

15/2023. Il notiziario della ricerca Ultime notizie e aggiornamenti dall'Unità Dipartimentale di Supporto alla Ricerca del DSCTM

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INIZIATIVE INFORMATIVE/FORMATIVE

Safe and Sustainable Chemicals

In December 8th 2022, the Commission adopted a recommendation and its annex to promote research and innovation for safer and more sustainable chemicals and materials. The proposed European framework is an important step to increase the protection of human health and the environment against hazardous substances and improve the circularity of chemicals and materials.

The 'safe and sustainable by design' framework encourages innovation to replace hazardous substances in products and processes, for example in food-contact materials, like plastic wrap or food containers, textiles or information and communications technologies products, such as laptops or tablets. It aims to develop new chemicals and materials, optimise or redesign production processes and the use of substances currently on the market to improve their safety and sustainability.

Relevant documents available at this [link](#).

17-18 Gennaio 2023. EU MISSIONS info days (online)

Are you interested in funding opportunities for projects helping to reach the EU Missions goals in the areas of health, climate and the environment? Would you like to contribute to bring concrete solutions to some of the greatest challenges facing our society? Join this online event and learn more about the new calls in the Missions' part of the main Work Programme 2023 under Horizon Europe for each mission:

- Adaptation to Climate Change Mission
- Cancer Mission
- 100 Climate-Neutral and Smart cities by 2030 Mission
- Restore our Ocean and Waters by 2030 Mission
- A Soil Deal for Europe Mission

The EU Missions part of the main work programme 2023 under Horizon Europe contains new mission specific calls and topics to support the full implementation of missions according to their implementation plans. In addition, three joint calls created to favour synergies across missions and achieve their impacts will be presented.

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

19 Gennaio 2023 ore 10.00-16.00. Innovation Fund: Financing Innovative Clean Tech Conference (live streaming)

The European Commission has launched the EU Innovation Fund programme, one of the world's largest grant funding programmes for the demonstration of first-of-a-kind low-carbon technologies to support European industries.

The Innovation Fund is 100% funded by the EU Emissions Trading System (ETS) and is expected to provide around EUR 38 billion of support during the period from 2020 to 2030 (depending on carbon price), for the commercial demonstration of innovative low-carbon technologies, aiming to bring to the market industrial solutions that help decarbonise Europe and support its transition to climate neutrality.

The conference builds on the outcomes of the first Financing Innovative Clean Tech conference, held in 2020, designed to raise awareness among the community of public and private financiers about the many business opportunities brought about by the EU Innovation Fund and to promote dialogue with industry.

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

19 Gennaio 2023 ore 9.00-17.30. Info Day - Horizon Europe - Cluster 1 Health (live Streaming)

Giornata informativa dedicata ai bandi 2023 del Cluster 1 - Health. Durante l'evento, organizzato dalla Commissione europea, verranno presentati i bandi 2023 del nuovo programma di lavoro 2023-2024. I partecipanti avranno l'opportunità di porre domande sulle novità e di imparare a redigere proposte di successo.

Per maggiori info e per registrarsi, collegatevi a questo [link](#).

20 Gennaio 2023 ore 9.30-17.30. CLUSTER Health - Horizon Europe Brokerage Event 2023 (online)

This international partnering event will help you to build your consortium for the upcoming 2023 calls of the 2023-2024 Health and Mission Cancer Work Programmes.

Why participate:

- Get all information needed on the upcoming Horizon Europe calls in the Cluster Health Work Programme.
- Meet potential partners from Europe and beyond and start building your consortium.

Registration required within 16th January 2023.

Registration form and Additional info available at this [link](#).

