- Clean and efficient cooling
- AEC digitalisation for a new triad of design, fabrication, and materials
- Precision Nutrition
- Responsible Electronics
- In-space solar energy harvesting for innovative space applications.

Deadline: 18/10/2023

More info at this [link](#)

BANDI DI FINANZIAMENTO ALLA RICERCA ANCORA APERTI NAZIONALI e REGIONALI

MISE - Progetti di ricerca, sviluppo e innovazione per la transizione ecologica e circolare negli ambiti del Green New Deal italiano.

L'intervento sostiene progetti di ricerca, sviluppo e innovazione, coerenti con gli ambiti di intervento del Green New Deal italiano, con particolare riguardo agli obiettivi di:

- decarbonizzazione dell'economia
- economia circolare
- riduzione dell'uso della plastica e sostituzione della plastica con materiali alternativi
- rigenerazione urbana
- turismo sostenibile
- adattamento e mitigazione dei rischi sul territorio derivanti dal cambiamento climatico

L'intervento prevede la concessione di agevolazioni finanziarie a sostegno dei progetti di ricerca, sviluppo e innovazione per la transizione ecologica e circolare a sostegno delle finalità del "Green New Deal italiano". Il bando si rivolge a Imprese di qualsiasi dimensione che esercitano attività industriali, agroindustriali, artigiane, di servizi all'industria e centri di ricerca, che presentano progetti singolarmente o in forma congiunta.

Le imprese accedono alle agevolazioni secondo due distinte procedure:

- a sportello, per i programmi di importo non inferiore a 3 milioni e non superiore a 10 milioni di euro, con un massimo di tre imprese partecipanti
- negoziale, per i programmi di importo superiore a 10 milioni e non superiore a 40 milioni di euro, con un massimo di cinque imprese partecipanti.

Le imprese possono presentare la domanda esclusivamente on line, anche in forma congiunta, dal lunedì al venerdì (ore 10.00-18.00).

Per avviare la procedura di precompilazione delle domande è necessario accreditarsi all'area riservata, accessibile dal sito del Soggetto gestore.

Ulteriori informazioni in questo [link](#)

ESA BIC Lazio Permanent Open Call for Proposals

Deadline 25/09/2023; 27/11/2023

Ulteriori informazioni in questo [link](#)

FONDAZIONI

JECS Trust - Mobility to the JECS Trust

The JECS Trust was formally set up in December 2007 to oversee the expenditure of funds passed on to the European Ceramic Society (ECerS) by the Society's Journal and by its publisher, Elsevier.

In its allocation of the Trust's resources, the Trust Council aims at enabling the European Ceramic Societies to engage in a broad range of activities for the benefit of its membership. There are two open calls:

1. Mobility of scientists.

Deadlines: Standard project proposals: 31/08/2023; 30/11/2023

More info available at this [link](#).

2. Funding for summer schools, workshops, topic events at conferences,

Deadlines: Standard project proposals: 30/11/2023

More info available at this [link](#).

Telethon multi-round Call for research projects 2021 – 2024

Research projects can be submitted into one of the following tracks:

- Track BASIC RESEARCH-focused on the identification of disease mechanism/s and/or disease target/s
- Track PRECLINICAL PROOF OF CONCEPT focused on the identification and validation of therapeutic candidate/s.

The call aims at funding basic and pre-clinical research projects focused on rare genetic diseases and conducted by researchers working in Italian public or private non-profit research institutions. Eligible Projects: This call is in support of research projects focused on basic research (first track) and on preclinical proof of concept (second track) studies. Please use the Telethon development pathway (TDP) for new therapies for rare genetic diseases as an explicative model. Eligible Host Institutions: Online Application and Guidelines will be available on FT grants portal and FT website by March 1st, 2022.

Next deadlines: 31/10/2023; 30/06/2024.

Additional info are available at this [link](#).

EUROPEI

COST OPEN CALL FOR PROPOSALS

A COST Action is an interdisciplinary research network that brings researchers and innovators together to investigate a topic for 4 years. Open to all science and technology fields, including new and emerging ones, COST Actions are also bottom-up meaning you can propose a network based on your own interests or ideas. The funding a COST Action receives covers the expenses of networking activities and can be used to fund events, Short-Term Scientific Missions, Training Schools, communication activities, and virtual networking tools.

