Call 2022 for Research Proposals

Supporting the topics of

Security and Privacy in Decentralised
and Distributed Systems

And

Machine Learning-based Communication Systems,
towards Wireless AI

Deadline:	**2 February 2023, 17:00 CET**
Documents and procedures:	http://www.chistera.eu
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Indicative budget:	Approx. 12 M€

Funding Organisations supporting this CHIST-ERA Call's research projects:

**CHIST-ERA supports European coordinated research on long-term ICT
and ICT-based scientific challenges**

CHIST-ERA is supported by the Pathfinder programme of the European Innovation Council

Key Facts & Figures

CHIST-ERA

CHIST-ERA is a consortium of research funding organisations in Europe and beyond supporting use-inspired basic research in Information and Communication Technologies (ICT) or at the interface between ICT and other domains. The CHIST-ERA consortium is itself supported by Horizon 2020 and is part of the European Innovation Council's Pathfinder programme. CHIST-ERA promotes novel and multidisciplinary research with the potential to lead to significant technology breakthroughs in the long term. The funding organisations jointly support high risk and high impact research projects selected in the framework of CHIST-ERA, in order to reinforce European capabilities in promising new or emerging ICT or ICT related research topics.

Content of the Call

Topics:	Security and Privacy in Decentralised and Distributed Systems (SPiDDS)
	Machine Learning-based Communication Systems, towards Wireless AI (WAI)
Indicative budget:	Approx. 12 M€
International consortium:	The project consortia must have a minimum of 3 eligible and independent partners requesting funding from at least 3 of the following countries:
	Austria, Belgium, Brazil, Bulgaria, Croatia, Czech Republic, Estonia, Finland, France, Ireland, Israel, Latvia, Lithuania, Luxembourg, Poland, Romania, Slovakia, Spain, Switzerland, Taiwan, Türkiye, United Kingdom
Standard consortium size:	Three to six partners
Evaluation:	Proposals are evaluated based on criteria of a) Relevance to the topic, b) Scientific and technological quality, c) Impact and d) Implementation
Funding:	Each partner is funded separately by the national/regional funding organisation they are applying to. They must fulfil the conditions of their funding organisation, as described in the annex

Tentative Timeline

2 February 2023, 17:00 CET	Deadline for proposal submission
July 2023	Notification of accepted proposals
October 2023	Tentative start date for accepted projects

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Research Targeted in the Call

The CHIST-ERA (www.chistera.eu) consortium has created a common funding instrument to support European research projects that engage in long-term research in ICT and ICT-based sciences. Through this instrument, the national/regional funding organisations of CHIST-ERA support and join the Horizon Europe EIC Pathfinder agenda. By launching joint European calls, they can support more diverse research communities, who are able to tackle the most challenging and novel research topics.

Each year, CHIST-ERA launches a call for research projects in two new topics of emergent scientific importance for ICT and ICT based domains.

In previous years, CHIST-ERA calls have targeted quantum computing, consciousness, knowledge extraction, low-power computing, intelligent user interfaces, smart communication networks, adaptive machines, distributed computing, trustworthy cyber-physical systems, human language understanding, security and privacy in the IoT, terahertz communication, lifelong learning for intelligent systems, visual analytics, object recognition and manipulation by robots, big data for smart industry, analogue computing for AI and smart computing in networks, explainable AI, ICT for environmental sustainability, brain computer interfaces and sustainable ICT, NOEMS for ICT and misbehaviour detection in online social networks.

This year's call concerns the following topics:

1. **Security and Privacy in Decentralised and Distributed Systems (SPiDDS);**
2. **Machine Learning-based Communication Systems, towards Wireless AI (WAI).**

An on-line workshop was held on 24-26 May 2022, bringing together researchers from across a range of research communities and countries, to identify the challenges and promising research directions within the two selected topics. This open consultation has formed the scope of this call.

CHIST-ERA projects should be of a Pathfinder-like nature[1] and contribute to the development of the European research and innovation capacity in the technology domain of the call topics. The transformative research done in CHIST-ERA should explore collaborative advanced interdisciplinary science and/or cutting-edge engineering with the potential to initiate or foster new lines of technology and help Europe grasp leadership early on in promising future ICT and ICT-based areas with potential for significant impact in the long term.

Open access to publications and research data is a key asset to leverage on research funding. Applicants should consider approaches promoting open access starting from the project preparation stage. In particular, they must comply with the Open Science policy of CHIST-ERA (see p. 8).

To widen participation throughout Europe, CHIST-ERA projects are encouraged to include partners from the designated Widening Countries participating in the call: Bulgaria, Czech Republic, Estonia, Latvia, Lithuania, Poland, Romania, Slovakia and Turkey.

To build leading innovation capacity across Europe and connect with industry, CHIST-ERA projects are encouraged to involve key actors that can make a difference in the future, for example excellent early career researchers, ambitious high-tech SMEs etc. Participation of projects with mixed consortia, i.e. comprised of both academia and research end-users (including industry), is appreciated.

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[1] https://eic.ec.europa.eu/eic-funding-opportunities/eic-pathfinder_en

1st Topic: Security and Privacy in Decentralised and Distributed Systems (SPiDDS)

Ease of access to numerous computational resources, communication channels and increasing data volumes has led to increased interest in decentralised and distributed systems. Decentralised and distributed architectures provide advantages such as the ease of scalability, increased fault tolerance and faster data access. New devices can be more readily configured and added to the network with minimal interference in a decentralised or distributed network, whilst these systems are more resilient with no 'central point of failure'. Whilst there are advantages from the network not relying on a single node, this can lead to a greater number of attack vectors. Depending on how the system is implemented, security can be weaker in both decentralised and distributed systems. Additionally, these systems are more complex to maintain, and whilst privacy can be enhanced, this also provides more scope for cyberattacks. As decentralised and distributed systems become increasingly used, solutions to ensuring privacy and security in a trade-off with performance are sought.

Target Outcomes

Projects should address one or more of the following topics for decentralised and/or distributed systems:

- Design of hybrid software-hardware security and privacy solutions;
- Development of novel authentication protocols;
- Design of verification models for real-world applications of privacy and security solutions;
- Production of advanced use cases;
- Development of self-aware systems to identify and adapt to new threat vectors;
- Development of event driven end-to-end reconfigurable systems;
- Development of user-friendly federated learning techniques that deliver enhanced security or privacy;
- Design of protocols to enable integration of auxiliary devices to achieve high levels of privacy and security.

Expected Impact

Funded projects are expected to significantly advance the state-of-the-art by achieving one or more of the following objectives:

- Develop methods to improve security and/or privacy of distributed and decentralised systems whilst maintaining system performance;
- Identify new opportunities and services to improve security and privacy by implementing a decentralised or distributed system;
- Lead to decentralised and distributed systems which are capable of being adaptable and reconfigurable end-to-end in order to maintain security and privacy for users;
- Support the development of objective benchmarks and evaluation strategies for research in this domain;
- Cross traditional boundaries between disciplines in order to strengthen the community involved in tackling these new challenges.

2ⁿᵈ Topic: Machine Learning-based Communication Systems, towards Wireless AI (WAI)

In recent years, we have seen the rapid growth of mobile communications and Internet of Things (IoT) networks. This trend is expected to continue, with global traffic set to increase multi-fold over the next 5 years. This poses challenges for traditional networks with respect to their design, deployment, operation and optimisation. Future service requirements will include transfer of higher data volumes with ultra-low latency, improved connectivity, increased reliability and reduced power consumption. The next wireless networks should be able to meet the complex scenarios and non-linearity of future environments. Artificial intelligence (AI) is therefore key to achieving future requirements and dynamicity. Wireless AI looks at the implementation of Machine Learning (ML) techniques in Wireless communication systems to improve decision making, network management, and resource allocation. Therefore, in this call we look to discover new solutions to these problems, and create new application scenarios.