23-27 Gennaio 2023. Info day APRE: presentazione di Horizon Europe 2023 (online)

Info day nazionali sui bandi 2023. Dal 23 al 27 gennaio, una settimana dedicata agli approfondimenti dei singoli temi e all'analisi delle opportunità a disposizione dei ricercatori e degli innovatori italiani per il prossimo anno. Con gli esperti APRE, diversi funzionari della Commissione europea e i delegati nazionali nelle rispettive configurazioni proveranno a far luce sugli aspetti chiave per una partecipazione di successo i bandi 2023.

Cinque giorni con sessioni tematiche dedicate alla comunità italiana Ricerca e Innovazione, per entrare operativamente nei bandi 2023 e analizzare gli strumenti necessari e gli aspetti da non sottovalutare per creare proposte di qualità.

La partecipazione agli eventi della Settimana Horizon Europe 2023, è gratuita e aperta a tutti gli attori impegnati nel mondo ricerca e innovazione, previa registrazione.

Per maggiori info e per registrarsi, collegatevi a questo [Link](#).

BANDI NAZIONALI e REGIONALI

MISE. Bandi PNRR “Accordi di Innovazione”

E' in programma l'apertura del secondo sportello relativo agli Accordi per l'innovazione, con una dotazione finanziaria di ulteriori 500 milioni di euro a valere sul Fondo nazionale complementare al PNRR.

Dalle ore 10.00 del giorno 31 gennaio 2023 le imprese possono presentare, anche in forma congiunta, le domande di agevolazione per progetti riguardanti attività di ricerca industriale e di sviluppo sperimentale d'importo superiore a 5 milioni di euro. La procedura di compilazione della domanda di agevolazione e della ulteriore documentazione allegata è resa disponibile nel sito internet del Soggetto gestore a partire dal 17 gennaio 2023. Le tematiche finanziabili sono:

- Tecnologie di fabbricazione
- Tecnologie digitali fondamentali, comprese le tecnologie quantistiche
- Tecnologie abilitanti emergenti
- Materiali avanzati
- Intelligenza artificiale e robotica
- Industrie circolari
- Industria pulita a basse emissioni di carbonio
- Malattie rare e non trasmissibili
- Impianti industriali nella transizione energetica
- Competitività industriale nel settore dei trasporti
- Mobilità e trasporti puliti, sicuri e accessibili
- Mobilità intelligente
- Stoccaggio dell'energia
- Sistemi alimentari
- Sistemi di bioinnovazione nella bioeconomia dell'Unione
- Sistemi circolari.

<https://www.mise.gov.it/index.php/it/notizie-stampa/accordi-innovazione-250-milioni-di-nuove-risorse-per-le-imprese>

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

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.

A partire dal 17 Novembre 2022, le imprese possono presentare la domanda esclusivamente on line, anche in forma congiunta, dal lunedì al venerdì (ore 10.00-18.00). È possibile, inoltre, avviare la procedura di precompilazione delle domande accreditandosi all'area riservata, accessibile dal sito del Soggetto gestore.

L'intervento sostiene progetti 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

<https://www.mise.gov.it/index.php/it/incentivi/impresa/green-new-deal>

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: Only research proposals submitted by Investigators working either in public or private Italian non-profit research Institutions are eligible. Researchers affiliated to the Telethon Research Institutes (i.e., TIGEM and SR-TIGET) are not eligible. Eligible Applicants: The holder of a previous Telethon grant (independently of his/her role in the project, i.e., PI/Coordinator or Partner), may apply only if such grant is completed or in the last administrative year (i.e., the administrative report of the penultimate year of funding has already been submitted to the Telethon Grant Office).

Applicants with active Telethon multi-round Call for research projects 2021 – 2024 4 grants within the following funding initiatives: seed grants, Telethon rare disease and Covid-19 and Telethon-UILDM, can apply to the present call. DTI scientists may apply only if the Telethon career is completed, or it is in the last administrative year. A dual appointment in a foreign Institution is allowed only if it does not impinge on the effective conduct of the Telethon research project. Online Application and Guidelines will be available on FT grants portal and FT website by March 1st, 2022.

