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NSF-DFG Funding Opportunity for Collaborations in Physics

The pursuit of scientific goals recognises no geographic boundaries and as such, international collaborations are more the norm than the exception nowadays. To facilitate the support of collaborative work between US groups and their German counterparts, the National Science Foundation's (NSF) Physics Division (PHY) and the DFG's Physics and Chemistry division have recently agreed on a joint lead-agency process for projects in the area of Physics. US researchers are invited to consult the NSF Dear Colleague Letter (see link below). This funding activity includes only the areas described in the NSF Division of Physics programmes (see link below).

The proposals will be assessed in competition with other proposals received in the same submission window by one of the agencies that will serve as the lead agency. It is important to note that there are no separate funds available for these efforts; proposals must compete with all other proposals within the programmes opened to the lead agency activity and must succeed on the strengths of their scientific quality and originality. From the viewpoint of the DFG, this is a special case of the DFG's individual research grants programme (Sachbeihilfe), with a few additional provisions. The result of the review process will be shared between the agencies to make final decisions on this basis. Support will be granted for those proposals with both DFG and NSF recommendation for funding. Proposals selected for funding will be funded by the NSF on the US side and by the DFG on the German side. Researchers are to acknowledge both the NSF and the DFG in any reports or publications arising from the grant.

Timeline for Submissions

Proposals where the DFG is the lead agency can be submitted on a continuous basis. For proposals where the lead agency is the NSF, please refer to the NSF-Physics Division for specific timing of deadlines.

Proposal Preparation and Submission

Prior to the submission, applicants must discuss within their research team where they feel the largest proportion of research lies and agree on a proposed lead agency (either NSF or DFG).

The eligibility to submit a proposal follows the regulations for the NSF and DFG programmes for individual funding respectively. All practices, such as demarcation from other national funding agencies, of the DFG and NSF programmes involved also apply to joint NSF-DFG proposals. Applicants to be funded by the DFG are requested to fulfil the eligibility requirements of DFG Research Grants, see the corresponding Guidelines Research Grants Programme (cf. DFG form 50.01 – link below). This includes the duty to cooperate (“Kooperationspflicht”) within Germany for members of non-university institutions with permanent positions. Researchers must contact the corresponding programme officers prior to the submission.

Proposals must be submitted in accordance with the proposal preparation requirements of the chosen lead agency via Research.gov (NSF) and elan (DFG). All documents submitted to the NSF and the DFG must be in English. For the NSF, the Solicitation NSF “Division of Physics: Investigator-Initiated Research Projects”, and for the DFG, the Guidelines Research Grants Programme (DFG form 50.01, see link below), should be consulted. Within one week after submitting the proposal to the lead agency, the partner has to submit a copy of the proposal – in lead-agency formatting – to the non-lead agency (NSF or DFG) to input the necessary information and forms into the corresponding system. In a short accompanying letter, the applicants should inform the DFG and the NSF about the chosen lead agency.

For submissions where the DFG is selected as the lead agency:

Please follow the instructions for individual research grants and use the DFG template Project Description – Project Proposal (DFG form 53.01, see link below) to submit the proposal via the DFG's electronic proposal system (elan). Please select “NSF-DFG PHYS” from the list of calls. Please note that if you are using the elan system for the first time, you need to register prior to submitting your application with your complete personal details and address details via elan 5 days prior to the submission at the latest.

The proposal must include a description of the full proposed research programme and research team, and describe the total resources for the joint project (i.e. the funds requested for both the German and the US groups). However, the budget

submitted to each agency should only indicate the amount requested from that agency. For the DFG, this means the budget entered into elan should only be that of the German part.

A separate document, the Justification of Resources, should include a clear summary and justification of the funds requested from the NSF as well as a detailed breakdown of funding requested from the NSF. The latter document will be shared with the NSF to verify the allowability of funds requested.

The US investigators should be included in elan as Other Participating Individuals / Cooperation Partners. A Biographical Sketch for each of these individuals should be provided with a format that conforms to the DFG Guidelines for Preparing Publication Lists (DFG form 1.91; see link below).

In parallel to submitting the proposal to the DFG, the US partner is required to submit a copy of the proposal to the NSF. For submissions where the NSF is chosen as the lead agency, the description of the funding opportunity is described in a Dear Colleague Letter retrievable under the link below.

Applicants will be informed in writing of the results of the review and, where applicable, of the subsequent administrative steps according to the respective agency regulations.

Privacy and Data Protection

The agencies will share information about received proposals and the recommendations of the corresponding panels and boards. The NSF and the DFG are committed to maintaining data confidentiality, protection and privacy, and intend to fully abide by their own applicable laws and policies concerning the sharing of data in our collaborative activities. The NSF and the DFG will follow their own data retention policies once data is shared from one to the other.

Equity and Diversity

The DFG strongly welcomes proposals from researchers of all genders and sexual identities, from different ethnic, cultural, religious, ideological or social backgrounds, from different career stages, types of universities and research institutions, and with disabilities or chronic illness. With regard to the subject-specific focus of this call, the DFG encourages female researchers in particular to submit proposals.

Guidelines for Safeguarding Good Research Practice

Please note that according to a resolution of the DFG General Assembly, since 1 August 2019, DFG funding may only be awarded to institutions that have implemented the guidelines laid down in the Code of Conduct for Safeguarding Good Research Practice in their own regulations in a legally binding manner.

This means that also for international proposals funding from the DFG can only be received if the guidelines for ensuring good research practice (see link below) have been implemented by the institution of the German applicant. If you have any questions on this subject, please contact the Research Integrity team at the DFG Head Office (see contact below).

Further information: https://www.dfg.de/foerderung/info_wissenschaft/info_wissenschaft_23_50/index.html

DFG NORFACE - CHANSE, Enhancing well-being for the future, deadline: 21. September 2023 14:00 CET, 1. Step

The DFG, German Research Foundation is pleased to announce that NORFACE – New Opportunities for Research Funding Agency Cooperation in Europe – in cooperation with CHANSE – Collaboration of Humanities and Social Sciences in Europe – open a call for international research projects in the Social Sciences on the topic of “Enhancing well-being for the future”. The theme can be approached from a variety of perspectives and disciplines in the social sciences. It enables and encourages multi-disciplinarity and provides opportunities for pan-European research integrating researchers from different regions of Europe, and for comparisons across various contexts.

The present call proposes to focus the research on the following themes:

- Crises, challenges and well-being
- Environmental challenges and well-being
- Well-being and mental health
- Well-being, economy and politics

Information about the call:

Project team: Composed of at least four and a maximum of six principal investigators, i.e. partners, eligible to receive funding from four or more different countries participating in the call

Project duration: 24–36 months

Research Funding: up to a maximum amount of €1,500,000 (across all partners)

The Well-being call promotes diversity in research. When building research consortia, applicants are strongly encouraged to take into account the following aspects:

- Gender balance
- Academic age balance
- Geographical diversity
- Knowledge exchange and impact

Indicative timeline:

- Official call announcement and launch of the submission system: 26 May 2023
- Deadline for outline proposals: 21 September 2023, 14:00 CET
- Deadline for invited full proposals: 26 March 2024, 14:00 CET
- Call results: October/November 2024
- Earliest start of funded projects: End of 2024/beginning of 2025

Countries expected to participate in the call:

Austria, Belgium, Bulgaria, Croatia, Czechia, Estonia, France, Germany, Latvia, Lithuania, Luxembourg, Poland, Romania, Slovenia, Spain, Sweden, Switzerland, United Kingdom

The inclusion of Ukrainian researchers is encouraged. Applicants should review the guidance within the national eligibility annexes.

An online webinar will be hosted by the Call Secretariat on 16 June 2023, 10:00–12:00 CET, aiming to answer the questions related to the call.

Further Information:

http://www.dfg.de/en/research_funding/announcements_proposals/2023/info_wissenschaft_23_44

DFG NSF-DFG Lead Agency Opportunity on Collaborative Research on Climate Change (NSF-DFG GEO)

Recognising the importance of international collaborations in promoting scientific discoveries, the US National Science Foundation (NSF) and the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) have signed a Memorandum of Understanding (MoU) on research cooperation. The MoU provides for a Lead Agency arrangement whereby proposals may be submitted to either NSF or DFG. To facilitate the support of collaborative work between US researchers and their German counterparts, the Divisions of Geosciences at NSF and DFG are pleased to announce a Lead Agency activity on collaborative research on climate change. The Lead Agency scheme allows for reciprocal acceptance of peer review through unsolicited mechanisms, and its goal is to help reduce some of the current barriers to working internationally.

US-German collaborations are invited to submit joint proposals in the areas covered by NSF/GEO participating programmes (see NSF Dear Colleague Letter NSF 23-113) and the DFG's review boards (Fachkollegien) 313, 314, 315, 316, 317-01, and 318 of the DFG's subject classification. The proposals must focus on research on climate change and provide a clear rationale for the need for a US-German collaboration, including the unique expertise and synergy that the collaborating groups will bring to the project.

Proposals can be submitted on a continuous basis. However, please refer to NSF-GEO programmes for specific timing of deadlines.