Target Outcomes

Projects should accelerate the path towards relevant Wireless AI by successfully integrating software-based solutions and hardware-oriented proof-of-concepts. They should address one or more of the following topics:

- Design of AI-enhanced techniques for resource optimisation in Radio Access Networks;
- Implementation of ML in physical layer signal processing;
- Development of AI-enhanced techniques for MIMO processing & beamforming;
- Design of improved Cognitive Radio Networks;
- Development of hardware and or/software techniques to improve energy efficiency in wireless networks;
- Design of protocols for trustworthy and reliable AI-based Edge processing;
- Use of communications systems for improved sensing;
- Generation and assurance of reliable training data for ML;
- Development of open-access testbeds;
- Design of use-cases to take advantage of these technologies.

Projects should aim at quantitative results. Where appropriate, they should make publicly available all the data, protocol description and software metrics needed to reproduce experiments.

Expected Impact

Funded projects are expected to significantly advance the state-of-the-art by achieving one or more of the following objectives:

- Develop approaches to meet future requirements for high data volumes, ultra-low latency, improved connectivity, higher reliability and/or reduced power consumption;
- Identify new applications and services which could be provided by introducing AI techniques for wireless communications;
- Lead to advances in Wireless AI by successfully integrating software-based solutions and hardware-oriented proof-of-concepts;
- Support the development of objective benchmarks and evaluation strategies for research in this domain;
- Cross traditional boundaries between disciplines to strengthen the community involved in tackling these new challenges.

Open Science Policy

In CHIST-ERA, we believe that any research supported by public funds should be available to the public free of charge, not only to improve transparency, reproducibility, visibility and democratisation of research, but also to avoid triplicate payment of the same research (researchers, publications, access to publications). As such, we have committed to a pioneering Open Science policy that encompasses national efforts towards Open Science.

This entails achieving more openness in the CHIST-ERA-funded Science through open access to peer-reviewed publications and research data, as well as constantly improving the transparency of the CHIST-ERA processes.

At the level of CHIST-ERA, Open Science aspects are positively appreciated already during the evaluation, whose criteria explicitly assess the Open Science practices and activities planned within each project. In addition, we refrain from using inadequate proxies (*e.g.* impact factors) during the assessment of the projects and give higher weight to the scientific content of a paper than to publication metrics, in line with the principles of the San Francisco Declaration on Research Assessment (DORA)[2].

1. Open Access to research data

All data underlying a publication funded by CHIST-ERA must be made Findable Accessible Interoperable Re-usable (FAIR) and must be openly published on a repository that enables FAIR data. By research data we understand "*the evidence that underpins the answer to the research question, and can be used to validate findings regardless of its form (e.g. print, digital, or physical)*"[3]. It is the necessary material[4] that is commonly accepted in the scientific community as necessary to document, validate and reproduce research findings. In the long-term, we expect CHIST-ERA supported projects to aim at preserving research data beyond the projects' lifetimes.

Correspondingly, CHIST-ERA-funded researchers are expected to ensure that the data produced throughout the project is FAIR, to share it with the scientific community and to deposit the data and metadata onto a FAIR-enabling data repository[5]. In addition, the research data must be made available at latest with the publication of the corresponding research outputs and appropriately linked to the latter, with a reference to the CHIST-ERA grant. For data that cannot be shared for a legitimate reason (see footnote 5), the specific clause as well as the conditions under which the data could be accessed must be provided. In this case, the metadata must be deposited on a FAIR-enabling data repository.

Open Access to research data costs (data preparation, sharing, etc.) shall be covered through the relevant CHIST-ERA funding organisations and, if relevant, already planned within the requested budget.

In general, the data management of each project is the subject of a Data Management Plan (DMP) that must be submitted to CHIST-ERA at latest three months after the beginning of the project via the ARGOS[6] online platform. The DMP is a living document and it is the responsibility of the Open Science Coordinator to update the DMP within the same platform (at least once per year). At the end of the project, the DMP must be updated and published on a FAIR-enabling data repository. The main goal is

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[2] https://sfdora.org/
[3] https://www.ukri.org/files/legacy/documents/concordatonopenresearchdata-pdf/
[4] This does not only include software or datasets but covers **any** other possible type of research artefacts, including metadata.
[5] Exception is research bound by legal, ethical, copyright, confidentiality or other clauses
[6] https://argos.openaire.eu

to provide a sustainable overview of the data associated to the project beyond its mere lifetime, ensuring reproducibility and long-term reuse.

2. Open Access to publications[7]

All publications funded by CHIST-ERA must be available in OA. This can be achieved via the *Green* or the *Gold Road.* Neither embargos nor hybrid journals are allowed in any of the two roads.

   a. Green road: publications are deposited in an open archive **without any embargo**.
   b. Gold road: research is published in an Open Access to publications venue[8]. CHIST-ERA recommends using the Diamond road[9].

Beneficiaries (or authors) must retain sufficient intellectual property rights to comply with the open access requirements. Creative Commons licenses or any other equivalent standard licenses are required whenever open access to publications will be secured via the gold road. Such licenses are also strongly recommended whenever the beneficiaries comply with our open access publications policy via the green road.

Possible publication costs shall be covered through the relevant CHIST-ERA funding organisations and, if relevant, already planned within the requested budget.

3. Open Science Coordinator

In order to facilitate the planning and the proper implementation of the Open Science policy within each project, every consortium must assign the role of Open Science Coordinator to one of its members (including the coordinator). The Open Science Coordinator is the main contact point for CHIST-ERA for Open Science-related matters and has the following responsibilities:

   a. Planning the dissemination activities of the consortium in connection with all scientific deliverables;
   b. Adapting the consortium budget to cover for the Open Science costs, given the available opportunities offered by the CHIST-ERA partners;
   c. Submit and update the project's DMP and follow up with Open Science aspects during the lifetime of the project (data sharing, embargos, etc.). In particular, coordinate these aspects with the elaboration of exploitation plans for some of the project deliverables such as those requiring specific intellectual property strategies (*e.g.* patenting or commercialisation);
   d. Liaise with project members with respect to Open Access to publications and research data aspects;
   e. Analyse Open Science practices in other projects.

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[7] This includes peer-reviewed journal publications, peer-reviewed conference papers, books and book chapters.
[8] While the website DOAJ (https://doaj.org) lists the peer-reviewed and open access scientific journals, the website DOAB (https://www.doabooks.org) focuses on the monographs
[9] https://www.coalition-s.org/diamond-unearthed-shining-light-on-community-driven-open-access-publishing/

Open Access to Publication and Research Data Policy and Financial Support Eligibility: Overview Table (see annex for further information)

Country	Organisation	Policy at Funding Institution Level		Financial Support Eligibility			
		Open Access to publications	Open Access to research data	Article Processing Charges	Book Processing Charges	Book Chapter Processing Charges	Data sharing on repositories
Austria	FWF	Yes	Yes	√	√	√	√
Belgium	F.R.S.-FNRS	Yes	No	√			
Brazil	CNPq	No	No				
Brazil	CONFAP	No	No				
Bulgaria	BNSF	Yes	Yes	√	√	√	√
Croatia	HRZZ	Yes	Yes	√			√
Czech Republic	TA CR	Yes	Optional	√	√	√	√
Estonia	ETAG	No	No	√	√	√	√
Finland	AKA	Yes	Yes				
France	ANR	Yes	No	√	√	√	√
Ireland	IRC	Yes	No				
Israel	ISERD	No	No				
Latvia	LZP	No	No	√	√		
Lithuania	LMT	Yes	Yes	√	√		
Luxembourg	FNR	Yes	Yes	√			√
Poland	NCN	Yes	Yes	√	√	√	√
Romania	UEFISCDI						
Slovakia	SAS	No	No	√	√	√	√
Spain	AEI	Yes	Yes	√	√	√	√
Switzerland	SNSF	Yes	Yes	√	√	√	√
Taiwan	NSTC	Yes	Optional				√
Türkiye	TÜBITAK	Yes	Optional				
United Kingdom	UKRI	Yes	Optional				√

Widening Countries Participation

The Widening Countries designate a list established by the European Commission of low performing countries in research and innovation, be they European Union Member States or Associated Countries to Horizon Europe.

