UDVR DS@TM

18/2023. Il notiziario della ricerca
Ultime notizie e aggiornamenti dall'Unità Dipartimentale di Supporto alla Ricerca del DSCTM

UDVR DS@TM

INIZIATIVE INFORMATIVE/FORMATIVE

18 Aprile 2023 10.00-12.00. Webinar B2CNR from business to research, interazioni tra ricerca e azienda

Il webinar organizzato dal UDVR-SCTM verterà sull'analisi del rapporto tra la ricerca pubblica e il tessuto aziendale in Italia, con particolare focus sulle potenzialità offerte dalle piccole e medie imprese. Partendo da un caso studio reale, verranno evidenziate possibili criticità che possono rallentare questa collaborazione così come i fattori indispensabili per portare a buon fine i processi di trasferimento tecnologico.
Speaker: Dr Silvia Rinaldi CNR-ICCOM

Per partecipare accedere a questo Link

19 Aprile 2023 European IP Helpdesk Webinar: Enterprises Effective IP and Outreach Strategies help Increase the Impact of Research and Innovation.

This webinar will put a particular spotlight on the role of communication, dissemination and exploitation in maximising the impact of Horizon projects. It aims to clarify the terminology by illustrating the differences between the three concepts, and to point out the areas they have in common. Participants will also get an overview on key practical steps to take and consider when elaborating a sound outreach and exploitation strategy. In this regard, central aspects related to IP and innovation management will also be addressed, since they are significantly interwoven with the subject.

Registration at this link.

20 Aprile 2023 Innovation Fund: Info Day on the third call for small-scale projects.

The Innovation Fund is a dedicated funding programme for the deployment and up-scaling of innovative low-carbon technologies, aiming to bring industrial solutions to decarbonise Europe to the market. This webinar present the third Innovation Fund small-scale call for projects. This new call has been launched on 30 March 2023 with a budget of EUR 100 million for projects with a total capital costs between EUR 2.5 million and below EUR 7.5 million.

During the event, participants will get an overview of the new call and will have the opportunity to get practical tips to succeed in their application.

Registration at this link.

25-26 Aprile 2023 EULife23 INFO DAYS.

The LIFE programme is the EU's funding instrument for the environment and climate action. It has a budget of €5.4 billion and is divided into four sub-programmes:

Nature and biodiversity, Circular economy and quality of life, Climate change mitigation and adaptation, Clean energy transition.

The LIFE Call for proposals 2023 will be published on the Funding & tender opportunities portal as of Mid-April. The calls for Clean energy transition are expected to be published as of Mid-May.

On 25-26 April, CINEA organizes virtual EU LIFE Info Days to guide potential applicants through the LIFE 2023 Calls for applications. Find here the detailed agenda of the two days.

Registration at this link.

2 Maggio 2023 European IP Helpdesk Webinar: IP & Open Science.

This webinar is for early career researchers to outline the basics of Intellectual Property (IP) and of Open Science (OS). The aim is to create awareness of, and to build confidence in, applying the laws of IP to the culture of Open Science, and vice versa. The webinar will show that there is no conflict between IP and Open Science, but on the other hand, "open" does not mean "no IP issues", nor "free for commercial use". The concept of "openness" in its various forms will be explored and shown how the IP system fits with the essence of OS.

Examples of how the sharing of IP, data, and publications, can be as open as possible, but closed when necessary, will be shown

Registration at this link.

3 Maggio 2023 European IP Helpdesk Webinar: Maximizing the impact of Horizon (2020/HEU) project results.

After the training, participants should have 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.

Registration at this link.

UDVR DS@TM

3 Maggio 2023 a Venezia e 9 Maggio 2023 ad Ancona. NATIONAL INFO-DAYS EVENTS. Interreg VI B IPA ADRION 1ST CALL FOR PROPOSALS

The events aim at providing information on the 1st Call for Proposals of the IPA ADRION Programme. Their main objective is to brief potential partners on what the Programme expects in terms of project content, project eligibility, quality issues and how to go through the application process, among other relevant aspects.