Researchers will identify a prospective Lead Agency (either NSF or DFG) based on the country with the largest share of the budget. All proposals submitted to this opportunity, regardless of which agency is the lead, must be preceded by an Expression of Interest (EOI), sent to the NSF at least 60 calendar days prior to the date the applicants intend to submit a proposal. This EOI identifies the investigators and their institutions in both countries, provides a brief summary of the project and provides the estimated budget associated with contributions of PIs in each country. The NSF will share submitted EOIs with the DFG for their awareness. The NSF will inform the applicant who submitted the EOI on whether or not the proposed submission is invited to proceed under the Lead Agency process. The applicant will then share that decision with their collaborators. Applicants who are invited to submit a proposal will do so in accordance with the proposal preparation requirements of the agencies. If the NSF is lead, applicants must comply with the NSF GEO proposal submission requirements and submit a proposal through the NSF's Research.gov system (see link below) or Grants.gov (see link below). And if the DFG is lead, applicants must comply with the Proposal Preparation Instructions (DFG form 54.01) via the elan system (see links below).

The proposal should indicate that the proposal is to be considered under the Lead Agency Opportunity by prefacing the title with "NSF GEO-DFG:"

If the NSF is the Lead Agency, the proposal should only indicate the US expenses on the NSF budget form. If DFG is the Lead Agency, the proposal should only indicate the German expenses on the DFG's budget form. A copy of the proposed requested budget of the non-Lead Agency should be included as part of the proposal as a supplementary document. The Budget Justification section of the proposal should justify the full German and US project budgets, both of which must be clearly discussed and differentiated in the budget justification.

NSF-DFG GEO collaborative proposals will be reviewed alongside all other proposals received in the same funding round or call and will not undergo a separate or special review process.

Applicants will be informed in writing about the decision and, where applicable, about the subsequent administrative steps according to the respective national regulations.

Further Information:

https://www.dfg.de/foerderung/info_wissenschaft/ausschreibungen/info_wissenschaft_23_46/index.html

DFG Open Research Area for the Social Sciences – Pre-call Announcement

The partners of the Open Research Area (ORA) are pleased to announce that their eighth joint funding opportunity will be launched in June 2023, with a submission deadline set for November 2023. This pre-call announcement is being issued to allow interested researchers to begin discussions with potential research partners prior to the formal launch of the funding opportunity.

The ORA was created to strengthen international cooperation in social sciences by funding high-quality research projects. The Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) will support the participation of researchers based in Germany from all disciplines of the social sciences.

Four funding organisations will participate in this eighth ORA competition: the Agence nationale de la Recherche (ANR, France), the Deutsche Forschungsgemeinschaft (Germany), the Economic and Social Research Council (ESRC, United Kingdom), and the Social Sciences and Humanities Research Council (SSHRC, Canada). SSHRC will coordinate the eighth call for proposals.

The Japan Society for the Promotion of Science (JSPS) will again collaborate with the ORA as an associate partner. Applicants to the ORA call may seek partnerships with Japanese researchers. Researchers affiliated with Japanese research institutions will be required to submit their applications to the JSPS, which will organise a specific assessment.

Proposals will be accepted for research projects in any area of the social sciences. Proposals must involve researchers from at least three of the four main participating countries (Canada, France, Germany and the United Kingdom). Projects must involve integrated collaboration between partners from at least three countries. Stand-alone projects in different countries will not be admissible. Proposals are expected to make an original and significant contribution to scientific knowledge.

Proposals for this funding opportunity will be submitted through SSHRC's Convergence Portal. Researchers based in Germany are required to also submit their proposal through the DFG's elan portal. Detailed guidance on how to apply will be provided with the publication of the funding opportunity documents.

The upcoming ORA funding opportunity will follow a one-stage procedure consisting of a proposal.

The full funding opportunity announcement will be launched in June 2023 on the websites of the participating funding organisations. The closing date for proposals will be in November 2023. The application specification and relevant documentation, including the timetable, will be provided when the funding opportunity is officially launched. We will not be able to provide additional information prior to the publication.

Further Information:

https://www.dfg.de/foerderung/info_wissenschaft/ausschreibungen/info_wissenschaft_23_47/index.html

DFG TWAS-DFG Cooperation Visits Programme, Frist: 06. September 2023

Auf Grundlage der Vereinbarung mit The World Academy of Sciences for the Advancement of Science in Developing Countries (TWAS) macht die Deutsche Forschungsgemeinschaft (DFG) Wissenschaftlerinnen und Wissenschaftler an deutschen wissenschaftlichen Einrichtungen auf die Möglichkeit aufmerksam, promovierte Nachwuchswissenschaftlerinnen und -wissenschaftler

aller Fachrichtungen aus Ländern Subsahara-Afrikas zu einem dreimonatigen Forschungs- und Kooperationsaufenthalt an ihre Institution in Deutschland einzuladen.

Die DFG zahlt an die gastgebende Einrichtung eine monatliche Pauschale von 2350 Euro zur Deckung der Aufenthaltskosten des Gastes und seiner Visakosten. Zusätzlich werden die Flug- und Bahnkosten des Gastes für An- und Abreise bis zu einem Betrag von 1350 Euro erstattet. Die gastgebende Einrichtung kann monatlich bis zu 700 Euro Sachmittel für Projektausgaben des Instituts, beispielsweise für Material- und Laborkosten, erhalten.

Antragsvoraussetzungen aufseiten der Gastwissenschaftlerinnen und -wissenschaftler sind:

- Herkunft aus einem Land Subsahara-Afrikas
- Forschungstätigkeit an einer Universität oder Forschungseinrichtung in einem Land Subsahara-Afrikas
- Erlangung der Promotion nicht vor dem Jahr 2018. Gastwissenschaftlerinnen mit Kindern dürfen pro Kind zwei Jahre (insgesamt maximal sechs Jahre) früher die Promotion erlangt haben.
- Keine aktuelle Tätigkeit in Deutschland oder laufende Forschung mit dem Gastgeberinstitut
- Für die Wiederholung von Aufenthalten, vor allem mit dem Ziel der Ausarbeitung gemeinsamer Forschungsprojekte, steht das DFG-Förderinstrument Aufbau internationaler Kooperationen zur Verfügung (siehe Link unter „Weiterführende Informationen“)

Der Antrag ist bis zum 6. September 2023 durch die Gastwissenschaftlerinnen bzw. Gastwissenschaftler bei TWAS einzureichen. Teil des Antrags ist eine offizielle Einladung durch die Gastgeber, die das Forschungsthema der Kooperation benennt (kein Projektantrag) und Angaben zur Infrastruktur enthält, die dem Gast zur Verfügung gestellt wird.

Die Gastgeber werden gebeten, sich im Vorfeld der Einladung vom Potenzial einer wissenschaftlichen Kooperation mit dem Gast zu überzeugen. Im Bewilligungsfall sollten die gastgebenden Einrichtungen die Gastwissenschaftlerinnen und Gastwissenschaftler bei der Organisation des Aufenthalts, beispielsweise bei der Flugbuchung und Zimmersuche, unterstützen.

Die DFG begrüßt ausdrücklich Antragstellungen von Forschenden aller Geschlechter und sexueller Identitäten, mit verschiedenen ethnischen, kulturellen, religiösen, weltanschaulichen oder sozialen Hintergründen, verschiedener Karrierestufen, Hochschultypen und Forschungseinrichtungen sowie mit Behinderung oder chronischer Erkrankung.

Weitere Informationen:

https://www.dfg.de/foerderung/info_wissenschaft/ausschreibungen/info_wissenschaft_23_48/index.html

BMBF Materie - Materialforschung und Strukturbioogie mit Neutronen und Synchrotronstrahlung im Rahmen der deutsch-schwedischen Kooperation (Röntgen-Ångström-Cluster), Frist: 23. August 2023

Im Mittelpunkt der Förderung stehen Verbundprojekte inklusive längerfristigen Austausches von Wissenschaftlern, die gemeinsam von deutschen und schwedischen Forschungsgruppen in den Bereichen Strukturbioogie oder Materialwissenschaften mit Neutronen oder Synchrotronstrahlung durchgeführt werden und auf den angegebenen Verwendungszweck ausgerichtet sind.

Die binationalen Verbundprojekte müssen mindestens eine der unten genannten Photonen- bzw. Neutronenquellen als Großgerät einbeziehen.

Gegenstand der Förderung ist die Erarbeitung neuer Forschungstechniken und -methoden sowie der Ausbau der experimentellen Infrastruktur.

Idealerweise sind die Vorhaben eng mit der Ausbildung des wissenschaftlichen Nachwuchses und seiner Einbeziehung in die Forschung an Großgeräten verbunden. Der Einsatz von Nachwuchsgruppenleitern, Juniorprofessoren und Wissenschaftlern in vergleichbaren Karrierestufen als Projektleitung wird ausdrücklich begrüßt.

Die Abordnung von Postdoktoranden innerhalb eines RÅC-Verbundes an eine der unten aufgeführten Quellen des jeweils anderen Landes zur Intensivierung der bilateralen Zusammenarbeit im Einklang mit den übrigen Bereichen dieser Förderlinie wird sehr begrüßt.

Photonenquellen:

- BESSY II, Helmholtz-Zentrum für Materialien und Energie, Berlin
- FLASH, Deutsches Elektronen-Synchrotron DESY, Hamburg
- PETRA III, Deutsches Elektronen-Synchrotron DESY, Hamburg
- European XFEL, Schenefeld
- MAX IV Laboratory, Lund
- ESRF, Grenoble

Neutronenquellen:

- FRM II, Technische Universität München, Garching
- HFR, Institut Laue-Langevin, Grenoble
- ESS (im Bau), Lund

In besonders begründeten Fällen können auch Vorhaben an anderen Großgeräten gefördert werden, sofern diese im engen inhaltlichen Bezug zu einem Fördervorhaben an oben genannten Großgeräten stehen.

