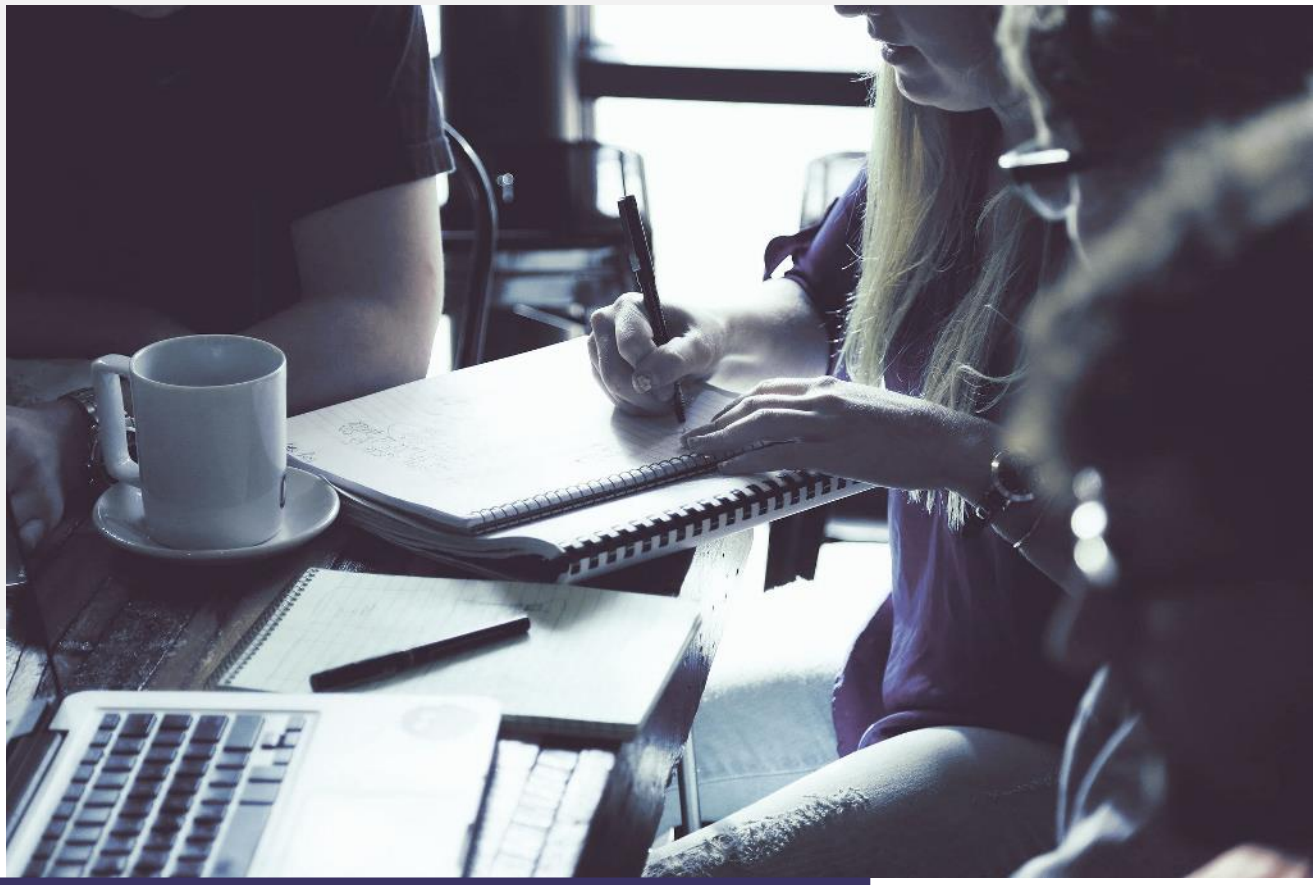


Monitoraggio Bandi RS&I

HORIZON EUROPE
NAZIONALI
REGIONI

FEBBRAIO 2023

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ASSOCIAZIONE
ITALIANA
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INDUSTRIALE

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PREMESSA

Livelli istituzionali di aggiornamento

Il monitoraggio seleziona per i Soci Airi i principali incentivi per attività di ricerca, sviluppo e innovazione, ai seguenti livelli:

- Internazionali: notizie su incentivi in alcuni Paesi;
- Unione europea: Programma Quadro Horizon Europe e InnovFund;
- Ambito Nazionale (MISE, MUR, MAE, MITE);
- Regioni.

Tipologia di incentivi rilevati

A livello internazionale vengono rilevati, laddove possibile, notizie su incentivi in alcuni Paesi caratterizzati da intense attività di ricerca e innovazione e/o da scambi di tecnologia con l'Italia.

Il livello UE raccoglie una selezione di Research and Innovation Actions e Coordination and Support Actions in Horizon Europe nell'ambito dei pillar: Global Challenges and European Industrial Competitiveness (Pillar II), Excellent Science (Pillar I) e Innovative Europe (Pillar III).

A livello nazionale gli incentivi diretti e fiscali rappresentano il principale oggetto di aggiornamento che include anche piani e programmi di rilevanza per la ricerca e sviluppo e la cooperazione nella ricerca industriale. A livello regionale vengono monitorati alcuni avvisi di interesse per la ricerca industriale, provenienti sia da fondi propri che europei.

Elementi per la lettura

Gli incentivi sono aggiornati sulla base dei programmi e delle disposizioni normative che rendono operativi i fondi e le modalità. I riferimenti ai provvedimenti di agevolazione rimangono indicati nel documento sino al giorno della scadenza o all'esaurimento di risorse. In rosso sono segnalate le scadenze imminenti, i nuovi incentivi varati o le modifiche. Cliccando sui link riportati è possibile visualizzare i dettagli della fonte.

Focus

Il monitoraggio contiene alcuni brevi focalizzazioni su specifiche iniziative. Ci contatti se desidera contribuire con articoli o approfondimenti da condividere con i Soci.

Disclosure

Il monitoraggio è riservato ai Soci di Airi. E' consentita la diffusione esclusivamente nell'ambito dell'Ente/Azienda di appartenenza.

INCENTIVI INTERNAZIONALI BETA

Austria

Partono dal 2023 diversi cambiamenti approvati nella legge sulla tassazione per adeguare il sistema al quadro normativo europeo di supporto alla R&S.

Politiche

- HYDROGEN STRATEGY FOR AUSTRIA
- ROADMAP GEOTHERMAL ENERGY
- CIRCULAR ECONOMY R&D INITIATIVE
- IMPLEMENTATION PLAN FOR THE ENERGY RESEARCH INITIATIVE
- DIGITAL PLAN AUSTRIA
- AUSTRIAN RESEARCH FINANCING ACT

Brasile

Il Ministero della Scienza, Tecnologie e Innovazioni ha richiesto nel 2022 alle aziende che beneficiano di incentivi fiscali per la R&D, informazioni specifiche sulle attività condotte nell'anno precedente.

La guida, predisposta sulla base della legge n. 11/196 del 2005 (Lei do Bem), spiega la tipologia di informazioni richieste (es. spesa in R&D, progetti, brevetti), e individua un format elettronico per trasmetterle.

Politiche

- NATIONAL INNOVATION STRATEGY (2021-2024)
- DEFINITION OF SCIENCE, TECHNOLOGY AND INNOVATION PRIORITIES (2020-2023)
- DIGITAL GOVERNMENT STRATEGY
- BRAZILIAN MINERAL POLICY AND MINERAL POLICY NATIONAL COUNCIL

Cina

Dopo cinque anni di applicazione vengono riviste le politiche di super deduzione applicate alla R&D che continuano anche nel 2023 e l'incentivo è esteso al settore manifatturiero con una super deduzione del 100% a partire dalle spese del 2021.

Politiche

- RAW MATERIAL INDUSTRY DEVELOPMENT
- MEDIUM AND LONG-TERM PLAN FOR THE DEVELOPMENT OF HYDROGEN ENERGY INDUSTRY (2021-2035)
- INTERNET PLUS

Germania

Nel corso del 2022 il Ministero delle finanze ha emanato una guida sul R&D Tax Allowance Act che incentiva fiscalmente la R&D svolta dalle imprese dal 2020 attraverso assegni di ricerca.

Politiche

- NATIONAL HYDROGEN STRATEGY
- RESEARCH FOR SUSTAINABILITY (FONA) STRATEGY
- HIGH-TECH STRATEGY 2025

Singapore

Durante il 2022 l'agenzia IRAS di Singapore ha aggiornato la guida sulla deduzione delle spese per R&D. Tra le informazioni richieste:

- Spiegazione su come il progetto di R&D va oltre lo stato dell'arte tecnologico;
- Stampa, informazioni, materiali che attestino che il prodotto è nuovo nel Paese;
- Brevetti ottenuti;
- Incertezze tecnologiche risolvibili soltanto con l'avvio del progetto di R&D.

Sud Africa

In Sud Africa è aperto il dibattito sulla revisione degli incentivi alla R&D che, secondo il Ministero del Tesoro, andrebbero a incidere sull'equità del sistema di tassazione pur senza raggiungere gli obiettivi.

Si tratta in particolare della super deduzione al 150% delle spese qualificate in R&D che, sulla base delle valutazioni in corso, potrebbe non essere rinnovato.

Politiche

- STI REVISED STRATEGIC PLAN 2020 - 2025

UK

Nel 2022 il governo UK ha avviato una riforma degli incentivi fiscali alla R&D che avranno effetto dal 1 aprile 2023.

Si tratta di una riforma che restringe gli sgravi sulle attività di R&D svolte all'estero e si concentra su quelle in patria e include matematica, data e cloud nelle spese qualificate.

Nel frattempo è stata pubblicata una bozza di guida per consultazione pubblica che si chiuderà a febbraio 2023.

Politiche

- INDUSTRIAL DECARBONISATION CHALLENGE (2019-2024)
- UK RESEARCH AND DEVELOPMENT ROADMAP
- GROWING THE ARTIFICIAL INTELLIGENCE INDUSTRY IN THE UK

USA

A fine 2022 l'IRS ha emesso una guida procedurale al fine di adottare le nuove regole di capitalizzazione e ammortamento delle spese di ricerca e sperimentazione (articolo 174).

