

10/2022. Il notiziario della ricerca Ultime notizie e aggiornamenti dall'Unità Dipartimentale di Supporto alla Ricerca del DSCTM

Sommario

INIZIATIVE INFORMATIVE/FORMATIVE.....	2
6 luglio 2022 ore 10.00. Maximizing the Impact of Horizon 2020 project results.	2
7-8 luglio 2022. Conference “Synergies in the Research and Innovation funding in Europe”.	2
12 luglio 2022 ore 10.30-12.00. Webinar: From Lab to Market - Successful Technology Transfer Journeys.	2
13-14 luglio 2022. Webinar. Corso di Formazione CNR “Le scienze agro-alimentari: le opportunità di finanziamento in Europa”.	3
14 luglio 2022 ore 10.00-13.00. Webinar: Le sinergie tra Horizon Europe, i fondi strutturali e altri programmi.	3
21 luglio 2022 ore 10.00-12.30. ERC Consolidator Grant call 2023: requisiti e componenti di una proposta competitiva.	3
10-13 Ottobre 2022. 4-Days Full Immersion Training On Technology Transfer In Life Sciences.	3
BANDI	3
NAZIONALI e REGIONALI.....	3
Accordi di cooperazione scientifica del CNR con Enti di Ricerca Europei ed Internazionali.	3
MISE Progetti di ricerca, sviluppo e innovazione per la transizione ecologica e circolare negli ambiti del Green New Deal italiano.	3
MAECI Bando Borse di Studio per breve mobilità scientifica con la Svizzera.	4
MAECI Bando Borse di Studio per breve mobilità scientifica con il Belgio.	4
Open Call for Proposals for the European Space Agency Business Incubation Centre Lazio (“ESA BIC Lazio”). Prototipazione, sviluppo del nuovo prodotto/servizio e tutela di proprietà intellettuale di startup	4
Telethon multi-round Call for research projects 2021 – 2024.	5
AIRI – Associazione Italiana per la Ricerca Industriale. Bando Borse di Studio Renato Ugo 2022.	5
EUROPEI	6
Circular Bio-Based Europe Joint Undertaking - Open calls for proposals	6
EU Innovation Fund (INNOVFUND)	6
Ejp Soil International Call Announcement Managing and mapping agricultural soils for enhancing soil functions and services	6
LIFE PROGRAMME CALL FOR PROPOSALS (LIFE)	7
LEAP-RE Joint Call 2022 for AU-EU collaborative research and Innovation projects on Renewable Energy	7
European Regional Development Fund (ERDF)	7
European Defence Fund (EDF)	8
EIT Manufacturing Moonshot Call: manufacturing Decarbonization	8
Research Fund for Coal & Steel (RFCS)	8

COST – European Cooperation in Science & Technology	9
HORIZON EUROPE	9
European Research Council - ERC	9
Marie Skłodowska-Curie Actions – MSCA	10
Horizon Europe: Research infrastructures.	10
CLUSTER 1. Health	11
CLUSTER 4. DIGITAL, INDUSTRY SPACE	11
CLUSTER 5. CLIMATE, ENERGY AND MOBILITY	11
CLEAN HYDROGEN JOINT UNDERTAKING CALL FOR PROPOSALS 2022	12
CLUSTER 6. Food, Bioeconomy, Natural Resources, Agriculture and Environment	12
MISSIONS Oceans, Climate change, Soil health and Food	12
The European Innovation Council (EIC)	13
Widening participation and spreading excellence	14
EU Prize for Women Innovators	14
CONTATTI	15

INIZIATIVE INFORMATIVE/FORMATIVE

6 luglio 2022 ore 10.00. Maximizing the Impact of Horizon 2020 project results.

Training for a better understanding of the following:

- The IP in the Consortium Agreements: a particular regard to the results of the research.
- Which are the best means to maximize the value of your IP?
- Assessing your IP: How can you estimate the value of your IP?
- Which are the best exploitation strategies and business plans for entering the market?
- Reap the rewards of your IP: taking a closer look at the different forms of licensing.

Per la partecipazione è necessario registrarsi a questo [link](#).

7-8 luglio 2022. Conference “Synergies in the Research and Innovation funding in Europe”.

