

12/2022. Il notiziario della ricerca Ultime notizie e aggiornamenti dall'Unità Dipartimentale di Supporto alla Ricerca del DSCTM

Sommario

INIZIATIVE INFORMATIVE/FORMATIVE	2
11 Ottobre 2022 ore 16.00-16.30. EU Webinar: “Horizon IP Scan - Info Session”	2
12 Ottobre 2022 ore 10.30-12.00. EU Webinar: “IP Commercialisation and Licensing”	2
19 Ottobre 2022 ore 10.30-12.00 EU Webinar: “IPR & Software”	3
20 Ottobre 2022 ore 10.00-12.30. Webinar: “Come leggere un bando di finanziamento alla ricerca: guida per Ricercatori&Tecnologi”	3
20 Ottobre 2022 ore 9.30-11.00 EU Webinar EPO COOP: “Patent protection for EU funding beneficiaries - Digital communication”	3
European Innovation Council and SMEs Executive Agency	3
20 Ottobre 2022 ore 10.00-12.00 EU Webinar: “Lump Sum Funding in Horizon Europe: How does it work? How to write a proposal?”	3
26 Ottobre 2022 ore 10.30-12.00. EU - Webinar: “Technology Transfer”	3
27 Ottobre 2022 ore 10.30-12.00. EU Webinar “Consortium Agreement”	4
11 Novembre 2022 ore 10.30-12.00. EU Webinar: “Effective IP and Outreach Strategies Help Increase the Impact of Research and Innovation”	4
BANDI	4
NAZIONALI e REGIONALI	4
Accordi di cooperazione scientifica del CNR con Enti di Ricerca Europei ed Internazionali.	4
MUR. Bando Smarter Italy	5
MUR. Bando PRIN 2022	5
MAECI. Avviso per la raccolta di progetti congiunti di ricerca nell’ambito del Programma Esecutivo di Cooperazione Scientifica e Tecnologica tra Italia e Egitto per il triennio 2023-2025	6
MISE Progetti di ricerca, sviluppo e innovazione per la transizione ecologica e circolare negli ambiti del Green New Deal italiano.	6
MISE Bando PNRR per la realizzazione di programmi di valorizzazione dei Brevetti tramite il finanziamento di Proof of Concept per Università, EPR e IRCCS	7
LAZIO INNOVA “DIGITAL CONTAMINATION LAB”	7
ESA BIC Lazio - Open Call for Proposals for the European Space Agency Business Incubation Centre Lazio. Prototipazione, sviluppo del nuovo prodotto/servizio e tutela di proprietà intellettuale di startup	7
Telethon multi-round Call for research projects 2021 – 2024	8
EUROPEI	8
LIFE PROGRAMME CALL FOR PROPOSALS (LIFE)	8
European Regional Development Fund (ERDF)	9
European Defence Fund (EDF)	9

EIT Manufacturing Moonshot Call: manufacturing Decarbonization	9
COST – European Cooperation in Science & Technology	9
EU-CLEAN ENERGY TRANSITION PARTNERSHIP (CETPARTNERSHIP) CALL	10
EU-Interreg Euro-MED CALL 2	10
EU- Water4All 2022 Joint Transnational Call	11
EU- ERA-MIN Joint Call	11
EIT Manufacturing 2nd EIT Manufacturing Call 2023 for Innovation, Education and Business Creation proposals	11
The European Biodiversity Partnership Biodiversa+: Improved transnational monitoring of biodiversity and ecosystem change for science and society	12
DRIVING URBAN TRANSITIONS (DUT Call 2022)	12
EU4 Health Programme (EU4H)	13
HORIZON EUROPE.....	13
European Research Council - ERC	13
Marie Skłodowska-Curie Actions – MSCA	15
CLUSTER 4. DIGITAL, INDUSTRY SPACE	15
CLUSTER 5. CLIMATE, ENERGY AND MOBILITY	16
The European Innovation Council (EIC)	16
Widening participation and spreading excellence	17
CONTATTI	18

