

30/2024. IL NOTIZIARIO DELLA RICERCA

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EVENTI INFORMATIVI/FORMATIVI

4 July 2024 09.30-12.30 EU Webinar Research Fund for Coal and Steel: Info Day Annual Calls 2024.

The Research Fund for Coal and Steel (RFCS) is the EU funding programme supporting research and demonstration projects in the coal and steel sectors.

In 2024, the RFCS annual calls make available EUR 40 million to finance the transition to digital, green, and circular coal and steel sectors. Around 70% of the funding will be used to finance steel projects, while the other 30% will support coal projects.

The info day gives you the opportunity to get more information on the topics of the calls for proposals and to learn the best practices for a successful submission. It is also an occasion to discuss potential project ideas, synergies, and network.

Additional info and registration link are available [here](#).

9 Luglio 2024 10.00-13.00 Webinar Il bando ERC Synergy Grant 2025.

Personale dell'Agenzia Esecutiva ERC, esperti di valutazione di proposte Synergy e vincitori di progetto daranno tutte le informazioni utili a conoscere il bando e a preparare una proposta competitiva.

Le iscrizioni agli eventi dovranno essere effettuate attraverso l'applicazione GesFor (<https://gestione.formazione.cnr.it>) alla sezione Gestisci Iscrizioni. L'accesso richiede autenticazione con credenziali standard CNR.

11 Luglio 2024 10.00-13.00 Webinar I bandi individuali ERC Starting, Consolidator e Advanced grants 2025.

Personale dell'Agenzia Esecutiva ERC e vincitori di progetto daranno tutte le informazioni utili a conoscere i diversi bandi individuali ERC, e a preparare una proposta competitiva.

*Le iscrizioni agli eventi dovranno essere effettuate attraverso l'applicazione GesFor (<https://gestione.formazione.cnr.it>) alla sezione **Gestisci Iscrizioni**. L'accesso richiede autenticazione con credenziali standard CNR.*

NUOVI BANDI DI FINANZIAMENTO ALLA RICERCA

Strategic Projects under the Critical Raw Materials Act.

Strategic raw materials are crucial for the success of the green and digital transitions as well as the resilience of the defence and aerospace sectors. The European Critical Raw Materials Act (CRMA) designates strategic projects to increase EU capacity to extract, process and recycle strategic raw materials and diversify EU supplies from third countries. Strategic projects make a meaningful contribution to the security of the Union's supply of strategic raw materials. They are or will become technically feasible within a reasonable timeframe, showing expected production volumes, and implemented sustainably with a sufficient estimated confidence level. The Commission considers strategic projects of public interest due to their importance in ensuring the security of the supply of strategic raw materials and safeguarding the functioning of the internal market.

Project promoters shall submit applications for recognition of a critical raw material project as a strategic project to the Commission. Any project for the extraction, processing, recycling or

substitution of any of the strategic raw materials listed in Annex I of the CRMA can be recognised as strategic if it meets the applicable criteria.

Deadline: 22/08/2024

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

Coal and Steel Research Projects (RFCS Project Grants)

RFCS is a EU funding programme supporting research projects in the coal and steel sectors. The RFCS has its own legal bases and stands outside the Multiannual Financial Framework. It is funded via the revenues generated by the European Coal and Steel Community (ECSC) in liquidation assets, which are exclusively devoted to research in the sectors related to the coal and steel industry, in accordance with the provisions of Protocol (37) to the Treaties. The RFCS Research Programme has the following research objectives:

Coal sector:

- Supporting the just transition of the coal sector and regions;
- Improving health and safety;
- Minimising the environmental impacts of coal mines in transition

Steel sector:

- New, sustainable and low-carbon steelmaking and finishing processes;
- Advanced steel grades and applications;
- Conservation of resources, protection of the environment and circular economy;
- Management of work force and working conditions

Deadline: 24/09/2024

More info at this [Link](#)

Biodiversa+ 2023 - 2024 joint call

transnational research projects: Biodiversity and Transformative Change

BiodivTransform is about connecting science, society, policy, and practice to drive transformative change for biodiversity. So, funded projects will demonstrate both academic excellence and the potential to impact society and policy.