The conference will address the topic of synergies in the research and innovation funding in its broad perspective. A lot of efforts have been already made by both the Member States and the European Commission to exploit the full potential of synergies to increase the research and innovation funding intensity in the EU.

High-level representatives of the European Commission and the Members States will present their views and discuss how to remove persisting barriers and facilitate synergies. The outcomes of the conference shall be presented in the form of the “Prague Declaration on Synergies in the Research and Innovation Funding in Europe”.

Collegamento streaming disponibile al sito: <https://synergies2022.eu/>

12 luglio 2022 ore 10.30-12.00. Webinar: From Lab to Market - Successful Technology Transfer Journeys.

Case study Dermis Pharma from Turkey provides key takeaways for stakeholders in universities, other public research organisations and businesses. Overall, they demonstrate the importance of patents for technology transfer to start-ups, spin-offs and established companies.

Per la partecipazione è necessario registrarsi a questo [link](#).

13-14 luglio 2022. Webinar. Corso di Formazione CNR “Le scienze agro-alimentari: le opportunità di finanziamento in Europa”.

Il Dipartimento di Scienze Bioagroalimentari-CNR in collaborazione con l'Ufficio Relazioni Europee e Internazionali del CNR – di Bruxelles, organizza un corso di formazione sulle opportunità di finanziamento in Europa nel campo delle scienze agro-alimentari.

Programma del corso ed iscrizione gratuita disponibili a questo [link](#).

14 luglio 2022 ore 10.00-13.00. Webinar: Le sinergie tra Horizon Europe, i fondi strutturali e altri programmi.

il GIURI - Gruppo informale Uffici di Rappresentanza Italiani per la Ricerca e Innovazione a Bruxelles, di cui il CNR è membro nel segretariato, ha organizzato una giornata informativa sulle sinergie tra Horizon Europe e altri programmi UE.

La partecipazione è libera previa iscrizione a questo [link](#).

21 luglio 2022 ore 10.00-12.30. ERC Consolidator Grant call 2023: requisiti e componenti di una proposta competitiva.

Evento on-line. Descrizione del bando ERC Consolidator Grant call 2023 di prossima apertura e analisi dei requisiti e delle componenti che costituiscono una proposta competitiva. Segue una sessione Q&A.

Speaker: Dr. Monica Favaro (CNR-ICMATE)

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

10-13 Ottobre 2022. 4-Days Full Immersion Training On Technology Transfer In Life Sciences.

The training course is organised by Human Technopole CITT, Netval and IUSS Pavia and will be held in Milan. Eligible participants: 25 young researchers at the beginning of their academic career in the life sciences sector willing to learn about key aspects of Technology Transfer. Candidates will be evaluated based on the following criteria: Suitability, Field of work/experience, Motivation/research project/idea.

Training programme and registration requirements are available at this [link](#).

La scadenza per l'iscrizione è il 10 Luglio 2022

BANDI

NAZIONALI e REGIONALI

Accordi di cooperazione scientifica del CNR con Enti di Ricerca Europei ed Internazionali.

Nell'ambito delle attività previste dagli Accordi di cooperazione scientifica e tecnologica tra il CNR e Enti di Ricerca Europei ed Internazionali sono aperti numerosi bandi per la selezione di progetti comuni di ricerca ammissibili a sostegno finanziario. Le diverse scadenze e modalità di partecipazione sono disponibili al sito:

<https://www.cnr.it/it/accordi-bilaterali/bandi-aperti>

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.

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.

Scadenza non ancora disponibile. All'apertura dei termini per la presentazione delle domande e alla definizione delle ulteriori condizioni e procedure attuative si provvederà con decreto direttoriale di prossima emanazione.

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

MAECI Bando Borse di Studio per breve mobilità scientifica con la Svizzera.

Il Ministero degli Esteri e della Cooperazione Internazionale eroga dei contributi per la mobilità (visite di studio presso istituzioni scientifiche e/o culturali, su invito) di ricercatori, docenti, esperti e esponenti del mondo culturale.

Due le modalità previste:

- Dalla Svizzera per visite in Italia: si può richiedere un contributo forfettario a copertura parziale delle spese di viaggio e soggiorno in Italia (max 8 giorni e 903 euro), erogati a missione conclusa.
- Dall'Italia per visite in Svizzera: per i residenti in Italia si può richiedere un contributo a copertura fino all'80% delle spese di viaggio (soggiorno escluso), erogati a missione conclusa.