Next deadlines: 28/02/2023; 31/10/2023; 30/06/2024.

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

Regione Emilia-Romagna. Bando per progetti di ricerca e sviluppo sperimentale POR FESR

Venticinque milioni di euro destinati alle imprese dell'Emilia-Romagna per realizzare progetti di ricerca e di sviluppo sperimentale, con un occhio di riguardo all'economia circolare e alla lotta ai cambiamenti climatici. I progetti dovranno essere realizzati dalle piccole e medie imprese (o dalle grandi imprese solo se in collaborazione con le pmi): è previsto l'obbligo di accompagnare i progetti con collaborazioni strutturate con Università, organismi e laboratori di ricerca, in particolare appartenenti alla Rete alta tecnologia dell'Emilia-Romagna.

I progetti dovranno avere una dimensione minima di 250.000 euro.

Il contributo a fondo perduto potrà arrivare a un massimo del 60% delle spese per la ricerca industriale e al 35% per lo sviluppo sperimentale, fino a complessivi 500 mila euro per le pmi e 700 per le grandi imprese in collaborazione con le pmi.

Topics di interesse: nuovi prodotti, servizi o sistemi di produzione, o rilevanti innovazioni negli stessi di interesse per il sistema produttivo con riferimento agli ambiti tematici della Strategia di Specializzazione Intelligente 2021-2027, con particolare attenzione ai temi dell'economia circolare e dell'adattamento ai cambiamenti climatici.

Scadenza: 28/02/2023

Ulteriori Info disponibili a questo [link](#).

Regione Emilia-Romagna. Bando per Progetti di ricerca industriale rivolti agli ambiti prioritari della Strategia di Specializzazione Intelligente 2023-2024

Con delibera di Giunta regionale n. 2097 del 28 novembre 2022, la Regione Emilia-Romagna intende dare continuità agli interventi finanziati con le programmazioni Fesr precedenti, con l'obiettivo di promuovere progetti di ricerca industriale a carattere strategico nell'ambito degli ambiti tematici di ricerca prioritari della Strategia di Specializzazione Intelligente 2021-2027.

Il bando sostiene progetti di ricerca industriale strategica collaborativa guidati dai soggetti accreditati alla Rete Alta Tecnologia, Università, in stretta collaborazione con imprese interessate allo sfruttamento e all'industrializzazione dei risultati conseguiti dal progetto. Possono partecipare al bando i raggruppamenti in ATS che comprendano Laboratori di ricerca della Rete Alta Tecnologia, università, enti ed organismi di ricerca, centri per l'innovazione, accreditati dalla Regione Emilia-Romagna. Gli interventi ammissibili sono: Progetti strategici ad elevato impatto regionale, che comprendano attività di ricerca industriale e di sviluppo sperimentale, finalizzati a sviluppare e diffondere significativi avanzamenti tecnologici per il sistema produttivo, e alla realizzazione di nuovi risultati di rilevanza tecnologica e industriale, di interesse per le filiere produttive regionali.

Topics:

- energia pulita;
- economia circolare;
- clima e risorse naturali;
- crescita blu per valorizzare il potenziale dei mari;
- innovazione nei materiali;
- digitalizzazione, intelligenza artificiale e big data;
- manifattura 4.0 e future evoluzioni;
- connettività di sistemi a terra e nello spazio;
- mobilità e motoristica sostenibile e innovativa;
- città e comunità del futuro;
- patrimonio territoriale e identità regionale;
- benessere della persona, nutrizione e stili di vita;
- salute;
- innovazione sociale e partecipazione;
- inclusione e coesione sociale.

Scadenza: 31 marzo 2023.

Ulteriori Info disponibili a questo [link](#).