INIZIATIVE INFORMATIVE/FORMATIVE

11 Ottobre 2022 ore 16.00-16.30. EU Webinar: “Horizon IP Scan - Info Session”

EURICE - European Research & Project Office

This short session of 20 min is intended to give all interested parties an insight into the background of this innovation support initiative of the EC. Helping SMEs manage and valorise Intellectual Property (IP) in R&I collaborations.

https://intellectual-property-helpdesk.ec.europa.eu/news-events/events/horizon-ip-scan-info-session-2022-10-11_en

12 Ottobre 2022 ore 10.30-12.00. EU Webinar: “IP Commercialisation and Licensing”

European Innovation Council and SMEs Executive Agency

The webinar will provide an overview of key aspects in the field of intellectual property licensing, including negotiation tips and legal traps.

https://intellectual-property-helpdesk.ec.europa.eu/news-events/events/eu-webinar-ip-commercialisation-and-licensing-2022-10-12_en

19 Ottobre 2022 ore 10.30-12.00 EU Webinar: “IPR & Software”

Executive Agency for Small and Medium-sized Enterprises

This webinar will look at some specific issues concerning the protection and exploitation of software, such as the most appropriate IP Rights to use (e.g. patents, database rights, etc), and different exploitation models for design tools, product and services (e.g. Open Source licensing, start-ups, etc). This webinar is relevant for all those involved with developing and exploiting software tools, products and services; or acquiring or licensing it in; whether they are SMEs, large companies or researchers.

https://intellectual-property-helpdesk.ec.europa.eu/news-events/events/eu-webinar-ipr-software-2022-10-19_en

20 Ottobre 2022 ore 10.00-12.30. Webinar: “Come leggere un bando di finanziamento alla ricerca: guida per Ricercatori&Tecnologi”

UDVR-DSCTM

Il webinar si focalizzerà sulla lettura di un bando di finanziamento alla ricerca, con lo scopo di evidenziare i punti principali cui un ricercatore/tecnologo deve fare attenzione nella preparazione della proposta progettuale e nella definizione del budget. Si percorrerà la struttura tipica di un bando di finanziamento, facendo riferimento alle tipologie di bando di maggiore interesse, europee, nazionali e regionali. Il webinar è rivolto al personale che sente di non avere un'adeguata competenza in materia.

Per partecipare collegarsi al seguente [link](#).

20 Ottobre 2022 ore 9.30-11.00 EU Webinar EPO COOP: “Patent protection for EU funding beneficiaries - Digital communication”

European Innovation Council and SMEs Executive Agency

This IP training session is part of a brand-new lecture series, organised in co-operation with the European Patent Academy of the EPO, that addresses the IP-related aspects of EU-funded projects in five areas: It introduces the main aspects of IP management: notably IP ownership, protection and exploitation. Each lecture explores the interface between patents and the respective technical field. The lectures may be of interest to a variety of audiences, from researchers to technology transfer officers.

https://intellectual-property-helpdesk.ec.europa.eu/news-events/events/eu-webinar-epo-coop-patent-protection-eu-funding-beneficiaries-digital-communication-2022-10-20_en

20 Ottobre 2022 ore 10.00-12.00 EU Webinar: “Lump Sum Funding in Horizon Europe: How does it work? How to write a proposal?”

European Commission

Topics of the event:

- Lump Sum Funding: What do I need to know?
- Lump Sum Quick Guide
- Lump Sum in Horizon Europe on the Funding & Tenders Portal

<https://ec.europa.eu/research/participants/docs/h2020-funding-guide/other/event221020.htm>

26 Ottobre 2022 ore 10.30-12.00. EU - Webinar: “Technology Transfer”

European Innovation Council and SMEs Executive Agency

Technology transfer is a complex process that involves many non-scientific and non-technological factors, and many different stakeholders. Good or high quality research results are not enough for successful technology transfer; general awareness and willingness both at the level of organisations

and individuals, as well as skills and capacity related to specific aspects, such as access to risk finance and intellectual property (IP) management, are also necessary components.

https://intellectual-property-helpdesk.ec.europa.eu/news-events/events/eu-webinar-technology-transfer-2022-10-26_en