The call is planned to be officially launched on 10 September 2024

Pre-proposals: early November 2024.

Full Proposals: early April 2025.

More info at this [Link](#)

BANDI DI FINANZIAMENTO ALLA RICERCA ANCORA APERTI

Nazionali e Regionali

Accordo di cooperazione scientifica CNR/Japan Society for the Promotion of Science (JSPS), Giappone

Progetti Comuni di Ricerca in tutte le aree disciplinari: In relazione alle attività previste dall'Accordo di cooperazione scientifica e tecnologica tra Consiglio Nazionale delle Ricerche (CNR) e Japan Society for the Promotion of Science (JSPS), Giappone, si comunica che sono state avviate le procedure previste per la selezione di progetti comuni di ricerca ammissibili a sostegno finanziario. L'Accordo tra CNR e JSPS prevede il finanziamento di massimo 4 (quattro) progetti, con un contributo annuale massimo, per parte, di Euro 8.000 per ciascun progetto.

Deadline: 03/09/2024

Informazioni al seguente [link](#)

Accordo di cooperazione scientifica CNR/Shota Rustaveli Nat. Sc. Foundation, Georgia

In relazione alle attività previste dall'Accordo di cooperazione scientifica e tecnologica tra Consiglio Nazionale delle Ricerche (CNR) e il Shota Rustaveli National Science Foundation (SRNSF), Georgia, si comunica che sono state avviate le procedure previste per la selezione di progetti comuni di ricerca ammissibili a sostegno finanziario. L'Accordo tra CNR e SRNSF prevede il finanziamento di massimo 10 (dieci) progetti, con un contributo annuale massimo, per parte, di Euro 5.000 per ciascun progetto.

Progetti comuni di ricerca in:

- Patrimonio culturale
- Nuove tecnologie applicate al Patrimonio culturale
- Biomedicina
- Scienze chimiche e tecnologia dei materiali
- Terra e ambiente

Deadline: 13/09/2024

Informazioni al seguente [link](#)

Ministero delle Imprese e del Made in Italy.

L'intervento è destinato al sostegno dei progetti realizzati nelle Regioni meno sviluppate (Basilicata, Calabria, Campania, Molise, Puglia, Sardegna e Sicilia). Gli organismi di ricerca possono partecipare alle attività di progetto in qualità di prestatori di servizi di consulenza e ricerca contrattuale.

Come stabilito dall'articolo 5, comma 4, lettera d), punto ii), del DD 07/05/2024, in sede di valutazione dei programmi presentati, sarà oggetto di positiva valutazione il contributo dei servizi di consulenza e ricerca contrattuale prestati dagli organismi di ricerca, sulla base delle caratteristiche individuate dai paragrafi 1, 2 e 3 del punto ii) del bando. verranno finanziati progetti di ricerca industriale e sviluppo sperimentale nelle traiettorie della Strategia nazionale di specializzazione intelligente o di evoluzione delle stesse nell'ambito di:

- materiali avanzati e nanotecnologia;
- fotonica e micro/nano elettronica;
- sistemi avanzati di produzione;
- tecnologie delle scienze della vita;
- intelligenza artificiale;
- connessione e sicurezza digitale

Scadenza: Le domande possono essere presentate a partire dal 10 luglio 2024 fino ad esaurimento delle risorse finanziarie disponibili

Informazioni al seguente [link](#)

Ministero degli Affari Esteri e della Cooperazione Internazionale.

Avviso per la raccolta di progetti di ricerca congiunti, finalizzato al rinnovo del Protocollo Esecutivo per la Cooperazione Scientifica e Tecnologica tra Italia e India per il triennio 2025-2027, nei settori:

- **mobilità:** Information and communication technologies and Artificial Intelligence, Biotechnology & sustainable agrifood, Astrophysics and Space Science, Chemical sciences, Climate change and Geohazards, Advanced Manufacturing
- **grande rilevanza:** Infectious Diseases, Physics of matter and new materials, Quantum technologies, Renewable Energies and Green Hydrogen, Technologies applied to preserve cultural and heritage sites, Sustainable Blue Economy: Ecological and environmental modeling of terrestrial and marine ecosystems.