Politiche

- CRITICAL MINERALS AND MATERIALS STRATEGY
- NATIONAL AI RESEARCH AND DEVELOPMENT STRATEGIC PLAN
- STORING CO2 AND LOWERING EMISSIONS ACT
- ENERGY STORAGE GRAND CHALLENGE

HORIZON EUROPE

Excellent Science (Pillar I)

Research Infrastructures

Research infrastructure services advancing frontier knowledge: co-fund pilots with pan-European RIs and/or national RIs

HORIZON-INFRA-2023-SERV-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Programme Cofund Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Research infrastructure services to enable R&I addressing main challenges and EU priorities

HORIZON-INFRA-2023-SERV-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Research infrastructure services advancing frontier knowledge

HORIZON-INFRA-2023-SERV-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Next generation services for operational and sustainable EOSC Core Infrastructure

HORIZON-INFRA-2023-EOSC-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

New technologies and solutions for reducing the environmental and climate footprint of RIs

HORIZON-INFRA-2023-TECH-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Concept development for a research infrastructure to manage, integrate and sustain large medical cohort studies

HORIZON-INFRA-2023-DEV-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Preparation of common strategies for future development of RI technologies and services within broad RI communities

HORIZON-INFRA-2023-DEV-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022

Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Consolidation of the RI landscape – Individual support for evolution and long-term sustainability of pan-European research infrastructures

HORIZON-INFRA-2023-DEV-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Development of community-based approaches for ensuring and improving the quality of scientific software and code

HORIZON-INFRA-2023-EOSC-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

EOSC Architecture and Interoperability Framework

HORIZON-INFRA-2023-EOSC-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Strengthening the international dimension of ESFRI and/or ERIC research infrastructures

HORIZON-INFRA-2023-DEV-01-07

Programme	Horizon Europe (HORIZON)

Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Planning, tracking, and assessing scientific knowledge production

HORIZON-INFRA-2023-EOSC-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Preparatory phase of new ESFRI research infrastructure projects

HORIZON-INFRA-2023-DEV-01-08

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Trusted environments for sensitive data management in EOSC

HORIZON-INFRA-2023-EOSC-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Early phase implementation of ESFRI Projects which entered the ESFRI Roadmap in 2018

HORIZON-INFRA-2023-DEV-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline date	09 March 2023 17:00:00 Brussels time

Consolidation of the RI landscape – development of complementarities, synergies and/or integration between a set of pan- European research infrastructures

HORIZON-INFRA-2023-DEV-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Strengthen the bilateral cooperation on research infrastructures with Latin America

HORIZON-INFRA-2023-DEV-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Build on the science cluster approach to ensure the uptake of EOSC by research infrastructures and research communities

HORIZON-INFRA-2023-EOSC-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

European Research Council

ERC PROOF OF CONCEPT GRANTS

ERC-2023-POC

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON ERC Proof of Concept Grants
Opening date	20 October 2022
Deadline model	multiple cut-off
Next deadline	24 January 2023 17:00:00 Brussels time

ERC CONSOLIDATOR GRANTS

ERC-2023-COG

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON ERC Grants
Opening date	28 September 2022
Deadline model	single-stage
Deadline date	02 February 2023 17:00:00 Brussels time

ERC ADVANCED GRANTS

ERC-2023-ADG

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON ERC Grants
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	23 May 2023 17:00:00 Brussels time

HORIZON EUROPE

Global Challenges and European Industrial Competitiveness (Pillar II)

Health

Screening platform and biomarkers for prediction and prevention of diseases of unmet public health need

HORIZON-JU-IHI-2022-03-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	15 March 2023 17:00:00 Brussels time

Strengthening the European translational research ecosystem for advanced therapy medicinal products (ATMPs) for rare diseases

HORIZON-JU-IHI-2022-03-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	15 March 2023 17:00:00 Brussels time

Digital health technologies for the prevention and personalised management of mental disorders and their long-term health consequences

HORIZON-JU-IHI-2022-03-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage

Deadline date	15 March 2023 17:00:00 Brussels time

Combining hospital interventional approaches to improve patient outcomes and increase hospital efficiency

HORIZON-JU-IHI-2022-03-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	15 March 2023 17:00:00 Brussels time

Patient-generated evidence to improve outcomes, support decision making, and accelerate innovation

HORIZON-JU-IHI-2022-03-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	15 March 2023 17:00:00 Brussels time

Interventions in city environments to reduce risk of non-communicable disease (Global Alliance for Chronic Diseases - GACD)

HORIZON-HLTH-2023-DISEASE-03-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Towards structuring brain health research in Europe

HORIZON-HLTH-2023-DISEASE-03-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Health impacts of endocrine-disrupting chemicals: bridging science-policy gaps by addressing persistent scientific uncertainties

HORIZON-HLTH-2023-ENVHLTH-02-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Resilience and mental wellbeing of the health and care workforce

HORIZON-HLTH-2023-CARE-04-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Environmentally sustainable and climate neutral health and care systems

HORIZON-HLTH-2023-CARE-04-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage

Deadline date	13 April 2023 17:00:00 Brussels time

Pandemic preparedness and response: Sustaining established coordination mechanisms for European adaptive platform trials and/or for cohort networks

HORIZON-HLTH-2023-DISEASE-03-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

European Partnership on Rare Diseases

HORIZON-HLTH-2023-DISEASE-07-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Programme Cofund Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	19 September 2023 17:00:00 Brussels time

Maintaining access to regular health and care services in case of cross-border emergencies

HORIZON-HLTH-2023-CARE-04-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Global coordination of exposome research

HORIZON-HLTH-2023-ENVHLTH-02-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Modelling and simulation to address regulatory needs in the development of orphan and paediatric medicines

HORIZON-HLTH-2023-IND-06-04

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Better integration and use of health-related real-world and research data, including genomics, for improved clinical outcomes

HORIZON-HLTH-2023-TOOL-05-04

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Planetary health: understanding the links between environmental degradation and health impacts

HORIZON-HLTH-2023-ENVHLTH-02-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Expanding the European Electronic Health Record exchange Format to improve interoperability within the European Health Data Space

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Mission Ocean and Waters and Mission A Soil Deal for Europe – Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin

HORIZON-MISS-2023-OCEAN-SOIL-01-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 17 January 2023

Deadline model single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Relationship between infections and non-communicable diseases

HORIZON-HLTH-2023-DISEASE-03-07

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

European Partnership on Personalised Medicine

HORIZON-HLTH-2023-CARE-08-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON Programme Cofund Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Pandemic preparedness and response: Broad spectrum anti-viral therapeutics for infectious diseases with epidemic potential

HORIZON-HLTH-2023-DISEASE-03-04

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Pandemic preparedness and response: Understanding vaccine induced-immunity

HORIZON-HLTH-2023-DISEASE-03-17

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Clinical trials of combined Advanced Therapy Medicinal Products (ATMPs)

HORIZON-HLTH-2023-TOOL-05-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 12 January 2023

Deadline model single-stage

Deadline date 13 April 2023 17:00:00 Brussels time

Pandemic preparedness and response: In vitro diagnostic devices to tackle cross-border health threats

HORIZON-HLTH-2023-TOOL-05-08

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 12 January 2023

Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Novel approaches for palliative and end-of-life care for non-cancer patients

HORIZON-HLTH-2023-DISEASE-03-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Pandemic preparedness and response: Immunogenicity of viral proteins of viruses with epidemic and pandemic potential

HORIZON-HLTH-2023-DISEASE-03-18

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Supporting the uptake of innovative Health Technology Assessment (HTA) methodology and advancing HTA expertise across EU

HORIZON-HLTH-2023-IND-06-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Development and harmonisation of methodologies for assessing digital health technologies in Europe

HORIZON-HLTH-2023-IND-06-07

Programme	Horizon Europe (HORIZON)

Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Integrated, multi-scale computational models of patient patho-physiology ('virtual twins') for personalised disease management

HORIZON-HLTH-2023-TOOL-05-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Evidence-based interventions for promotion of mental and physical health in changing working environments (post-pandemic workplaces)

HORIZON-HLTH-2023-ENVHLTH-02-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Mapping the hurdles for the clinical applications of Advanced Therapy Medicinal Products (ATMPs)

HORIZON-HLTH-2023-IND-06-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

The Silver Deal - Person-centred health and care in European regions

HORIZON-HLTH-2023-STAYHLTH-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Harnessing the potential of real-time data analysis and secure Point-of-Care computing for the benefit of person-centred health and care delivery

HORIZON-HLTH-2023-TOOL-05-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	13 April 2023 17:00:00 Brussels time

Developing a Data Quality and Utility Label for the European Health Data Space

HORIZON-HLTH-2023-TOOL-05-09

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	12 January 2023
Deadline date	13 April 2023 17:00:00 Brussels time

Pragmatic clinical trials on minimally invasive diagnostics

HORIZON-MISS-2023-CANCER-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	12 January 2023
Deadline model	single-stage
Deadline date	12 April 2023 17:00:00 Brussels time

Civil Security for Society

Mission Ocean and Waters and Mission A Soil Deal for Europe – Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin

HORIZON-MISS-2023-OCEAN-SOIL-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Discovering the subsoil

HORIZON-MISS-2023-SOIL-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Innovations to prevent and combat desertification

HORIZON-MISS-2023-SOIL-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Soils in spatial planning

HORIZON-MISS-2023-SOIL-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Carbon farming in living labs

HORIZON-MISS-2023-SOIL-01-09

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 17 January 2023

Deadline model single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Soil-friendly practices in horticulture, including alternative growing media

HORIZON-MISS-2023-SOIL-01-05

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 17 January 2023

Deadline model single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities

HORIZON-MISS-2023-CIT-01-02

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 10 January 2023

Deadline model single-stage

Deadline date 27 April 2023 17:00:00 Brussels time

Onsite digital technologies to monitor nutrients and chemical or biological stressors in soil and plants with relevance for food safety and nutrition

HORIZON-MISS-2023-SOIL-01-03

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 17 January 2023

Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Co-creating solutions for soil health in Living Labs

HORIZON-MISS-2023-SOIL-01-08

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	17 January 2023
Deadline date	20 September 2023 17:00:00 Brussels time

Soil pollution processes – modelling and inclusion in advanced digital decision-support tools

HORIZON-MISS-2023-SOIL-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	17 January 2023
Deadline date	20 September 2023 17:00:00 Brussels time

Back to earth: bringing communities and citizens closer to soil

HORIZON-MISS-2023-SOIL-01-07

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	17 January 2023
Deadline date	20 September 2023 17:00:00 Brussels time

Urban greening and re-naturing for urban regeneration, resilience and climate neutrality

HORIZON-MISS-2023-CLIMA-CITIES-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	10 January 2023
Deadline model	single-stage
Deadline date	27 April 2023 17:00:00 Brussels time

Digital, Industry and Space

CASSINI Prize for digital space applications
HORIZON-EUSPA-2022-MARITIME-PRIZE

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Inducement Prize
Opening date	05 July 2022
Deadline model	single-stage
Deadline date	03 May 2023 17:00:00 Brussels time

Integration of data life cycle, architectures and standards for complex data cycles and/or human factors, language (AI, data and robotics partnership) (RIA)
HORIZON-CL4-2023-DATA-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Cognitive Computing Continuum: Intelligence and automation for more efficient data processing (AI, data and robotics partnership) (RIA)
HORIZON-CL4-2023-DATA-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Collaboration with NSF on fundamental research on new concepts for distributed computing and swarm intelligence (CSA)
HORIZON-CL4-2023-DATA-01-07

Programme	Horizon Europe (HORIZON)

Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Pervasive photonics - multi-technology integration for digital infrastructure, sensors and internet of things (Photonics partnership)(RIA)

HORIZON-CL4-2023-DIGITAL-EMERGING-01-51

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Boosting industrial symbiosis by standardisation (CSA)

HORIZON-CL4-2023-HUMAN-01-62

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Recycling technologies for critical raw materials from EoL products (IA)

HORIZON-CL4-2023-RESILIENCE-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Novel paradigms and approaches, towards AI-driven autonomous robots (AI, data and robotics partnership) (RIA)

HORIZON-CL4-2023-DIGITAL-EMERGING-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Piloting communities of expert facilitators to improve industry-academia-public sector co-creation (CSA)

HORIZON-CL4-2023-HUMAN-01-32

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Innovative technologies for sustainable and decarbonised extraction (RIA)

HORIZON-CL4-2023-RESILIENCE-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Technologies for processing and refining of critical raw materials (IA)

HORIZON-CL4-2023-RESILIENCE-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage

Deadline date	20 April 2023 17:00:00 Brussels time

Versatile light sources and systems as tools for manufacturing and medical application (Photonics Partnership) (RIA)

HORIZON-CL4-2023-DIGITAL-EMERGING-01-53

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Advanced imaging and sensing technologies (IA)(Photonics Partnership)

HORIZON-CL4-2023-DIGITAL-EMERGING-01-57

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Drivers and success factors for progress towards Industry 5.0 (RIA)

HORIZON-CL4-2023-HUMAN-01-52

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Fostering knowledge valorisation through societal and cultural interactions (CSA)

HORIZON-CL4-2023-HUMAN-01-33

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022

Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

R&I cooperation with Sub-Saharan Africa (CSA)