EUROPEI

INTERREG Italy–Croatia 2021-2027

Cross-Border Cooperation projects

The Programme area's greatest potential and core driver of development is represented by the Adriatic Sea: indeed, the strengths deriving from the maritime dimension are numerous, from the strategic position and good performance of ports in the area, to the impressive richness of biodiversity and the strong attractiveness of the region for coastal tourism flows. Thus, it seems essential to exploit these opportunities by focusing the cooperation efforts on blue economy domains, in consistency with the EU Blue Economy strategy. Moreover, synergies and complementarities with other funding instruments at EU, national, regional level including National Recovery and Resilience Plans (NRRP) will be encouraged.

The Programme area covers for Italy the following NUTS III regions: Teramo, Pescara, Chieti (Abruzzo Region), Brindisi, Lecce, Foggia, Bari, Barletta-Andria-Trani (Apulia Region), Ferrara, Ravenna, Forlì-Cesena, Rimini (Emilia-Romagna Region), Pordenone, Udine, Gorizia, Trieste (Friuli Venezia Giulia Region), Pesaro e Urbino, Ancona, Macerata, Ascoli Piceno, Fermo (Marche Region), Campobasso (Molise Region), Venezia, Padova, Rovigo (Veneto Region).

Topics:

- Sustainable growth in the blue economy
- Green and resilient shared environment
- Sustainable maritime and multimodal transport
- Culture and tourism for sustainable development
- Integrated governance for stronger cooperation.

Deadlines: Standard project proposals: 20/03/2023; Small-scale projects: 28/02/2023

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

INTERREG Italy–Austria 2021-2027

Cross-Border Cooperation projects

Il programma settennale è dotato di oltre 91 milioni di euro, l'80 per cento dei quali provenienti dal Fondo europeo di sviluppo regionale FESR. Il restante 20 per cento è versato dai partner del programma partecipanti in Italia e Austria con fondi pubblici o privati. Le sei Regioni partner sono: Alto Adige, Tirolo, Veneto, Carinzia, Friuli-Venezia Giulia e Salisburgo.

Il primo invito a presentare progetti sarà pubblicato a metà gennaio 2023. In questo quadro, sarà reso disponibile il 40% circa delle risorse.

Topics progettuali: Innovazione e impresa, cambiamento climatico e biodiversità, turismo sostenibile e culturale, sviluppo locale (CLLD - Community Led Local Development) e riduzione delle barriere amministrative transfrontaliere.

Scadenza: 18/04/2023

Maggiori info sono disponibili a questo [link](#).

INTERREG EUROPE: Second call opening in March 2023

INTERREG EUROPE projects bring together policy organisations from at least three different countries in the 27 EU member states, Norway and Switzerland. For four years, they learn from each other and work together on a shared policy issue. The lessons they learn lead to better

regional policies and a more sustainable economic, social and environmental impact on the ground for the people and the places they serve.

The call is open from 15 March until 9 June 2023.

Relevant info are available at the following link:

- <https://www.interregeurope.eu/next-call-for-projects>
- [6+1 ways to prepare for the second call | Interreg Europe - Sharing solutions for better policy](#)

Innovation Fund (INNOVFUND)

The call for proposals for large-scale projects targets projects in sectors including environmentally safe carbon capture and utilisation, products substituting carbon intensive one's products, construction and operation of projects that aim at the environmentally safe capture and geological storage of CO₂, as well as innovative renewable energy and energy storage technologies.

Topics:

- Innovative electrification in industry and hydrogen
- General decarbonisation
- Clean-tech manufacturing
- Mid-sized pilots.

Deadline: 16/03/2023

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

EU4 Health Programme (EU4H)

EU4Health is the EU's ambitious response to COVID-19. The pandemic has a major impact on patients, medical and healthcare staff, and health systems in Europe. The new EU4Health programme will go beyond crisis response to address healthcare systems' resilience.

Topics:

- Prevention of NCDs - cardiovascular diseases, diabetes and other NCDs
- Support the roll-out of the second cohort of the inter-speciality cancer training programme
- Support structured dialogue at national or regional level on public procurement in the health sector - HERA
- Cancer and other NCDs prevention – action on health determinants

Deadlines vary according to the single call: 21/02/2023; 28/02/2023

Info complete disponibili a questo [link](#).