Gli schemi di finanziamento sono I seguenti:

- "Exchange of Researchers This funding scheme aims at supporting the exchange of researchers between collaborating laboratories in both countries. Only the expenses for travel and subsistence are funded by both Parties. Preference will be given to projects involving early career scientists.
- "Joint Research Projects": joint research projects where research activities are co-funded by both Parties.

Scadenza: 31/07/2024

Altre info su questo [Link](#)

Artes 4.0 Progetti di Ricerca Industriale e Sviluppo Sperimentale presentati da imprese.

Il CC ARTES 4.0 tramite il presente Bando con accesso a sportello intende finanziare progetti di Ricerca Industriale e Sviluppo Sperimentale (RI&SS) presentati da imprese **in collaborazione con Organismi di Ricerca**. I finanziamenti erogati tramite il presente Bando sono riferibili al piano per la ripresa e la resilienza dell'Italia (PNRR). In particolare, i fondi sono erogati nell'ambito della Missione 4 - Componente 2 - Investimento 2.3.

Progetti a sportello: Multitematico Open (su tutte le aree tematiche gli ambiti applicativi del Centro di Competenza ARTES 4.0)

Monotematico Biomedicale, digital health, sanità 4.0 e qualità della vita e benessere

Monotematico Robotica ed Intelligenza Artificiale

Monotematico Sistemi di trasporto, logistica 4.0 ed energia.

BANDO PER IL FINANZIAMENTO DI PROGETTI DI RICERCA INDUSTRIALE E SVILUPPO SPERIMENTALE
BANDO RI&SS ARTES 4.0 N.5

In attesa di possibile rifinanziamento, il Bando è stato prorogato al 15/09/2024 ore 23.59.

Altre informazioni a questo [Link](#)

Europei

CONNECT - Interconnected Innovation Ecosystems

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

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

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

Deadline: 19/09/2024.

Additional info are available at this [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: 11-25-26/09/2024 a seconda della specifica call.

Additional info at this [link](#).

LIFE projects Grants. LIFE PROGRAMME CALL 2024 FOR PROPOSALS (LIFE)

I bandi coprono i settori Ambiente e Azione per il clima e si articolano in quattro sottoprogrammi:

- natura e biodiversità
- economia circolare e qualità della vita
- mitigazione e adattamento ai cambiamenti climatici
- transizione verso l'energia pulita.

scadenze: Settembre 2024 (diverse scadenze a seconda della call specifica)

La Registrazione dell'evento di lancio del bando LIFE 2024 e di supporto alla presentazione della proposta progettuale è disponibile a [link1](#), [link2](#).

COST-European Cooperation in Science and Technology, Open Calls 2024.

Le Azioni sono aperte a tutti gli ambiti scientifici e tecnologici, compresi quelli nuovi ed emergenti, secondo un approccio bottom-up. Possono partecipare ricercatori e innovatori europei affiliati a un'entità giuridica (come università, centri di ricerca, imprese e PMI, altre parti interessate e soggetti giuridici pertinenti). Non è richiesta alcuna previsione di budget al momento della presentazione della proposta. A titolo informativo, negli ultimi anni il finanziamento medio ricevuto durante i 4 anni di durata di un'azione COST ammonta a 600.000 euro. Gli importi variano da un periodo di sovvenzione all'altro e dipendono, tra l'altro, dalle dimensioni della rete e dal budget complessivo a disposizione di COST.

Scadenza: 23/10/2024

Altre info su questo [Link](#)

HORIZON EUROPE

European Research Council – ERC

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

2024	Advanced Grant
call opening	29/05/2024
Deadline	29/08/2024

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 research proposal. Advanced Grants may be awarded up to a maximum of EUR 2 500 000 for a period of 5 years (the maximum amount of the grants is reduced pro rata temporis for projects of a shorter duration). However, up to an additional

EUR 1 000 000 can be requested in the proposal to cover (a) eligible "start-up" costs for Principal Investigators moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant, and/or (b) the purchase of major equipment, and/or (c) access to large facilities, and/or (d) other major experimental and field work costs, excluding personnel costs. (As any additional funding is to cover major one-off costs it is not subject to pro-rata temporis reduction for projects of shorter duration. All funding requested is assessed during evaluation). The Advanced Grant will be awarded as a single lump sum contribution for the entirety of the project. The lump sum will cover the beneficiaries' estimated costs for the project.