27 Ottobre 2022 ore 10.30-12.00. EU Webinar “Consortium Agreement”

European Innovation Council and SMEs Executive Agency

The Consortium Agreement (CA) specifies the rights and obligations of the project partners. For example, it contains provisions about internal organisation and decision-making, financial questions and the handling of intellectual property rights. A CA is obligatory for most projects and should be signed prior to the Grant Agreement (GA).

https://intellectual-property-helpdesk.ec.europa.eu/news-events/events/eu-webinar-consortium-agreements-2022-10-27_en

11 Novembre 2022 ore 10.30-12.00. EU Webinar: “Effective IP and Outreach Strategies Help Increase the Impact of Research and Innovation”

European Innovation Council and SMEs Executive Agency

This webinar will put a particular spotlight on the role of communication, dissemination and exploitation in maximising the impact of Horizon 2020 projects.

https://intellectual-property-helpdesk.ec.europa.eu/news-events/events/eu-webinar-consortium-agreements-2022-10-27_en

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:

Accordo di cooperazione scientifica CNR/Royal Society of Edinburgh (RSE), Scozia

Deadline 27/10/2022

Type of action: Progetti Comuni di Ricerca

Topic: Cambiamenti climatici; Salute; Scienze marine

L’Accordo prevede il finanziamento di massimo 3 progetti, con un contributo annuale massimo, per parte, di Euro 3.500 per ciascun progetto.

Accordo di cooperazione scientifica CNR/Romanian Academy (RA), Romania

Deadline 02/11/2022

Type of action: Progetti Comuni di Ricerca

Topic: tutte le aree disciplinari

L’Accordo prevede il finanziamento di massimo 5 progetti, con un contributo annuale massimo, per parte, di Euro 4.000 per ciascun progetto.

Accordo di cooperazione scientifica CNR/Ministry of Education and Sport of the Republic of Albania (MoES), Albania

Deadline 07/11/2022

Type of action: Progetti Comuni di Ricerca

Topic: tutte le aree disciplinari

L'Accordo prevede il finanziamento di massimo 10 progetti, con un contributo annuale massimo, per parte, di Euro 2.500 per ciascun progetto.

Le diverse modalità di partecipazione sono disponibili al sito:

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

MUR. Bando Smarter Italy

Type of action: appalti innovativi

Topic: soluzioni innovative per il miglioramento della mobilità delle merci

Con una dotazione di oltre 90 milioni di euro, il programma "Smarter Italy" ha l'obiettivo di promuovere l'innovazione stimolando il mondo delle imprese e della ricerca a creare nuove soluzioni per rispondere alle sfide sociali più complesse negli ambiti della mobilità, del benessere, della cultura e della sostenibilità ambientale. Nella sperimentazione sono coinvolte 11 medie e grandi città, dette "Smart City", e 12 città di minori dimensioni, dette "Borghi del Futuro".

La sfida proposta consiste nell'ideare e sviluppare soluzioni originali di Smart Mobility che riducano l'impatto della mobilità delle merci sul traffico urbano e sull'ecosistema, contribuendo a raggiungere gli impegni presi dall'Italia in relazione agli obiettivi di sostenibilità posti dall'Agenda 2030 dell'ONU.

Scadenza 28/10/2022

<https://www.mur.gov.it/it/news/mercoledi-14092022/smarter-italy-pubblicato-il-secondo-bando-sulla-mobilita-urbana-sostenibile>

MUR. Bando PRIN 2022

Finanziamento di progetti di ricerca pubblica. Topic: Scienze della vita (LS); Scienze fisiche, chimiche e ingegneristiche (PE); Scienze sociali e umanistiche (SH)

Il programma PRIN (Progetti di ricerca di Rilevante Interesse Nazionale) è destinato al finanziamento di progetti di ricerca pubblica, al fine di promuovere il sistema nazionale della ricerca, di rafforzare le interazioni tra università ed enti di ricerca in linea con gli obiettivi tracciati dal Piano Nazionale di Ripresa e Resilienza (PNRR) e favorire la partecipazione italiana alle iniziative relative al Programma Quadro di ricerca e innovazione dell'Unione Europea. A tale scopo, il programma PRIN finanzia progetti biennali che per complessità e natura possono richiedere la collaborazione di più professori/ricercatori.