Ein wichtiger Aspekt dieser Fördermaßnahme liegt auf Vorhaben, die die frühzeitige Nutzung der ESS unterstützen, insbesondere durch die Vorbereitung erster Experimente und Probenumgebungen sowie die Entwicklung von Methoden und Analysesoftware. Ein weiteres Ziel ist die Stärkung der Vernetzung von Kollaborationspartnern für die Inbetriebnahme.

Die Bearbeitung wissenschaftlicher Fragestellungen, die von der Entwicklung neuer Instrumentierung bzw. Methoden losgelöst sind, sind nicht Gegenstand dieser Fördermaßnahme.

Der Routinebetrieb von Experimentiereinrichtungen und Standardausrüstungen im Umfeld der Quelle sind nicht förderfähig. Technologische und methodische Entwicklungsarbeiten, um das Potential der Großgeräte für Forschung im Bereich nachhaltige Entwicklung auszubauen, werden begrüßt. Daher ist ein konkreter Bezug zu mindestens einem der Nachhaltigkeitsziele der Agenda 2030 zusätzlich zu den Zielen „Industrie, Innovation und Infrastruktur“ (Ziel 9) oder „Hochwertige Bildung“ (Ziel 4) sehr wünschenswert.

Arbeitspakete in Zusammenarbeit mit Partnern aus der Wirtschaft können gefördert werden, wenn entweder der Transfer von Ideen und Erkenntnissen aus den geförderten Arbeiten in die Anwendung vorgesehen ist oder vorhandenes Know-how aus der Wirtschaft zu neuartigen Methoden und innovativen Technologien für die geplanten Arbeiten von Hochschulen für die „Erforschung von Materie“ an Großgeräten genutzt wird, so dass Innovationsketten durch frühzeitigen Austausch angestoßen werden. Beispiele für solche Zusammenarbeiten sind:

- Zusammenarbeit zwischen Hochschulen und Unternehmen der gewerblichen Wirtschaft (gegebenenfalls unter Beteiligung von außeruniversitären Forschungseinrichtungen) sowie
- Zusammenarbeit von Ausgründungen von Hochschulen mit den jeweiligen Mutterhochschulen.

Antragsberechtigt sind Hochschulen, außeruniversitäre Forschungseinrichtungen sowie Unternehmen der gewerblichen Wirtschaft.

Zum Zeitpunkt der Auszahlung einer gewährten Zuwendung wird das Vorhandensein einer Betriebsstätte oder Niederlassung (Unternehmen) beziehungsweise einer sonstigen Einrichtung, die der nichtwirtschaftlichen Tätigkeit des Zuwendungsempfängers dient (Hochschulen, außeruniversitäre Forschungseinrichtungen), in Deutschland verlangt.

Weitere Informationen:

<https://www.bmbf.de/bmbf/shareddocs/bekanntmachungen/de/2023/05/2023-05-22-Bekanntmachung-Materie.html>

BMBF Quantum International – Internationale Kooperationen in den Quantentechnologien, Frist: 15. November 2023, 1. Stufe

Die Förderung gliedert sich in die zwei Module A – „Technologie weiterentwickeln“ – und B – „Fachkräfte und Talente motivieren, weiter- und ausbilden“. Projekte können nur Modul A oder B adressieren. Die beiden Module bauen nicht aufeinander auf.

Modul A – Technologie weiterentwickeln:

Gefördert werden anwendungsorientierte, internationale Verbundprojekte in den Quantentechnologien, sofern nachweislich ein schnelleres oder effektiveres Vorankommen im Vergleich zu rein nationalen Projekten zu erwarten ist.

Forschungsthemen können beispielsweise sein:

- neue Methoden zur Quantenfehlerkorrektur
- Chipintegration optischer Komponenten, z. B. für das photonische Quantencomputing
- Plattformen und Materialien für die Quantensimulation
- Schnittstellen zwischen Quantencomputern und Kommunikationssystemen
- neue Architekturen und Programmierparadigmen für Quantenberechnungen, einschließlich hybrider Ansätze
- Mikro- und Nano-Quantensensoren

Diese Aufzählung ist nicht abschließend, sondern als beispielhaft zu verstehen.

Projekte, die sich ausschließlich mit Quantenkommunikation befassen, können durch das Forschungsrahmenprogramm der Bundesregierung zur IT-Sicherheit „Digital. Sicher. Souverän.“ gefördert werden.

Eine zentrale Mitwirkung von Unternehmen der gewerblichen Wirtschaft ist in Modul A Voraussetzung.

Modul B – Fachkräfte und Talente motivieren, weiter- und ausbilden:

Das Modul soll Projekte zur gezielten Kooperation zwischen unterschiedlichen Ausbildungs- und Weiterbildungssystemen in den Quantentechnologien fördern. Mögliche Themen sind beispielsweise:

- Entwicklung und pilotartige Umsetzung internationaler Studiengänge
- Entwicklung und Umsetzung internationaler Studierenden-Akademien/-Sommerschulen mit starkem Anwendungsbezug (beispielsweise ähnlich der Quantum Future Academy)
- Konzeptionierung und pilotartige Umsetzung neuartiger Maßnahmen und niederschwelliger Trainingskonzepte zur Aus- und Weiterbildung potenzieller Anwender der Quantentechnologien
- Konzeptionierung und pilotartige Umsetzung neuartiger Maßnahmen und niederschwelliger Konzepte zur ziel-gruppengerechten Motivation potenzieller Anwender der Quantentechnologien
- Einrichtung gezielter internationaler Austauschprogramme zwischen der Industrie und Forschungseinrichtungen bzw. Hochschulen, um den Transfer von Wissen und Anforderungen zu erleichtern (z. B. kollaborative Doktorandenprogramme, Sabbatical-Programme für den zeitlich befristeten Austausch von Beschäftigten aus der Industrie in die Forschung und vice versa)
- Konzeptionierung neuartiger und forschungsnaher Wahlfachinhalte unter der Berücksichtigung der Bedarfe industrieller Anwender

Diese Aufzählung ist nicht abschließend, sondern als beispielhaft zu verstehen.

Charakteristisch bei jedem dieser Formate sollte ein starker Anwendungsbezug sein.

Antragsberechtigt sind Unternehmen der gewerblichen Wirtschaft sowie Hochschulen und außeruniversitäre Forschungseinrichtungen. Zum Zeitpunkt der Auszahlung einer gewährten Zuwendung wird das Vorhandensein einer Betriebsstätte oder Niederlassung (Unternehmen) beziehungsweise einer sonstigen Einrichtung, die der nichtwirtschaftlichen Tätigkeit des Zuwendungsempfängers dient (Hochschulen, Forschungseinrichtungen), in Deutschland verlangt.

Das Antragsverfahren ist zweistufig angelegt.

Weitere Informationen:

<https://www.bmbf.de/bmbf/shareddocs/bekanntmachungen/de/2023/05/2023-05-19-Bekanntmachung-Quantentechnologien.html>

BMBF Die europäische Innovationsunion – Deutsche Impulse für den Europäischen Forschungsraum, Frist: 30. September 2023

Gefördert werden Maßnahmen zur Vorbereitung und Erstellung von Anträgen zu Ausschreibungen in den thematischen Clustern im zweiten Pfeiler von Horizont Europa. Ebenso soll die Entwicklung von Projektvorschlägen für Verbundprojekte innerhalb Europäischer Partnerschaften, die dem zweiten Pfeiler von Horizont Europa thematisch zuzuordnen sind, unterstützt werden.

Gefördert werden Einzelvorhaben für die Sondierung, den Auf- und Ausbau von themenspezifischen Konsortien und die Zusammenarbeit an der Entwicklung der Vorschläge für Forschungs- und Entwicklungsvorhaben, die durch den Antragsteller als geplantem Koordinator gesteuert werden.

Nicht gefördert werden Maßnahmen zur Vorbereitung eines Antrags für Koordinierungs- und Unterstützungsmaßnahmen (Coordination and Support Actions), Maßnahmen der Individualförderung und Preise.

Antragsberechtigt sind außeruniversitäre Forschungseinrichtungen, Hochschulen sowie andere Institutionen, die Forschungsbeiträge liefern, KMU, Kommunen und kommunale Unternehmen, die die Zweck- und Zweckvoraussetzungen erfüllen. Zum Zeitpunkt der Auszahlung einer gewährten Zuwendung wird das Vorhandensein einer Betriebsstätte oder Niederlassung (Unternehmen) bzw. einer sonstigen Einrichtung, die der Tätigkeit des –Zuwendungsempfängers dient (Hochschule, Forschungseinrichtung oder andere Institution, die Forschungsbeiträge liefern) in Deutschland verlangt.

Das Antragsverfahren ist einstufig angelegt.

Weitere Informationen:

https://www.bmbf.de/bmbf/shareddocs/bekanntmachungen/de/2021/04/3534_bekanntmachung

BMWK Deutsch-Chilenische Ausschreibung für gemeinsame Forschungs- und Entwicklungsprojekte kleiner und mittlerer Unternehmen, Frist: 15. August 2023

Die Ausschreibung lädt Partner dazu ein, gemeinsame Vorschläge für technologische FuE- Projekte bis zum 15. August 2023 im Einklang mit den Voraussetzungen und Verfahren der jeweils nationalen Förderprogrammen ("Crea y Valida – ZIM")

/ Chile) und (ZIM /Deutschland) einzureichen.

Die förderfähigen Projektteilnehmer aus Chile und Deutschland finanzieren ihre Kosten aus den vorgenannten nationalen Förderprogrammen ("Crea y Valida – ZIM" für chilenische Antragssteller und „ZIM“ für die deutschen Antragssteller) und ergänzend mit eigenen Mitteln. Bitte beachten Sie hierzu die nationalen Spezifikationen. Die Bereitstellung von Mitteln durch eine Fördereinrichtung bedeutet weder, dass auch Mittel der anderen Fördereinrichtung bereitgestellt werden, noch, dass die andere nationale Einrichtung an die Bereitstellung von Mitteln für die förderfähigen Projektteilnehmer gebunden ist.