More info at this [link](#)

Detailed info on open calls are available here: <https://erc.europa.eu/apply-grant/advanced-grant> [ERC Workprogramme 2024](#), [major changes introduced in the ERC calls 2024](#).

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. Sono aperti ed in apertura i seguenti bandi MSCA:

MSCA Doctoral Networks 2024

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

Scadenza il 27 novembre 2024

MSCA Researchers at Risk 2024

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

Scadenza 14 gennaio 2025

MSCA Postdoctoral Fellowships 2024

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

Scadenza il 11 settembre 2024

MSCA COFUND 2025

[HORIZON-MSCA-2025-COFUND-01-01](#)

Forthcoming: opening date 23 January 2025; Deadline date 24 June 2025

MSCA COFUND 2024

[MSCA COFUND 2024 \(HORIZON-MSCA-2024-COFUND-01\)](#)

Scadenza 26 settembre 2024

MSCA International Cooperation 2024

[HORIZON-MSCA-2024-INCO-01-01](#)

Scadenza 04 settembre 2024

Horizon Europe CLUSTER 1. Health

Several open calls of which 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.
- 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'.

Deadlines: 19/09/2024; 25/09/2024.

Additional info at this [link](#).

Horizon Europe CLUSTER 5. Climate, energy and mobility

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

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

Le scadenze dipendono dalla destinazione: 05/09/2024; 19/09/2024; 21/01/2025; 04/02/2025; 11/02/2025.

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

Circular Bio-based Europe – Joint Undertaking Open Calls 2024

With 18 new topics and a total budget of 213 million, the 2024 Circular Bio-based Europe Joint Undertaking (CBE JU) calls present a fantastic opportunity for innovative and ambitious projects in the bio-based industry.

With a focus on sustainability, circularity, and competitiveness, the CBEJU aims to support groundbreaking research and development in value chains of sustainable oil crops, conversion of biomass, microalgae, biobased chemical materials & food, and many more strategic fields.

Deadline: 18/09/2024

More Information at this [link](#).

The European Innovation Council (EIC): calls in 2024

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.

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 2024 is available [here](#).

The overall objective of the EIC Pathfinder for advanced research is to develop the scientific basis to underpin breakthrough technologies. It provides support for the earliest stages of scientific, technological or deep-tech research and development. Pathfinder projects aim to build on new, cutting-edge directions in science and technology to disrupt a field and a market or create new opportunities by realising innovative technological solutions through:

- EIC Pathfinder Open' open to support projects in any field of science, technology or application without predefined thematic priorities.
- EIC Pathfinder Challenges' to support coherent portfolios of projects within predefined thematic areas with the aim to achieve specific objectives for each Challenge.

EIC Transition Open and Challenge

Deadlines: 16 October 2024

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

EIC Pathfinder Challenges 2024

The topics for 2024 are the following:

- Solar-to-X devices for the decentralized presumption of renewable fuels, chemicals and materials as climate change mitigation pathway
- Towards cement and concrete as a carbon sink
- Nature inspired alternatives for food packaging and films for agriculture
- Nanoelectronics for energy-efficient smart edge devices
- Strengthening the sustainability and resilience of EU space infrastructure

Deadlines: 16 October 2024

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

La Registrazione dell'evento di lancio del EIC Workprogramme 2024 e di supporto alla presentazione di proposte progettuali è disponibile a questo [link](#).

INFO-DAYS_VIDEO

Open Science in Horizon Europe	https://video.cnr.it/w/1723fQmoccC1kQDof1dfCL
OPEN SCIENCE@CNR - ResearchAssessment: cosa cambia?	https://video.cnr.it/w/qS4tm4gQGZMpxJ5UwuRXgK
Open Access al CNR: pubblicazioni scientifiche e gestione dei dati	https://video.cnr.it/w/rvE3gA2EMEBPUHoh55VaSC

CONTATTI

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

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