Scadenza 30/11/2022

<https://www.mur.gov.it/it/atti-e-normativa/decreto-direttoriale-n-1409-del-14-9-2022>

Sul sito <https://prin.mur.gov.it/> sono resi disponibili tutti gli allegati al presente bando e il fac-simile per la presentazione delle domande; la modulistica compilabile è resa disponibile a partire dalle ore 15.00 del 18 ottobre 2022

MAECI. Avviso per la raccolta di progetti congiunti di ricerca nell'ambito del Programma Esecutivo di Cooperazione Scientifica e Tecnologica tra Italia e Egitto per il triennio 2023-2025

Type of action: progetti congiunti di ricerca

Topic/destination:

1. Renewable and sustainable Energy
2. Material Science and Engineering
3. Water management, agriculture and food technology
4. Smart cities and big data management (e.g., health data and Covid-19 modelling, service industry, and technology management)
5. New Technologies applied to Cultural and Natural Heritage

The Italian Ministry of Foreign Affairs and International Cooperation and the Ministry of Scientific Research of Egypt are opening a call for proposals for the Executive Programme of Scientific and Technological Cooperation for the years 2023-2025.

Funding for projects selected and listed in the Executive Programme will be provided on a yearly basis. The coordinating Institution is expected to anticipate all project expenses and will be reimbursed on a yearly basis, upon submission of the financial documents and positive evaluation of the corresponding scientific report. The contribution granted by MAECI to "Joint Research Projects" is intended as co-funding support for the project, and therefore co-funding by the coordinating Italian Institution of approximately 50% of the total costs of the project is mandatory. Co-funding can include salaries of the involved personnel and indirect costs. Any other financial contribution from public or private, Italian or Egyptian Institutions, will be positively evaluated. The average cost of a projects is approximately 60-70 K€/year, including co-funding by the applying institution.

Scadenza 27/10/2022

Maggiori info al seguente [link](#).

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.

Presentazione domande dal 17 novembre 2022

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

Decreto direttoriale 23 agosto 2022 - Green New Deal. Termini e modalità di presentazione delle domande

<https://www.mise.gov.it/index.php/it/normativa/decreti-direttoriali/decreto-direttoriale-23-agosto-2022-green-new-deal-termini-e-modalita-di-presentazione-delle-domande>

MISE Bando PNRR per la realizzazione di programmi di valorizzazione dei Brevetti tramite il finanziamento di Proof of Concept per Università, EPR e IRCCS

Con 8,5 milioni di euro di risorse messe a disposizione dal PNRR (Missione 1 “Digitalizzazione, innovazione competitività, cultura e turismo”-Componente 2“Digitalizzazione, innovazione e competitività nel sistema produttivo”– Investimento 6 “Sistema della proprietà industriale”), saranno finanziate attività di valorizzazione dei brevetti promosse da Università, Enti pubblici di ricerca e IRCCS attraverso progetti Proof of Concept (PoC).

È quanto prevede il nuovo bando del Ministero dello sviluppo economico, pubblicato in Gazzetta ufficiale, che rende operativa la misura destinata a sostenere lo sviluppo delle invenzioni brevettate dal mondo della ricerca al fine di favorire il trasferimento tecnologico e l’innovazione da parte del sistema industriale.

<https://www.mise.gov.it/index.php/it/notizie-stampa/pnrr-e-al-via-nuovo-bando-per-brevetti-dal-24-settembre-le-domande-per-progetti-proof-of-concept>

LAZIO INNOVA “DIGITAL CONTAMINATION LAB”

DIGITAL CONTAMINATION LAB è un percorso creato da Lazio Innova in collaborazione con Università degli studi della Tuscia, Università degli Studi di Cassino e del Lazio Meridionale, Dipartimento di Management e impresa della Facoltà di Economia dell’Università La Sapienza, Centro Interdipartimentale Sapienza Design Research, Accademia delle Belle Arti di Frosinone e ISIA Roma Design, destinato a studenti universitari, laureati, ricercatori, docenti, creativi, designer, professionisti, startupper per sviluppare idee e progetti imprenditoriali innovativi in appositi gruppi di lavoro multidisciplinari.