Type of actions: European Cooperation in the field of Scientific and Technical Research (COST)

Deadlines: 25/10/23

More info at this [link](#)

EC- EuroHPC - European Partnership for High Performance Computing

L'EuroHPC JU ha aperto la call for proposals "Extreme Scale Access Mode" per poter disporre dei loro supercomputer pre-exascale LUMI (Finlandia) e Leonardo (Italia).

Il bando è aperto al settore scientifico dell'High Performance Computing (HPC) che utilizza il calcolo a elevate prestazioni, con tempi di calcolo lunghi, e necessità di support e data storage. È possibile usufruire del finanziamento per un anno, con possibilità di proroga del progetto.

Possono presentare la richiesta i ricercatori, gli istituti di ricerca, le autorità pubbliche e industriali situati in uno Stato membro dell'UE o in un paese associato a H2020.

Il bando è sempre aperto e si può avere accesso alle risorse entro massimo 3 mesi dalle date di scadenza di seguito indicate:

Deadlines: 28/09/23

More info at this [link](#)

Innovation Fund - third small-scale call for projects

Terzo bando per progetti su piccola scala del Fondo per l'Innovazione lanciato il 30 marzo 2023.

Le nuove call avranno un budget di 100.000.000 euro per progetti con costi di capitale totali tra 2.500.000 e 7.500.000 euro nei settori delle energie rinnovabili, lo stoccaggio energetico, la cattura, uso e riserva di carbonio e delle industrie a uso intensivo di energia. I progetti saranno rivolti allo sviluppo e all'implementazione di tecnologie innovative a basse emissioni, in modo da portare le soluzioni industriali di decarbonizzazione al mercato.

Deadline: 19/09/2023

More info at this [link](#).

EC LIFE PROGRAMME CALL 2023 FOR PROPOSALS (LIFE)

The LIFE programme's main goals are to:

- help make the shift towards a more sustainable, circular, energy-efficient, renewable energy-based, climate-neutral and -resilient economy.
- protect, restore, and enhance our environment.
- halt and reverse biodiversity loss.
- stop the degradation of ecosystems by managing and enhancing the Natura 2000 network, thereby boosting sustainable development.
- encourage and support green ideas from both large and small companies, NGOs, public authorities, citizen groups and academia, amongst others.

The environment strand has two sub-programmes:

- Nature and biodiversity
- Circular economy and quality of life.

The climate action strand also has two sub-programmes:

- Climate change mitigation and adaptation
- Clean energy transition (continuation of H2020 Energy Efficiency market uptake)

Deadlines:

- Standard Action Projects (SAPs) for circular economy and quality of life and nature and biodiversity sub-programmes: 6 September 2023
- Standard Action Projects (SAPs) climate change mitigation and adaptation sub-programme: 21 September 2023
- Strategic Integrated Projects (SIPs): Concept notes (5 September 2023); Full proposals (5 March 2024)
- Technical Assistance preparation for SIPs and SNAPs: 7 September 2023
- Technical Assistance Replication: 27 July 2023
- LIFE Projects for addressing ad hoc Legislative and Policy Priorities (PLP): 7 September 2023
- LIFE Action Grants for clean energy transition sub-programme: 16 November 2023 (expected) (expected opening: 11 May 2023). A dedicated virtual information session on the specificities of the calls for clean energy transition will take place at the beginning of June 2023.

More info at this [link](#).

Circular Bio-Based Europe JU: calls for proposals 2023

CBE JU has published its Annual Work Programme for 2023, including information about the next call for project proposals. €215.5 million will be dedicated to advancing competitive circular bio-based industries in Europe across 18 topics.

'To deliver on its objectives, the partnership will fund projects enhancing circularity and sustainability. Consequently, CBE JU will significantly contribute to the EU's climate targets for 2030, paving the way for climate neutrality by 2050. The funded projects will advance circular and sustainable production in line with the European Green Deal while increasing Europe's strategic autonomy.'