Die zu erwartenden Projektergebnisse müssen zu marktwirksamen Innovationen (neue Produkte, Verfahren und/oder technische Dienstleistungen) führen, die sich am internationalen Stand der Technik orientieren. Die Projektanträge müssen folgenden Leitlinien entsprechen:

- Nennung aller Projektpartner
 - Zu den Partnern müssen mindestens ein chilenisches Unternehmen und ein deutsches mittelständisches Unternehmen gehören, die jeweils wesentliche inhaltliche Beiträge zu dem Projekt leisten. Chilenische Unternehmen müssen in Chile gegründet sein, deren Gründung nicht länger als 18 Monate zurückliegt (ab dem Datum, an dem die chilenische Steuerbehörde die Geschäftstätigkeit registriert) und einen Nachweis über den Umsatz in den letzten 18 Monaten erbringen (nicht unbedingt in allen Monaten).
 - Die Beteiligung von weiteren Unternehmen und Forschungseinrichtungen als weitere Projektpartner oder Unteraufnehmer entsprechend den nationalen Richtlinien der vorgenannten Förderprogramme ist möglich.
 - Es können auch Unternehmen und/oder Forschungseinrichtungen aus anderen Ländern teilnehmen. Die Teilnahme dieser Partner wird nicht durch die Programme "Crea y Valida – ZIM" oder das ZIM gefördert; sie sind mit in das Proposal Application Form aufzunehmen.
 - Das Projekt muss die Entwicklung neuer Produkte, Dienstleistungen oder technischer Verfahren für die industrielle Anwendung beinhalten, die sich an den internationalen Stand der Technik orientieren und zu einer Vermarktung auf dem heimischen und/oder globalen Markt führen.
 - Das Projekt soll einen ersichtlichen Mehrwert aufgrund der Kooperation der Teilnehmer beider Länder erzielen. (z. B. eine verbesserte Wissensgrundlage, Zugang zu FuE-Infrastrukturen, neue Anwendungsbereiche).
 - Die Laufzeit der Projekte soll zwei Jahre bzw. drei Jahre bei Projekten mit bestimmten Themen (z. B. biologische Kreislaufwirtschaft) nicht überschreiten.
 - Die Kooperation muss ausgewogen sein. Dies bedeutet, dass alle beteiligten Teilprojektpartner aus beiden Ländern einen signifikanten Forschungsanteil am Projekt haben müssen. In einem Projekt mit zwei Kooperationspartnern dürfen auf einen Partner nicht mehr als 70 % der Personenmonate entfallen und bei einem Projekt mit mehr als zwei Kooperationspartnern dürfen auf einen Partner nicht mehr als 50 % der Personenmonate entfallen. Zudem ist zu beachten, dass auf die am Projekt beteiligten Forschungseinrichtungen insgesamt nicht mehr als 50 % der Personenmonate aller Partner entfallen dürfen.
- Ab der Eröffnung der Ausschreibung am 6. Juni 2023 bis zum Stichtag am 15. August 2023 müssen alle Partner eines Projektes ein kurzes gemeinsames Übersichtsformular in englischer Sprache einreichen (Proposal Application Form), welches von allen Partnern rechtsgültig unterschrieben sein muss.

Weitere Informationen:

<https://www.zim.de/ZIM/Redaktion/DE/Artikel/International/chile.html>

BMWK Netzwerk IraSME, deadline: 27. September 2023

The purpose of this document is to provide interested parties with information on the 32nd IraSME call for R&D proposals. It is targeted at small and medium-sized enterprises (SMEs) and research and technology organisations (RTOs) which jointly conduct international research, technology, development and innovation (RTDI) projects.

The main objective of IraSME is to strengthen the competitive capacity of SMEs by:

- increasing collaboration between SMEs from different countries,
- increasing cooperation between SMEs and RTOs,
- increasing cooperative and competitive capabilities of SMEs by working in international R&D networks,
- supporting them in developing new products, processes or technical services that exceed the existing state of the art and have good market opportunities by lowering the economical risks.

IraSME is a follow-up initiative of a former ERA-NET by ministries and funding agencies and one of the few to con-

tinue its work even after EU-funding had expired. The network coordination is financed by the German Federal Ministry for Economic Affairs and Climate Action (BMWK) and carried out by AiF Projekt GmbH, a project management agency of BMWK, which is based in Berlin (Germany).

The following regions/countries are participating in the 32nd IraSME call: Brazil, Flanders (Belgium), Germany, Luxembourg, Türkiye, and Wallonia (Belgium). For more detailed information on IraSME member countries and regions. Applicants from participating countries/regions can be funded according to the rules of the respective regional/national funding programmes. Applicants from other countries/regions are welcome to participate as additional partners of a project consortium, but will have to secure the financial means for their part on their own and cannot be funded through any of the IraSME

member countries'/regions' support mechanisms.

Projects must be innovative and must aim at either developing new or significantly improving existing products, processes or technical services that in their parameters exceed the existing state of the art. All projects must have significant technical risks. The outcome of the project must be clearly defined and demonstrate real market potential. At least one of these three statements must apply: Without public funding, eligible projects can a) not be carried out at all, b) only be carried out

in a reduced form, or c) be carried out only with significant delay.

General Project Conditions:

- At least two SMEs from two different countries/regions (at least one SME in each country/region)
- Participation of RTOs is possible but not mandatory.
- Balanced participation of all partners in the project
- All participating SMEs need to share in the economic results of the project.
- Every participant has a defined role in the project (subproject) that a) contains research and development tasks with significant technical risks, b) is distinguishable from the other subprojects (no redundancy), and c) is necessary for the project success.
- At least 50% of the work packages in the whole project have to be carried out by companies.
- Only use person-months (PM) in order to specify work packages!
- The start date of the project should be approximately 6 months after the call deadline.
- Regional / national rules will prevail; see overview of funding schemes on the IraSME website for details.

Projects may take between 12 and 36 months to complete according to the applicable national rules. A project start date not earlier than six months after the call deadline is highly recommended in order to avoid rescheduling during the evaluation process.

Further Information:

<https://www.ira-sme.net/current-call/>

EKFS Klinikpartnerschaften: Förderlinie Global, Frist: 27. Juni 2023

Das GIZ-Förderprogramm Klinikpartnerschaften – Partner stärken Gesundheit fördert Kooperationen zwischen deutschen Kliniken, Universitäten, Hochschulen und Nichtregierungsorganisationen und solchen in Partnerländern. Klinikpartner*innen sind weltweit in allen medizinischen Fachbereichen aktiv. Das Förderprogramm wird von der Deutschen Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH durchgeführt. Es ist durch das Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (BMZ) beauftragt und finanziert sowie kofinanziert durch die Else Kröner-Fresenius-Stiftung (EKFS).

Das Förderprogramm zielt darauf ab, durch langfristig angelegte, nachhaltige Partnerschaften zur Stärkung von Gesundheitssystemen beizutragen. Die Partnerschaften zahlen ein auf die Ziele für Nachhaltige Entwicklung der Vereinten Nationen, speziell hier das Ziel Nr. 3 „Wohlergehen und Gesundheit für alle“ und das Ziel Nr. 17 „Aufbau und Nachhalten von Partnerschaften“. Klinikpartner*innen sind durch das Programm in zahlreiche fachliche und regionale Netzwerk- und Austauschformate eingebettet. Sie können dadurch ihre Kompetenzen zu Internationaler Zusammenarbeit und gemeinsamen Lernen vertiefen. Das GIZ-Team berät sie in den Feldern Projektmanagement, Kommunikation und Administration.

Die Förderlinie „Global“ richtet sich an deutsche Institutionen (Kliniken, Krankenhäuser, Vereine, Stiftungen etc.), die eine institutionalisierte Partnerschaft mit einer medizinischen Einrichtung in einem Land niedrigen oder mittleren Einkommens haben. Sie wird zweimal pro Jahr ausgeschrieben. Die Partner*innen führen Fort- und Weiterbildungen sowie gemeinsame

Trainings durch. Ziel ist es, dass Gesundheitsdienstleistungen dadurch weltweit verbessert werden und Menschen eine optimale medizinische Versorgung bekommen.

- Fördersumme: bis zu 50.000 € in Form eines Zuschussvertrages
- Förderzeitraum: 2 Jahre
- Ausschreibung: 2 Mal pro Jahr - jeweils im Frühjahr und im Herbst

Weitere Informationen:

<https://klinikpartnerschaften.de/>

HORIZON EUROPE Implementing co-funded action plans for connected regional innovation valleys, deadline: 17. October 2023 17:00 Brussels time

In line with the new European Innovation Agenda's flagship on accelerating and strengthening innovation in European Innovation Ecosystems across the EU and addressing the innovation divide, this action is intended to create connected regional innovation valleys across the European Union (EU), involving regions with lower innovation performances, by building on strategic areas of regional strength and specialisation (defined in their smart specialisation strategies), in support of key EU priorities. Successful applicant regions under this call topic will be recognised as "regional innovation valleys".