Lazio Innova e gli EPR aderenti intendono promuovere l’incontro e la contaminazione tra idee e competenze diverse, allo scopo di generare le condizioni ideali per lo sviluppo di progetti innovativi a vocazione imprenditoriale nel territorio laziale, con particolare riferimento ai seguenti settori: Transizione Digitale, Transizione Ecologica, Cultura e Turismo.

La scadenza per la sottomissione delle candidature è: 20/10/2022.

<https://www.lazioinnova.it/bandi/digital-contamination-lab/>

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

<https://www.lazioinnova.it/bandi/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>

EUROPEI

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:

- [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
 - [LIFE-2022-CET \(LIFE-2022-CET\)](#): n. 18 nuovi topics, Deadline date 16/11/2022
-

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 is 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

Le azioni COST non finanziano direttamente la ricerca, ma strumenti di networking come workshop, conferenze, scuole di formazione, missioni scientifiche a breve termine e attività di diffusione. L'approccio è bottom-up e riguarda diversi settori scientifici e tecnologici.

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

EU-CLEAN ENERGY TRANSITION PARTNERSHIP (CETPARTNERSHIP) CALL

joint transnational projects

This call module targets projects driven by local and regional need-owners that collaborate in close connection with relevant research organisations as well as solution providers from public and private sector to meet the individual regional and local requirements.

An estimated total budget of over 100 million euros will be made available to boost and accelerate the energy transition.

The CET Partnership aims to empower the clean energy transition and contribute to the EU's goal of becoming the first climate-neutral continent by 2050, by pooling 70 national and regional RDTI funding for a broad variety of technologies and system solutions required to make the transition.

TRI 1: Integrated Net-zero-emissions Energy System

TRI 2: Enhanced zero emission Power Technologies

TRI 3: Enabling Climate Neutrality with Storage Technologies, Renewable Fuels and CCS (Carbon Capture and Storage) and CCU (Carbon Capture and Utilisation)

TRI 4: Efficient zero emission Heating and Cooling Solutions

TRI 5: Integrated Regional Energy Systems

TRI 6: Integrated Industrial Energy Systems

TRI 7: Integration in the Built Environment

Deadline

-pre-proposals: 23 November 2022

-full proposals: 20 March 2023

<https://www.cetpartnership.eu/calls/joint-call-2022>

EU-Interreg Euro-MED CALL 2

Study, test and transfer projects

The call is targeted to thematic projects focused on the "Smarter and Greener Mediterranean" Programme priorities.

1. Smarter Mediterranean:

- 1.1 "Developing and enhancing research and innovation capacities and the uptake of advanced technologies".

2. Greener Mediterranean:

- 2.6 "Promoting the transition to a circular and resource-efficient economy",

- 2.4 "Promoting climate change adaptation and disaster risk prevention, resilience, taking into account eco-system-based approaches",

- 2.7 “Enhancing protection and conservation of nature, biodiversity and green infrastructure including in urban areas and reducing all forms of pollution”

Call Deadline: 27 October 2022

<https://interreg-euro-med.eu/en/call-2-thematic-projects/>.

EU- Water4All 2022 Joint Transnational Call

Study, test and transfer projects

The joint transnational call will be launched in the framework of the European partnership Water4All and will support research and innovation projects aimed at delivering knowledge, models, approaches, tools and methodologies to better understand hydrological processes at different scale, in order to respond more efficiently to emerging water issues related to extreme events.