To spread excellence, CHIST-ERA, as competitive funding instrument of collaborative projects, can support the opening of established research networks in the non-Widening Countries to most talented researchers in the Widening Countries. Conversely, broader engagement of the Widening Countries' research communities has the capacity to broaden the European scientific and technology landscape with varied perspectives and scientific and technology challenges to tackle.

To support this ambition, in the Call 2022 following actions are implemented:

- The selection criteria prioritise projects with Widening Countries in case of ex aequo projects;
- Dissemination of CHIST-ERA call funding opportunities is strengthened in Widening Countries;
- A Partner Search Tool is made available at www.chistera.eu;
- An additional funding for coordination support may be granted by some funders of the Widening Countries.

With regard to the latter action, applicants are encouraged to consult the 'Overview Table' (p. 14-16) and national/regional annexes (from p. 21) or funding organisation contact points to check if specific support applies.

Further information on CHIST-ERA approach to widening concept is available from the CHIST-ERA website at https://www.chistera.eu/widening-countries-policy

The participating Widening Countries to the Call 2022 are: Bulgaria, Croatia, Czech Republic, Estonia, Latvia, Lithuania, Poland, Romania, Slovakia and Turkey.

Management of the Call

The Call Secretariat is jointly set up at ANR (France) and AEI (Spain) and will assist the Call Steering Committee and the Evaluation Panel.

Call Steering Committee

The Call Steering Committee is the highest decision-making body of the CHIST-ERA call, being composed of representatives of all CHIST-ERA national/regional funding organisations participating in the call.

The CSC steers all activities of the call. In particular, the Call Steering Committee nominates the members of the Evaluation Panel, approves the composition of the Evaluation Panel and establishes the final list of projects recommended for funding to the funding organisations based on the ranking list provided by the Evaluation Panel. All decisions concerning the call implementation are taken by the Call Steering Committee (e.g. management of confidentiality and conflicts of interest).

Evaluation Panel

The Evaluation Panel is the evaluation body of the CHIST-ERA call, being composed of experts in the call topics.

The evaluation panel evaluates the proposals. In particular, it establishes a ranking list of projects which serves as a basis for the Call Steering Committee funding recommendation.

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2 February 2023, 17:00 CET	**Deadline for proposal submission**
July 2023	Notification of accepted proposals
October 2023	Tentative start date for accepted projects

Eligibility

CHIST-ERA is a hybrid funding instrument. Proposals are submitted by consortia with partners from multiple countries. The call as well as the proposal evaluation and selection are transnational. Funding is then provided by participating national/regional funding organisations directly to the selected consortium partners.

Each partner is directed by a principal investigator (PI), who interacts with the funding organisation. One PI acts as the coordinator for the consortium and is the single point of contact with CHIST-ERA.

It is necessary that both the consortium is eligible for CHIST-ERA and all partners requesting funding are eligible to be funded at national/regional level (see corresponding national/regional annex p. 21 and following). If a partner is eligible to receive funding by multiple participating organisations, the partner must choose a single organisation for funding. **CHIST-ERA projects have a duration of either 24 or 36 months.**

Eligibility of the Consortium

The following CHIST ERA general eligibility criteria must be met:

1. The consortium is international:
   - It must have a minimum of three eligible and independent partners requesting funding to organisations in the call from three distinct countries.
2. The consortium is balanced:
   - At most 60% of the total requested funding may be requested by partners from one country.

The consortium needs to be focused, that is, the proposed research must have a clearly defined goal. Consortia should therefore typically contain between three and six partners. Larger consortium is permitted, especially if it involves partner(s) from the Widening Countries. Participation of research end-users (including industry), is encouraged where relevant.

Partners who are not requesting funding may be part of a consortium if they are able to secure their own funding. Third-party funding is not considered for the criteria above. The consortium coordinator must be supported by a funding organisation participating in the topic.

Proposals are expected to request a contribution of 750 K€ to 1 000 K€ to address the objectives of the call. This does not preclude submission and selection of proposals requesting other amounts.

Eligibility of Partners

The eligibility rules for partners are specific to the chosen funding organisation. The table on the next page provides an overview of the principal eligibility criteria for each funding organisation, including contact points. The full list of eligibility rules can be found in the corresponding national/regional annex (p. 21 and following).

In particular, be aware that some funding organisations:

- Require that eligibility of partners is checked with them prior to applying;
- Require that additional documents are submitted to them;
- Apply a cap on the amount of funding that can be requested.

In order not to jeopardize the whole consortium, partners should ensure that no doubts exist about the eligibility of their entity, the eligibility of their PI and their eligible costs.

National/Regional Research Funding Organisations: Overview Table (see annex for further information)

* The budget is indicative and represents the committed funding available for all projects the organisation supports in this call. Together with the budget, the expected number of projects gives an indication of the financial constraints that should be expected by partners applying to this organisation. Partners are strongly discouraged from requesting greater budgets than are necessary for the activities being proposed. Many proposals will request less than the upper limits (if any) indicated in the table.

Note: If the currency used in the country of the funding organisation is not the euro, the figure in the table is based on the exchange rate of October 2022.

** Some funding organisations require that partners contact them prior to submission or send specific documents. Some allow industrial partners but additional conditions may apply. **Applicants are strongly recommended to contact their contact point prior to submission in order to verify their eligibility.**

Country	Funding organisation	Topic 1 SPiDDS	Topic 2 WAI	Budget (M€) *	Expected NB of projects *	Limits on amount which may be requested (M€) *	Contact prior to submission **	Additional forms **	Industrial partners eligible for funding **	Contact(s)
Austria	FWF	Yes	No	0.8	2-4	-	Yes	Yes	No	Veronika.Schoepf@fwf.ac.at
Belgium	F.R.S.-FNRS	Yes	Yes	0.3	2	0.15 per project	Recommended	Yes	No	international@frs-fnrs.be
Brazil	CNPq	Yes	Yes	0.1	1-2	-	No	No	No	Dileine.Cunha@cnpq.br
Brazil	CONFAP	Yes	Yes	TBA	-	-	See CONFAP annex	See CONFAP annex	See CONFAP annex	Elisa.CONFAP@gmail.com
Bulgaria	BNSF	Yes	Yes	0.38	3-5	0.12 per project	Recommended	Yes	No	Aleksandrova@mon.bg
Croatia	HRZZ	No	Yes	0.14	1	0.14 per project	Recommended	Yes	See HRZZ Annex	Jasminka@hrzz.hr
Czech Republic	TA CR	Yes	Yes	0.75	3-5	-	No	Yes	Yes	Aneta.Lizancova@tacr.cz