HORIZON-CL4-2023-HUMAN-01-92

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Coordination and knowledge sharing across materials development communities (CSA)

HORIZON-CL4-2023-RESILIENCE-01-39

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Pilots for an innovative human-centric industry (RIA)

HORIZON-CL4-2023-HUMAN-01-51

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Expert network on Critical raw materials (CSA)

HORIZON-CL4-2023-RESILIENCE-01-07

Programme	Horizon Europe (HORIZON)

Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Bioinspired and biomimetic materials for sustainable textiles (IA)

HORIZON-CL4-2023-RESILIENCE-01-32

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022
Deadline model	two-stage
First stage deadline	07 March 2023 17:00:00 Brussels time
Second stage deadline	05 October 2023 17:00:00 Brussels time

Intelligent data acquisition and analysis of materials and products in existing built works (RIA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-11

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	two-stage
First stage deadline	07 March 2023 17:00:00 Brussels time
Second stage deadline	05 October 2023 17:00:00 Brussels time

Green and digital skills and training needs for a just transition (CSA)

HORIZON-CL4-2023-HUMAN-01-54

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage

Deadline date	29 March 2023 17:00:00 Brussels time

Integrated approach for impact assessment of safe and sustainable chemicals and materials (RIA)

HORIZON-CL4-2023-RESILIENCE-01-22

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Computational models for the development of safe and sustainable by design chemicals and materials (RIA)

HORIZON-CL4-2023-RESILIENCE-01-23

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Coordination and Support of Cognitive Computing Continuum research and policy (CSA)

HORIZON-CL4-2023-DATA-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Toolbox for efficient IP licensing for market uptake and societal value creation (CSA)

HORIZON-CL4-2023-HUMAN-01-31

Programme	Horizon Europe (HORIZON)

Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

International Hub for Digital Partnerships in the Indo-Pacific (CSA)

HORIZON-CL4-2023-HUMAN-01-91

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Innovative methods for safety and sustainability assessments of chemicals and materials (RIA)

HORIZON-CL4-2023-RESILIENCE-01-21

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Advanced (nano and bio-based) materials for sustainable agriculture (RIA)

HORIZON-CL4-2023-RESILIENCE-01-34

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	two-stage
First stage deadline	07 March 2023 17:00:00 Brussels time
Second stage deadline	05 October 2023 17:00:00 Brussels time

Advanced materials for magnets in applications for the New Energies Market (RIA)

HORIZON-CL4-2023-RESILIENCE-01-37

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	two-stage
First stage deadline	07 March 2023 17:00:00 Brussels time
Second stage deadline	05 October 2023 17:00:00 Brussels time

Affordable Housing District Demonstrator (IA)

HORIZON-CL4-2023-RESILIENCE-01-44

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Adaptive multi-scale modelling and characterisation suites from lab to production (RIA)

HORIZON-CL4-2023-DIGITAL-EMERGING-01-12

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Localised and Urban Manufacturing, supporting creativity and the New European Bauhaus (RIA using FSTP)

HORIZON-CL4-2023-HUMAN-01-53

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022

Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Provide for a strong and sustainable pool of experts for European Standardisation: attract the students of university/HEI

HORIZON-CL4-2023-HUMAN-01-63

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Pre-normative research and standardisation in industrial ecosystems (CSA)

HORIZON-CL4-2023-HUMAN-01-64

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

R&I cooperation with Latin America (Mexico, Brazil, Argentina, and other countries in the BELLA network or members of RedClara) (CSA)

HORIZON-CL4-2023-HUMAN-01-93

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	29 March 2023 17:00:00 Brussels time

Earth Observation platform, products and services for raw materials (IA)

HORIZON-CL4-2023-RESILIENCE-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Smart sensors for the Electronic Appliances market (RIA)

HORIZON-CL4-2023-RESILIENCE-01-33

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	two-stage
First stage deadline	07 March 2023 17:00:00 Brussels time
Second stage deadline	05 October 2023 17:00:00 Brussels time

Recyclability and resource efficiency of Rare Earth based magnets (IA)

HORIZON-CL4-2023-RESILIENCE-01-09

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Boosting generation and diffusion of advanced technologies in SMEs based on a supply chain model (CSA)

HORIZON-CL4-2023-RESILIENCE-01-42

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Circular economy solutions for the valorisation of low-quality scrap streams, materials recirculation with high recycling rate, and residue valorisation for long term goal towards zero waste (Clean Steel Partnership) (RIA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-45

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 08 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Factory-level and value chain approaches for remanufacturing (Made in Europe Partnership) (IA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-04

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 08 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Sustainable and efficient industrial water consumption: through energy and solute recovery (Processes4Planet partnership) (RIA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-40

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 08 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Low carbon-dioxide emission technologies for melting iron-bearing feed materials OR smart carbon usage and improved energy & resource efficiency via process integration (Clean Steel Partnership) (IA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-43

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Foresight and technology transfer for Manufacturing as a Service (Made in Europe Partnership) (CSA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-08

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Energy efficiency breakthroughs in the process industries (Processes4Planet partnership) (RIA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-31

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	08 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Hubs for circularity for near zero emissions regions applying industrial symbiosis and cooperative approach to heavy industrialized clusters and surrounding ecosystems (Processes4Planet partnership) (IA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-37

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	08 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Achieving resiliency in value networks through modelling and Manufacturing as a Service (Made in Europe Partnership) (RIA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-07

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 08 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Circular economy in process industries: Upcycling large volumes of secondary resources (Processes4Planet partnership) (RIA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-42

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 08 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Electrification of high temperature heating systems (Processes4Planet Partnership) (IA)

HORIZON-CL4-2023-TWIN-TRANSITION-01-33

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 08 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Copernicus for Emergency Management

HORIZON-CL4-2023-SPACE-01-32

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 22 December 2022

Deadline model single-stage

Deadline date 28 March 2023 17:00:00 Brussels time

Space technologies for European non-dependence and competitiveness

HORIZON-CL4-2023-SPACE-01-72

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 22 December 2022

Deadline model single-stage

Deadline date 28 March 2023 17:00:00 Brussels time

Low cost high thrust propulsion for European strategic space launchers - technologies maturation including ground system tests

HORIZON-CL4-2023-SPACE-01-21

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 22 December 2022

Deadline model single-stage

Deadline date 28 March 2023 17:00:00 Brussels time

Modern, flexible and efficient European test, production and launch facilities

HORIZON-CL4-2023-SPACE-01-23

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 22 December 2022

Deadline model single-stage

Deadline date 28 March 2023 17:00:00 Brussels time

Quantum Communication Technologies for space systems

HORIZON-CL4-2023-SPACE-01-62

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	22 December 2022
Deadline model	single-stage
Deadline date	28 March 2023 17:00:00 Brussels time

Future Space Ecosystem: Management and Coordination Activity

HORIZON-CL4-2023-SPACE-01-13

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	22 December 2022
Deadline model	single-stage
Deadline date	28 March 2023 17:00:00 Brussels time

New space transportation solutions and services

HORIZON-CL4-2023-SPACE-01-22

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	22 December 2022
Deadline model	single-stage
Deadline date	28 March 2023 17:00:00 Brussels time

Quantum Space Gravimetry Phase-A Study

HORIZON-CL4-2023-SPACE-01-63

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	22 December 2022
Deadline model	single-stage
Deadline date	28 March 2023 17:00:00 Brussels time

Copernicus for Atmosphere and Climate Change, including CO2

HORIZON-CL4-2023-SPACE-01-31

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	22 December 2022
Deadline model	single-stage
Deadline date	28 March 2023 17:00:00 Brussels time

Mission Ocean and Waters and Mission A Soil Deal for Europe – Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin

HORIZON-MISS-2023-OCEAN-SOIL-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Discovering the subsoil

HORIZON-MISS-2023-SOIL-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Innovations to prevent and combat desertification

HORIZON-MISS-2023-SOIL-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Soils in spatial planning

HORIZON-MISS-2023-SOIL-01-06

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 17 January 2023

Deadline model single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Carbon farming in living labs

HORIZON-MISS-2023-SOIL-01-09

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 17 January 2023

Deadline model single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Soil-friendly practices in horticulture, including alternative growing media

HORIZON-MISS-2023-SOIL-01-05

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 17 January 2023

Deadline model single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities

HORIZON-MISS-2023-CIT-01-02

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 10 January 2023

Deadline model single-stage

Deadline date	27 April 2023 17:00:00 Brussels time

Onsite digital technologies to monitor nutrients and chemical or biological stressors in soil and plants with relevance for food safety and nutrition

HORIZON-MISS-2023-SOIL-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Co-creating solutions for soil health in Living Labs

HORIZON-MISS-2023-SOIL-01-08

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Soil pollution processes – modelling and inclusion in advanced digital decision-support tools

HORIZON-MISS-2023-SOIL-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Back to earth: bringing communities and citizens closer to soil

HORIZON-MISS-2023-SOIL-01-07

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	17 January 2023

Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Reliable Services and Smart Security

HORIZON-JU-SNS-2023-STREAM-B-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

EU-US 6G R&I Cooperation

HORIZON-JU-SNS-2023-STREAM-B-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

System Architecture

HORIZON-JU-SNS-2023-STREAM-B-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

Complementary SNS experimental Pan-EU federated Infrastructure

HORIZON-JU-SNS-2023-STREAM-C-01-01

Programme	Horizon Europe (HORIZON)

Type of action	HORIZON JU Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

Communication Infrastructure Technologies and Devices

HORIZON-JU-SNS-2023-STREAM-B-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

Microelectronics-based Solutions for 6G Networks

HORIZON-JU-SNS-2023-STREAM-B-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

SNS Societal Challenges

HORIZON-JU-SNS-2023-STREAM-CSA-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Coordination and Support Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

SNS Large Scale Trials and Pilots (LST&Ps) with Verticals – Focused Topic

HORIZON-JU-SNS-2023-STREAM-D-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

Urban greening and re-naturing for urban regeneration, resilience and climate neutrality

HORIZON-MISS-2023-CLIMA-CITIES-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	10 January 2023
Deadline model	single-stage
Deadline date	27 April 2023 17:00:00 Brussels time

Wireless Communication Technologies and Signal Processing

HORIZON-JU-SNS-2023-STREAM-B-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON JU Research and Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	25 April 2023 17:00:00 Brussels time

Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities' Mission)

HORIZON-MISS-2023-CIT-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	10 January 2023
Deadline date	27 April 2023 17:00:00 Brussels time

Climate, Energy and Mobility

Thermal management and energy optimisation of high energy demand IT systems equipment in tertiary buildings
HORIZON-CL5-2023-D4-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Integrated real-time digital solutions to optimise navigation and port calls to reduce emissions from shipping (ZEWT Partnership)
HORIZON-CL5-2023-D5-01-13

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Towards the implementation of the inland navigation action programme with a focus on Green and Connected Inland Waterway Transport
HORIZON-CL5-2023-D5-01-17

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Support for the organisation of EU-US symposia in the field of Transport Research
HORIZON-CL5-2023-D5-01-19

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Interoperable solutions for positive energy districts (PEDs), including a better integration of local renewables and local excess heat sources
HORIZON-CL5-2023-D4-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions

Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Future-proofing historical buildings for the clean energy transition
HORIZON-CL5-2023-D4-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Innovative solutions for cost-effective decarbonisation of buildings through energy efficiency and electrification
HORIZON-CL5-2023-D4-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Measuring road transport results towards 2ZERO KPIs (2ZERO Partnership)
HORIZON-CL5-2023-D5-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Accelerating climate-neutral hydrogen-powered/electrified aviation
HORIZON-CL5-2023-D5-01-08