In line with the strategic objectives of Water4All, the results of the projects will contribute to the implementation of evidence-based, global, EU and national water management policies and strategies, within the frameworks of the Green Deal, the Water Framework Directive, Just Transition and the United Nations Sustainable Development Goals. Furthermore, governance playing a key role in water challenges, the 2022 Joint Transnational Call will seek for innovative governance models, and enhanced participation of stakeholders in water management issues related to extreme events. Topic 1. Resilience, adaptation and mitigation to hydroclimatic extreme events

- Topic 2. Tools for water management - in the context of hydroclimatic extreme events

- Topic 3. Improved water governance in the context hydroclimatic extreme events and international contexts

Call Deadline: 31 October 2022: Pre-proposal. 20 March 2023: Full-proposal

<http://www.waterjpi.eu/joint-calls/joint-call-2022-water4all>.

EU- ERA-MIN Joint Call

Raw materials for the sustainable development and the circular economy

ERA-NET Cofund on Raw Materials (ERA-MIN3 2022-2025)

Not Yet Open: The ERA-MIN Joint Transnational Call 2023 is the second joint call of ERA-MIN3 and will be officially launched on 7th December 2022.

<https://www.era-min.eu/news/first-pre-announcement-era-min-joint-transnational-call-2023>

EIT Manufacturing 2nd EIT Manufacturing Call 2023 for Innovation, Education and Business Creation proposals

Type of actions: innovation ecosystems

Topic: Automation for human-centred factories

- Smart technologies for circular and green manufacturing
- Innovative solutions addressing industrial challenges caused by global crises

Proposals for education activities in the areas of:

- Innovation and Entrepreneurship Skills for Manufacturing (skill-driven learning): Complete digital learning program to support learners to develop the competencies for transforming innovations into products and services in the manufacturing sector
 - Circular Manufacturing (skill-driven learning): Didactic game for creating awareness and develop basic skills in Circular Economy and sustainability in manufacturing shopfloor workers.
-

- Skills for EIT Manufacturing thematics (skill-driven learning): Upskilling and reskilling of current workforce in the manufacturing sector by supporting learners in the development of the needed technical skills.
- Summer School for EIT Manufacturing Master School programmes and Doctoral School annual programme 2023 (pioneering learning journeys): innovative added value modules for EIT Labelled programs.
- Proposals for Business Creation are meant to pilot a pre-acceleration programme to launch the next generation of European high-growth manufacturing startups and spinoffs.

EIT Manufacturing is looking for projects and organisations ready to transform the European manufacturing and meet the global demands of present and future generations by achieving:

- **Flexible Production Systems for Competitive Manufacturing.** Emerging technologies enable almost limitless product design and production flexibility, allowing full customisation.
- **Low Environmental Footprint Systems & Circular Economy for Green Manufacturing.** Using new technologies to minimise use of resources, energy, and material in production systems to enable new circular business models.
- **Digital & Collaborative Solutions for Innovative Manufacturing Ecosystems.** Collaboration and business on digital platforms and value networks enable companies to create new and highly efficient value chains.
- **Human-machine co-working for socially sustainable manufacturing.** Smart use of automation and robots enables great workplaces, flexible production, and sustainable human work.

Deadline 10/11/2022

<https://www.eitmanufacturing.eu/calls/now-open-2nd-call-for-proposals-2023/>

The European Biodiversity Partnership Biodiversa+: Improved transnational monitoring of biodiversity and ecosystem change for science and society

Type of actions: transnational research projects

Topics: all environments

Biodiversa+ is the new European co-funded biodiversity partnership supporting excellent research on biodiversity with an impact for policy and society. Projects combining aspects from several themes are encouraged. The projects funded by this call should allow us to better characterize, understand and report on the state and trends of biodiversity.

The call covers all environments, i.e. terrestrial, freshwater and marine in Europe and beyond.

Deadline

- pre-proposals: 9 November 2022

- full proposals at the second step: 5 April 2023

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

DRIVING URBAN TRANSITIONS (DUT Call 2022)

Type of actions: transnational research and/or innovation projects

Topics

Positive Energy Districts Pathway (PED):

PED topic 1: Energy communities – energy transition driven by civil society

PED topic 2: Energy flexibility strategies – technological, legal, societal challenges

PED topic 3: Energy efficiency in existing urban structures

15-minutes City Pathway (15mC):

15mC topic 1: Strengthen the mix of urban functions and services

15mC topic 2: Foster sustainable options for personal mobility and logistics in urban outskirts (and beyond)