Country	Funding organisation	Topic 1 SPiDDS	Topic 2 WAI	Budget (M€) *	Expected NB of projects *	Limits on amount which may be requested (M€) *	Contact prior to submission **	Additional forms **	Industrial partners eligible for funding **	Contact(s)
Estonia	ETAG	Yes	Yes	0.15	1	0.15 per project	Recommended	No	Yes	Margit.Suuroja@etag.ee
Finland	AKA	Yes	Yes	1	2-4	0.45 per partner	Recommended	No	No	Katrine.Mahlamaki@aka.fi
France	ANR	Yes	Yes	2.5	7-10	0.35 per project	Yes	No	Yes	Anna.Ardizzoni@anr.fr
Ireland	IRC	Yes	Yes	0.15	1	0.15 per project	Yes	Yes	No	RSweeney@research.ie
Israel	Innovation Auth	Yes	Yes	TBA	TBA	Limits based on the requested course	Yes	Yes	Yes	Rachel.L@iserd.org.il Dan@iserd.org.il
Latvia	LCS	Yes	Yes	0.6	2	0.10 per project year per partner	No	No	Yes	Maija.Bundule@lzp.gov.lv
Lithuania	LMT	Yes	Yes	0.15	1	0.10 per project; 0.15 if coordination.	Yes	No	Yes	Laura.Kostelnickiene@lmt.lt
Luxembourg	FNR	Yes	Yes	0.35	1-2	0.35 per project	No	Yes	No	Helena.Burg@fnr.lu
Poland	NCN	Yes	Yes	0.5	2-3	-	Yes	Yes	Yes	Alicja.Dylag@ncn.gov.pl Anna.Wieczorek@ncn.gov.pl
Romania	UEFISCDI	Yes	Yes	0.5	2-3	0.25 per project if coordination 0.2 per project if partner				Cristina.Cotet@uefiscdi.ro
Slovakia	SAS	Yes	Yes	0.12	1	0.12 per project	Yes	Yes	No	Panisova@up.upsav.sk
Spain	AEI	Yes	Yes	0.6	3	0.20 per project with one AEI applicant; 0.25 per project with two AEI applicants;	No	No	No	era-ict@aei.gob.es

Country	Funding organisation	Topic 1 SPiDDS	Topic 2 WAI	Budget (M€) *	Expected NB of projects *	Limits on amount which may be requested (M€) *	Contact prior to submission **	Additional forms **	Industrial partners eligible for funding **	Contact(s)
						Additional 0.10 if coordinator is AEI applicant.				
Switzerland	SNSF	Yes	Yes	1	3-5	No	Recommended if PI never supported by reference funding scheme	Yes	Only if the institution does not pursue commercial goals	chistera@snf.ch
Taiwan	NSTC	Yes	Yes	0.81	3	0.27 per project for 3 years	Yes	No	No	cmtom@nstc.gov.tw
Türkiye	TÜBİTAK	Yes	Yes	0.6	4	0.15 per project	Yes	Yes	Yes	Ozlem.GeziciKoc@tubitak.gov.tr
United Kingdom	UKRI	Yes	No	1.1	3	0.35 per project	No	No	No	Rachel.Lamb@epsrc.urki.org

Application Procedure

Ensure the Proposal is Valid
- The research is clearly in line with one of the two topics of the call;
- The consortium meets the CHIST-ERA eligibility criteria;
- Each partner meets the corresponding national/regional eligibility criteria (the coordinator is strongly encouraged to check it with her/his partners sufficiently in advance).

It is the responsibility of each partner to ensure their eligibility. Consult the overview table on the previous pages and the detailed regulations of each organisation in the annex for partner-specific conditions and processes (i.e. deadlines for submission of additional documents, internal evaluations etc.).

The consortium coordinator shall make sure that all partners who are required to contact their respective funding organisation, do so prior to the submission of the proposal.

Submitting the Proposal
The call follows a one-stage submission and evaluation procedure. The proposal (typically 25 to 35 pages) is submitted and evaluated by a joint international evaluation panel that is set up specifically for each topic.

The coordinator prepares a joint proposal for the whole consortium, using the template available on the CHIST-ERA website (http://www.chistera.eu). The form is submitted via the electronic submission system on the website.

To support the applicants, the following services are provided at http://www.chistera.eu: Call 2022 newsletter, information webinars, FAQ, Partner Search Tool and online networking event, and submission technical guidelines.

We recommend that a preliminary proposal be submitted several days before the call deadline to guarantee against unforeseen issues. Proposals that have already been submitted can be modified until the deadline.

Partners whose funding organisation requires submitting forms alongside the joint proposal submission must do so at this point (see overview table and the national/regional annex).

The coordinator and all partners must be in a position to diligently answer e-mail queries after the submission. If a partner's PI is not available, the PI must be represented by a collaborator from the same organisation.

Evaluation and Selection Procedure

Evaluation

The Call Secretariat and the national/regional funding organisations check the proposals against the CHIST-ERA as well as the national/regional eligibility criteria.

The evaluation relies on an international evaluation panel (one per topic) of experts, assisted by external reviewers. The composition of the panel is published after the selection at www.chistera.eu.

The proposals are evaluated and ranked within each topic. The proposals have to meet the threshold in each of the following criteria, otherwise are not considered for funding:

Relevance to the Topic (threshold: 4/5, weight: 1)

Relevance of the project with respect to the topic description.

S/T Quality (threshold: 3.5/5, weight: 2)

Scientific and technological excellence:

- *Clarity of long-term vision of a novel science-enabled technology breakthrough;*
- *Soundness of the concept, ambition and quality of the proposed research objectives that address this vision, quality of the research method, reproducibility of the results;*
- *Range and added value from interdisciplinarity (incl. measures for exchange, cross-fertilisation and synergy), originality and novelty, and potential for non-incremental progress beyond the state-of-the-art;*
- *High risk/High gain of the proposed research, flexibility and plausibility of the methodology.*

Impact (threshold: 3.5/5, weight: 2)

The extent to which the outputs of the project would contribute, at the European and/or international level, to:

- *The expected impacts mentioned in the topic description (see pages 6-7);*
- *Potential to transform research results into innovations with societal or economic impact.*

Quality of the proposed measures and plans to:

- *Disseminate and use of project results (incl. data and means to reproduce results) in line with the Open Access to Publications and Research Data principles (see pages 8-9), and management of intellectual property;*
- *Communicate the project to different target audiences.*

Implementation (threshold: 3/5, weight: 1)

Quality and efficiency of the implementation and management:

- *Quality and effectiveness of the work plan to achieve project objectives and impacts, including appropriateness of allocation of the resources to tasks and partners (incl. justification of requested resources) and of data management;*
- *Appropriateness of the management structure and procedures (incl. risk management and possible ethical issues);*
- *Quality and added value of the participants (complementarity, coherence of the consortium as a whole, balance of involvement etc.).*

The assessment by the evaluation panel of each proposal is detailed in a consensus report, which is made available to the applicants.

Selection

On the basis of the ranking of the proposals and of available funding, the Call Steering Committee prepares a list of projects recommended for funding to the national/regional funding organisations. The project coordinators receive the selection decision and the consensus reports as well as the evaluation reports, who in turn are invited to distribute them to all partners. The list of funded projects is published on CHIST-ERA website.

The list of projects recommended for funding is established by following the ranking list of the evaluation panel starting at rank 1:

If at a given rank N in the ranking list not all ex-aequo projects can be funded because some funding organisation(s) lack budget, the following options (or a combination thereof) are considered:

- Priority 1: The budget of the funding organisation(s) in question can be increased;
- Priority 2: The funding of the projects or of all the projects to be funded by the funding organisation(s) in question is reduced;
- Some project(s) cannot be funded.