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Demonstrations to accelerate the switch to safe use of new sustainable climate neutral fuels in waterborne transport (ZEWT Partnership)
HORIZON-CL5-2023-D5-01-12

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022

Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Innovative battery management systems for next generation vehicles (2ZERO & Batt4EU Partnership)
HORIZON-CL5-2023-D5-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Developing a flexible offshore supply of zero emission auxiliary power for ships moored or anchored at sea deployable before 2030 (ZEWT Partnership)
HORIZON-CL5-2023-D5-01-14

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Advanced transport emissions monitoring networks
HORIZON-CL5-2023-D5-01-18

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Innovative cost-efficient solutions for zero-emission buildings
HORIZON-CL5-2023-D4-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Aviation research synergies between Horizon Europe, AZEA and National programs
HORIZON-CL5-2023-D5-01-10

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	13 December 2022
Deadline model	single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Developing small, flexible, zero-emission and automated vessels to support shifting cargo from road to sustainable Waterborne Transport
HORIZON-CL5-2023-D5-01-16

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Frugal zero-emission vehicles concepts for the urban passenger challenge (2ZERO Partnership)
HORIZON-CL5-2023-D5-01-03

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

EU Member States/Associated countries research policy cooperation network to accelerate zero-emission road mobility (2ZERO Partnership)
HORIZON-CL5-2023-D5-01-06

Programme Horizon Europe (HORIZON)

Type of action HORIZON Coordination and Support Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Competitiveness and digital transformation in aviation – advancing further capabilities, digital approach to design
HORIZON-CL5-2023-D5-01-09

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Integration of renewable heat or industrial waste heat in heat-to-cold conversion systems to generate cold for industrial processes
HORIZON-CL5-2023-D4-01-06

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

User-centric design and operation of EV for optimized energy efficiency (2ZERO Partnership)
HORIZON-CL5-2023-D5-01-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Hydrogen-powered aviation
HORIZON-CL5-2023-D5-01-07

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Reducing the environmental impact from shipyards and developing a whole life strategy to measure and minimise the non-operational environmental impacts from shipping
HORIZON-CL5-2023-D5-01-15

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Circular economy approaches for zero emission vehicles (2ZERO Partnership)
HORIZON-CL5-2023-D5-01-04

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 20 April 2023 17:00:00 Brussels time

Developing the next generation of power conversion technologies for sustainable alternative carbon neutral fuels in waterborne applications (ZEWT Partnership)
HORIZON-CL5-2023-D5-01-11

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	20 April 2023 17:00:00 Brussels time

Battery management system (BMS) and battery system design for stationary energy storage systems (ESS) to improve interoperability and facilitate the integration of second life batteries (Batt4EU Partnership)
HORIZON-CL5-2023-D2-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

PV integration in buildings and in infrastructure
HORIZON-CL5-2023-D3-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Solar Systems for Industrial Process Heat and Power
HORIZON-CL5-2023-D3-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Demonstration of DC powered data centres, buildings, industries and ports
HORIZON-CL5-2023-D3-01-11

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage

Deadline date 30 March 2023 17:00:00 Brussels time

Demonstration of innovative, large-scale, seasonal heat and/or cooling storage technologies for decarbonisation and security of supply
HORIZON-CL5-2023-D3-01-14

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 30 March 2023 17:00:00 Brussels time

Clean Energy Transition Co-funded Partnership
HORIZON-CL5-2023-D3-01-18

Programme Horizon Europe (HORIZON)

Type of action HORIZON Programme Cofund Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 30 March 2023 17:00:00 Brussels time

Advanced digital twins for battery cell production lines (Batt4EU Partnership)
HORIZON-CL5-2023-D2-01-03

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 18 April 2023 17:00:00 Brussels time

Floating PV Systems
HORIZON-CL5-2023-D3-01-03

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 30 March 2023 17:00:00 Brussels time

Supporting the development of a digital twin to improve management, operations and resilience of the EU Electricity System in support to REPowerEU
HORIZON-CL5-2023-D3-01-10

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Support action to the SET Plan IWG on HVDC & DC Technologies
HORIZON-CL5-2023-D3-01-16

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Development of CO2 transport and storage demo projects
HORIZON-CL5-2023-D3-01-17

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Open Pilot Line/Test Bed for hydrogen
HORIZON-CL5-2023-D2-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Driving Urban Transition Co-funded Partnership
HORIZON-CL5-2023-D2-01-08

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Programme Cofund Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Demonstration of advanced biofuel technologies for aviation and/or shipping
HORIZON-CL5-2023-D3-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022

Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Development of MVDC, HVDC and High-Power Transmission systems and components for a resilient grid
HORIZON-CL5-2023-D3-01-12

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Renewable Energy Valleys to increase energy security while accelerating the green transition in Europe
HORIZON-CL5-2023-D3-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Support for the deployment of R&I results for climate mitigation. Synergies with the ETS Innovation Fund
HORIZON-CL5-2023-D2-01-07

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

New processes for upcoming recycling feeds (Batt4EU Partnership)
HORIZON-CL5-2023-D2-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Demonstration of synthetic renewable fuel for aviation and/or shipping
HORIZON-CL5-2023-D3-01-07

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Critical technologies for the offshore wind farm of the Future
HORIZON-CL5-2023-D3-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	30 March 2023 17:00:00 Brussels time

Technologies for sustainable, cost-efficient and low carbon footprint downstream processing & production of battery-grade materials (Batt4EU Partnership)
HORIZON-CL5-2023-D2-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Hybrid electric energy storage solutions for grid support and charging infrastructure (Batt4EU Partnership)
HORIZON-CL5-2023-D2-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Development of novel long-term electricity storage technologies
HORIZON-CL5-2023-D3-01-13

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage

Deadline date 30 March 2023 17:00:00 Brussels time

Supporting the green and digital transformation of the energy ecosystem and enhancing its resilience through the development and piloting of AI-IoT Edge-cloud and platform solutions
HORIZON-CL5-2023-D3-01-15

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 30 March 2023 17:00:00 Brussels time

Demonstration of sustainable tidal energy farms
HORIZON-CL5-2023-D3-01-08

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 30 March 2023 17:00:00 Brussels time

Waste heat reutilisation from data centres
HORIZON-CL5-2023-D3-01-09

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 30 March 2023 17:00:00 Brussels time

EU-China international cooperation on data and model development for pathways to carbon neutrality: focusing on decarbonisation, energy efficiency and socio-economic implications of the transition
HORIZON-CL5-2023-D1-02-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 18 April 2023 17:00:00 Brussels time

EU-China international cooperation on blue carbon
HORIZON-CL5-2023-D1-02-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Modelling for local resilience - Developments in support of local adaptation assessments and plans
HORIZON-CL5-2023-D1-01-07

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Solar Radiation Modification: governance of research
HORIZON-CL5-2023-D1-01-08

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Needs-based adaptation to climate change in Africa
HORIZON-CL5-2023-D1-01-11

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Climate-related tipping points
HORIZON-CL5-2023-D1-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Science for successful, high-integrity voluntary climate initiatives
HORIZON-CL5-2023-D1-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Further climate knowledge through advanced science and technologies for analysing Earth observation and Earth system model data
HORIZON-CL5-2023-D1-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Improved knowledge in cloud-aerosol interaction
HORIZON-CL5-2023-D1-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Improving the evidence base regarding the impact of sustainability and climate change education and related learning outcomes
HORIZON-CL5-2023-D1-01-10

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage
Deadline date	18 April 2023 17:00:00 Brussels time

Climate impacts of a hydrogen economy
HORIZON-CL5-2023-D1-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	13 December 2022
Deadline model	single-stage

Deadline date 18 April 2023 17:00:00 Brussels time

Broadening the range of policy options in transition pathway analysis
HORIZON-CL5-2023-D1-01-06

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 18 April 2023 17:00:00 Brussels time

Behavioural change and governance for systemic transformations towards climate resilience
HORIZON-CL5-2023-D1-01-09

Programme Horizon Europe (HORIZON)

Type of action HORIZON Research and Innovation Actions

Opening date 13 December 2022

Deadline model single-stage

Deadline date 18 April 2023 17:00:00 Brussels time

Mission Ocean and Waters and Mission A Soil Deal for Europe – Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin
HORIZON-MISS-2023-OCEAN-SOIL-01-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 17 January 2023

Deadline model single-stage

Deadline date 20 September 2023 17:00:00 Brussels time

Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities
HORIZON-MISS-2023-CIT-01-02

Programme Horizon Europe (HORIZON)

Type of action HORIZON Innovation Actions

Opening date 10 January 2023

Deadline model	single-stage
Deadline date	27 April 2023 17:00:00 Brussels time

Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities' Mission)

HORIZON-MISS-2023-CIT-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	10 January 2023
Deadline model	single-stage
Deadline date	27 April 2023 17:00:00 Brussels time

HORIZON EUROPE

Innovative Europe (Pillar III)

EIC Accelerator Open 2023
HORIZON-EIC-2023-ACCELERATOROPEN-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON EIC Accelerator Blended Finance
Opening date	08 December 2022
Deadline model	multiple cut-off
Next deadline	04 October 2023 17:00:00 Brussels time

EIC Accelerator Challenge: Novel biomarker-based assays to guide personalised cancer treatment
HORIZON-EIC-2023-ACCELERATORCHALLENGES-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON EIC Accelerator Blended Finance
Opening date	08 December 2022
Deadline model	multiple cut-off
Next deadline	04 October 2023 17:00:00 Brussels time

EIC Accelerator Challenge: Energy storage
HORIZON-EIC-2023-ACCELERATORCHALLENGES-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON EIC Accelerator Blended Finance
Opening date	08 December 2022
Deadline model	multiple cut-off
Next deadline	04 October 2023 17:00:00 Brussels time

EIC Accelerator Challenge: Emerging semiconductor or quantum technology components

HORIZON-EIC-2023-ACCELERATORCHALLENGES-05

Programme Horizon Europe (HORIZON)

Type of action HORIZON EIC Accelerator Blended Finance

Opening date 08 December 2022

Deadline model multiple cut-off

Next deadline 04 October 2023 17:00:00 Brussels time

EIC Accelerator Challenge: Customer-driven, innovative space technologies and services

HORIZON-EIC-2023-ACCELERATORCHALLENGES-07

Programme Horizon Europe (HORIZON)

Type of action HORIZON EIC Accelerator Blended Finance

Opening date 08 December 2022

Deadline model multiple cut-off

Next deadline 04 October 2023 17:00:00 Brussels time

EIC Accelerator Challenge: New European Bauhaus and Architecture, Engineering and Construction digitalisation for decarbonisation

HORIZON-EIC-2023-ACCELERATORCHALLENGES-04

Programme Horizon Europe (HORIZON)

Type of action HORIZON EIC Accelerator Blended Finance

Opening date 08 December 2022

Deadline model multiple cut-off

Next deadline 04 October 2023 17:00:00 Brussels time

EIC Accelerator Challenge: Novel technologies for resilient agriculture

HORIZON-EIC-2023-ACCELERATORCHALLENGES-06

Programme Horizon Europe (HORIZON)

Type of action HORIZON EIC Accelerator Blended Finance

Opening date 08 December 2022

Deadline model multiple cut-off

Next deadline	04 October 2023 17:00:00 Brussels time

EIC Accelerator Challenge: Aerosol and surface decontamination for pandemic management

HORIZON-EIC-2023-ACCELERATORCHALLENGES-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON EIC Accelerator Blended Finance
Opening date	08 December 2022
Deadline model	multiple cut-off
Next deadline	04 October 2023 17:00:00 Brussels time

Organisation of the Women TechEU Scheme

HORIZON-EIE-2023-CONNECT-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	22 December 2022
Deadline model	single-stage
Deadline date	23 March 2023 17:00:00 Brussels time