Projects results are expected to contribute to all of the following expected outcomes:

- Open, efficient, inclusive and interconnected innovation ecosystems across the EU in line with the New European Innovation Agenda, building on their diversities and complementarities, enhancing the joint definition of visions and strategies involving actors from across the quadruple helix, based notably on their respective national/regional smart specialisation strategies, and strengthening their efficiency and potential to innovate;
- Enhanced synergies, complementarities and cooperation among European innovation ecosystems around strategic areas, technologies and challenges of common European interest, build on Smart Specialisation Strategies and, where applicable, on the participation in the pilot Partnerships for Regional Innovation (PRIs)), the creation of common knowledge assets within regional innovation valleys, and support to their cross-border connectedness;
- Increased innovation capabilities, including in deep tech in Member States and Associated Countries, allowing innovators to bring their ideas to the market and enable innovations to be scaled up at EU level, and facilitating the link with the private sector and other research and innovator actors;
- Better links between innovation 'leaders' and 'strong' innovator regions with 'moderate' and 'emerging' innovator regions across the EU and Associated Countries;
- More innovation co-investments, mobilising other funding leverages, including European, national or regional public funds and/or other private funds, to complement Horizon Europe support;
- Increased participation of all innovation ecosystems actors across EU territories in technology and industrial value chains (existing and emerging ones) relevant to the EU twin green and digital transition to achieve broader sustainability and the EU's open strategic autonomy.

Target group(s): The topic is primarily focused on the regional aspects of innovation and targeted at national and/or regional innovation authorities. Other relevant entities should participate in the consortia as associated partners (such as research institutions, public authorities, universities, companies, clusters, innovation intermediaries, etc.).

The aim of this topic is to foster the creation of efficient, open, inclusive and interconnected European innovation ecosystems in line with the New European Innovation Agenda, notably in thematic/technological areas (including deep tech) that will be critical for EU value chains. It will also contribute to the twin green and digital transition and a resilient society, and to the net-zero objective, particularly in the areas of reducing reliance on the fossil fuels, increasing global food security, mastering the digital transformation (including cybersecurity), improving healthcare, and achieving circularity.

The topic will support strategically oriented long-term programmes of activities (action plans) to enable authorities in charge of public national, regional, or local innovation policies and programmes, with the participation of the private sector and research and innovation actors, to implement joint activities towards innovation development and deployment, aimed at tackling challenges at EU, national, regional, and local level.

The applicants are encouraged to consider a project duration of three to five (3-5) years and proposals should:

- Present the applicants' respective commitment to enhance the coordination and directionality of their research and innovation (R&I) investments and policies, their joint strategic visions, and their proposed joint innovation programme of activities; before the proposal submission the participants should have already selected a thematic/technological area and reached an agreement on what they want to achieve, in order to be able to present concrete action plans; the plans can be

further detailed on an annual basis during the implementation of the projects;

- Describe the activities necessary, the process that will be followed, and the research and innovation assets that will be mobilised; activities should be open, clear, realistic, impact-oriented and ensure:

- Inclusiveness and diversity by expanding their activities to territories that are less advanced in innovation deployment ('moderate' and 'emerging' innovators) and with the involvement of all innovation actors: research institutions, universities, companies, clusters, innovation intermediaries, as well as those that are currently less active or missing in the innovation ecosystems (e.g. investors, foundations, public and private buyers, social innovators, civil society organisations including non-governmental organisations, individual innovators, rural actors, as well as women-led start-ups and SMEs); each participating region is expected to mobilise all relevant actors of its innovation ecosystem to ensure their contribution to and benefit from the activities supported through the project;

- Participation of private actors, either for the joint implementation of proposed activities, and/or their possible co-funding; for example, via links and cooperation with innovative SMEs, start-ups, industry, private entities supporting innovation and innovators, including clusters, associations, as well as investors and foundations;

- Complementarity and synergies with other funds (EU, public, and/or private) and innovation-related strategies/policies/programmes/policies at national and/or regional level, including their smart specialisation strategies, and where relevant, the participation in pilot PRIs, start-up villages, as well as other relevant programmes (e.g. the European Institute of Innovation and Technology and the Knowledge and Innovation Communities (EIT KICs), Enterprise Europe Network, Startup Europe); applicants should outline the scope for synergies and/or additional funding, in particular where this makes the projects more ambitious or increases their impact and expected results.

- Explain the need and the reasons for selecting the proposed action plans that should be scalable at European level and demonstrate their strong EU added value; the proposed plan should:

- Include the provisions and modalities for the competitive selection and funding (joint open calls implemented via financial support to third parties - FSTP) of at least three interregional innovation projects in the selected thematic/technological area, including deep tech, linked to key EU priorities:

- These interregional projects are expected to be similar to HE Innovation Actions (TRL 6-8) and should focus on the development and/or deployment of technologies and innovations, including breakthrough and disruptive, through cooperation between research and innovation actors from the participating regions;

- Each of these interregional projects should aim to deliver concrete and tangible outcomes during the duration of the project, and ensure their dissemination and exploitation;

- These interregional projects should be managed in a coordinated manner, as a portfolio of projects, and should identify and establish links among the projects and with other relevant EU, national or regional projects in similar thematic/technological area (horizontal integration) or complementary areas (vertical integration) with a view to integrate into and contribute to existing or emerging value chains.

- Proposals should allocate at least 50% of the action plan's total budget to these interregional innovation projects.

- Include a consistent set of core collaborative activities, for example:

- Networking and coordination structures and tools to facilitate innovation development and access to and sharing of best practices, resources, talents, markets, expertise, services and knowledge, including open and collaborative knowledge bases and common knowledge assets (methods, data, processes);

- Support to interconnections between innovation hubs/local pockets of excellence; market analysis, development and activities towards better access to new markets and finance for innovative SMEs and start-ups;

- Training and skills development; interconnection of open innovation infrastructures; supportive activities towards scale up, exploitation and dissemination of innovative solutions;

- Joint public procurement initiatives;

- Social innovators' and civil society integration, as interlocutors for society and important inputs to the development of innovations and promotion of gender equality and diversity.

- Explain the reasons for selecting the proposed strategic areas of cooperation, and how this cooperation will improve the efficiency and performance of the EU's innovation ecosystems, fostering their interconnection and scale-up, and their contribution to key EU priorities; the joint innovation programme of activities should focus on a thematic/technological area, in line with the smart specialisation strategies of the participating regions, and should highlight how it will contribute to innovation priorities of common interest, EU strategic priorities (including green, digital and social transitions, and open strategic autonomy) and where appropriate Horizon Europe Missions; it should pay attention to gender equality objectives; it should clarify the potential for growth and competitiveness foreseen in the targeted sector and/or expected impact on EU challenge(s);

- Present and explain how the consortium plans to implement these joint activities (e.g. resources to be mobilised, assets to be used);

- Include clear targets in terms of outcomes for the measures/activities underpinned by verifiable indicators (applicants may wish to refer to the Sustainable Development Goals, the EU taxonomy on sustainable finance, or other relevant policy frameworks);
- Ensure their long-term commitment towards engaging in the joint cooperation activities set up in the frame of their projects (letter of intent per beneficiary as part of the proposal).

In order to comply with the idea of a joint Horizon Europe and Interregional Innovation Investments (I3) Instrument call provided in the New European Innovation Agenda, this call will be closely coordinated with relevant calls under I3.

Further Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2023-connect-03-01;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094502;programmePeriod=2023-2027;programCcm2Id=43108390;programDivisionCode=null;focusAreaCode=null;destinationGroup=null;missionGroup=null;geog>

HORIZON EUROPE Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration, deadline: 21. September 2023 17:00 Brussels time

Proposals are expected to contribute to all of the following expected outcomes:

- Support the coordination of marine and maritime research and innovation activities with Atlantic Ocean stakeholders, integrating the North and South Atlantic dimension, aligned with the priorities identified in the 2022 All-Atlantic Ocean Research and Innovation Alliance (AAORIA) Declaration, with the aim of facilitating knowledge exchange, structure its integration as well as stimulating all forms of innovation, in view of providing benefit to local communities;
- Consolidated integration of partners and newcomers to the All-Atlantic Ocean Research and Innovation Alliance and enhanced visibility to the activities through targeted communication actions and coordination of visual identity;
- Support to the governance, implementation and reporting of the All-Atlantic Ocean Research and Innovation Alliance;
- Forged links and coordination with other important EU and international activities such as the European Mission Restore Our Ocean and Waters by 2030, and in particular its Atlantic-Arctic Lighthouse, the Horizon Europe Partnership for a Sustainable Blue Economy, and organisations in charge of protection of the marine and coastal environment in the Atlantic, such as the OSPAR and Abidjan Conventions, in delivering coordinated activities in the Atlantic Sea Basin, while ensuring its interlinks with the adjacent polar areas;
- Foster active contribution from the All-Atlantic Ocean Research and Innovation Alliance to achieving the goals of the UN Decade of Ocean Science for Sustainable Development 2021-2030, the UN Decade on Ecosystem Restoration, the Convention on Biological Diversity, to Marine Biodiversity of Areas Beyond National Jurisdiction (BBNJ), as well as G7 and G20 related activities;
- Facilitated synergies in youth and gender programmes and capacity development for early career professionals; educational and inter-generational activities in favour of youth and communities living on the shores of the Atlantic Ocean.

The actions should aim at supporting a wider understanding of the opportunities and promoting a sustainable management of the Atlantic Ocean as a whole, through a large-scale basin effort involving both the northern and the southern parts of this ocean, and its interlinks with the adjacent polar areas. To achieve this, it will be necessary to bring together and systematically connect scientists, a wide range of public and private stakeholders, including civil society and youth, with data, knowledge, expertise, capacities, infrastructures and resources.