Actions and related topics are the following:

Innovation actions – flagship (IA-flagship):

- Optimised and integrated woody-based value chains - €17 million
- Expansion and/or retro-fitting of biorefineries towards higher-value bio-based chemicals and intermediates - €17 million
- Bio-based packaging materials with improved properties: barrier, food contact, forming, printability, safety, recyclability/circularity-by-design - €17 million
- Valorisation of aquatic biomass waste and residues - €10 million

Innovation actions (IA)

- Small-scale biorefining in rural areas - €15 million
- Production of safe, sustainable, and efficient bio-based fertilisers to improve soil health and quality - €15 million
- Improve fermentation processes (including downstream purification) to final bio-based products - €15 million
- Recycling bio-based plastics increasing sorting and recycled content (upcycling) - €15 M
- Development of scalable, safe bio-based surfactants with an improved sustainability profile - €15 million
- Selective, sustainable production routes towards bio-based alternatives to fossil-based chemical building blocks - €15 million
- High performance, circular-by design, bio-based composites - €15 million

Research and innovation actions (RIA):

- Phyto-management; curing soil with industrial crops, utilising contaminated and saline land for industrial crop production - €10 million
- Optimised forest-based value chains for high-value applications and improved forest management - €10 million
- Robust & optimised industrial biotech & chemical/industrial biotech processes - €10 M
- Development of novel, high-performance bio-based polymers and co-polymers - €10 M
- Pre-normative research to develop standards for biodegradability of bio-based products in controlled and open environments - €5 million

Coordination and support actions (CSA):

- EU-wide network of pilot plants and testing facilities, improving SMEs and start-ups' access to scale-up - €1.5 million
- Supporting the capacity of regions in environmental sustainability assessment for the bio-based sectors - €3 million.

Deadlines: 20/09/23

More info at this [link](#).

ForestValue2

Eu-Member states: This Joint Call is self-sustained, meaning the participating funders will provide the funding without any co-funding from the European Commission. The ForestValue2 Joint Call 2023 aims to support a transnational collaborative systems approach to produce knowledge that supports the best use of forests and forest resources, while balancing the multiple benefits for society, climate, environment and the economy. The Call has two themes: Theme 1 – Resilient sustainable forest systems and management; Theme 2 – Sustainable timber building systems.

Type of actions: Joint projects

Deadline: 01/09/2023

More info at this [Link](#)

HORIZON EUROPE

Marie Skłodowska-Curie Actions – MSCA

The Marie Skłodowska-Curie Actions fund excellent research and innovation and equip researchers at all stages of their career with new knowledge and skills, through mobility across borders and exposure to different sectors and disciplines.

The MSCA also fund the development of excellent doctoral and postdoctoral training programmes and collaborative research projects worldwide. By doing so, they achieve a structuring impact on higher education institutions, research centres and non-academic organisations.

I finanziamenti sono per azioni di coordinamento e supporto (CSA), staff exchanges e Postdoctoral Fellowships.

Il testo dei bandi e le condizioni di partecipazione sono consultabili a questo [link](#).

Sono aperti ed in apertura i seguenti bandi MSCA:

MSCA International Cooperation 2024

[HORIZON-MSCA-2024-INCO-01-01](#) Bando a singolo stadio

Scadenza 4 settembre 2024

MSCA Postdoctoral Fellowships 2023

[HORIZON-MSCA-2023-PF-01-01](#). Bando a singolo stadio

Scadenza il 13 settembre 2023

European Researchers' Night and Researchers at Schools 2024-2025

[HORIZON-MSCA-2023-CITIZENS-01](#). Bando a singolo stadio

Scadenza il 25 ottobre 2023

MSCA Doctoral Networks 2024

[HORIZON-MSCA-2024-DN-01-01](#) Bando a singolo stadio

Scadenza il 27 novembre 2024

MSCA Doctoral Networks 2023

[HORIZON-MSCA-2023-DN-01](#). Bando a singolo stadio

Scadenza il 28 novembre 2023

MSCA Researchers at Risk 2024

[HORIZON-MSCA-2024-RR-01-01](#) Bando a singolo stadio

Scadenza 14 gennaio 2025

MSCA Cofund 2023

[HORIZON-MSCA-2023-COFUND-01-01](#) Bando a singolo stadio

Scadenza 8 febbraio 2024

MSCA Staff Exchanges 2023

[HORIZON-MSCA-2023-SE-01-01](#) Bando a singolo stadio

Scadenza 28 febbraio 2024

MSCA Staff Exchanges 2024

[HORIZON-MSCA-2023-SE-01-01](#) Bando a singolo stadio

Scadenza 5 marzo 2025

Trans-national cooperation among Marie Skłodowska-Curie National Contact Points (NCP) 2024

[HORIZON-MSCA-2024-NCP-01-01](#) Bando a singolo stadio

Scadenza 4 settembre 2024

MSCA Postdoctoral Fellowships 2024

[HORIZON-MSCA-2024-PF-01-01](#). Bando a singolo stadio

Scadenza il 11 settembre 2024

Horizon Europe - Research infrastructures.