La scadenza per la sottomissione delle candidature è: 30/08/2022.

https://conszurigo.esteri.it/consolato_zurigo/it/la_comunicazione/dal_consolato/2022/06/mobilita-di-ricercatori-docenti.html

MAECI Bando Borse di Studio per breve mobilità scientifica con il Belgio.

Il Ministero degli Esteri e della Cooperazione Internazionale eroga dei contributi per la mobilità (visite di studio presso istituzioni scientifiche e/o culturali, su invito) di ricercatori, docenti, esperti e esponenti del mondo culturale.

Due le modalità previste:

- Dal Belgio per visite in Italia: si può richiedere un contributo forfettario a copertura parziale delle spese di viaggio e soggiorno in Italia (max 8 giorni e 903 euro), erogati a missione conclusa.
- Dall'Italia per visite in Belgio: per i residenti in Italia si può richiedere un contributo a copertura fino all'80% delle spese di viaggio (soggiorno escluso), erogati a missione conclusa.

https://ambbruxelles.esteri.it/ambasciata_bruxelles/it/i_rapporti_bilaterali/cooperazione%20scientifica

Open Call for Proposals for the European Space Agency Business Incubation Centre Lazio ("ESA BIC Lazio"). Prototipazione, sviluppo del nuovo prodotto/servizio e tutela di proprietà intellettuale di startup

La Regione Lazio, l'Agenzia Spaziale Europea (ESA) e l'Agenzia Spaziale Italiana (ASI) lanciano il nuovo bando per supportare l'avvio di startup che intendono applicare know-how e tecnologie di derivazione spaziale in altri settori di attività (downstream) o proporre tecnologie terrestri da applicare nel settore spaziale (upstream).

L'iniziativa si rivolge ad aziende, ricercatori, professori universitari e personale tecnico di organismi di ricerca o di università (pubblici e privati) che intendono avviare nel Lazio la propria attività imprenditoriale.

Applications for the ESA BIC are typically considered with the following types of space connections:

- Downstream: Your idea is about utilising space systems or exploiting space technology in a non-space domain, in one of the following areas:
Applications, Satellite Navigation, Earth Observation, Satellite Communication, Technology Transfer, Hardware, Software or Firmware, Knowledge, processes, Intellectual Property Rights (IPR)
-

- Upstream: Your idea is about exploiting new technology in the space domain, or you intend to be active as a supplier to the space sector, in one of the following areas (including systems, sub-systems, components, and services): Launchers, Satellites, Ground systems, Human spaceflight.

Deadlines for applications: 04/11/2022.

<http://www.lazioinnova.it/bandi-post/esa-bic-business-incubation-centre-lazio/>

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-UILD, 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.

<https://www.telethon.it/en/what-we-do/research/research-calls/telethon-multi-round-call-for-research-projects-2021-2024-2>.

AIRI – Associazione Italiana per la Ricerca Industriale. Bando Borse di Studio Renato Ugo 2022.

AIRI –Associazione Italiana per la Ricerca Industriale, in collaborazione con Farmindustria, Fondazione Bracco, Fondazione Silvio Tronchetti Provera e Italcementi, promuove la seconda edizione delle borse di studio “Renato Ugo”, dedicate a giovani che si sono distinti per il loro lavoro di ricerca in campo industriale. Saranno assegnate borse di studio alle cinque migliori tesi di ricerca industriale per un valore complessivo di 25.000euro. Una delle borse è destinata a una tesi sull'efficienza energetica e sulle batterie di nuova generazione, tema di cruciale interesse per le sue implicazioni di ricerca e le sue applicazioni industriali.