EC- EuroHPC - European Partnership for High Performance Computing

The Call for Proposals for EuroHPC JU Extreme Scale Access Mode is open to all fields of science, industry and the public sector justifying the need for and the capacity to use extremely large allocations in terms of compute time, data storage and support resources.

The Extreme Scale Access call is organised by the EuroHPC JU with the support of PRACE (Partnership for Advanced Computing in Europe). All proposals must be submitted via the PRACE Peer-Review Tool.

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: 28/4/23; 28/9/23

More info at this [link](#).

EIT Food Open Innovation Call 2023

EIT Food is calling for collaborative innovation Activities which will bring innovative technology solutions to the market in response to specific challenges in the agrifood sector. The proposed innovative solutions are expected to result in commercially viable products and services for the ultimate benefit of the European citizen.

EIT Food will fund up to 70% of total eligible costs of the Activity (reimbursement rate). As such, the consortium must co-fund a minimum of 30% (co-funding) of the total project eligible costs with sources of funding other than EU funding.

Topics:

- Healthier Lives Through Food
- A Net Zero Food System
- A Fully Transparent, Fair and Resilient Food System

Deadlines: 13/4/23

More info at this [link](#).

EIT RawMaterials. Call for Innovation & Education Projects

The EIT RawMaterials Call for Innovation & Education Projects offers funding to project consortiums from industry, research and education to upscale solutions linked to a sustainable raw materials value chain in Europe. There are also funding opportunities for modern education programmes to skill and train a new generation of talented and entrepreneurial minds, empowering them to be a driving force in Europe's raw materials sector.

All organisations that are eligible for funding under the Horizon Europe programme can apply. You do not have to be an existing partner organisation of EIT RawMaterials to apply for funding. The project proposals should demonstrate how they will impact significantly on European industrial competitiveness, innovation capacity, and human capital, as well as empower students and entrepreneurs advancing the circular economy and the green and digital transition goals of the European Green Deal.

EIT RawMaterials Lighthouses: "Circular Societies", "Responsible Sourcing" e "Sustainable Materials"

Deadlines: 11/05/23

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](#).

HORIZON EUROPE

European Research Council - ERC

ERC Consolidator Grant 2023

Call for funding excellence in any research fields. Applicants are mid-career scientists (7-12 years of experience since the completion of PhD.) willing to consolidate their independence by establishing a research team and/or have recently created an independent, excellent research team and want to strengthen it.

Consolidator Grants may be awarded up to € 2 million for a period of 5 years. (pro rata for projects of shorter duration). An additional € 1 million can be made available to cover eligible "start-up" costs.

Deadline: 02/02/2023

Additional info at this [link](#).

ERC Advanced Grant 2023

ERC Advanced Grants are designed to support excellent Principal Investigators at the career stage at which they are already established research leaders with a recognised track record of research achievements. Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal.

Advanced Grants may be awarded up to a maximum of EUR 2 500 000 for a period of 5 years (the maximum award is reduced pro rata temporis for projects of a shorter duration). However, up to an additional EUR 1 000 000 can be requested in the proposal to cover (a) eligible "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or (b) the purchase of major equipment and/or (c) access to large facilities and/or (d) other major experimental and field work costs, excluding personnel costs. (As any additional funding is to cover major one-off costs it is not subject to pro-rata temporis reduction for projects of shorter duration. All funding requested is assessed during evaluation).

ERC Advanced Grant Principal Investigators are expected to be active researchers and to have a track record of significant research achievements in the last 10 years which must be presented in the application.

A competitive Advanced Grant Principal Investigator must have already shown a record which identifies them as an exceptional leader in terms of originality and significance of their research contributions.