The overall objective of the Research Infrastructures Programme under Horizon Europe is to empower Europe through world-class and accessible research infrastructures, as part of an integrated European research and technology infrastructures landscape.

Europe has a rich landscape of research infrastructures. For the future, smart investments will be required to drive the development of new research infrastructures to fill knowledge gaps, support emerging needs and scientific breakthroughs, and respond to new challenges, notably in the field of health and in the context of the green and digital transitions. At the same time, efforts to optimise and consolidate the existing capacities, avoiding fragmentation and unnecessary duplications, will provide the European Research Area with a more effective and interlinked and well-functioning research infrastructure landscape.

12 calls will open in December 2023 with deadline 12/03/2024

More info at this [link](#)

Horizon Europe CLUSTER 1. Health

The first calls have opened on 12th January 2023 and relevant destinations are:

- "Unlocking the full potential of new tools, technologies and digital solutions for a healthy society" aims to promote the development of tools, technologies and digital solutions for treatments, medicines, medical devices and improved health outcomes, taking into consideration safety, effectiveness, appropriateness, accessibility, comparative value-added and fiscal sustainability as well as issues of ethical, legal and regulatory nature.
- Living and working in a health-promoting environment" should contribute to the impact area 'A resilient EU prepared for emerging threats' and in particular to the following expected impact, set out in the Strategic Plan for the health cluster: 'living and working environments are health-promoting and sustainable thanks to better understanding of environmental, occupational, social and economic determinants of health'. In addition, research and innovation supported under this destination could also contribute to the following impact areas: 'Good health and high-quality accessible health care', 'Climate change mitigation and adaptation', and 'Clean and healthy air, water and soil'.

Deadline: 19/09/2023; 20/09/2023; 11/04/2024; 25/09/2024

Additional info at this [link](#).

Horizon Europe CLUSTER 2. Culture, creativity and inclusive society

European R&I activities under this destination "Innovative research on the European cultural heritage and the cultural and creative industries" will support and strengthen European cultural heritage and cultural and creative industries essentially under three areas:

- green
- digital
- innovative

Deadline: 07/02/2024.

Additional info at this [link](#).

Horizon Europe CLUSTER 4. Digital, Industry and Space

Cluster 4 focuses on digital, industry and space and aims to deliver six 'destinations' matching the strategic plan (e.g., digital and emerging technologies for competitiveness and fit for the Green Deal; a human-centred and ethical development of digital and industrial technologies, etc.). Current relevant destinations are:

"A human-centred and ethical development of digital and industrial technologies " destination will directly support the following Key Strategic Orientations (KSOs):

- Creating a more resilient, inclusive, and democratic European society
- A human-centred and ethical development of digital and industrial technologies.

"Increased autonomy in key strategic value chains for resilient industry" destination will directly support the following Key Strategic Orientations (KSOs):

- Making Europe the first digitally enabled circular, climate-neutral and sustainable economy
- Promoting an open strategic autonomy by leading the development of key digital, enabling and emerging technologies, sectors and value chains
- Creating a more resilient, inclusive, and democratic European society.

"Digital and emerging technologies for competitiveness and fit for the Green Deal" destination will directly support the following Key Strategic Orientations (KSOs):

- Promoting an open strategic autonomy by leading the development of key digital, enabling and emerging technologies, sectors and value chains
- Making Europe the first digitally led circular, climate-neutral and sustainable economy.

"Climate neutral, circular and digitised production" destination will directly support the following Key Strategic Orientations (KSOs):

- Making Europe the first digitally led circular, climate-neutral and sustainable economy
- Promoting an open strategic autonomy by leading the development of key digital, enabling and emerging technologies, sectors and value chains
- Creating a more resilient, inclusive and democratic European society.

Deadlines vary according to the destinations: 20/09/2023; 05/10/2023; 07/02/2024; 19/03/2024; 10/09/2024.

Additional info at this [link](#).

Horizon Europe CLUSTER 5. Climate, energy and mobility

The overarching driver for this cluster is to accelerate the twin green and digital transitions and associated transformation of our economy, industry and society with a view to achieving climate neutrality in Europe by 2050. This encompasses the transition to greenhouse gas neutrality of the energy and mobility sectors by 2050 at the latest, while boosting their competitiveness, resilience, and utility for citizens and society.