La scadenza per la sottomissione delle candidature è: 18/07/2022

<https://www.airi.it/attivita-bando-renato-ugo/bando-borse-di-studio-renato-ugo-2022-ii-edizione/>

EUROPEI

Circular Bio-Based Europe Joint Undertaking - Open calls for proposals

The mission of CBE JU is to advance a competitive bioeconomy for a sustainable Europe. To achieve this goal, in 2022, the public-private partnership will fund projects developing innovative and sustainable bio-based solutions, with a focus on these strategic priorities: feedstock, processing, products, as well as cross-cutting aspects of communication and environmental sustainability. Major topics are:

- Biogenic carbon capture and use (CCU) for circular bio-based products
- Cost-effective production routes towards bio-based alternatives to fossil-based chemical building blocks
- High performance bio-based polymers for market applications with stringent requirements
- Bio-based coatings, barriers, binders, and adhesives
- Circular-by-design bio-based materials to improve the circularity of complex structures
- Proteins from alternative and unconventional sources
- Sustainable fibres biorefineries feedstock
- Developing and validating monitoring systems of environmental sustainability and circularity

Deadline: 22/09/2022.

Informazioni dettagliate sono disponibili a questo [link](#).

EU Innovation Fund (INNOVFUND)

The objectives of this call are to: (a) support projects demonstrating highly innovative technologies, processes, business models or products/services, that are sufficiently mature and have a significant potential to reduce greenhouse gas emissions; (b) offer financial support tailored to market needs and risk profiles of eligible projects, while attracting additional public and private resources.

Typology of action: Lump Sum Grants. Topics: activities that support innovation in low-carbon technologies and processes; activities that help stimulate the construction and operation of projects that aim at the environmentally safe capture and geological storage of CO₂ (CCS); activities that help stimulate the construction and operation of innovative renewable energy and energy storage technologies.

Deadline: 31/08/2022.

Informazioni dettagliate sono disponibili a questo [link](#).

Ejp Soil International Call Announcement Managing and mapping agricultural soils for enhancing soil functions and services

The overall objective of this call is to foster farm management practices, which contribute to climate change mitigation and adaptation. To achieve this aim, three main directions shall be taken into consideration and are subject to this call: A) Soil restoration practices and management, B) Managing soils in the context of climate change and C) Research and development of innovative methods and sensing technologies to provide an integrated monitoring and mapping of farm management practices.

This includes the appropriate monitoring, reporting and verification (MRV) platforms for soil organic carbon (SOC) to enhance preparedness and commitment of farmers to take farm level actions on climate change mitigation. To be effective, such farm scale monitoring of carbon sequestration and SOC management should be linked to and based on decisions and tools that allow farmers to calculate and monitor impacts of farm management not only on C but also on N and P cycling.

Italy just participates to topic A: Soil restoration practices and management for alleviating land degradation, supporting agro-ecosystem function and maintaining soil organic carbon stocks

Pre-registration: 20 June 2022

Proposal submission: 14 September 2022

Informazioni dettagliate sono disponibili al sito: <https://ejp-soil.ptj.de/call2>

LIFE PROGRAMME CALL FOR PROPOSALS (LIFE)

Sono aperti dal 17 maggio 2022 i bandi per Project grants nell'ambito del programma LIFE. I principali topics di LIFE sono: Nature and biodiversity; Circular economy and quality of life; Climate change mitigation and adaptation; Clean energy transition.

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

I possibili topics rilevanti per il nostro dipartimento sono i seguenti:

- [LIFE Projects for addressing ad hoc Legislative and Policy priorities \(PLP\) \(LIFE-2022-PLP\)](#): n. 3 nuovi topics, Deadline date 07/09/2022
 - [Strategic Nature and Integrated Projects \(SNAP/SIP\) \(LIFE-2022-STRAT-two-stage\)](#): n. 3 nuovi topics, Deadline dates (two stages): First stage deadline 08/09/2022, Second stage deadline 30/03/2023
 - [Technical Assistance for Preparation of SIPs/SNAPs \(LIFE-2022-TA-PP\)](#): n. 3 nuovi topics, Deadline date 08/09/2022
 - [LIFE Subprogramme Climate Action \(LIFE-2022-SAP-CLIMA\)](#): n. 3 nuovi topics, Deadline date 04/10/2022
 - [Nature & Biodiversity - Standard Action Projects \(SAP\) \(LIFE-2022-SAP-NAT\)](#): n. 2 nuovi topics, Deadline date 04/10/2022
 - [Circular Economy and Quality of Life - Standard Action Projects \(SAP\) \(LIFE-2022-SAP-ENV\)](#): n. 2 nuovi topics, Deadline date 04/10/2022
 - [LIFE-2022-CET \(LIFE-2022-CET\)](#): n. 18 nuovi topics, Deadline date 16/11/2022
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LEAP-RE Joint Call 2022 for AU-EU collaborative research and Innovation projects on Renewable Energy