Building on the pre-existing cooperative efforts under the Galway and Belém Statements and the existing and future bilateral administrative arrangements between the EU and Atlantic partner countries, this cooperation can continue to converge towards the implementation of a systemic approach by linking and jointly tackling the climate-food-ocean challenges, including extreme events and sea level rise. Overall, activities should contribute to upscaling cooperation along and across the Atlantic Ocean, including the specific on-going and future activities and initiatives related to the Arctic and Antarctica. They should include upscaling of long-term partnerships building also on on-going initiatives such as the All-Atlantic Ocean Youth Ambassadors, joint actions, working groups, pledging platform, etc, for the benefit of the All-Atlantic local communities. This action is expected to bring research and innovation results for their benefit and to also empower for and link early career professional to all these activities.

The action should:

- Contribute with professional support to the organization, monitoring, communication, and outreach activities of the All-Atlantic Ocean Research and Innovation Alliance and Innovation work, in particular to the annual All-Atlantic Ocean Research and Innovation Alliance Forum, and any other major relevant events;

- Consolidate existing initiatives (All-Atlantic Ocean Youth Ambassadors, joint actions, working groups, etc.) building on the outcomes of the 2022 AAORIA Fora. Continue providing basic support for joint activities (in particular in their initial phase) in the priority areas identified in the 2022 All-Atlantic Ocean Research and Innovation Alliance Declaration, ensuring their long-term self-sustainability;
- Facilitate a structured dialogue and coordination between the All-Atlantic Ocean Research and Innovation Alliance and relevant national and regional stakeholders, such as the Benguela Current Commission, the Abidjan Convention, indigenous communities, as well as networks and initiatives operating in the polar seas;
- Link with relevant international bodies, supporting the All-Atlantic contributions to the UN Decade of Ocean Science, and facilitating dialogue and synergies with other EU instruments (e.g., Mission Restore our Ocean and Waters, Mission Adaptation to Climate Change, and the Sustainable Blue Economy Partnership) relevant for the All-Atlantic work, is part of the activities to be undertaken under this action.

Proposals should include a strong involvement of citizens/civil society, together with academia/research, industry/SMEs and government/public authorities.

In order to achieve the expected outcomes, international cooperation is mandatory. Consortia submitting proposals to this topic are encouraged to include in particular participants from countries endorsing the All-Atlantic Ocean Research and Innovation Alliance Declaration.

Further Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-cl6-2023-governance-02-1;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094502;programmePeriod=2021%202027;programCcm2Id=43108390;programDivisionCode=null;focusAreaCode=null;destinationGroup=null;missionGroup=null;geog>

HORIZON EUROPE MSCA Doctoral Networks 2023, deadline: 28. November 2023 17:00 Brussels time

Project results are expected to contribute to the following outcomes:

For supported doctoral candidates

- New research and transferable skills and competences, leading to improved employability and career prospects within and outside academia;
- New knowledge allowing the conversion of ideas into products and services, where relevant;
- Enhanced networking and communication capacities with scientific peers, as well as with the general public that will increase and broaden the research and innovation impact.

For participating organisations

- Improved quality, relevance and sustainability of doctoral training programmes and supervision arrangements;
- Enhanced cooperation and transfer of knowledge between sectors and disciplines;
- Increased integration of training and research activities between participating organisations;
- Boosted R&I capacity;
- Increased internationalisation and attractiveness;
- Regular feedback of research results into teaching and education at participating organisations.

MSCA Doctoral Networks will implement doctoral programmes, by partnerships of universities, research institutions and research infrastructures, businesses including SMEs, and other socio-economic actors from different countries across Europe and beyond. MSCA Doctoral Networks are indeed open to the participation of organisations from third countries, in view of fostering strategic international partnerships for the training and exchange of researchers.

These doctoral programmes will respond to well-identified needs in various R&I areas, expose the researchers to the academic and non-academic sectors, and offer training in research-related, as well as transferable skills and competences relevant for innovation and long-term employability (e.g. entrepreneurship, commercialisation of results, Intellectual Property Rights, communication). Proposals for doctoral networks can reflect existing or planned research partnerships among the participating organisations.

The selection procedure for doctoral candidates must be open, transparent and merit-based, in line with the Code of Conduct for the Recruitment of Researchers. The vacancy notice (to be widely advertised internationally, including on the EURAXESS website) must mention if the published rates include all employer and employee's taxes and contributions. If possible, the gross salary (net salary + employee's taxes and contributions) should be published.

MSCA Doctoral Networks are encouraged to lead to Industrial or Joint Doctorates.

Industrial Doctorates

Through Industrial Doctorates, doctoral candidates will step outside academia and develop skills in industry and business by being jointly supervised by academic and non-academic organisations, both of which can be established in the same EU Member State or Horizon Europe Associated Country.

Joint Doctorates

Joint Doctorates represent a highly integrated type of international, inter-sectoral and multi/interdisciplinary collaboration in doctoral training. They lead to the delivery of joint, double or multiple doctoral degrees recognised in at least two EU Member States or Horizon Europe Associated Countries.

Supervisory Board

Each MSCA Doctoral Network should have a clearly identified supervisory board co-ordinating network-wide training, research and in particular supervision activities in line with the Guidelines for MSCA supervision, while establishing continuous communication and exchange of best practice among the participating organisations to maximise the benefits of the partnership.

Training activities

MSCA Doctoral Networks should exploit complementarities between participating organisations and foster sharing of knowledge and networking activities for example through the organisation of workshops and conferences. Proposed training activities should respond to well identified needs in various R&I areas, with appropriate references to inter- and multidisciplinary fields and follow the EU Principles for Innovative Doctoral Training. They should be primarily focused on developing new scientific knowledge through original research on personalised projects.

Inter-sectoral secondments of researchers to other participating organisations, including in third countries, are encouraged when relevant, feasible and beneficial for the researchers and in line with the project objectives. This will increase the employability of the researchers outside academia.

Doctoral Networks should develop substantial training modules, including digital ones, addressing key transferable skills and competences common to all fields and fostering the culture of Open Science, innovation and entrepreneurship as well as good scientific conduct such as research integrity. In particular, Doctoral Networks should adequately prepare doctoral candidates for increased research collaboration and information-sharing made possible by new (digital) technologies (e.g. collaborative tools, opening access to publications and to other research outputs including data, FAIR data management, societal engagement and citizen science, etc.).

Supervision

Particular attention is paid to the quality of supervision and mentoring arrangements as well as career guidance. Joint supervision of the researchers is mandatory for Industrial and Joint Doctorates.

Career Development Plan

A Career Development Plan must be established jointly by the supervisor and each recruited doctoral candidate. In case of joint supervision, such a plan should be established involving all supervisors. In addition to research objectives, this plan comprises the researcher's training and career needs, including training on transferable skills, teaching, planning for publications and participation in conferences and events aiming at opening science and research to citizens. The plan, established at the beginning of the recruitment, should be revised (and updated where needed) within 18 months.

Further Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-msca-2023-dn-01-01;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094502;programmePeriod=2021%202027;programCcm2Id=43108390;programDivisionCode=null;focusAreaCode=null;destinationGroup=null;missionGroup=null;geog>

HORIZON EUROPE Support to test EIC innovations for public and private procurers, deadline: 07. November 2023 17:00 Brussels time

Finding first customers is one of the main barriers that is hampering access to market and commercialisation of innovative solutions developed by innovative SMEs. Public sector buyers that hold a significant purchasing power can help increase the uptake of innovations in Europe by acting as early adopters, helping to validate innovative solutions all while innovating their service offer through breakthrough technologies. Procuring innovation is characterised by an inherent risk, both for the procurers who lack quality assurance of newly developed solutions, and for the innovators who need to invest scarce resources in the necessary customisation and pilot testing. To decrease these risks and to increase the use of innovation procurement in Europe, this action aims to support the pilot testing or proof-of-concept demonstration of EIC supported innovations for potential public and private procurement customers.

The winner of this call (hereafter 'project beneficiary') can be a single legal entity or a consortium of legal entities. The project beneficiary will receive funding to, in turn, allocate grants to EIC Awardees selected through open, competitive calls managed by the project beneficiary to test innovative solutions developed by EIC Awardees in the services or premises of committed buyers that are aiming at procuring innovation. Buyers include contracting authorities as defined under the EU Public Procurement Directives (public buyers) as well as private entities that engage in purchase contracts (private buyers). The maximum size of the grants allocated to EIC Awardees by the project beneficiary using the budget contribution from this action is EUR 60000. The buyers do not receive any financial contribution but are required to provide at least in-kind commitments as needed for the innovation to be properly tested and assessed (including access to infrastructures and facilities, data, personnel, etc.). The in-kind commitment of the buyer (s) must also include the preparation of a validation report (with references to the innovation itself but also to the innovator) which can be used by the EIC awardee and made available to other interested procurement bodies or relevant stakeholders.

This action has two main objectives:

- to enable selected EIC Awardees to prove the concept or test, through structured pilots, their innovative solutions in the services or premises of interested buyers that are aiming at procuring innovation;

- to increase the purchase of innovative solutions from public and private procurers or buyers across Europe.

Synergies with networks, associations etc. of public and private buyers at European, national and regional levels, as well as synergies with EU Programmes and initiatives (e.g. the Climate Neutral and Smart Cities Horizon Europe Mission) should be sought. In addition, synergies with other relevant activities within the EIC (including but not limited to corporates) should be ensured.

The project beneficiary must allocate the grants to EIC Awardees following a competitive, transparent and fair procedure based on equal treatment and non-conflict of interest.

Two types of calls should be implemented:

- Calls without any predefined thematic area where an EIC Awardee must apply with the clear commitment of a pre-identified buyer.