Relevant destinations are the following:

- Sustainable, secure and competitive energy supply;
- Clean and competitive solutions for all transport modes
- Efficient, sustainable and inclusive energy use
- Cross-sectoral solutions for the climate transition
- Climate sciences and responses for the transformation towards climate neutrality

Le scadenze dipendono dalla destinazione: 05/09/2023; 20/09/2023; 10/10/2023; 16/01/2024; 05/03/2024; 18/04/2024; 05/09/2024; 21/01/2025.

Il testo dei bandi e le condizioni di partecipazione sono consultabili a questo [link](#).

Horizon Europe CLUSTER 6. Food, Bioeconomy, Natural Resources, Agriculture and Environment

Research and innovation (R&I) under the destination "Fair, healthy and environment-friendly food systems from primary production to consumption" will steer and accelerate the transition to sustainable, safe, healthy and inclusive food systems from farm to fork, ensuring food and nutrition security for all and delivering co-benefits for the environment, health, society and economy.

For the destination "Innovative governance, environmental observations and digital solutions in support of the Green Deal", taking advantage of the use, uptake, and deployment of environmental

observations as well as digital and data-based green solutions, assessed through the European Green Deal's 'do no harm' principle, is key for innovative governance models and for designing, implementing and monitoring science-based policy.

The destination "Circular economy and bioeconomy sectors" supports the European Green Deal, and in particular: the new EU Circular Economy Action Plan and the subsequent initiatives along the entire life cycle of products; the EU strategy on adaptation to climate change; the EU zero pollution action plan; the EU forest strategy for 2030; the EU climate law targeting climate-neutrality by 2050 and AFOLU (Agriculture, Forestry and Other Land Use) climate-neutrality by 2035; the new European Bauhaus initiative.

The "Biodiversity and ecosystem services" destination will support R&I activities that help maintain ecosystems in good ecological condition and a clean and healthy environment for the EU, including water, soil and air. This will contribute to the implementation of relevant policies such as health, climate adaptation and mitigation, disaster risk reduction, sustainable circular bioeconomy and blue economy.

In the destination "Land, ocean and water for climate action", R&I activities will support solutions for climate and environmentally friendly practices to reduce emissions of major greenhouse gases, other pollutants and the environmental impact of ocean and land use changes and agricultural activities.

The destination "Clean environment and zero pollution" seeks to halt and prevent pollution by focusing on: removing pollution from fresh and marine waters, soils, air, including from nitrogen and phosphorus emissions; substituting harmful chemicals; improving the environmental sustainability and circularity of bio-based systems; reducing environmental impacts of and pollution in food systems.

Le scadenze dipendono dalla destinazione: 20/09/2023; 26/09/2023; 21/02/2024; 22/02/2024; 17/09/2024; 28/02/2024.

Il testo dei bandi e le condizioni di partecipazione sono consultabili a questo [link](#).

Horizon Europe: Widening participation and spreading excellence

This programme part supports the widening countries to increase the performance of their R&I systems towards excellence through building on dedicated Horizon Europe measures and complementarities with smart specialisation strategies under Cohesion Policy. Nevertheless, it is not made-up exclusively for participants from widening countries since it pursues a pan-European approach of collaboration and mutual knowledge sharing in the spirit of solidarity.

Proposals' topics:

- Reforming and enhancing the EU research and innovation system.
- Improved access to excellence.
- Attracting and mobilising the best talents.

Deadline: 13/09/2023; 20/09/2023; 28/09/2023; 07/03/2024; 12/03/2024; 26/09/2024.

Additional info at this [link](#).

The European Innovation Council (EIC)

The funding and support are organised into three main funding schemes: the EIC Pathfinder for advanced research to develop the scientific basis to underpin breakthrough technologies (Section II); the EIC Transition to validate technologies and develop business plans for specific applications (Section III) and the EIC Accelerator to support companies (SMEs, start-ups, spin-outs and in exceptional cases small mid-caps) to bring their innovations to market and scale up (Section IV).

The majority of funding will be awarded through open calls with no predefined thematic priorities ('EIC Open'). The EIC Open funding is designed to enable support for any technologies and innovations that cut across different scientific, technological, sectoral and application fields or represent novel combinations. The challenge driven approach ('EIC Challenges') provides funding to address specific

technological and innovation breakthroughs. These challenges take into account EU priorities for transitioning to a green, digital and healthy society, as well as the overall strategic planning for Horizon Europe, and the inputs of stakeholders, experts and the EIC Board.

The EIC Work programme 2023 is available [here](#).