Gathering several African and European funding agencies (members of the LEAP-RE consortium) the joint goal is the preparation and implementation of transnational joint Calls for proposals co-funded by European and African national research funding agencies, with additional EC contribution. Particular attention will be given to strengthening the impact of R&I supported activities for the well-being of the society, in Europe and in Africa. Basic&applied research, experimental development projects are fundable in the following topics:

- Assessment of Renewable Energy Sources and integration of RES in sustainable energy scenarios
- End-of-life and second-life management and environmental impact of RE components
- Smart stand-alone systems (SAS)
- Smart grid (different scale) for off grid application
- Processes and appliances for productive uses (PRODUSE)
- Innovative solutions for priority domestic uses (clean cooking and cold chain)

Indicative call schedule:

Pre-proposal submission (mandatory): 15th September 2022

Full Proposal submission: Mid January 2023

<https://www.leap-re.eu/leapre-call-2022/>

European Regional Development Fund (ERDF)

Interregional Innovation Investments (I3)

The overall objective of the call for proposals is to support interregional partnerships particularly through targeted investments aiming to accelerated market uptake and scale-up innovation solutions in high technology readiness levels (minimum TRL 6) in shared smart specialisation priority areas to help them address barriers to moving to market. The financial and advisory assistance shall contribute to accelerating the commercialisation and scaling up via interregional innovation investments with the potential to encourage the development of EU value chains. At least 70% of the grant must be allocated to investments in companies, in particular SMEs. The coordinator must be either a public body, private non-profit organisation or international organisation.

Topics: Digital transition, Green transition, Smart manufacturing

Scadenza: 18/10/2022

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

European Defence Fund (EDF)

In line with the EU Capability Priorities specified in the Strategic Compass, the Commission opens today eight calls for proposals covering a total of 33 topics and addressing a wide range of defence technologies and capabilities under the European Defence Fund. These calls will enable a number of major flagship projects, from cyber security to space and naval combat. This year, more than €120 million will be dedicated to space and naval combat respectively. In the field of research, €70 million will be allocated to research on cyber and information superiority. These calls for proposals will also support SMEs and more generally innovation and disruptive technologies.

Topics: Space; Naval combat; Cyber; Information superiority; Defence equity facility; Technological challenge; Chemical, biological, radiological and nuclear (CBRN).

Le scadenze sono: 26/10/2022 e 24/11/2022

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

EIT Manufacturing Moonshot Call: manufacturing Decarbonization

EIT Manufacturing 'Moonshot Call' is a call for proposals that aims to identify, select and support Changemakers in addressing one of the most pressing challenges of manufacturing: Decarbonisation. EIT Manufacturing targets Changemakers working at the intersection of manufacturing and decarbonisation and aims to provide them with the necessary funding and support to accelerate the success of their disruptive ideas. After a selective process to choose the best participants, the Changemakers will receive financial support and the support of EIT Manufacturing community, so they can develop and test their ideas, working together with the most relevant actors of our ecosystem.

Call Opening: January 2023

Call Closing: February 2023

Additional info regarding the forthcoming call are available at this [link](#).

Research Fund for Coal & Steel (RFCS)

Research fund for Coal

Research projects shall support the transition towards a climate-neutral Union economy by 2050, with the objective of supporting the phasing out of fossil fuels, developing alternative activities on former mine sites and avoiding or addressing the environmental damage from coal mines in the process of closure, formerly operating coal mines and their surroundings. Projects shall in particular focus on:

- the development and testing of carbon dioxide capture, use and storage technologies;
- the use of geothermal energy on former coal sites;
- non-energetic uses and the production of raw materials from mining wastes and residues from formerly operating coal mines or those in the process of closure, while duly ensuring that their climate, environmental and health impact is minimised and lower than alternative solutions;
- the repurposing of former coal and lignite mines as well as coal-related infrastructure, including power supply services, in line with a climate-neutral and environmentally friendly transition;
- the promotion of the development of efficient reskilling and upskilling programmes for workers affected by a coal phase-out, including research on the training and reskilling of workers employed or previously employed in the coal sector.