In the latter case, the following additional selection criteria are considered:

- The output of the call, i.e. the overall funding, should be maximised (e.g. by prioritising projects with high presence of under-represented countries and vice-versa)
- If possible, each funding organisation funds at least one project;
- The projects involving partners from the Widening Countries should be prioritised.

In the same latter case (some project(s) of rank N cannot be funded), the Call Steering Committee can apply a certain degree of flexibility, when it comes to following the ranking list. In case no other options are available budget wise, additional projects in the ranks N+1 and following may be selected. The same selection procedure as mentioned previously will be applied.

Management of Projects

Contracting of the Consortium

If the project is recommended for funding, each partner may need to submit an administrative application to the chosen funding organisation to apply for their CHIST-ERA funding (grant or contract). In rare cases, specific partners in a consortium may be requested to apply for their funding from another funding organisation than the one they had chosen initially. The subsequent negotiation phase between the partners and the funding organisations follows the established procedures and, if successful, results in a grant agreement between the two parties.

All partners of a consortium should request their funding to start at approximately the same date, to ensure that the collaborative research can be conducted as planned.

The administrative and financial management of funding is overseen by the respective funding organisations, according to their rules and guidelines.

Consortium agreement

A consortium agreement has to be signed by all partners and sent to CHIST-ERA. As some funding organisations require that the consortium agreement is signed before the grant agreement can be finalised it has to be signed as soon as possible, but no later than three months after the start of a project.

Reporting

Consortia must present the status of their project at each yearly event organised by CHIST-ERA. The project partners not only the coordinator are encouraged to attend. The related costs are eligible and should be included into the presented budget.

Furthermore, the coordinators of funded projects have to submit a scientific report including an up-to-date Data Management Plan on each 12-month period of the project. The reports must be sent to CHIST-ERA within two months after the end of each period. Some funding organisations require separate reports for individual project partners. This is specified in their grant agreements.

Any publications resulting from the projects must acknowledge CHIST-ERA and should comply with the Open Science policy of CHIST-ERA.

Project modifications

During the lifetime of the project, the funding organisations coordinate the management of the project modification requests (incl. extension). Should the request emanate from a single partner, it is formulated by the coordinator on the behalf of the consortium to CHIST-ERA, which in turn coordinates with the funding organisations.

National Annex: Funding Organisation's Contact Points and Regulations

Austria- FWF

FWF--Der Wissenschaftsfonds
Sensengasse l
1090 Wien
http://www.fwf.ac.at

Dr. Veronika SCHÖPF
Scientific Officer
+43-1-505 6740-8401
veronika.schoepf@ac.at

Funding Criteria and Regulations

All Austrian partners must contact FWF prior to submission.

Maximum funding per grant awarded to a partner

For scientists funded by the FWF, the funding is limited to "project-specific costs, i.e. personnel and non-personnel costs that are essential to carry out the project and that go beyond the resources made available from the research institution's infrastructure, according to the general FWF Funding Guidelines published at

https://www.fwf.ac.at/fileadmin/files/Dokumente/Antragstellung/Einzelprojekte/p_application-guidelines.pdf

The FWF does not finance infrastructure or basic equipment at research institutions. Overheads may not be requested.

The current FWF salary scale (http://www.fwf.ac.at/en/research-funding/personnel-costs/ indicates the salaries that may be requested.

Eligibility of a partner as a beneficiary institution

Individual researcher, working in any kind of non-profit organisation: e.g. University, University hospital, Non-university research institute

Please refer also to the general FWF Funding Guidelines: http://www.fwf.ac.at/fileadmin/files/Dokumente/Antragstellung/Einzelprojekte/p_application-guidelines.pdf available on: http://www.fwf.ac.at/en/research-funding/application/international-programmes/joint-projects-era-nets/

Additional specific rules

Please note that starting on August 1, 2018, the number of ongoing/approved/submitted projects in which one researcher can serve as principal investigator will be limited to three in the Stand-Alone Projects Programme, International Programmes (including ERA-Net projects!), Clinical Research and Arts-Based Research Programmes. Principal investigators who already have three ongoing/approved/submitted projects will not be permitted to submit another application within those programmes until 12 months before the end of one of their ongoing projects. You are strongly advised to contact the national representative in case you may be affected by this regulation.

https://www.fwf.ac.at/fileadmin/files/Dokumente/Antragstellung/project_number_limit.pdf

Submission of the proposal at the national level

FWF Submission:

In addition to the application at the call secretariat administrative data (in accordance with the FWF guidelines for stand-alone projects) must be submitted online to the FWF at https://elane.fwf.ac.at/

For submissions to be valid, the cover sheet generated at the end of the online submission process must be printed out and signed. It can then either be sent to the FWF by conventional mail (FWF, Sensengasse 1, 1090 Vienna) or scanned in, given a digital signature and sent to the FWF (office@fwf.ac.at) as an e-mail attachment. Detailed information may be found under the Internet:

http://www.fwf.ac.at/fileadmin/files/Dokumente/Antragstellung/Internationale_Programme/i_infosheet-era-net.pdf

Further guidance

http://www.fwf.ac.at/en/research-funding/application/international-programmes/joint-projects-era-nets/

Open Access to Publications and Research Data Policy

As a signatory of the Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities, the FWF is committed to advancing sustained open access to scholarly publications and research data. To this end, the FWF requires and supports all project leaders and project staff members to make their peer-reviewed research outputs freely available through the internet, if they result in full or in part from projects funded by the FWF.

For Details see: Open Access Policy (fwf.ac.at).

Belgium (Wallonia-Brussels Federation) – F.R.S.-FNRS

Fonds de la Recherche Scientifique - FNRS
Rue d'Egmont 5
B - 1000 Bruxelles
https://www.frs-fnrs.be

Dr. Florence Quist   Joël Groeneveld
Scientific Officer   Senior Policy Officer
+32 2 504 93 51   +32 2 504 92 70
international@frs-fnrs.be

Funding Criteria and Regulations

Project duration: The maximum amount of requested funding per project is 150.000 EUR for a total period of three years. If the project involves the recruitment of a PhD student, the project duration of the F.R.S.-FNRS sub-project could be up to four years (cf. PINT-Multi regulations).

Eligibility of the proposal and applying candidates: all eligibility rules and criteria can be found in the PINT-Multi regulations.

Forms to be submitted

Applicants to F.R.S.-FNRS funding must provide basic administrative data by submitting an administrative application on e-space **within 5 working days after the general deadline of CHIST-ERA to be eligible**. Please select the "PINT-MULTI" funding instrument when creating the administrative application. Proposals invited to the second stage will be able to complete the pre-proposal form and provide information for the full proposal upon validation by the F.R.S.-FNRS.

General rules and regulations of FNRS apply: www.frs-fnrs.be

See also: http://www.ncp.fnrs.be/index.php/appels/era-nets

Open Access to Publications and Research Data Policy

The F.R.S.-FNRS supports open access publication. Costs of up to 750 euros per article are eligible. Publications fees related to the "hybrid model" (fees related to the "open access implementation" of articles published in "classical" journals) are not eligible. For more information on the matter, please refer to our specific rule and regulations (https://www.frs-fnrs.be/docs/Reglement_OPEN_ACCESS_EN.pdf).