Preparatory action for setting up joint programmes among innovation ecosystems actors

HORIZON-EIE-2023-CONNECT-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	22 December 2022
Deadline model	single-stage
Deadline date	23 March 2023 17:00:00 Brussels time

EIC Pathfinder Open

HORIZON-EIC-2023-PATHFINDEROPEN-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON EIC Grants

Opening date 10 January 2023

Deadline model single-stage

Deadline date 07 March 2023 17:00:00 Brussels time

European Partnership on Innovative SMEs

HORIZON-EIE-2023-INNOVSMES-01-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON Programme Cofund Actions

Opening date 11 January 2023

Deadline model single-stage

Deadline date 22 March 2023 17:00:00 Brussels time

EIC Transition Challenge: Full scale Micro-Nano-Bio devices for medical and medical research applications

HORIZON-EIC-2023-TRANSITIONCHALLENGES-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON EIC Grants

Opening date 17 January 2023

Deadline model multiple cut-off

Next deadline 27 September 2023 17:00:00 Brussels time

Transition Open 2023

HORIZON-EIC-2023-TRANSITIONOPEN-01

Programme Horizon Europe (HORIZON)

Type of action HORIZON EIC Grants

Opening date 17 January 2023

Deadline model multiple cut-off

Next deadline 27 September 2023 17:00:00 Brussels time

EIC Transition Challenge: Chip-scale optical frequency combs

HORIZON-EIC-2023-TRANSITIONCHALLENGES-03

Programme Horizon Europe (HORIZON)

Type of action HORIZON EIC Grants

Opening date	17 January 2023
Deadline model	multiple cut-off
Next deadline	27 September 2023 17:00:00 Brussels time

EIC Transition Challenge: Environmental Intelligence

HORIZON-EIC-2023-TRANSITIONCHALLENGES-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON EIC Grants
Opening date	17 January 2023
Deadline model	multiple cut-off
Next deadline	27 September 2023 17:00:00 Brussels time

HORIZON EUROPE

Widening participation and Strengthening the ERA

A strong European R&I Foresight Community to better inform R&I policy decisions in the European Research Area about potential futures

HORIZON-WIDERA-2023-ERA-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Experimentation and exchange of good practices for value creation

HORIZON-WIDERA-2023-ERA-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Development of new approaches to the macroeconomic modelling of research and innovation

HORIZON-WIDERA-2023-ERA-01-04

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Building a virtual European Info Platform on Contemporary China

HORIZON-WIDERA-2023-ERA-01-06

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Research ethics for environmental and climate technologies

HORIZON-WIDERA-2023-ERA-01-11

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Exploitation and valorisation of results relevant for the ERA Policy Agenda

HORIZON-WIDERA-2023-ERA-01-05

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Support to reforms of research assessment in the European Research Area

HORIZON-WIDERA-2023-ERA-01-07

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022

Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

The future of research ethics review in the changing research environments

HORIZON-WIDERA-2023-ERA-01-12

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Programme level collaboration between national R&I policy-makers

HORIZON-WIDERA-2023-ERA-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

European Excellence Initiative

HORIZON-WIDERA-2023-ACCESS-03-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	10 January 2023
Deadline model	single-stage
Deadline date	12 April 2023 17:00:00 Brussels time

Teaming for Excellence

HORIZON-WIDERA-2023-ACCESS-01-01-two-stage

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	10 January 2023
Deadline model	two-stage
First stage deadline	12 April 2023 17:00:00 Brussels time
Second stage deadline	07 March 2024 17:00:00 Brussels time

Laying the groundwork towards Europe-wide citizen science campaigns

HORIZON-WIDERA-2023-ERA-01-08

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Policy support to facilitate the implementation of a zero-tolerance approach towards gender-based violence in the ERA

HORIZON-WIDERA-2023-ERA-01-09

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Support to the implementation of an EU Manifesto for STE(A)M education and research and innovation career paths to tackle gender inequalities in the ERA

HORIZON-WIDERA-2023-ERA-01-10

Programme	Horizon Europe (HORIZON)

Type of action	HORIZON Coordination and Support Actions
Opening date	06 December 2022
Deadline model	single-stage
Deadline date	09 March 2023 17:00:00 Brussels time

Testing and demonstrating transformative solutions to build resilience towards health risks caused by the effects of climate change

HORIZON-MISS-2023-CLIMA-01-03

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	10 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Testing and demonstrating transformative solutions increasing climate resilience of the agriculture and/or forestry sector.

HORIZON-MISS-2023-CLIMA-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	10 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Testing and demonstrating transformative solutions to protect critical infrastructure from climate change, mainstreaming nature based solutions.

HORIZON-MISS-2023-CLIMA-01-02

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	10 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

Hop on Facility

HORIZON-WIDERA-2023-ACCESS-06-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Research and Innovation Actions
Opening date	10 January 2023
Deadline model	multiple cut-off
Next deadline	26 September 2024 17:00:00 Brussels time

Mission Ocean and Waters and Mission A Soil Deal for Europe – Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin

HORIZON-MISS-2023-OCEAN-SOIL-01-01

Programme	Horizon Europe (HORIZON)
Type of action	HORIZON Innovation Actions
Opening date	17 January 2023
Deadline model	single-stage
Deadline date	20 September 2023 17:00:00 Brussels time

INNOVATION FUND

Demonstration of innovative low-carbon technologies

Innovation Fund è un programma di finanziamento UE, istituito dall'articolo 10 bis, paragrafo 8, della direttiva 2003/87/CE, per sostenere l'innovazione nelle tecnologie e nei processi a basse emissioni di carbonio in tutti gli Stati membri.

Innovation Fund Large Scale Projects - General decarbonisation

InnovFund-2022-LSC-01-GENERAL

Programme	Innovation Fund (INNOVFUND)
Type of action	INNOVFUND Lump Sum Grants
Opening date	03 November 2022
Deadline model	single-stage
Deadline date	16 March 2023 17:00:00 Brussels time

Innovation Fund Large Scale Projects - Innovative electrification in industry and hydrogen

InnovFund-2022-LSC-02-INDUSTRY-ELEC-H2

Programme	Innovation Fund (INNOVFUND)
Type of action	INNOVFUND Lump Sum Grants
Opening date	03 November 2022
Deadline model	single-stage
Deadline date	16 March 2023 17:00:00 Brussels time

Innovation Fund Large Scale Projects - Clean-tech manufacturing

InnovFund-2022-LSC-03-MANUFACTURING

Programme	Innovation Fund (INNOVFUND)
Type of action	INNOVFUND Lump Sum Grants
Opening date	03 November 2022
Deadline model	single-stage
Deadline date	16 March 2023 17:00:00 Brussels time

Innovation Fund Large Scale Projects - Mid-sized pilots

InnovFund-2022-LSC-04-PILOTS

Programme	Innovation Fund (INNOVFUND)
Type of action	INNOVFUND Lump Sum Grants
Opening date	03 November 2022
Deadline model	single-stage
Deadline date	16 March 2023 17:00:00 Brussels time

INCENTIVI NAZIONALI

Piani e Programmi

Legge di Bilancio

- "**Bilancio di previsione dello Stato per l'anno finanziario 2023 e bilancio pluriennale per il triennio 2023-2025**"
- "**Documento programmatico di bilancio per il 2023**"

Piano nazionale di ripresa e resilienza

- **Piano nazionale di ripresa e resilienza**
    - MIMIT: Attuazione e programma
    - MUR: Attuazione misure
    - MASE: stato di avanzamento
    - MEF: Attuazione misure

Programma Nazionale della Ricerca (PNR) 2021-2027

- **Programma nazionale per la ricerca 2021-2027**
- **Piano nazionale infrastrutture di ricerca 2021-2027**
- **Piano nazionale della Scienza Aperta**

Strategia nazionale per l'economia circolare

Piano Nazionale Integrato per l'Energia e il Clima 2030

Aiuti di Stato alla ricerca, sviluppo ed innovazione

- Comunicazione della Commissione. Disciplina degli aiuti di Stato a favore di ricerca, sviluppo e innovazione (**Bruxelles, 19.10.2022 C(2022) 7388 final**)
- MUR, Decreto 23 novembre 2020 di proroga al 31 dicembre 2023.
- MEF, Circolare del 31 dicembre 2021, n. 33

Accordo di partenariato Italia 2021-2027

FOCUS

Monitoraggio degli incentivi per la RS&I nel 2021 e nel periodo 2018-2020

L'edizione 2022 della *Relazione sugli interventi di sostegno alle attività economiche e produttive* del MIMIT, fornisce un quadro di monitoraggio sulle forme e tipologie di agevolazioni alle attività economiche e produttive, incluse quelle inerenti gli obiettivi della Ricerca, Sviluppo e Innovazione (RS&I).

A partire dai dati 2021, oggetto della più recente relazione, il sistema informativo si basa sul Registro Nazionale degli aiuti di Stato (RNA), che sostituisce la metodologia tradizionale adottata fino al 2020 (e nella relazione 2021).

Sulla base di questa revisione, dal 2018 al 2021 sono state concessi **4.7 miliardi di euro** in agevolazioni per la RS&I, sia dalle amministrazioni centrali che da quelle regionali.

Le agevolazioni concesse nel 2021 risultano 1.229 miliardi mentre quelle erogate ammontano a 647 milioni di euro circa.

Interventi pubblici complessivi per ricerca, sviluppo e innovazione

(milioni di euro)

	Ante monitoraggio RNA*	Monitoraggio RNA*				
	2018-2020	'18	'19	'20	'21	2018-2020
agevolazioni nazionali						
concesse	3.243,1	589,4	777,3	511,2	889,8	1.877,9
erogate	1.628,3					
agevolazioni regionali						
concesse	1.839,3	807,2	449,4	368,9	339,6	1.625,5
erogate	1.513,6				352,6	
totale						
concesse	5.082,4	1.396,6	1.226,7	880,1	1.229,4	3.503,4
erogate	3.141,9				647,8	

Fonte: MISE — *ultimo aggiornamento: gennaio 2023*

Interventi delle amministrazioni centrali di interesse per la RS&I

(milioni di euro)

	2015-2020	2021*
Fondo IPCEI - Importanti progetti di comune interesse europeo (Legge n. 145 del 30/12/2018) e IPCEI Microelettronica (Bilancio di previsione 2019 e bilancio 2019-2021 art. 1 comma 203)		
agevolazioni concesse	409,38	325,20
agevolazioni erogate	68,25	83,15
Contratti di sviluppo (D.M. 24/09/2010 e ss.mm.ii), Contratti di sviluppo art. 43 DL 25/06/2008, n.112, legge 6 agosto 2008, n. 133 e Decreto del Ministro dello sviluppo economico 9 dicembre 2014		
agevolazioni concesse	2.243,29	
agevolazioni erogate	1.102,60	130,53
Beni strumentali – "Nuova Sabatini" (D. Interm. 27/11/2013) e Nuova Sabatini 2 (Legge di stabilità 2020 art. 1, comma 200)		
agevolazioni concesse	1.701,88	675,04
agevolazioni erogate	537,21	305,63
Misure per la ricerca scientifica e tecnologica - D.L. 83/2012 (conv. Legge n. 134/2012) - D.M. 593/2016 - Potenziamento dei 4 nuovi Cluster Tecnologici Nazionali e Disposizioni in materia di finanziamento di infrastrutture mediante defiscalizzazione		
agevolazioni concesse	289,15	216,55
agevolazioni erogate		82,17
Credito d'imposta formazione 4.0		
Importo agevolato		113,68
Incentivi fiscali all'investimento in start up innovative		
Importo agevolato		52,2
Fondo Agevolazioni alla Ricerca - FAR (D. Leg.vo 297/99; D.M. 593/00)		
agevolazioni concesse		
agevolazioni erogate	461,69	
Start up innovative (Smart&Start) D.M. 06/03/2013 e ss.mm.ii.		
agevolazioni concesse	347,09	
agevolazioni erogate	100,03	
Fondo Innovazione Tecnologica - FIT (L. 46/82)		
agevolazioni concesse		
agevolazioni erogate	639,57	
Bando Macchinari Innovativi. Intervento Fabbrica intelligente. D.M. 09/03/2018		
agevolazioni concesse	261,22	
agevolazioni erogate		
Progetti di RS&I nell'ambito del Fondo Crescita Sostenibile (FCS) - D.L. 83/2012 articolo 23 - D.Interm. 08/03/2013		
agevolazioni concesse	2.848,84	
agevolazioni erogate	745,68	

Fonte: MISE ultimo aggiornamento: gennaio 2023

FOCUS

Storia e attualità dell'Innovation Manager

L’Innovation Manager acquisisce, a livello normativo, una importante notorietà grazie al “Voucher Innovation Manager”, misura ideata e promossa dal Ministero dello Sviluppo Economico (MISE) nell’anno 2019 per facilitare l'accesso delle imprese alla consulenza in innovazione da parte di una figura cosiddetta Innovation Manager.