Call deadline: 22 settembre 2022

Additional info regarding the forthcoming call are available at this [link](#).

Research fund for Steel

Research and technological development shall aim to develop, demonstrate and improve near-zero-carbon steel production processes with a view to raising product quality and increasing productivity. Substantially reducing emissions, energy consumption, the carbon footprint and other environmental impacts, as well as conserving resources, shall form an integral part of the activities sought. Research projects shall address one or more of the following areas:

- new and improved breakthrough near-zero-carbon iron- and steel-making processes and operations, with particular attention to carbon direct avoidance or smart carbon usage, or both;
- steel process and process chain optimisation (including the reduction and pre-reduction of iron-ore, iron- and steel-making, processes based on recycled scrap melting, secondary metallurgy, casting, rolling, finishing and coating operations) via instrumentation, detection of properties of intermediate and final products, modelling, control and automation, including digitalisation, application of big data, artificial intelligence and any other advanced technologies;
- steel process integration and process efficiency in near-zero-carbon steel production;
- maintenance and reliability of steel production tools;
- techniques for increasing recyclability, recycling and reuse of steel and developing a circular economy;
- techniques for increasing the energy efficiency of steel production by recovery of waste heat, prevention of energy losses, hybrid heating techniques and energy management solutions;
- innovative technologies and solutions for the iron- and steel-making processes promoting cross-sector activities, demonstration projects integrating zero-carbon energy production or contributing to a clean hydrogen economy.

Call deadline: 22 settembre 2022

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

COST – European Cooperation in Science & Technology

Open Call: A simple one-step application process

A COST Action is an interdisciplinary research network that brings researchers and innovators together to investigate a topic of their choice for 4 years. COST Actions are typically made up of researchers from academia, SMEs, public institutions and other relevant organisations or interested parties.

Open to all science and technology fields, including new and emerging fields; COST Actions offer an inclusive, pan-European environment for individuals of all levels of seniority to grow their professional research networks and boost their careers.

Next call cut-off: 20 October 2022

Additional info regarding the forthcoming call are available at this [link](#).

HORIZON EUROPE

European Research Council - ERC

Bandi di prossima apertura (tentative dates)

ERC Synergy Grant 2023

Il bando apre il 13/07/2022 e ha scadenza il 08/11/2022

<https://erc.europa.eu/funding/synergy-grants>

ERC Starting Grant 2023

Il bando apre il 17/07/2022 e ha scadenza il 25/10/2022

<https://erc.europa.eu/funding/starting-grants>

ERC Consolidator Grant 2023

Il bando apre il 28/09/2022 e ha scadenza il 02/02/2023

<https://erc.europa.eu/funding/consolidator-grants>

ERC Advanced Grant 2023

Il bando apre il 08/12/2022 e ha scadenza il 23/05/2023

<https://erc.europa.eu/funding/advanced-grants>

Link utili

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

Video Giornate APRE: <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 Postdoctoral Fellowships 2022

Il bando è aperto dal 13 aprile 2022 e ha scadenza il 14 settembre 2022

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

MSCA Doctoral Networks 2022

Il bando è aperto dal 3 maggio 2022 e ha scadenza il 15 novembre 2022

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

MSCA COFUND 2022

Il bando aprirà il 11 ottobre 2022 e ha scadenza il 9 febbraio 2023

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

MSCA STAFF EXCHANGE 2022

Il bando aprirà il 06 ottobre ed ha scadenza il 08 marzo 2023

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

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.

Research and Innovation Actions eligible are:

- Enabling an operational, open, and fair EOSC ecosystem
- Developing, consolidating, and optimising the European research infrastructures landscape, maintaining global leadership

- Research infrastructure services to support health research, accelerate the green and digital transformation, and advance frontier knowledge
- Next generation of scientific instrumentation, tools and methods and advanced digital solutions

Deadlines: 21/09/2022

Il testo del bando attualmente aperto è disponibile a questo [link](#).

CLUSTER 1. Health

Sono aperti 5 bandi per progetti di ricerca e innovazione (RIA) e azioni di coordinamento e supporto (CSA) del Cluster 1 Health, Mission on Cancer.