Brazil - CNPq

Conselho Nacional de Desenvolvimento Científico e Tecnológico
SHIS QI 01, Conj. B, Bl. D, 1° Andar, Sl. 101
Edifício Santos Dumont
Lago Sul, Brasília - DF   71.605-190
https://www.gov.br/cnpq/pt-br

Dileine Amaral da Cunha
Coordinator of Information and International Studies
+55 61 3211-9879
+55 61 99213-0583 (whatsApp)
dileine.cunha@cnpq.br

Funding Criteria and Regulations

Who can apply?
- Researchers from higher education institutions, public or private (if non-profit);
- Researchers from R&D institutes and centres, public or private (if non-profit);
- Researchers from public companies that carry out activities of research in S&T&I.

What types of costs are eligible for funding?

According to RN-17/2011:

- Direct Costs: Consumable materials; Air Tickets and per diems.
- Indirect Costs: Third party services both natural and legal persons.

Other Information:

Projects to be financed by CNPq will be supported under the modality APQ (Individual Grant for Research – regulations available at:

http://memoria2.cnpq.br/view/-/journal_content/56_INSTANCE_0oED/10157/25480#rn17114 and must be submitted by the Brazilian researcher to the Carlos Chagas Platform http://carloschagas.cnpq.br/ subsequently to their approval.

All criteria for the APQ modality must be complied with otherwise the proposals will not be submitted to meritorious evaluation.

The researcher for the Brazilian side must hold a Doctoral Degree and have a Lattes Curriculum http://lattes.cnpq.br/ up-to-date until the final deadline.

Expenses not covered by the specific call will be of responsibility of the researcher and/or the project implementing institution.

The applicant should comply with CNPq's Users Guideline for Financial and Accountability Resources (available at http://memoria2.cnpq.br/web/guest/view/-/journal_content/56_INSTANCE_0oED/10157/6122070).

Open Access to Publications and Research Data Policy

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Brazil – CONFAP

National Council of State Funding Agencies
Centro Empresarial Norte
Setor de Rádio e TV Norte
Quadra 701, Conjunto C, Ala B, Sala 2012
Asa Norte, Brasília - DF - 70.719-903
Brazil

https://confap.org.br/

Elisa Natola
Advisor for International Cooperation
+55 61 99613 8850 (Mobile + WhatsApp)
elisa.confap@gmail.com

Funding Criteria and Regulations

Who can apply?

- Researchers from higher education institutions, public or private (if non-profit) eligible for the involved state funding agencies (FAPs);
- Researchers from R&D institutes and centres, public or private (if non-profit) eligible for the involved state funding agencies (FAPs);
- Researchers from public companies that carry out activities of research in S&T&I eligible for the involved state funding agencies (FAPs).

What types of costs are eligible for funding?

As a general rule, State Funding Agencies (FAPs) finance scholarships, mobility and grants, related to scientific, technological and innovation projects.

Applicants must verify the specific eligibility rules and financing modalities, which shall be informed by the participating FAPs.

Other Information:

Eligible applicants must have a doctoral or equivalent degree and be linked to a Research Institution located in Brazilian States participating in the call, through their Respective State Funding Agencies; have scientific or technological production evaluated by Curriculum (Súmula Curricular).

Websites of the participating FAPs (TBA):

1. Fundação Araucária - https://www.fappr.pr.gov.br
2. FAPEAL – http://fapeal.br
3. FAPEAM – http://www.fapeam.am.gov.br
4. FAPEAP - https://fapeap.portal.ap.gov.br
5. FAPEG - http://www.fapeg.go.gov.br
6. FAPEMA - https://www.fapema.br
7. FAPEPI – http://www.fapepi.pi.gov.br
8. FAPERGS - https://fapergs.rs.gov.br
9. FAPERJ - https://www.faperj.br
10. FAPERR - https://portal.rr.gov.br
11. FAPES - https://fapes.es.gov.br
12. FAPESB - https://www.fapesb.ba.gov.br
13. FAPESC - www.fapesc.sc.gov.br
14. FAPESPA - https://www.fapespa.pa.gov.br
15. FUNDECT - https://www.fundect.ms.gov.br

Here follows the list of Brazilian State Funding Agencies participating in the call, including details on their total budget reserved for the call, the number of projects to be funded within this amount and the contact points which should be consulted for orientations on the respective rules for participation:

	FAPs	State	Budget EUR	Max. number of projects within the max. allocated budget	Contacts
1	Fundação Araucária	Paraná	60 000	2	Luiz Márcio Spinosa, Barbara Taniguti spinosa@fundacaoaraucaria.org.br, barbara@fundacaoaraucaria.org.br
2	FAPEAL	Alagoas	50 000	1	Antonio Daniel Carvalho pesquisafapeal@outlook.com
3	FAPEAM	Amazonas	10 000	2	internacionalizacao@fapeam.am.gov.br
4	FAPEAP	Amapá	20 000	1	Luís Roberto Takiyama fapeap@fapeap.ap.gov.br
5	FAPEG	Goiás	100 000	2	Marcos Arriel marcos.arriel@goias.gov.br
6	FAPEMA	Maranhão	30 000	1	Maurício Sá mauricio.sa@fapema.br
7	FAPEPI	Piauí	30 000	2	fapepi@fapepi.pi.gov.br
8	FAPERGS	Rio Grande do Sul	60 000	2	Daniela Ziani Scherer dec@fapergs.rs.gov.br
9	FAPERJ	Rio de Janeiro	100 000	3	Ana Beatriz Ramadas assessoria.internacional@faperj.br
10	FAPERR	Roraima	TBC	TBC	TBC
11	FAPES	Espírito Santo	50 000	1	Marcia Calil parcerias@fapes.es.gov.br
12	FAPESB	Bahia	TBC	TBC	TBC
13	FAPESC	Santa Catarina	60 000	1	internacional@fapesc.sc.gov.br
14	FAPESPA	Parà	30 000	2	Deyvison Medrado Dicet@fapespa.pa.gov.br
15	FUNDECT	Mato Grosso do Sul	10 000	1	Jackline Fermau internacional@fundect.ms.gov.br

Open Access to Publications and Research Data Policy

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Bulgaria - BNSF

Bulgaria National Science Fund - BNSF
Blvd. Al. Stampolijski 239
Entr. B
Sofia 1309
www.fni.bg

Milena Aleksandrova
Program Coordinator of ERA-NET participation
+359 884 171 363
aleksandrova@mon.bg

Funding Criteria and Regulations

Applicants eligible to participate in this project selection procedure are only the following entities:

1) Accredited universities as defined in Art. 85 para.1, p. 7 of the Higher Education Act;
2) Research organizations as defined in Art. 47, para. 1 of the Higher Education Act.

Applicants under this procedure shall be directly responsible for the implementation of the activities under the project proposal and shall not act as intermediaries, but they shall carry out activities under the project proposal on their behalf and at their expense.

Applicants to this procedure must be entities:

- Carrying out fundamental research studies; and
- Whose activities are entirely of a non-profit nature; or
- Whose activities are of both for-profit and not-for-profit nature, but these activities are clearly distinguished and their organization allows tracking of revenue and expenditures connected with their implementation, including by keeping analytical accounting. In the event that an applicant is involved in both for-profit and not-for-profit activities, the funding, expenditures and revenues shall be taken into account separately for each type of activity and on the basis of consistently applied principles of accounting of expenditures being justifiable.

Eligible costs are specified in" National requirements and eligibility conditions" of Bulgarian National Science Fund available at:

https://www.fni.bg/sites/default/files/competition/12_2016/ERA/FNI_International_Programs_2017_BG.pdf

The financial plan of the project should comprise "Indirect eligible costs" which include:

- Administrative costs – up to 7 % of the total project cost
- Audit costs – up to 1 % of the total project cost

These costs are required to be included even they are not identified within the general rules of the call announced under the respective international programme.