- Calls with predefined challenges where the EIC Awardee must apply with a solution to the predefined challenge(s). In this case, the project beneficiary must organise an expression of interest exercise prior to the call, to identify challenges which have the commitment of at least four separate and independent buyers. The EIC Awardees selected through the call will then be matched with the pre committed buyers to implement the testing of the innovation.

The selection of the EIC Awardees as well as the management of the financial support to third parties should be ensured by the project beneficiary exclusively. The applicants must have previous experience in the activities envisaged by the scope of this action, and in particular, in addressing the needs of procurers as well as in the managing and monitoring of proofs-of-concept and pilot tests. The project beneficiary will select and support EIC Awardees through grants between 20 000 and 60 000 EUR. The actual size of these grants will depend on the complexity of the pilot or the proof-of-concept.

For each individual grant, the commitment of buyers to test a solution will be a precondition for EIC Awardees to receive the funding. The project beneficiary must allocate at least 75% of the total proposed budget to financial support to third parties (the EIC Awardees). The project beneficiary will ensure that at least 40% of the committed buyers are public buyers. Applicants must propose a methodology for the selection of the participating EIC Awardees, for ensuring the participation of committed public or private buyers in the program (e.g. through MoUs etc.), for the finding of buyers with identified challenges that are committed to take part, and for the follow up and monitoring of financed pilot tests, including impact monitoring. Applicants must put in place proper communication and publicity of the action. The selection of the EIC Awardees must be done through open calls following a competitive, transparent and fair procedure that will be based on equal treatment and non-conflict of interest.

A duration of up to 2 - 3 years would enable the project to achieve the desired objectives

Type of action: Coordination and Support Action (CSA). This action will be evaluated partially by representatives of Union institutions or bodies, according to Article 29 paragraph 1 of Horizon Europe Regulation.

Number of projects expected to be funded: 1

Deadline for applications: 7 November 2023 at 17h00 Brussels local time

Indicative budget: The Commission considers that proposals requesting a contribution from the EU in the order of EUR 3 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts if duly justified. For general award criteria see Annex 2 of the respective WP 2023.

Expected Impact:

This action should:

- increase business opportunities for EIC Awardees by supporting them to prove the concept or pilot test their innovative solutions in the services of public or private buyers.

- result in innovative solutions tested in the services or environments of potential buyers.
- increase the uptake of innovative solutions by public and private buyers through the use of innovation procurement.
- enable the scaling up of EIC companies through the creation of business opportunities with public and private buyers.
- improve the products and services offered by public and private buyers in Europe through the uptake of innovations of the EIC Awardees.

Further Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-eic-2023-innovpro-01-01;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094502;programmePeriod=2021-2027;programCcm2Id=43108390;programDivisionCode=null;focusAreaCode=null;destinationGroup=null;missionGroup=null;geog>

HORIZON EUROPE Culture and Creativity Business Plan 2024-2025, deadline: 28. September 2023 17:00 Brussels time

The results of Business Plan 2024-2025 should contribute to the expected outcomes set out in the EIT Culture & Creativity Strategic Agenda 2024-2027 over the medium term, and to the wider expected impacts and respective targets over the longer term.

Objective:

- Relevant and appropriate EIT Culture & Creativity Business Plan for 2024-2025 implementation of the KIC's multiannual strategy, demonstrating its excellence (including objectives and ambition; methodology; financial sustainability), its impact (including KIC's pathways towards impact; measures to maximise impact - dissemination, exploitation and communication) and its quality and efficiency of the implementation (including work plan and resources at portfolio level; capacity of participants and KIC Partnership as a whole).
- To address EIT Culture & Creativity's target societal challenges and Knowledge Triangle Integration (KTI), contributing to achieving the future high-level results and impacts included in the EIT Impact Framework.
- KIC objectives/priorities in the Business Plan, describing its objectives using SMART criteria (specific, measurable, attainable, relevant and time-bound) and why are they pertinent to the KIC Strategic Agenda.

The KIC Business Plan 2024-2025, describing the activities at portfolio level, shall be aligned to the EIT Culture & Creativity Strategic Agenda in the framework of the EIT Strategic Agenda 2021-2027.

Expected Impact:

In response to this topic, EIT Culture & Creativity should show how the KIC could contribute to the outcomes and impacts described in the KIC Strategic Agenda and the KPIs in the EIT Impact Framework following the specific EIT Culture & Creativity's Impact Pathways, the likely scale and significance of this contribution, and the measures to maximise these impacts in the context of Horizon Europe. Each activity in education, innovation, business creation and EIT RIS included in the Business Plan should contribute to at least one core EIT KPI.

Further Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-eit-2024-2025-kic-ccsi;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094502;programmePeriod=2021-2027;programCcm2Id=43108390;programDivisionCode=null;focusAreaCode=null;destinationGroup=null;missionGroup=null;geog>

HORIZON EUROPE Stimulating Experimentation Practices, deadline: 21. September 2023 17:00 Brussels time

Project results are expected to contribute to all of the following expected outcomes:

- Increase knowledge on experimentation frameworks for testing innovations;
- Provide services for testing innovative solutions leading to technology upscaling, reducing cost, accelerating time to the market, and reducing investment risks;
- Enhance knowledge sharing and development of best practices between stakeholders that have been actively engaged in testing and experimentation processes;
- Facilitate the deployment and potential commercialisation of new innovative solutions;
- Identify areas where the multi-sectoral and/or emerging nature of some innovations requires coordinated action by innovators and regulators;

- Identify legal, regulatory, fiscal, technical, and operational pre-requisites or barriers for different use-cases which hamper the development of innovation;

- Explore areas where the European supervisory authority exists, and pan-European testing might be desirable.

Target group(s): Innovators, research and technological organisations, national and regional authorities, European Institute of Innovation and Technology Knowledge and Innovation Communities (EIT KICs), Small and Medium-sized Enterprises (SMEs), start-ups, regulators and other government bodies, non-government organisations (NGOs), and other civil society organisations.

Regulation creates the essential conditions that enable innovation to thrive, providing a general framework for finance and funding, intellectual property rights, rules for competition, and consumer protection. However, sometimes regulation lags behind technological developments, leading to situations where disruptive technologies could potentially render regulations obsolete, or be perceived as a barrier that hampers the deployment of emerging technologies.

Due to this complex relationship between regulation and innovation, which varies on a case-by-case basis, it is important to ensure that disruptive innovations are tested in close cooperation not only with regulatory actors, but also end-users themselves. This would allow innovators to receive societal feedback before potential mass deployment, and regulators to create a flexible framework that takes into account the evolving nature of disruptive technologies.

In line with the New European Innovation Agenda, it is acknowledged that framework conditions, including regulations, can drive or thwart the development and uptake of innovative new products and processes. To that extent, regulatory frameworks that facilitate experimentation by innovators and enable learning and adaptation by regulators appear to be essential in order to nurture breakthrough innovations. Moreover, it would be substantial to gain knowledge from distinct approaches taken forward across European Union (EU) Member States in order to clarify options at the disposal of innovators and regulators to facilitate such experimentation.

Applicants should identify an area where innovative technologies emerge, justifying why experimentation in this area is essential to facilitate the development of a specific technology or innovative solution. Moreover, the applicants should closely cooperate with innovators who have identified fields where the deployment of innovation is hampered. Specifically, proposals should attempt to identify areas where innovative ideas need to be tested in a physical or virtual environment in order to be trialled in real- or near-real world conditions to assess their market viability and where:

- Innovative ideas are under development but are hampered by existing regulations; or
- Innovative ideas are under development in areas which remain unregulated.

This action is expected to support policy makers in their aim to enable, promote and support transformative innovation by utilising the different experimentation frameworks/spaces (such as regulatory sandboxes, living labs, and test beds), and recognise what could be implemented or not.

After the identification of the area and technology for experimentation, each proposal should put forward an action plan aiming to set up an experimentation space to examine the potential of a particular innovative solution. This could be possibly linked to relevant smart specialisation strategies. The action plan will also articulate which experimentation framework is considered the most appropriate to address the possible challenges in relation to the identified technology.

As a final step, each consortium will set up the experimentation space proposed in the action plan. The development of the experimentation space would lead to the identification of potential legal, regulatory, fiscal, technical and operational pre-requisites or barriers helping policy makers to foster further innovation.

The proposals should focus on the following activities:

- The identification of areas and the presentation of concrete topics where experimentation could facilitate the deployment of disruptive technologies by establishing a regulatory sandbox, living lab or, test bed;
- Awareness-raising and enhanced knowledge on the existing experimentation frameworks for testing innovation;
- Identify and scale up best practice examples of regulatory sandboxes, living labs, and test beds;
- Interconnect innovators with organisations that set up and promote experimentation activities;
- An action plan which will elaborate on how to implement a regulatory sandbox or living lab or test bed in order to examine the potential of an emerging technology;
- Creation or utilisation of networking and coordination structures and tools to facilitate innovation development and access to and sharing of best practices, resources, talents, markets, expertise, services and knowledge, including open and collaborative knowledge bases and common knowledge assets (methods, data, processes);
- Establishment of an experimentation space or cooperation with existing services in the identified priority area which will provide a technology assessment base line for future developments of the technology being tested;
- Clarify the usage of existing and the assignment of newly created intellectual property rights.

Proposals may build on or seek collaboration with existing projects of EIT KICs in the area of innovation testing such as those related to demonstrators/test beds/living labs or other EIT KICs real-life experimentation environment activities.