The overall goal of the Mission on Cancer and the Europe's Beating Cancer Plan includes a better quality of life for patients and their families living with, and after, cancer. Project results will support the creation of a virtual European Cancer Patient Digital Centre (ECPDC), which is a federated network of patient controlled (national) health data infrastructures enabling the voluntary exchange of patients and survivors' health data in a standardised approach, for primary and secondary use.

Deadline: 07/09/2022

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

CLUSTER 4. DIGITAL, INDUSTRY SPACE

Sono aperti dal 21 dicembre 2021 i bandi per progetti di ricerca e innovazione (RIA e IA) e azioni di coordinamento e supporto (CSA) del Cluster Digital, Industry, space di Horizon Europe. I principali topic sono:

- 1) Digital and emerging technologies for competitiveness and fit for the Green Deal;
- 2) A human-centred and ethical development of digital and industrial technologies;
- 3) Increased autonomy in key strategic value chains for resilient industry;
- 4) Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data;
- 5) Climate neutral, circular and digitised production;
- 6) World leading data and computing technologies.

Le diverse scadenze dipendono dal bando (06/09/2022; 27/09/2022; 27/10/2022; 16/11/2022)

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

Digital and emerging technologies for competitiveness and fit for the Green Deal

HORIZON-CL4-2022-DIGITAL-EMERGING-02. Un topic a singolo stadio.

- Supporting the coordination of the Graphene Flagship projects (CSA)
- 2D materials-based devices and systems for biomedical applications (RIA)
- New generation of advanced electronic and photonic 2D materials-based devices, systems and sensors (RIA)
- 2D-material-based composites, coatings, and foams (IA)
- 2D materials-based devices and systems for energy storage and/or harvesting (RIA)
- New algorithms for applications on European exascale supercomputers (RIA)

Deadline date 16 November 2022

CLUSTER 5. CLIMATE, ENERGY AND MOBILITY

Sono aperti 15 bandi per progetti di ricerca e innovazione del Cluster Climate, Energy and Mobility di Horizon Europe. I topics sono: 1) Sustainable, secure and competitive energy supply; 2) Safe, Resilient Transport and Smart Mobility services for passengers and goods; 3) Cross-sectoral solutions for the climate transition; 4) Efficient, sustainable and inclusive energy use; 5) Clean and competitive solutions for all transport modes; 6) Climate sciences and responses for the transformation towards climate neutrality; 7)

Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data.

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

Le scadenze dipendono dalla destination: 06/09/2022; 20/09/2022; 21/09/2022; 27/09/2022; 13/10/2022; 27/10/2022; 10/01/2023; 24/01/2023.

CLEAN HYDROGEN JOINT UNDERTAKING CALL FOR PROPOSALS 2022

The overall goal of the Clean Hydrogen JU is to support research and innovation (R&I) activities in the Union in clean hydrogen solutions and technologies, under EU's new funding programme for research and innovation, Horizon Europe, established by the HE Regulation³, and in synergy with other EU initiatives and programmes. The Clean Hydrogen JU is the continuation of the successful Fuel Cell and Hydrogen Joint Undertakings (FCH JU and FCH 2 JU), under FP7 and Horizon 2020 (H2020) respectively. The Clean Hydrogen JU will contribute to the European climate neutrality goal by producing noticeable, quantifiable results towards the development and scaling up of hydrogen applications. This will help develop a number of hydrogen technologies, which are currently either not competitive or have a low technology readiness level but are expected to contribute to the 2030 energy and climate targets and most importantly make possible climate neutrality by 2050.

Topics: Renewable Hydrogen Productions; Hydrogen Storage and Distribution; Hydrogen end uses: Transport Applications; Hydrogen end uses: Clean Heat and Power; Cross-Cutting; Hydrogen Valleys; Strategic Research Challenges.

Deadlines: 20/09/2022

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

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

Sono aperti i bandi per progetti (RIA, IA e CSA) nei topics: 1) Fair, healthy and environmentally-friendly food systems from primary production to consumption; 2) Innovative governance, environmental observations and digital solutions in support of the Green Deal; 3) Biodiversity and Ecosystem Services; 4) Circular economy and bioeconomy sectors; 5) Resilient, inclusive, healthy and green rural, coastal and urban communities; 6) Land, ocean and water for climate action; 7) Clean environment and zero pollution; 8) Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data.