15mC topic 3: (Re)imagine urban public spaces and streets for vibrant, sustainable neighbourhoods

Circular Urban Economies Pathway (CUE):

CUE topic 1: Urban Resource Sharing and Circularity

CUE topic 2: Nature-based solutions (NBS)

CUE topic 3: Urban food systems

The purpose of this Call is to support transnational research and/or innovation projects addressing urban challenges to help cities in their transition towards a more sustainable economy and functioning. Each proposal must involve, at least, three partners from three countries of this list and eligible for funding by their respective national/regional Funding Agency. The added value of transnational collaboration should be clearly stated. The Call is opened to a wide range of scientific disciplines and welcomes interdisciplinary approaches. It intends to support a large range of activities, from research to innovation and implementation. It also asks to engage explicitly stakeholders (companies, public authorities, NGOs...) in the projects and to consider users' needs in the identification of the project goals.

Pre-proposal submission deadline: 21 November 2022

Full proposals submission deadline: 3 May 2023

https://dutpartnership.eu/dut_call_2022/

EU4 Health Programme (EU4H)

Type of actions: EU4H Project Grants

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

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.

Deadline: 21/02/2023

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

HORIZON EUROPE

European Research Council - ERC

ERC Synergy Grant 2023

The aim is to provide support for a small group of two to four Principal Investigators to jointly address ambitious research problems that could not be addressed by the individual Principal Investigators and their teams working alone. Synergy projects should enable substantial advances at the frontiers of knowledge, stemming, for example, from the cross-fertilization of scientific fields, from new productive lines of enquiry, or new methods and techniques, including unconventional approaches and investigations at the interface between established disciplines. The transformative research funded by Synergy Grants should have the potential of becoming a benchmark on a global

scale.

Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal. Principal Investigators must also demonstrate that their group can successfully bring together the scientific elements necessary to address the scope and complexity of the proposed research question.

Synergy Grants may be awarded up to a maximum of EUR 10 000 000 for a period of 6 years.

The 'Synergy Grant Group' applying for the ERC Synergy Grant must be made up of a minimum of two and a maximum of four Principal Investigators with competitive track records and, as necessary, their teams. Each Principal Investigator must present as part of the proposal either an early achievement track-record or a 10-year track-record, whichever is most appropriate for their career stage.

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

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

ERC Starting Grant 2023

The ERC Starting Grants are designed to support excellent Principal Investigators at the career stage at which they are starting their own independent research team or programme. Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their scientific proposal. The Principal Investigators shall have successfully defended their first PhD at least 2 and up to 7 years prior to 1 January 2023. Cut-off dates: Successful defence of PhD between 1 January 2016 and 31 December 2020 (inclusive).

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

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

ERC Consolidator Grant 2023

Researchers of any nationality with 7-12 years of experience since completion of PhD (Extensions are possible under certain circumstances — see the latest ERC Work Programme), a scientific track record showing great promise and an excellent research proposal.

Prospective applicants to the 2023 Starting and Consolidator Grant Calls should note that the ERC is aiming to change the PhD reference date for the calculation of the eligibility period from the date of the actual award according to the national rules of the country where the degree was awarded to the date of the successful PhD defence. Whenever the PhD certificate does not show the PhD defence date, applicants should provide a written confirmation from the awarding institution stating the said date. This change will bring both clarity to the prospective candidates and significant simplification to the eligibility process

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

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

ERC Advanced Grant 2023

Applicants for the ERC Advanced Grants - called Principal Investigators (PI) - are expected to be active researchers who have a track-record of significant research achievements in the last 10 years. The Principal Investigators should be exceptional leaders in terms of originality and significance of their research contributions. No specific eligibility criteria with respect to the academic requirements are foreseen.

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 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

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 (27/10/2022; 16/11/2022)

Il testo dei topics 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.

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

Il testo dei bandi e le condizioni di partecipazione sono consultabili a questo [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.

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](#)

Calls deadline: 19/10/2022

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 Talents [HORIZON-WIDERA-2022-TALENTS-03-01](#)

Deadline 15/11/2022

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:

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