Further Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2023-connect-02-01;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094502;programmePeriod=2020%202027;programCcm2Id=43108390;programDivisionCode=null;focusAreaCode=null;destinationGroup=null;missionGroup=null;geog>

HORIZON EUROPE Specialist Advisory Services to build capacities on innovation procurement, deadline: 21. September 2023 17:00 Brussels time

Project results are expected to contribute to all of the following expected outcomes:

- Promote opportunities that innovation procurement opens for public procurers;
- Enhance public buyers' familiarity with innovation procurement processes which could lead to the establishment of long-term and sustainable innovation procurement strategies;
- Further engagement of the public procurers' communities with Small and Medium-sized Enterprises (SMEs), start-ups, incubators, accelerators, and research institutions in driving innovation demand and detecting innovative solutions;
- Contribute to a cultural change in public buyers' perception for adopting risk-averse innovative solutions;
- Stimulate SME's response to public buyers' needs and challenges aiming at decreasing potential uncertainties;
- Improve the procurers' capacity to communicate their needs and identify innovative suppliers who could effectively address them;
- Deploy public and private partners' collaboration in co-design processes to match their needs and identify existing technologies that could result in procurement of innovation.

Target group(s): Public and private procurers, state-owned enterprises, SMEs and start-ups, research and technological organisations, innovation agencies and other public bodies responsible for promoting innovation procurement, the European Institute of Innovation and Technology (EIT) and Knowledge and Innovation Communities (KICs).

Despite the legal reforms and incentives in the area of public procurement of innovative solutions, this field is still characterised by a risk-adverse approach. In some Member States and Associated countries, the use of innovation procurement is slowly gaining pace, but other administrations still resist the use of a more innovation-attuned approach, which recognises that there might be different possible solutions to problems, rather than just the incumbent technology or process. The strategic potential of innovation procurement is immense, especially in supporting technological development in and by the public sector. Companies, and particularly SMEs and mid-caps, may depend on sales to the public sector or just consider this opportunity can be motivating to innovate and adopt new technologies through public demand.

This action will support innovation procurement specialist advisory services that will act as the intermediary between public procurers and innovative suppliers, bridging those gaps that hamper the progress in the integration of innovative solutions in the public sector. With these innovation procurement specialist advisory services, it is expected to overcome the fragmentation and dispersion of public procurement across the EU, enhancing the coordination on procuring innovative solutions within Member States and Associated Countries.

The innovation procurement specialist advisory services are expected to have several main competencies which will help them achieve their goals:

- Specialised knowledge on one or more market sector(s) and increased awareness of the national, regional, or local innovative start-ups and SMEs which are active in their sector(s) of specialisation;
- Strong awareness of market opportunities that exist in their sectors of expertise, namely relevant competitions and calls which are open or planned at national, regional, and local levels;
- Good understanding of both what public procurers demand, but also what innovative suppliers could provide;
- Good technical background on their sectors, being in the position to assess the technical solutions proposed and the potential implications which could emerge from the implementation of an innovative solution. This way, the innovation procurement specialist advisory services should be able to explain to the public buyers the function of the proposed innovative solutions and clarify technical aspects which could negatively affect their risk perception;
- Thorough knowledge of relevant procurement procedures. Consequently, the advisory services should be able to provide clarity in the legal framework for both public buyers and suppliers and eliminate uncertainties that could emerge;
- Strong knowledge of and good connections to innovative SMEs and the start-up environment, including the European Innovation Council (EIC) and the EIT, as well as other EU and national networks (European Enterprise Network, Startup Europe, etc.).

The innovation procurement specialist advisory services are expected to facilitate the essential change of culture of public procurers regarding the adoption of innovative solutions by diminishing their resistance to change and risk-averse perceptions.

To that extent, it is expected to reverse the slow uptake of innovation procurement practices for buying innovative solutions over traditional ones, and to spur the underpinning research and innovation activities by SMEs, start-ups, and industry providers enabling innovation (research and development) services and outcomes of innovation process to enter the market. The innovation procurement specialist advisory services are expected to strengthen the interaction of public procurers with small innovative companies by providing practical knowledge and eliminating the perception that procurement is limited to a legal and administrative process.

The specialist advisory services participating in this process should also set up new expert networks by sharing best practices among them, regardless of where an initiative took place. To that extent, besides the increase of knowledge and awareness, there is good potential for creating synergies. The proposals should focus on the following activities:

- Awareness-raising and enhanced knowledge on innovation procurement legal frameworks for public procurers and evaluators of innovative procurement;
- Enhanced innovation knowledge and skills in procurers, raising awareness about co-design processes between SMEs and procurers (public and private) that may help to discover the most up-to-date innovative technological solutions, and assist in their development and further acquisition;
- Scale up examples of best practice on the definition of needs and design of procedures and long-term strategies in the field of innovation procurement;
- Create more structured cooperation between the ecosystems of procurers and financial investors for innovation procurements.

Further Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-eie-2023-connect-02-02;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094502;programmePeriod=2020%202027;programCcm2Id=43108390;programDivisionCode=null;focusAreaCode=null;destinationGroup=null;missionGroup=null;geog>

HORIZON EUROPE Implementing digital services to empower neuroscience research for health and brain inspired technology via EBRAINS, deadline: 07. September 2023 17:00 Brussels time

Project results are expected to contribute to all the following outcomes:

- integrated multi-disciplinary collaborative tools and services widely serving the European neuroscientific community, providing them with FAIR data indexing and archival, multilevel data mining and modelling/simulation of brain functions, and empowering workflows for reproducible research;
- a rich collection of multilevel human brain models, atlases and workflows, directly supporting the research and development for personalised brain medical treatments e.g. target binding drugs, precise neuro-stimulation positioning and guided surgery, regarding brain diseases such as epilepsy, Parkinson, consciousness disorders, or rare or multi-factor diseases;
- a comprehensive set of cognitive brain model scaffolds and associated modular / large-size neuromorphic and neurobotic facilities for assisting the design and validation of applicative cognitive technologies benefitting from neurosciences latest knowledge, as enablers for autonomous and adaptive robotics approaches that use fast sensory processing and decision-making capabilities;
- supplementary population of EBRAINS facilities with multidisciplinary services/applications that answer well-identified new neuroscience related S&T needs, in correlation with national and European research priorities for neuroscience, brain medicine and cognitive-technologies;
- integration of EBRAINS with EOSC and linkage with common European data spaces in the life science and health sector;
- better-aligned national investments in neuroscience across Europe, building on the Member States' and Associated Countries' specialised competence centres, which in turn will help creating additional synergies and enabling further research activities around the EBRAINS services.

Building on the EBRAINS architecture and base facilities developed under Horizon 2020, the scope of this action is to:

1. To implement a user-friendly service infrastructure along the principles of Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) to widely serve the research communities in neurosciences, brain medicine and brain-inspired cognitive technologies. This includes the following dimensions:

- Enabling the EBRAINS research infrastructure digital facilities supporting neuroscience dedicated tools and services, with a high quality of service including robustness, security, scalability, flexibility, usability and user-centricity. This includes a sustainable system for allocation and management of data capacities and of simulation and computing service resources.
- Establishing in-depth collaboration with teams from other European research and testing infrastructures and of EOSC, in

order to ensure efficiency and harmonisation, e.g. regarding Authorisation, Authentication and Identification (AAI), Persistent Identifiers (PID), discovery ontologies and API for both services and data.

- Directly interfacing with the European HPC capacities towards exascale, deployed in EuroHPC and capitalising on the FENIX[1]developments for big-data integration and interactive use.

- Delivering an efficient Europe-wide service to researchers, based on promoting excellence and innovation, and supporting users' digital experiments with the assistance of high-level support teams and feedback mechanisms, and guiding communities in developing novel software solutions that build on the EBRAINS base offering.

- Deploying an open metrics framework to assess the EBRAINS performances reached, the efficiency of the facilities offered in particular regarding the human-based services, and the uptake especially regarding the enabled science excellence and related results and the medical and technological innovation empowerment.

2. To develop, integrate in EBRAINS, and operate:

- Constantly improving open science services/applications that respond to up-to-date and upcoming identified needs of the neuroscientific community, with a co-design approach and in-depth engagement with scientific, medical and industrial stakeholders and the establishment of an appropriate and transparent prioritisation mechanism. This includes ensuring openness to other research groups and new applications; reaching out to scientific and industrial communities, including with tailored training and skills development programmes.

- The deployment of complementary S&T services from regional or national competence nodes, supporting and enriching the cloud-based deliveries and facilitating the sharing of produced data and use of national resources.

In addition to the above, EBRAINS should open its approaches to other communities, going beyond neuroscience, for example by supporting compute-intensive simulation to identify candidate drugs addressing new disease targets in other explicit medical domains where this approach is justified.

The financial support to third parties mechanism (see specific call conditions) can be used to design and develop new services (under item 2) and/or to facilitate the co-design approaches and/or the targeted involvement of broader stakeholders, user communities and competence nodes.

Further Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-infra-2022-serv-b-01-01;callCode=null;freeTextSearchKeyword=;matchWholeText=true;typeCodes=1,0;statusCodes=31094502;programmePeriod=20202027;programCcm2Id=43108390;programDivisionCode=null;focusAreaCode=null;destinationGroup=null;missionGroup=null;geog>

Sonstige Contact Research Funding Advice of the Otto von Guericke University Magdeburg

For questions about funding opportunities, specific calls for proposals, help with submitting applications and project support, please contact the department for Research Funding Advice/EU-University Network of Otto von Guericke University Magdeburg.

Information on current events, funding structures and contact online at:

<https://www.ovgu.de/en/ContactResearchFundingAdvice>

<https://www.euhochschulnetz-sachsen-anhalt.de/en/>