Applicants need to fill in Application form for the administrative description of the project and deposit it at BNSF Registry Office.

More information on national requirements and application forms can be obtained at: https://www.fni.bg/?q=node/603

Open Access to Publications and Research Data

BNSF supports open access publications. The costs related to the publication of the results are eligible.

Croatia - HRZZ

HRZZ- Croatian Science FOundation
Ilica 24
10000 Zagreb
http://www.hrzz.hr

Jasminka Boljević
Head f International Funds Cooperation
Department
+385-1-2356990
jasminka@hrzz.hr

Funding Criteria and Regulations

Maximum funding per grant awarded to a partner

143.619,35 EUR, one project can be financed in theme 2

Eligibility of a partner as a beneficiary institution

Croatian applicants (Principal Investigators) are recommended to contact HRZZ prior to the submission of the proposal for the purpose of checking the national funding terms and conditions.

The Croatian applicant may have two roles on a maximum two HRZZ projects: as a PI of one project and team member or co-PI on another project or as a team member or co-PI on two projects. This does not include the role of PI and team members in HRZZ projects ending before 1 October 2023. Co-PIs on projects are PIs in bilateral programme (IPS, IPCH) and on ERA-NET programmes.

Applicant can participate in only one project consortium in one ERA-NET Cofund Call.

Submission of the proposal at the national level

HRZZ Submission:

The document ""Upute za prijavitelje na natječaje Hrvatske zaklade za znanost"" presenting the modalities of participation of the Croatian applicants, eligibility of the organizations and eligible costs will be available at www.hrzz.hr.

Following the conclusion of the consortium agreement between the consortium partners, the Croatian applicant in the project consortium will be required to sign a grant agreement with HRZZ for the portion of the budget provided by HRZZ.

Eligibility confirmation

The HRZZ requests the Croatian applicants to send the following documentation, not later than 2 days after the submission of the proposal:

1. Financial Plan for the Croatian applicant (the part to be financed by the HRZZ), extracted from the CHIST-ERA application for Call 2022- Financial Form submitted by the project consortium;
2. CHIST-ERA Proposal (in PDF format, sealed on the date of Call deadline);
3. Letter of Support in Croatian, i.e. a written commitment of the Croatian applicant´s organization, accepting the proposed research and committing to its administration (signed and certified by the authorized person of the Croatian applicant´s organization);
4. Signed letter of commitment for the participation in the projects for all associates not employed at the applicant's organisation.
5. Ethics approval (if applicable), PDF document.

The electronic version of the requested documentation shall be sent via e-mail to the following address: jasminka@hrzz.hr.

Submission of financial reports at the national level

The funded Croatian applicants will have to submit annual Financial reports and justifying documentation (e.g. invoices, contracts, pay slips and similar) to HRZZ, together with a Declaration on VAT status and Declaration on the prevention of double financing for the year in question.

Eligible costs are:

- Research costs;
- Personnel costs (only postdoctoral researchers, for up to two years)
- Equipment;
- Dissemination and travel expenses;
- Costs for open access publishing;
- Overhead (indirect costs) is calculated as a percentage of contracted direct costs: staff costs, logistics costs (excluding capital costs and cost for subcontracting) and travel expenses. Indirect costs will not exceed 10 % of direct costs. It can be claimed only if there is an explanation and specification for its use.

For more details please consult: "Upute za prijavitelje na natječaje Hrvatske zaklade za znanost"

Further guidance

https://hrzz.hr/prijava/otvoreni-natjecaji/

Open Access to Publications and Research Data Policy

HRZZ supports open access publications. The costs related to the publication of the results are eligible.

Czech Republic - TA CR

Technology Agency of the Czech Republic
Evropská 1692/37
160 00 Praha 6
Czech Republic
https://www.tacr.cz

Aneta Lízancová
Project Manager
+420 778 976 953
aneta.lizancova@tacr.cz

Funding Criteria and Regulations

Eligible projects for TA CR
- the project meets the definition of applied research (i.e. industrial research, experimental development and their combination)
- the research results correspond to the national rules and are applicable / exploitable. *(The project proposal has to include a clear description of the exploitation plan and results)*
- the aim of the project has to be relevant to the overall aim of the funding programme EPSILON
- project meets conditions of The **Recovery Resilience Fund** (stated below)
- the share of industrial research and experimental development corresponds to the activities of the Czech partner as described in the project proposal
- the applicants are eligible (based on the rules stated below)
- the costs are eligible (based on the rules stated below)
- the requested funding meets the national regulations for aid intensity
- the applicants have published the financial statements for the years 2018, 2019, 2020
- submission of the project proposal and its implementation will not give rise to a conflict of interest within the meaning of Article 61 of Regulation (EU) 2018/1046 of the European Parliament and of the Council of 18 July 2018
- the applicants have submitted TACR Application form via databox before the deadline and have provided TA CR with all mandatory forms

Unless the above stated conditions are met, the Czech applicant will not be considered eligible.

Eligible applicants for TA CR
- Enterprises (according to Annex 1 of the Regulation)
- Research organizations (according to Article 2 paragraph 83 of the Regulation)

The main applicant may be only an entity that has its registered office, establishment or branch in the Czech Republic.

TA CR excludes the disbursement of individual aid to an enterprise:
- against which a recovery order has been issued which is unpaid
- meeting the definition of an "enterprise in difficulties"
- which has not met the obligation to publish the financial statements for the years 2018, 2019, 2020 in the respective register - the so-called "Veřejný rejstřík"
- who has not indicated his/her ownership structure (if the legal form of the tenderer shows that he/she does not have an ownership structure, this obligation does not apply),
- which has not indicated its shareholdings in other legal persons and the amount of such holdings,
- whose submission of a project proposal and its implementation will give rise to a conflict of interest within the meaning of Article 61 of Regulation (EU) 2018/1046 of the European Parliament and of the Council of 18 July 2018.

Start day of accepted projects
Please note that following national legislation, Czech applicants must start within 120 days from the funding decision being communicated by the Call Management (60-days period to make a contract + 60-days period to start the project).

Supported results

Projects that achieve at least one of the following types of results can be supported in this call. The type of the result has to be clearly described in the project proposal:

P - patent;

G - technically realized results - prototype, functional sample;

Z - pilot plant, proven technology;

R - software;

F - results with legal protection - utility model, industrial design;

N - Certified methodologies and practices, treatment, conservation methods, procedures and specialized maps with professional expert content;

O – Miscellaneous;

Results not to be recognized by the programme manager as a single result of a given project, but only in combination with at least one other result listed in the list of result types above:

H - results reflected in non-legislative directives and regulations binding within the competence of the respective provider and results reflected in the approved strategic and conceptual documents of the state or public administration.

Budget & eligible costs

The eligible costs are:

- personnel costs (including scholarships)
- subcontracting costs (max. 20% of total eligible costs throughout the whole project period)
- other direct costs (write-offs, protection of intellectual property, operating expense, travel costs)
- indirect costs (overheads) - full cost/ flat rate 25% (indirect costs in the respective year are calculated as 25 % of the sum of the personnel costs and other direct costs in the same year)

These specific categories of eligible costs are defined under Article 17 of the General Terms & Conditions

NOT eligible costs are:

- **Investment costs**
- **VAT**

Funding rates

The aid intensity for each Czech applicant in the project is determined based on the type of entity according to the Regulation (see table below) and at the same time must not exceed the maximum permissible aid intensity for the Czech part of the project, which is **85 % of the total eligible costs**.