EIC Transition Open and Challenge

EIC Transition funds innovation activities that go beyond the experimental proof of principle in laboratory to support both:

- the maturation and validation of your novel technology in the lab and in relevant application environments
- the development of a business case and (business) model towards the innovation's future commercialisation.

EIC Transition projects should address both technology and market/business development, possibly including iterative learning processes based on early customer or user feedback. The expected outcomes of an EIC Transition project are:

- a technology that is demonstrated to be effective for its intended application (TRL 5/6) and
- a business model, its initial validation and a business plan for its development to market.

Grants of up to €2.5 million are available to validate and demonstrate technology in application-relevant environment and develop market readiness.

Single applicants (SMEs, spin-offs, start-ups, research organisations, universities) or small consortia (max 5 partners) may apply.

Applications are restricted to results generated by the following eligible projects:

- EIC Pathfinder projects (including projects funded under EIC pilot Pathfinder, Horizon 2020 FET-Open, FET-Proactive, FET Flagships)
- ERANETs projects under the FET programme (including ChistERA, quantERA and FLAG-ERA)
- European Research Council (ERC) Proof of Concept projects

Open calls for EIC Transition Challenge on the following topics:

- Full scale Micro-Nano-Bio devices for medical and medical research applications;
- Environmental Intelligence;
- Chip-scale optical frequency combs.

Deadlines: Transition Open and challenge: 27/09/2023

Additional info are available at this [link](#).

EIC Pathfinder Challenges 2023

Support to research teams to research or develop an emerging breakthrough technology. Grants of up to 4 million euro support early-stage development of future technologies (e.g. various activities at low Technology Readiness Levels 1-4), up to proof of concept.

2023 EIC Pathfinder Challenges are:

- 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.

EIC Pathfinder Challenges aim to build on new, cutting-edge directions in science and technology to disrupt a field and a market or create new opportunities by realising innovative technological solutions grounded in high-risk/high-gain research and development.

With each specific Challenge, a portfolio of projects will be established that explore different perspectives, competing approaches or complementary aspects of the Challenge. The complexity and high-risk nature of this research will require multi-disciplinary collaborations.

You should apply if you have a potential cutting-edge project that would contribute to the specific objectives of the respective Challenge. Specifically, your project must aim to deliver by its end the expected outcomes defined in the respective Challenge. Project results should also include top-level scientific publications as well as an adequate formal protection of the generated intellectual property (IP).

Full details of the challenges are available in the [EIC WP2023](#).

Calls opened: 20 June 2023

deadline: 18/10/2023

Additional info are available at this [link](#)

CONNECT - Interconnected Innovation Ecosystems

European Innovation Ecosystems (EIE) will act in complement and synergy with the European Innovation Council (EIC) and European Institute of Innovation and Technology (EIT) and innovative activities across Horizon Europe and other EU funding programmes to improve the overall ecosystem for innovation in Europe.

The EU aims to create more connected and efficient innovation ecosystems to support the scaling of companies, encourage innovation and stimulate cooperation among national, regional and local innovation actors.

The Programme funds Co-fund Actions; Coordination and Support Actions.

Deadlines: 21/09/2023; 25/04/2024; 19/09/2024.

Additional info are available at this [link](#).

INFO-DAYS_VIDEO

InfoDay EC LIFE programme 2023	https://www.youtube.com/c/LIFEprogrammeEU/videos
European Innovation Council online Info Day - Work Programme 2023	
	https://webcast.ec.europa.eu/european-innovation-council-online-info-day-work-programme-2023
InfoDay APRE Giornata 1 Bandi HE	https://www.youtube.com/watch?v=V5jJwAmlmxA
InfoDay APRE Giornata 2 Bandi HE	https://www.youtube.com/watch?v=8RmNT57VPaQ
InfoDay APRE Giornata 3 Bandi HE	https://www.youtube.com/watch?v=CvLOb_F4N0Q
InfoDay APRE Giornata 4 Bandi HE	https://www.youtube.com/watch?v=Q3xXfP8Hxx0
InfoDay APRE Giornata 5 Bandi HE	https://www.youtube.com/watch?v=NoneC0UzXkU

CONTATTI

Per maggiori informazioni visita il nostro sito [web](#), e/o contattarci a udvr.dsctm@cnr.it e/o a contattare il referente del tuo Istituto per l'Unità Dipartimentale di Valorizzazione della Ricerca (UDVR) del DSCTM:

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