Deadline: 02/02/2023

Additional info at this [link](#).

Link utili per ERC: <https://horizoneurope.apre.it/struttura-e-programmi/excellent-science/erc/>

Video Giornate APRE su ERC: <https://www.youtube.com/watch?v=tnsCebnM03Y>

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 COFUND 2022: Co-funding of regional, national and international programmes

Scadenza il 9 febbraio 2023

[HORIZON-MSCA-2022-COFUND-01-01](#). Bando a singolo stadio

MSCA STAFF EXCHANGE 2022

Scadenza il 08 marzo 2023

[HORIZON-MSCA-2022-SE-01-01](#). Bando a singolo stadio

MSCA Feedback To Policy 2023

Scadenza il 6 giugno 2023

[MSCA Feedback To Policy 2023 \(HORIZON-MSCA-2023-FTP-01\)](#). Bando a singolo stadio

MSCA Postdoctoral Fellowships 2023

Scadenza il 13 settembre 2023

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

European Researchers' Night and Researchers at Schools 2024-2025

Scadenza il 25 ottobre 2023

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

MSCA Doctoral Networks 2023

Scadenza il 28 novembre 2023

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

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.

Proposals should aim at:

- Developing, consolidating and optimising the European research infrastructures landscape, maintaining global leadership
 - Enabling an operational, open and fair EOSC ecosystem (INFRAEOSC)
 - Next generation of scientific instrumentation, tools and methods and advanced digital solutions (INFRA TECH)
-

- 4) Research infrastructure services to support health research, accelerate the green and digital transformation, and advance frontier knowledge (INFRA SERV)

Deadline: 09/03/2023

More info at this [link](#).

Horizon Europe CLUSTER 1. Health

The first calls are opening 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: 13/04/2023

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: 14/03/2023

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: 07/03/2023; 29/03/2023; 04/04/2023; 20/04/2023; 27/04/2023; 20/09/2023; 05/10/2023

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 destination: 30/03/2023; 18/04/2023; 20/04/2023; 05/09/2023; 10/10/2023.

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 destination: 23/03/2023; 28/03/2023; 12/04/2023; 20/09/2023; 26/09/2023.

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: 09/03/2023; 12/04/2023; 13/09/2023; 20/09/2023; 28/09/2023

Additional info at this [link](#).

The European Innovation Council (EIC)

The funding and support is 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 Workprogramme 2023 is available [here](#).

EIC Pathfinder OPEN

With its Pathfinder programme the EIC supports the exploration of bold ideas for radically new technologies. It welcomes the high-risk / high gain and interdisciplinary cutting-edge science collaborations that underpin technological breakthroughs.

Pathfinder goes beyond what is already known. Visionary thinking can open up promising avenues towards powerful new technologies.

Applicants participating in EIC Pathfinder projects are typically visionary scientists and entrepreneurial researchers from universities, research organisations, start-ups, high-tech SMEs or industrial stakeholders interested in technological research and innovation.

Projects typically involve consortia of researchers and other partners from at least three different countries, but there are also opportunities for individual teams and small consortia (two partners). Grants of up to 3 million euro support early stage development of future technologies (e.g. various activities at low Technology Readiness Levels 1-3), up to proof of concept. Pathfinder projects can also receive additional funding for testing the innovation potential of their research outputs.

The total indicative budget for this call is EUR 179.5 million.

Deadline: 07/03/2023

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

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: 12/04/2023; 27/09/2023

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

EIC Pathfinder Challenges 2022

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.

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

Calls not yet open

Expected deadline: 18/10/2023

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 Cofund Actions; Coordination and Support Actions.

Deadlines: 23/03/2023; 21/09/2023

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

CONTATTI

Per maggiori informazioni visita il nostro sito [web](#) e/o non esitare a contattare il referente del tuo Istituto per l'Unità Dipartimentale di Valorizzazione della Ricerca (UDVR) del DSCTM:

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