L’Innovation Manager concepito dal MISE era un professionista iscritto presso un elenco appositamente istituito dal MISE stesso, il quale auto-dichiarava il possesso di specifici requisiti di formazione ed esperienza professionale, senza quindi che vi fosse una valutazione oggettiva e puntuale di merito.

Nel corso dell’erogazione dei servizi consulenziali da parte degli Innovation Manager iscritti all’apposito registro istituto presso il MISE, l’Ente di Normazione Italiano (UNI) si appresta ad avviare il processo di normazione delle professioni non regolamentate in Italia, grazie al quale sta tutt’ora definendo compiti e requisiti di conoscenza, abilità e autonomia delle principali professioni non altrimenti regolamentate per legge.

Parte del processo complessivo di normazione delle professioni non regolamentate è stata la pubblicazione, nel 2021, della norma UNI 11814:2021, che specifica compiti e requisiti di conoscenza, abilità e autonomia dell’Innovation Manager.

Nella norma 11814:2021 emerge un profilo manageriale dell’Innovation Manager ben più sviluppato del manager originariamente oggetto dell’elenco istituito presso il MISE. E, in virtù della Legge 4/2013, l’Innovation Manager certificato secondo norma UNI 11814 viene ufficialmente riconosciuto nel contesto normativo italiano.

Il registro pubblico degli Innovation Manager istituito presso Accredia, l'Ente Italiano di Accreditamento, è infine il luogo dove trova casa l’elenco degli Innovation Manager certificati.

Per maggiori informazioni sull’accreditamento e la formazione: Certificazione UNI 11814 Innovation Manager a cura di Lapetre.

INCENTIVI NAZIONALI

Ministero dell'Università e Ricerca

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Bando 2023 della Sustainable Blue Economy Partnership - SBEP	Consorzi di ricerca dovranno includere partner provenienti da un minimo di tre Paesi	Cofinanziamento nazionale: 5M€ dal MUR	entro il 14 aprile 2023 le proposte preliminari ed entro il 13 settembre 2023 le proposte complete	MUR
ERA4Health Avviso della partnership europea "HealthEquity: "Increasing health equity through promoting healthy diets and physical activity".	Consorzi di ricerca i cui partner devono provenire da un minimo di 3 Paesi	Cofinanziamento nazionale: 1M€ dal MUR 1,5M€ Ministero della Salute	14 marzo 2023	MUR

INCENTIVI NAZIONALI

Ministero delle Imprese e del Made in Italy

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Partenariati per la ricerca e l'innovazione "Horizon Europe" Assegnazione delle risorse ai bandi delle sette partnership europee individuate nell'ambito dell'intervento PNRR M4C2 - Investimento 2.2: Partenariati per la ricerca e l'innovazione "Horizon Europe".	Imprese, OdR e Centri di Ricerca	144 milioni	Varie scadenze	Decreto ministeriale 16 dicembre 2022
Fondo per il sostegno alla transizione industriale Favorire l'adeguamento del sistema produttivo nazionale alle politiche europee in materia di lotta ai cambiamenti climatici.	Imprese	150 milioni (di cui 50% a imprese energivore) Spese complessive ammissibili di importo non inferiore a euro 3 milioni e non superiore a 20 milioni di euro.	I termini per la presentazione delle domande saranno definiti con successivo provvedimento	Decreto Ministeriale 21 ottobre 2022 LEGGE 30 dicembre 2021, n. 234.
Green and Innovation Deal, sostegno ad iniziative per transizione ecologica e circolare a valere sul Fondo per la crescita sostenibile (FCS) e sul Fondo rotativo per il sostegno alle imprese e agli investimenti in ricerca (FRI). Temi:	Imprese e centri di ricerca	600 milioni di euro di agevolato e 150 a fondo perduto	Dal 17 novembre 2022 fino a esaurimento delle risorse Procedura a sportello per i	Decreto Direttoriale Mise 23 agosto 2022 D. interministeriale 1

• 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			progetti con costi compresi tra 3 Mil€ e 10 Mil€; procedura negoziale per i progetti con costi compresi tra 10 Mil€ e 40 Mil€	dicembre 2021
Investimenti sostenibili 4.0 è un regime di aiuto per il sostegno, nell'intero territorio nazionale, di nuovi investimenti imprenditoriali innovativi e sostenibili.	PMI	678 milioni di cui 427 per il Mezzogiorno Stanziate ulteriori risorse finanziarie pari a 131 milioni di euro	Sportello chiuso	D.M. 28 giugno 2022 D.M 10 febbraio 2022
Contratti di sviluppo Il Contratto di sviluppo rappresenta il principale strumento agevolativo dedicato al sostegno di programmi di investimento produttivi strategici ed innovativi di grandi dimensioni. La gestione dei Contratti di sviluppo è affidata all'Agenzia nazionale per l'attrazione degli investimenti e lo sviluppo d'impresa S.p.A.	Imprese	1,5 miliardi in procedura ordinaria. 500 milioni per Accordi di programma e Accordi di sviluppo.	Primo sportello 2022 (500 milioni + 591 + 250 milioni). Secondo sportello 2023 (500 milioni) apertura il 31 gennaio 2023 senza meccanismo del click day, possibilità di precompilazione prima (dal 17 gennaio 2023)	D.M. MISE 10 agosto 2022 D.M. 25 maggio 2022 D.M. 11 maggio 2022 Legge 30 dicembre 2021, n. 234 D.M. 2/11/2021 D.M. 5/03/2021 D.M del 19/11/2020 D.M. del 09/12/2014
Contratti di sviluppo – Settore Automotive		323,6 milioni di euro, residuo dopo	Nuove domande a partire dal 29	Decreto direttoriale 14

		la chiusura del primo sportello	novembre 2022	novembre 2022
Contratti di sviluppo – Settore Rinnovabili e Batterie Riapertura dello sportello per la presentazione delle domande di agevolazioni a valere sulla misura dei Contratti di sviluppo, per il sostegno di programmi coerenti con le finalità Misura M2C2 Investimento 5.1 "Rinnovabili e batterie" del Piano nazionale di ripresa e resilienza.		358,2 milioni	E' possibile presentare nuove domande a partire dal 28 novembre 2022	Decreto direttoriale 16 novembre 2022
Contratti di sviluppo - Autobus Elettrici (PNRR) La misura PNRR M2C2 Investimento 5.3 "Sviluppo di una leadership internazionale, industriale e di ricerca e sviluppo nel campo degli autobus elettrici" finalizzata a sostenere progetti capaci di promuovere la trasformazione verde e digitale dell'industria degli autobus al fine di produrre veicoli elettrici e connessi.	Imprese	300 milioni Un importo pari ad almeno il 40% delle risorse è destinato al finanziamento di progetti da realizzare nelle Regioni Abruzzo, Basilicata, Calabria, Campania, Molise, Puglia, Sardegna e Sicilia	A partire dal 26 aprile 2022	Decreto MISE 29 aprile 2022 (GU n.151 del 30-6-2022) Decreto Direttoriale Mise 8 aprile 2022
Accordi per l'innovazione Progetti riguardanti attività di ricerca industriale e di sviluppo sperimentale finalizzati alla realizzazione di nuovi prodotti, processi o servizi o al notevole miglioramento di prodotti,	Imprese	1 miliardo da PNRR 250 milioni di euro ulteriori per finanziare ulteriori		Decreto 25 maggio 2022 Decreto 18 marzo 2022 D.M. 31 dicembre 2021

processi o servizi esistenti, tramite lo sviluppo di una o più delle tecnologie identificate dal Programma quadro dell'Unione europea per la ricerca e l'innovazione. Procedura negoziale. Il D.M. 31 dicembre 2021 ridefinisce le procedure per la concessione ed erogazione delle agevolazioni.		progetti presentati nel primo sportello.		L. 30 dicembre 2020, n. 178, art.1 comma 154 D.M. 24/05/2017
Accordi per l'innovazione - Secondo sportello		500 milioni di euro	Aperto il bando il 31 gennaio subito chiuso per esaurimento delle risorse (resta aperto lo sportello a valere sulle risorse dell'Accordo quadro per i progetti da realizzare nella regione Calabria).	Decreto Ministeriale 14 novembre 2022
Secondo sportello aperto per automotive		326 milioni di euro	A partire dal 29 novembre 2022	Decreto direttoriale 10 ottobre 2022
IPCEI Importanti progetti di interesse comune europeo in diversi ambiti. Invito a manifestare interesse.	Imprese	Manifestazione di interesse.	Presentazione, varie scadenze	Normativa comunitaria GUUE del 20 giugno 2014 (2014/C 188/02)

				GUUE del 31 luglio 2014 (2014/C 249/01)
IPCEI *Idrogeno* H2 Technology Contesto Modalità e termini		700 milioni	Chiuso	Decreto 13 ottobre 2022
IPCEI *Idrogeno* H2 Industry Contesto Modalità e termini		350 milioni	Dal 22 dicembre 2022 al 23 febbraio 2023	Decreto 19 dicembre 2022
Rilancio aree di crisi industriale Criteri e modalità di concessione delle agevolazioni in favore di programmi di investimento finalizzati alla riqualificazione delle aree di crisi industriali. La gestione è affidata all'Agenzia nazionale per l'attrazione degli investimenti e lo sviluppo d'impresa S.p.A. - Invitalia.	Imprese localizzate nelle aree di crisi industriale		Il 21 febbraio 2023 apre lo sportello per gli aiuti legge 181/89 per l'area di crisi di Marcianise (CE).	D.M. 24 marzo 2022 definisce nuovi criteri di accesso. Con circolare direttoriale 16 giugno 2022, n. 237343 sono state fornite le indicazioni di dettaglio per l'applicazione della nuova disciplina e per la presentazione delle domande di agevolazione.
Credito d'imposta ricerca e sviluppo, innovazione e design	Imprese	Per le attività di ricerca fondamentale,	2021-2031	