Info on the call: https://www.adrioninterreg.eu/index.php/2023/03/28/ipa-adrion-1st-call-for-proposals-at-the-start/

For info on National info days: adrionIT@regione.marche.it

BANDI
NAZIONALI e REGIONALI

MINISTERO DELLO SVILUPPO ECONOMICO-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, a partire dal 17 novembre 2022, anche in forma congiunta, dal lunedì al venerdì (ore 10.00-18.00).

A partire dal 4 novembre 2022 sarà possibile avviare la procedura di precompilazione delle domande accreditandosi all'area riservata, accessibile dal sito del Soggetto gestore.

Ulteriori informazioni in questo link

MAECI BANDO SCIENTIFICO 2023 – Accordo di cooperazione industriale, scientifica e tecnologica tra Italia e Israele

Nell'ambito delle attività previste dall'Accordo di Cooperazione Industriale, Scientifica e Tecnologica tra Italia e Israele, la Direzione Generale per la Promozione del Sistema Paese del Ministero degli Affari Esteri e della Cooperazione Internazionale (MAECI), per la Parte italiana, e il Ministero dell'Innovazione, Scienza e Tecnologia (MOST) per la parte israeliana, intendono avviare le procedure per la selezione di progetti ammissibili a sostegno finanziario. I topics sono:

•medicine, biotechnologies, public health and hospital organization;
•agriculture and food sciences;

•application of information technology to education and scientific research;

•environment, water treatment;

•new energy sources, oil alternatives and exploitation of natural resources;

•innovation in production processes;

•ICT, data communications, software, cyber security;

•space and earth observation;

•any other area of mutual interest.

Deadline 21 Giugno 2023
Ulteriori informazioni in questo link

ESA BIC Lazio - Permanent Open Call for Proposals for the European Space Agency Business Incubation Centre Lazio

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

Deadline 27/06/2023; 25/09/2023; 27/11/2023
Ulteriori informazioni in questo 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.

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: 31/05/2023; 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: 31/05/2023; 30/11/2023
> More info available at this link.

EUROPEI

INTERREG VI A Italia-Francia Marittimo 2021-2027- Joint Projects

Il Programma intende sostenere la coesione economica e sociale dello spazio transfrontaliero rafforzandone la resilienza e, quindi, la capacità nel: a) fronteggiare l'impatto della transizione industriale ed ecologica dando centralità alla sfida dell'innovazione, la crescita e la competitività dei territori; b) proteggere (dai rischi naturali e antropici) e valorizzare le risorse naturali e culturali dell'area anche in un'ottica di economia circolare, dando centralità al territorio e al suo ambiente; c) promuovere una migliore connessione tra i territori, dando centralità alla sfida dell'accessibilità; d) rendere più efficiente il mercato del lavoro transfrontaliero dando centralità alla sfida della qualificazione del capitale umano; e) rimuovere gli ostacoli che impediscono il pieno raggiungimento dell'obiettivo del Programma, dando centralità alla sfida della coesione transfrontaliera.
Priorità 1 "Un'area transfrontaliera attrattiva, improntata alla modernizzazione intelligente e sostenibile"
Priorità 2 "Un'area transfrontaliera resiliente ed efficiente dal punto di vista delle risorse
Priorità 3 "Un'area transfrontaliera connessa fisicamente e digitalmente
Priorità 4 "Un'area transfrontaliera efficiente in capitale sociale e che si distingue per la qualità del suo capitale umano
Priorità 5 "Una migliore governance transfrontaliera
L'Area del Programma è costituita dai territori NUTS 3 che partecipano al Programma: IT (Sardegna Sassari, Nuoro, Cagliari (città metropolitana), Oristano, Sud Sardegna; Toscana Massa-Carrara, Lucca, Pisa, Livorno, Grosseto; Liguria Genova, Imperia, La Spezia, Savona.

Scadenza: 19 maggio 2023
Maggiori informazioni al seguente Link

INTERREG EUROPE: Second call is now open

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.