Le scadenze dipendono dalla destination: 06/09/2022; 21/09/2022; 22/09/2022; 27/09/2022.

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

MISSIONS Oceans, Climate change, Soil health and Food

Sono aperte le nuove call relative a 3 Missioni Horizon Europe:

- [Actions for the implementation of the Mission Restore our ocean and waters by 2030 \(HORIZON-MISS-2022-OCEAN-01\)](#): n. 10 nuovi topics per la Mission HE Oceani e acque, Deadline date 27 September 2022
 - [Research and Innovation actions in support of the implementation of the Adaptation to Climate Change Mission \(HORIZON-MISS-2022-CLIMA-01\)](#): n. 6 nuovi topics per la Mission HE Cambiamenti climatici, Deadline date 27 September 2022
 - [Research and Innovation actions to support the implementation of the Soil health and Food Mission \(HORIZON-MISS-2022-SOIL-01\)](#): n. 10 nuovi topics per la Mission HE Salute del suolo e alimentazione, Deadline date 27 September 2022.
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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.

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

EIC Pathfinder Challenges 2022

Support to research teams to research or develop an emerging breakthrough technology. Grants of up to 3 to 4 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. Funding for single stage projects addressing the 2022 Strategic EIC Pathfinder Challenges, that are reported below.

Carbon dioxide and nitrogen management and valorisation

https://eic.ec.europa.eu/eic-funding-opportunities/calls-proposals/eic-pathfinder-challenge-carbon-dioxide-and-nitrogen-management-and-valorisation_en

Mid to long term and systems integrated energy storage

https://eic.ec.europa.eu/eic-funding-opportunities/calls-proposals/eic-pathfinder-challenge-mid-long-term-and-systems-integrated-energy-storage_en

Cardiogenomics

https://eic.ec.europa.eu/eic-funding-opportunities/calls-proposals/eic-pathfinder-challenge-cardiogenomics_en

Towards the Healthcare Continuum: technologies to support a radical shift from episodic to continuous healthcare

https://eic.ec.europa.eu/eic-funding-opportunities/calls-proposals/eic-pathfinder-challenge-towards-healthcare-continuum-technologies-support-radical-shift-episodic_en

Alternative approaches to Quantum Information Processing, Communication, and Sensing

https://eic.ec.europa.eu/eic-funding-opportunities/calls-proposals/eic-pathfinder-challenge-alternative-approaches-quantum-information-processing-communication-and_en

Call call deadline: 19/10/2022

EIC Transition Open and Challenges

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.

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

Deadlines:

2nd cut-off Open and Challenges: 28 September 2022

https://eic.ec.europa.eu/eic-funding-opportunities/eic-transition_en

EIC Accelerator Open and Challenges

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

Cut-off deadlines for both Accelerator Open and Challenges: 5 October 2022

https://eic.ec.europa.eu/eic-funding-opportunities/eic-accelerator_en

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.

Topics:

- Improved access to excellence
- Attracting and mobilising the best talents

The current open calls are:

Hop On Facility. [HORIZON-WIDERA-2022-ACCESS-07-01](#)

Deadline: 10/11/2022

Fostering balanced brain circulation -ERA Fellowships [HORIZON-WIDERA-2022-TALENTS-04-01](#)

Deadline 14/09/2022

Fostering balanced brain circulation – ERA Talents [HORIZON-WIDERA-2022-TALENTS-03-01](#)

Deadline 15/11/2022

EU Prize for Women Innovators

The EU Prize for Women Innovators celebrates the women entrepreneurs behind game-changing innovations. The prize is awarded to the most talented women entrepreneurs from across the EU and countries associated to Horizon Europe, who have founded a successful company and brought innovation to the market. The prize is managed by the European Innovation Council and SMEs Executive Agency, and the winners are chosen by an independent expert jury.

Topics:

- Women Innovators category: three prizes of EUR 100 000 each awarded to the most talented women innovators from across the EU and Associated Countries
- Rising Innovators category: three prizes of EUR 50 000 each awarded to the most promising young innovators aged 35 or under.

Deadline: 18/08/2022

Informazioni dettagliate sono disponibili a questo [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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