Per investimenti in R&S, in transizione ecologica, in innovazione tecnologica 4.0 e altre attività innovative.		ricerca industriale e sviluppo sperimentale in campo scientifico e tecnologico, fino al 31 dicembre 2022: pari al 20%, nel limite massimo annuale di 4 milioni di euro. Nel periodo d'imposta successivo e fino a quello in corso al 31 dicembre 2031, il credito d'imposta è riconosciuto in misura pari al 10%, nel limite massimo annuale di 5 milioni di euro.		LEGGE 30 dicembre 2021, n. 234. Commi 198-209, della legge 27 dicembre 2019, n. 160 (legge di bilancio 2020), e ss. L. 30 dicembre 2020, n. 178 Decreto MISE 26 maggio 2020
Beni strumentali ("Nuova Sabatini") Accesso al credito per acquistare o acquisire in leasing macchinari, attrezzature, impianti, beni strumentali ad uso produttivo e hardware, nonché software e tecnologie digitali. Dal 1° gennaio 2023 una specifica dotazione finanziaria è destinata per investimenti a basso impatto ambientale da parte di micro, piccole e medie imprese.	PMI	150 milioni di euro per il 2023		Normativa e circolari LEGGE 29 dicembre 2022, n. 197 LEGGE 30 dicembre 2021, n. 234. L. 23 luglio 2021, n. 106

				L. 30 dicembre 2020, n. 178 D.L.Rilancio 19 maggio 2020, n. 34
Credito d'imposta per investimenti in beni strumentali Investimenti in beni strumentali materiali tecnologicamente avanzati, investimenti in beni strumentali immateriali e altri beni strumentali. Misura rifinanziata e modificata con la Manovra 2022.	Imprese	A partire dal 2023 le aliquote si dimezzano rispetto al 2022. Per i Beni strumentali materiali tecnologicamente avanzati: - 20% (fino a 2,5ME) - 10% (2,5 - 10ME) - 5% (10 - 20 ME) - 5% (fino a 50 ME degli investimenti PNRR). Per i Beni strumentali immateriali: 20% (fino a 1 ME).		DECRETO-LEGGE 27 gennaio 2022, n. 4 LEGGE 30 dicembre 2021, n. 234. L. 30 dicembre 2020, n. 178 Legge 27 dicembre 2019, n. 160 Legge 11 dicembre 2016, n. 232
Macchinari innovativi Sostiene la realizzazione, nei territori delle regioni Basilicata, Calabria, Campania, Puglia e Sicilia, di programmi di investimento diretti a consentire la trasformazione tecnologica e digitale dell'impresa ovvero a favorire la transizione del settore manifatturiero verso il paradigma dell'economia circolare.	PMI	300 + 93 milioni di euro sono destinati a sostegno delle domande di agevolazione presentate nei due sportelli.		D.M. 2 novembre 2021 D.M. 26 febbraio 2021 Decreto direttoriale 26 marzo 2021 D.M. 30 ottobre 2019

Incentivi per la Digital Trasformation Si intende favorire la trasformazione tecnologica e digitale dei processi produttivi delle imprese, di micro, piccola e media dimensione, anche in coerenza con le linee strategiche del Piano triennale per l'informatica nella P.A.. La gestione è affidata a Il'Agenzia nazionale per l'attrazione degli investimenti e lo sviluppo d'impresa S.p.A. – Invitalia.	Micro e PMI	100 milioni		
Credito di imposta per la formazione 4.0 La misura si sostanzia in un credito d'imposta a favore delle imprese che effettuano percorsi formativi sulle tecnologie abilitanti il paradigma 4.0. Estensione del credito d'imposta alle spese sostenute per la formazione dei dipendenti e degli imprenditori. Aumento dell'aliquota al 60% (lavoratori dipendenti svantaggiati)	Imprese	70% delle spese ammissibili nel limite massimo annuale di 300 mila euro per le piccole imprese; 50% delle spese ammissibili nel limite massimo annuale di 250 mila euro per le medie imprese; 30% delle spese ammissibili per le grandi imprese nel limite massimo annuale di 250 mila euro.	Il credito si applica alle spese di formazione 2021-2022	D.M. 1 luglio 2022 Dm 4 maggio 2018 - Gu 22.6.2018, n. 143 Art. 22, Decreto Legge 17 maggio 2022, n. 50 D.M. 1 luglio 2022
Brevetti + L'incentivo viene riconosciuto per l'acquisto di servizi	Micro, piccole e medie imprese,	30 milioni per il 2022	Sportello chiuso	

specialistici finalizzati alla valorizzazione economica di un brevetto in termini di redditività, produttività e sviluppo di mercato. Gestore: Invitalia	comprese le start up innovative			
Disegni + Valorizzazione e lo sfruttamento economico dei disegni/modelli industriali sui mercati nazionale e internazional. UIBM-Unioncamere.	Micro, piccole e medie imprese	14 milioni per il 2022	Sportello chiuso	
Marchi + L'incentivo viene riconosciuto per l'acquisto di servizi specialistici finalizzati alla registrazione di marchi europei e marchi internazionali	Micro, piccole e medie imprese	2 milioni per il 2022	Sportello chiuso	
Patent box: tassazione agevolata sui redditi derivanti dalle opere di ingegno.	Soggetti titolari di reddito d'impresa, indipendentemente dal tipo di contabilità adottata e dal titolo giuridico in virtù del quale avviene l'utilizzo dei beni	110%, escludendo dall'ambito dei beni agevolabili i marchi di impresa e limitandolo quindi ai brevetti o ai beni comunque giuridicamente tutelati. Eliminato il divieto di cumulo tra il Patent box e il credito di imposta per ricerca e sviluppo.		LEGGE 30 dicembre 2021, n. 234 Dm 28 novembre 2017 Decreto Legge del 30 aprile n. 34/2019
Smart Money Contributo a fondo perduto per l'acquisto di servizi prestati da parte di incubatori, acceleratori,	Start up innovative			

innovation hub, business angels e altri soggetti pubblici o privati operanti per lo sviluppo di imprese innovative.				
Smart & Start Sostiene la nascita e la crescita delle startup innovative. Finanzia progetti compresi tra 100.000 euro e 1,5 milioni di euro.	Start up innovative			
CdP venture capital per start up e pmi innovative Nell'ambito del Fondo nazionale Innovazione – gestito dalla Cassa depositi e prestiti, rifinanziati gli investimenti in startup e PMI innovative, al fine di favorire la crescita di un ecosistema di innovazione e accompagnare i processi di transizione ecologica e digitale.	Start up e PMI innovative			
Fondo di garanzia per le PMI La finalità è di favorire l'accesso alle fonti finanziarie delle piccole e medie imprese mediante la concessione di una garanzia pubblica che si affianca e spesso si sostituisce alle garanzie reali portate dalle imprese.	PMI Riservata una quota per start up innovative			LEGGE 30 dicembre 2021, n. 234 D.L. n. 73/2021, art. 12 L. 30 dicembre 2020, n. 178 , articolo 1, comma 244. D.L.Rilancio 19 maggio 2020, n. 34 Legge n. 662/96
Plafond PMI	PMI			

Lo strumento di Cassa Depositi e Prestiti è finalizzato ad agevolare la crescita dimensionale delle PMI che sottoscrivono un contratto di rete per un programma comune				
Incentivi fiscali per investimenti in startup e PMI innovative. Incentivi fiscali per gli investimenti in capitale di rischio nelle startup innovative (aliquota unica del 50%).	Startup e PMI innovative			Decreto interministeriale 28 dicembre 2020

INCENTIVI NAZIONALI

Ministero degli Affari Esteri e della Cooperazione Internazionale

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Protocolli Esecutivi scientifici e tecnologici bilaterali in vigore			Varie scadenze	MAECI

Ministero dell'Ambiente e della Sicurezza Energetica

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Idrogeno. Missione 2, Componente 2: - Investimento 3.1 «Produzione di idrogeno in aree industriali dismesse (hydrogen valleys)» - Investimento 3.2 «Utilizzo dell'idrogeno in settori hard-to-abate».	Stanziamento ripartito tra le Regioni come soggetti attuatori dal D.m. 2 settembre 2022	Per le hydrogen valley le risorse finanziarie pari a 500 milioni di cui 50 milioni di euro per «progetti bandiera» . Per Hard-to-abate 2 miliardi di euro .		Decreto Mite 2 settembre 2022, pubblicato sulla G.u. n. 282 del 2 dicembre 2022
Idrogeno. Attuazione della Missione 2, Componente 2, Investimento 5.2 del PNRR	Imprese	450 milioni di cui: - 250 alla costruzione di stabilimenti per la produzione di elettrolizzatori nell' ambito dei Progetti IPCEI;		Decreto Mite 27 aprile in G.u. n. 140 del 17 giugno 2022

		-100 milioni per sostenere progetti finalizzati alla realizzazione di stabilimenti per la produzione di elettrolizzatori ulteriori rispetto a quelli IPCEI; - 100 milioni per sostenere la realizzazione di programmi di investimento finalizzati allo sviluppo della filiera produttiva degli elettrolizzatori e/o delle relative componenti. Il 40% delle risorse è destinato al Sud.		

FOCUS

Avvisi regionali per lo sviluppo delle Hydrogen Valleys

Gli avvisi attivi o in corso di attivazione (rilevati al 31 gennaio) che le Regioni possono emanare per l'avviamento di impianti di produzione di Idrogeno anche nell'ambito del PNRR Missione 2, Componente 2, Investimento 3.1 - Produzione di idrogeno in aree industriali dismesse (Hydrogen Valleys).
A seguito della pubblicazione da parte del Ministero dell'Ambiente del Decreto direttoriale n. 427 del 23 dicembre 2022, entro la fine di gennaio 2023 tutte le Regioni pubblicheranno i propri avvisi ed entro marzo è prevista la selezione dei progetti e la relativa assegnazione delle risorse.

Basilicata

Avviso pubblico finalizzato alla selezione di proposte progettuali volte alla realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse, da finanziare nell'ambito del Piano Nazionale di Ripresa e Resilienza (PNRR) - M2C2 Investimento 3.1 "Produzione in aree industriali dismesse"
L'avviso è la parte terminale prevista dal Pnrr, nell'ambito della Missione 2 'Rivoluzione verde e transizione ecologica' e prevede l'agevolazione della produzione di idrogeno verde da fonti rinnovabili in aree industriali dismesse, anche per supportare la creazione di 'Hydrogen valleys' che rivestono un'importanza strategica per il Basilicata.
Le proposte progettuali devono essere presentate entro il 24 febbraio 2023.

Calabria

Avviso pubblico finalizzato alla selezione di proposte progettuali volte alla realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse (regione.calabria.it)
Per la realizzazione dei progetti, con decreto del 21.10.2022, il MASE ha assegnato alla Regione Calabria risorse pari a 24,5M€.
Le proposte progettuali devono essere presentate entro il 10 febbraio 2023.

Campania

PNRR Avviso pubblico Hydrogen Valleys per la realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse. (regione.campania.it)

E' uscito l'Avviso pubblico Hydrogen Valleys per la realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse.

Presentazione delle domande fino al 28/02/2023.

Emilia Romagna

Progetti per la realizzazione di impianti di produzione di idrogeno rinnovabile nelle aree industriali dismesse

19,5 milioni per sostenere la realizzazione d'impianti di produzione d'idrogeno rinnovabile in aree industriali dismesse, volti alla promozione della produzione locale e all'utilizzo d'idrogeno nell'industria e nel trasporto locale.

Presentazione delle domande fino al 20/02/2023.

Lazio

Produzione di idrogeno rinnovabile nelle aree industriali dismesse

17 milioni per sostenere la realizzazione d'impianti di produzione d'idrogeno rinnovabile in aree industriali dismesse.

Presentazione delle domande fino al 24/02/2023.

Lombardia

Avviso pubblico finalizzato alla selezione di proposte progettuali volte alla realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse.

Il bando PNRR "Hydrogen Valleys" apre a fine gennaio. Si tratta di 33,5 milioni di euro.

Presentazione domande fino al 23 febbraio 2023.

Marche

Produzione di idrogeno rinnovabile in aree industriali dismesse.