Deadline 9 June 2023**.**
Relevant info available at the following links:
- https://www.interregeurope.eu/next-call-for-projects
- 6+1 ways to prepare for the second call | Interreg Europe - Sharing solutions for better policy

Interreg VI B IPA ADRION 1st Call for Proposals

The Call represents the first important milestone of the programming period 2021-27, now featuring a more extended cooperation area including ten participating countries and more funding opportunities for potential beneficiaries. Organisations from across the Adriatic-Ionian region are invited to submit transnational cooperation ideas and play an active role in contributing to the economic growth of the region. The priorities are:

Priority 1 – Supporting a smarter Adriatic and Ionian region
Priority 2 – Supporting a greener and climate resilient Adriatic and Ionian region
Priority 3 – Supporting a carbon neutral and better connected Adriatic and Ionian region

The call budget is of around 65 million euros. We are looking for proposals with a minimum size of six and a recommended maximum of 12 partners, with at least three of those coming from IPA participating countries and three from ERDF participating countries. Lead partners may be based both in ERDF and IPA countries.

Budget should be up to a maximum of MEUR 1,5 Interreg funds and a duration of maximum of 36 months.

Deadline 30/06/2023
Maggiori info sono disponibili a questo 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: 28/04/23; 28/09/23
More info at this link.

EC -CEF Energy: 2023 Call for Cross-Border Renewable energy project

The scope of the CB RES programme covers renewable energy projects that involve a physical or non-physical cross-border cooperation between EU Members States, but also Member States and non-EU countries. This programme aims to provide financial support to meet EU decarbonisation targets by optimising national efforts for deployment of renewable energy and thus increase the security of energy supply.

Deadline: 03/05/23
More info at this link.

EC Research Fund for Coal & Steel (RFCS)

For the Steel sector the call objectives are:

- CO2 neutral iron ore reduction (Increasing the use of pre-reduced iron carriers);
- Developing technologies to reduce the specific energy required to produce steel;
- Circular economy and sector coupling solutions to meet the zero-waste goal for steelmaking;
- Preparation of steel CO/CO2 gases for Carbon Capture Use and Storage (CCUS);
- Process Integration (PI) in steel plants to reduce the use of fossil carbon and associated CO2 emissions.

For the Coal sector the call objectives are:

- Mine water monitoring, management and/or treatment in coal mines in the process of closure and formerly operating mines;
- Land monitoring, modelling, stabilisation and/or restoration;
- Waste and/or spoil treatment of mines in transition;
- Energy recovery associated with the mitigation and monitoring of methane emissions from formerly operating coal mines, coal mines identified for eventual closure in Territorial Just Transition Plans or coking coal mines (e.g. ventilation air methane (VAM) or abandoned mine methane (AMM) projects that oxidise methane and produce useful energy) and/or geothermal energy systems;
- Materials recycling and development of alternative materials, including recovery of critical raw materials;
- Repurposing of former coal and lignite mines as well as coal-related infrastructure, including power supply services, with projects for energy storage, renewable energy, hydrogen or hybrid solutions that enable sector coupling or restoring the environment of former installations and their surroundings.

Deadline: 04/05/23
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 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"

Deadline: November 2023 for the submission of pre-proposals
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 topics are:

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)

The LIFE Call for proposals 2023 will be published on the Funding & tender opportunities portal as of Mid-April. The calls for Clean energy are expected to be published as of Mid-May.

On 25-28 April, CINEA will organise virtual EU information sessions to guide potential applicants. 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.

Horizon Europe, EC: Research infrastructures.

1) Developing, consolidating and optimising the European research infrastructures landscape, maintaining global leadership

2) Enabling an operational, open and fair EOSC ecosystem (INFRAEOSC)

3) Next generation of scientific instrumentation, tools and methods and advanced digital solutions (INFRATECH)

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

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.

Forthcoming: 12/03/2024
More info at this link

M-ERA.NET Call 2023. Joint Projects

The aim is to fund ambitious transnational RTD projects addressing materials research and innovation including materials for batteries and low carbon energy technologies.

Topics:
- Sustainable advanced materials for energy
- Innovative surfaces, coatings and interfaces
- High performance composites
- Functional materials
- Advanced materials and technologies for health applications
- Next generation materials for advanced electronics

For Italy, the regional funding organisation that participates in the M-ERA.NET Call 2023 is Regione Calabria.

Deadlines: Pre-Proposal 16 May 2023; Full-Proposal 21 November 2023
More info at this link

EC QuantERA Call 2023

The submitted proposals are expected to be aligned with one of the two QuantERA Call 2023. The topics are:
- Quantum Phenomena and Resources (QPR)where the goal is to lay the foundations for the QT of the future. The focus is on basic quantum science and fundamental physics, and the projects should explore novel quantum phenomena, concepts, resources, protocols, algorithms, and/or address major challenges that prevent broad applications of some quantum technologies;
- Applied Quantum Science (AQS)where the goal is to take known quantum effects and established concepts from quantum science, translate them into technological applications and develop new products. These could be novel devices that are based on known quantum effects and that will serve a novel application in QT, or devices and systems that translate known quantum applications into products and industrial applications.

Deadlines: 11/05/23
More info at this link.

EIT Raw Materials. Call for Innovation & Education Projects

The EIT Raw Materials 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 Raw Materials 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 Raw Materials 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 PROOF OF CONCEPT GRANTS 2023

The ERC Proof of Concept Grants aim at facilitating exploration of the commercial and social innovation potential of ERC funded research, by funding further work (i.e. activities which were not scheduled to be funded by the original ERC frontier research grant) to verify the innovation potential of ideas arising from ERC funded projects. Proof of Concept Grants are therefore on offer only to Principal Investigators whose proposals draw substantially on their ERC funded research.

Deadlines: 21/09/23
More 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.

Deadline: 23/05/2023
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=tksCebnM03Y

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 Feedback To Policy 2023
HORIZON-MSCA-2023-FTP-01-01. Bando a singolo stadio
Scadenza il 6 giugno 2023

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 2023
HORIZON-MSCA-2023-DN-01. Bando a singolo stadio
Scadenza il 28 novembre 2023

MSCA Doctoral Networks 2024
HORIZON-MSCA-2024-DN-01-01 Bando a singolo stadio
Scadenza il 27 novembre 2024

MSCA International Cooperation 2024
HORIZON-MSCA-2024-INCO-01-01 Bando a singolo stadio
Scadenza 4 settembre 2024

MSCA Cofund 2023
HORIZON-MSCA-2023-COFUND-01-01 Bando a singolo stadio
Scadenza 8 febbraio 2024

MSCA Researchers at Risk 2024
HORIZON-MSCA-2024-RR-01-01 Bando a singolo stadio
Scadenza 14 gennaio 2025

MSCA Staff Exchanges 2023

HORIZON-MSCA-2023-SE-01-01 Bando a singolo stadio

Scadenza 28 febbraio 2024

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 Staff Exchanges 2024

HORIZON-MSCA-2023-SE-01-01 Bando a singolo stadio

Scadenza 5 marzo 2025

MSCA Postdoctoral Fellowships 2024

HORIZON-MSCA-2024-PF-01-01. Bando a singolo stadio

Scadenza il 11 settembre 2024

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: 13/04/2023; 29/09/2023; 11/04/2024

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: 20/04/2023; 27/04/2023; 20/09/2023; 05/10/2023; 07/02/2024; 19/03/2024; 24/09/2024.

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 destination: 20/04/2023; 27/04/2023; 05/09/2023; 20/09/2023; 10/10/2023; 16/01/2024; 18/04/2024; 05/09/2024.

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: 27/04/2023; 20/09/2023; 26/09/2023; 21/02/2024; 22/02/2024; 17/09/2024; 28/07/2024.
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.
-

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

Additional info are available at this link.

INFO-DAYS_VIDEO

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:

IC *giuseppe.pappalardo@cnr.it*
ICB *mariarita.canfora@icb.cnr.it*
ICCOM *ilaria.santoni@cnr.it*
ICMATE *monica.favaro@cnr.it, silvia.schiavon@cnr.it*
IPCB *roberta.marzella@cnr.it*
IPCF *giovanni.barcaro@cnr.it*
ISMN *ilaria.bergenti@cnr.it*
ISOF *luisa.tondelli@isof.cnr.it*
ISTEC *laura.silvestroni@cnr.it*
ITM *valentina.tortelli@cnr.it*
SCITEC *alessandro.ponti@scitec.cnr.it*
DSCTM *emiliano.pulvirenti@cnr.it*
UREI Bruxelles e ICMATE *angelo.volpi@cnr.it*