Il bando PNRR “Hydrogen Valleys” stanzia 14 milioni di euro.

Domande fino al 2 marzo 2023.

Molise

Produzione di idrogeno rinnovabile in aree industriali dismesse.

Il bando PNRR “Hydrogen Valleys” stanzia 16 milioni di euro.

Domande fino al 30 febbraio 2023.

Puglia

PNRR M2C2 - Investimento 3.1: Avviso pubblico finalizzato alla selezione di proposte progettuali volte alla realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse. - PNRR M2C2 - Investimento 3.1: Avviso pubblico finalizzato alla selezione di proposte progettuali volte alla realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse. - Politiche energetiche - Regione Puglia

Le istanze possono essere presentate fino alle ore 12 di venerdì 24 febbraio 2023 nell’ambito PNRR M2C2 - Investimento 3.1: Avviso pubblico finalizzato alla selezione di proposte progettuali volte alla realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse.

Sicilia

Approvazione dell'avviso pubblico finalizzato alla selezione di proposte progettuali volte alla realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse, da finanzia | Regione Siciliana

Il bando è finanziato con le risorse del Pnrr per la “Rivoluzione verde e transizione ecologica”, per complessivi 40 milioni di euro. I progetti dovranno essere presentati a sino al 17 febbraio. La graduatoria delle proposte pervenute dovrà essere pubblicata entro il 31 marzo.

Piemonte

PNRR M2C2 Investimento 3.1 “Produzione di idrogeno in aree industriali dismesse” fin. EU NextGenerationEU | Bandi Regione Piemonte

La dotazione finanziaria destinata alla Regione Piemonte per la realizzazione degli interventi per la produzione di idrogeno in aree industriali dismesse è stabilita in Euro 19.500.000,00, secondo il riparto finanziario del Ministero della transizione ecologica (GU n.282 del 2-12-2022).

Fino al 28 febbraio 2023 la presentazione delle domande.

Toscana

Avviso regionale per la selezione delle proposte progettuali volte alla realizzazione di impianti di produzione di idrogeno rinnovabile in aree industriali dismesse

Le risorse finanziarie disponibili per la concessione delle agevolazioni di cui al presente Avviso ammontano a euro 17.500.000.

FIno al 17 febbraio 2023 la presentazione delle domande.

Trentino- Alto Adige

Produzione di idrogeno rinnovabile in aree industriali dismesse

Le risorse finanziarie disponibili per la concessione delle agevolazioni di cui al presente Avviso ammontano a 14 milioni di euro.

Fino al 27 febbraio 2023 la presentazione delle domande.

Umbria

PNRR Missione 2 Componente 2 attuazione dell'Investimento 3.1 Produzione in aree industriali dismesse. Approvazione bando Hydrogen Valley - Umbria

Bando per impianti di produzione di idrogeno rinnovabile in aree industriali dismesse, a cui verranno destinati 14 milioni di euro. E’ possibile presentare domanda fino al 28 febbraio ed entro il 31 marzo 2023 sarà pubblicata la graduatoria dei progetti.

FOCUS

A cura di Ayming

Emilia Romagna – Bando per progetti di ricerca e sviluppo sperimentale

Quali sono le finalità del bando "Progetti di ricerca e sviluppo sperimentale"?
Il bando di Emilia-Romagna ha la finalità di incentivare e sostenere i progetti di ricerca e di sviluppo sperimentale. Particolare attenzione viene prevista per i progetti aventi ad oggetto l'economia circolare e alla lotta ai cambiamenti climatici.

A chi è rivolto?
Il bando è rivolto alle piccole e medie imprese o dalle grandi imprese, queste ultime a patto di (i) avere contratti di collaborazione con le PMI e (ii) assumere almeno 1 ricercatore (entrambe le condizioni devono essere soddisfatte).

Tutti i soggetti beneficiari sono, in ogni caso, (i) in possesso dei parametri di solidità finanziaria previsti dal Bando e (ii) tenuti ad accompagnare i progetti con collaborazioni strutturate con Università, organismi e laboratori di ricerca, in particolare appartenenti alla Rete alta tecnologia dell'Emilia-Romagna.

Quali agevolazioni offre il bando "Progetti di ricerca e sviluppo sperimentale"?
L'intensità del contributo a fondo perduto è pari al 45% per le attività di ricerca industriale e 20% per le attività di sviluppo sperimentale, entro e non oltre il limite massimo di 500.000 per le PMI e 700.000 per le grandi imprese in collaborazione con le PMI.

Le risorse finanziarie disponibili ammontano a 25 milioni di euro, con una riserva di 10 milioni per i progetti che offrono soluzioni innovative sui temi dell'energia pulita, l'economia circolare e clima e risorse naturali.

Quali sono i progetti ammissibili?

Sono ammissibili i progetti aventi ad oggetto attività di ricerca industriale e sviluppo sperimentale e comprensivi di contratti con enti di ricerca e laboratori di ricerca. Il costo minimo degli stessi è pari a 250.000 euro per le PMI, 125.000 per le imprese culturali e creative o 500.000 euro per le grandi imprese.

I progetti devono avere ad oggetto ambiti inclusi nella Strategia di Specializzazione Intelligente 2021-2027 riassunte in 15 ambiti cross settoriali, come elencati: Energia pulita, sicura e accessibile; Circular Economy; Clima e Risorse Naturali; Blue Growth; Innovazione nei Materiali; Digitalizzazione, intelligenza artificiale, big data; Manufacturing 4.0 e future evoluzioni; Connettività di sistemi a terra e nello spazio; Mobilità e motoristica sostenibile e innovativa; Città e comunità del futuro; Patrimonio territoriale e identità regionale: beni e contenuti culturali, attività creative, turismo e prodotti Made in E-R; Benessere della persona, nutrizione e stili di vita; Salute; Innovazione sociale e partecipazione; Inclusione e coesione sociale: educazione, lavoro, territori.
Sono ammissibili i costi così determinati:

1. Ricerca contrattuale con organismi di ricerca e/o laboratori della rete (minimo 40.000 euro, ridotto a 20.000 euro per le imprese culturali e creative) – brevetti, software specialistico, servizi di consulenza di carattere tecnico-scientifico, spese per l'utilizzo di laboratori di ricerca o di prova;
2. Quota ammortamento – noleggio di strumentazione scientifica e/o impianti industriali (max 40% della voce di spesa A);
3. Realizzazione fisica di prototipi, nella misura massima del 40% del totale della voce di spesa A e B. (solo per sviluppo sperimentale);
4. Personale adibito ad attività di ricerca, progettazione, sperimentazione, assunto con contratto di lavoro subordinato, nella misura massima del 20% del totale delle voci di costo A, B, C;
5. Spese generali, calcolate nella misura forfettaria del 5% del totale dei costi diretti ammissibili.

Come funziona la procedura di accesso?

Ai fini dell'accesso è prevista una procedura valutativa a graduatoria: è possibile inoltrare domande dal 1° febbraio al 28 febbraio 2023.

Fonte: Bando per progetti di ricerca e sviluppo sperimentale

INCENTIVI REGIONALI

Basilicata

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Contratti di Sviluppo Regionale	Imprese	30 milioni	31 dicembre 2023	D.G.R. N. 202200658 del 7 ottobre 2022

Calabria

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Fondo di Venture Capital	PMI	3 milioni	A sportello fino a esaurimento fondi	Regione Calabria

Emilia Romagna

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Sostegno degli investimenti produttivi finalizzato all'innovazione delle imprese	Micro, piccole e medie imprese	20 milioni	1 marzo 2023	Delibera di Giunta regionale n. 2098 del 28 novembre 2022
Progetti di ricerca e sviluppo sperimentale	Grandi imprese e PMI	25 milioni	28 febbraio 2023	Delibera di Giunta regionale n. 1852 del 2

				novembre 2022
Progetti di ricerca industriale rivolti agli ambiti prioritari della Strategia di Specializzazione Intelligente 2023-2024	Laboratori di ricerca della Rete Alta Tecnologia, università, enti ed organismi di ricerca, centri per l'innovazione, accreditati dalla Regione Emilia-Romagna	25 milioni	31 marzo 2023	Delibera di Giunta regionale n. 2097 del 28 novembre 2022
Sostegno allo sviluppo delle start up innovative	Micro e piccole imprese	5 milioni	17 febbraio 2023	Delibera di Giunta regionale n. 1915 del 7 novembre 2022

Lazio

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Infrastrutture Aperte per la Ricerca 2022	Soggetti di natura privata o pubblico privata	20 milioni	Fino al 30 marzo 2023	Determinazione G18371 21 dicembre 2022
Riposizionamento competitivo RSI	Imprese in forma singola o aggregata.	71,6 milioni. 400 mila euro minimo di costi	- 27 marzo 2023 per Scienze	Determinazione 28 dicembre

Riposizionamento competitivo delle Imprese del territorio basato sullo sviluppo di tecnologie avanzate in linea con le traiettorie individuate nella Smart Specialization Strategy Regionale (RIS3) per ciascuna delle 9 Aree di Specializzazione intelligente.	Le Grandi Imprese sono ammissibili solo se cooperano con PMI che traggono un effettivo beneficio dai risultati del Progetto. Sono ammissibili anche gli Organismi di Ricerca (OdR) in collaborazione con le Imprese.	ammissibili per progetto. Sono agevolabili i Progetti di Ricerca Sviluppo e Innovazione (RSI) ex art. 25 del Reg. (UE) 651/2014 che devono prevedere il completamento o quasi dell'attività di Sviluppo Sperimentale (TRL 7) ed eventualmente riguardare, in misura non superiore al 30%, anche la Ricerca Industriale. Ogni singolo progetto deve avere un budget non inferiore a 400.000 euro e deve essere concluso e rendicontato entro 18 mesi dalla concessione del contributo.	della Vita ed Economia del Mare, Green Economy e Agrifood - 17 aprile 2023 per Aerospazio, Sicurezza, Automotive e Mobilità, Industrie creative e digitali, Patrimonio culturale e tecnologie della cultura	2022, n. G18823

Bando Pre-seed Plus creazione di startup innovative ad elevato potenziale di crescita	Start up innovative	5 milioni	Dal 19 maggio fino a esaurimento risorse	Determinazione n. G04507 del 12 aprile 2022
Innova venture co-investe direttamente nel capitale di rischio delle imprese del Lazio esclusivamente insieme a investitori privati		22 milioni	31 luglio 2023	BURL n. 117 del 16 dicembre 2021

Lombardia

Tipo d'intervento	Beneficiari	Budget totale / % di finanziamento	Scadenza	Fonte informativa
Ricerca e innova Il bando sostiene investimenti in ricerca industriale, sviluppo sperimentale e innovazione di processo (anche digitale) da parte delle PMI lombarde.	PMI	27.2 milioni €	Dal 25 gennaio 203 fino a esaurimento risorse. Lo sportello è stato temporaneamente sospeso il 25 gennaio per esaurimento delle risorse disponibili.	Deceto 18327 del 15 dicembre 2022

Piemonte

Tipo d'intervento	Beneficiari	Budget totale/ % di finanziamento	Scadenza	Fonte informativa
Contratto di insediamento: attrazione di investimenti in Piemonte	Grandi imprese (possibile la collaborazione con PMI e organismi di ricerca)	14 milioni €	31/12/ 2023	Bollettino Ufficiale n.8 Supplemento 1 del 20/02/2020

Veneto

Tipo d'intervento	Beneficiari	Budget totale/ % di finanziamento	Scadenza	Fonte informativa
Progetti di ricerca e sviluppo nelle tematiche della salute e del benessere	Imprese	4 milioni €	21/02/ 2023	Bur n. 149 del 09 dicembre 2022

Monitoraggio Bandi RS&I

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