Applicant	Industrial research	Industrial research with a bonus for effective collaboration	Experimental development	Experimental development with a bonus for effective collaboration
Small enterprises*	70 %	80 %***	45 %	60 %
Medium-sized enterprises*	60 %	75 %***	35 %	50 %
Large enterprises	50 %	65 %	25 %	40 %
Research Organisations**	100 %***	100 %***	100 %***	100 %***

* Note: An SME is defined in Annex 1 of the Regulation

** Research organisations must satisfy the definition in the Act and the Framework.

*** While respecting the maximum permissible aid intensity of 85 % per project.

Mandatory forms to be submitted (forms available on TA CR's websites)

The Czech applicants are requested to submit

- A Sworn statement of the applicant
- Completed "TA CR Application Form" Excel file (submitted by the main Czech applicant only)*
- if the applicant plans to achieve the "Nmet" type of result (NmetC, NmetA, NmetS), the "Confirmation of the Certification authority for Nmet results" needs to be attached*

- if the applicant plans to achieve the "Patent" type of result, patent search must be substantiated*
- Sworn statement on the consortium composition (needs to be submitted only in case a Czech company is part of the consortium; submitted by the main Czech applicant only)
- Declaration of compliance with the 'Do no significant harm' principle(submitted by the main Czech applicant only)

*All documents proving the eligibility of the Czech applicant (mentioned above) shall be submitted via the TA CR data box (TACR data box ID: afth9xp) within the same deadline as the project proposals.

Please fill in the subject line as: „Horizon2020 - CHIST ERA IV Call 2022 - prokázání způsobilosti - *akronym projektu*"

Intellectual Property Rights

The applicants are required to enter into a contract with their foreign partners (sign a so-called *Consortium Agreement*) which will define the conditions of cooperation on the project where, among other things, they specify the method of allocating rights to the research results, as well as adjustment and management of the rights imported or created during the project's implementation, which are necessary to address the project.

The Recovery Resilience Fund

This call is to be financed by the National Recovery Plan. Applicants must meet additional conditions:

1) The DNSH principle - candidates must comment on all areas of the "Do No Significant Harm principle" via a mandatory annex
2) Digitisation - the project proposal must adhere to at least one of the areas of digitisation (via TACR Application Form)
3) Compliance with publicity (applies to projects under implementation)
4) Conflict of Interest - "By submitting a project proposal, the applicant declares that neither the submission nor the subsequent implementation of the project will create a conflict of interest for the applicant within the meaning of Article 61 of Regulation (EU) 2018/1046 of the European Parliament and of the Council of 18 July 2018."
5) VAT is not an eligible cost

Useful documents and websites
- National rules for Czech applicants - "Podmínky zapojení českého uchazeče - CHIST-ERA Call 2022" (will be available on the TA CR's website)
- TACR International Calls
- EPSILON Programme
- Definitions of supported outcomes (only in Czech)

Open Access to Publications and Research Data Policy

TACR enables researchers to license their research outcomes under open access, but the decision whether to choose open access over copyright is made by the beneficiary, TACR has no preferential policy. More information can be found in the General Terms and Conditions.

Estonia - ETAG

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+372 730 0324

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Margit.Suuroja@etag.ee

Funding Criteria and Regulations

<u>Project Participants</u>

1.1. The Host Institution could be any legal entity that is registered and located in Estonia. The Host Institution (the final recipient) is the applicant to which the grant will be allocated. The Host Institution must confirm to Estonian Research Council (with a confirmation letter after the submission deadline) that the project can be carried out on their premises and that they will employ the Principal Investigator during the proposed project, should the project receive funding.

If the Host Institution is an undertaking, then State aid and de minimis aid must be taken into account.

If the support is State aid or de minimis aid, then support will not be granted to a Host Institution who is subject to a support withdrawal decision pursuant to a previous European Commission decision deeming the aid illegal and incompatible with the common market, if that decision has not been complied with.

1.2 The Principal Investigator is a researcher who acts as the Estonian team leader in the project proposal. The Principal Investigator will be responsible for how the grant is used and how Estonia's part in the project is executed.

The Principal Investigator:

1.2.1 must have an updated public profile in the Estonian Research Information System (ETIS) by the submission deadline;

1.2.2 must hold a doctoral degree or an equivalent qualification. The degree must be awarded at the latest by the submission deadline of the grant application;

1.2.3 must have published at least three articles that comply with the requirements of Clause 1.1 of the ETIS classification of publications, or at least five articles that comply with the requirements of Clauses 1.1, 1.2, 2.1 or 3.1, within the last five calendar years prior to the proposal submission deadline. International patents are equalled with publications specified under Clause 1.1. A monograph (ETIS Clause 2.1) is equalled with three publications specified in Clause 1.1 if the number of authors is three or fewer. If the applicant has been on pregnancy and maternity or parental leave or performed compulsory service in the Defence Forces, or has another good reason, they can request the publication period requirement to be extended by the relevant period of time.

<u>Requested Budget</u>

Research expenses consist of direct costs (personnel costs, travel costs and other direct costs) and subcontracting costs. The research expenses must be used to carry out the project and be separately identifiable.

<u>Direct costs</u>

Personnel costs are monthly salaries with social security charges and all the other statutory costs of the project participants, calculated according to their commitment and in proportion to their total workload at their Host Institution.

Travel costs may cover expenses for transport, accommodation, daily allowances and travel insurance.

Other direct costs are:

- consumables and minor equipment related to the project;
- publication and dissemination of project results;
- organising meetings, seminars or conferences (room rent, catering);
- fees for participating in scientific forums, conferences and other events related to the project;
- patent costs;
- all other costs that are identifiable as clearly required for carrying out the project (e.g. translation, copy editing, webpage hosting, etc.) and comply with the eligible costs.

<u>Subcontracting costs</u> should cover only the additional or complementary research related tasks (e.g. analyses, conducting surveys, building a prototype, etc.) performed by third parties. Core project tasks should not be subcontracted. Subcontracting costs should not be included in the overhead calculation. The activities and budget should be described in the proposal. Subcontracting costs may not exceed 15% of the total requested budget.

Indirect costs are overhead from the personnel costs only, which may not exceed 15% and should cover the general expenses of the Host Institution. Costs for equipment and services intended for public use (a copy machine or a printer that is publicly used, phone bills, copy service, etc.) should be covered from the overhead.

Double funding of activities is not acceptable.

The projects are financed from the Mobilitas program.

State Aid

EU Regulations on State aid and de minimis aid must be taken into account when requesting funding from the Estonian Research Council.

Grant Agreement

If a positive funding decision is made, the Estonian Research Council enters into a grant agreement with the Host Institution. Information on the transnational project must be entered into ETIS once the agreement has been signed.

The Consortium Agreement should be signed at the latest six months after the grant agreement has been signed. If one year has elapsed and the CA has not been signed, the next instalment of funding will not be paid out.

The maximum requested amount is 150.000 EUR per project up to 3 years

Detailed National Eligibility Criteria for grant applications in calls for transnational research projects: https://etag.ee/wp-content/uploads/2022/07/Vastavusnouded-RV-uhiskonkurssidel_30.08.22.pdf

Open Access to Publications and Research Data

ETAG does not have specific policies concerning OA/OD yet, but the policies are in preparation. The costs related to the publication of the results are eligible.

Finland - AKA

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Funding Criteria and Regulations

General

Finnish applicants are recommended to contact the Academy of Finland before proposal submission for the purpose of checking national funding terms and conditions (e.g., national eligibility criteria).

Applicant

In addition to their doctorate, the PI must have other significant scientific merits. Usually, they are a professor or docent-level researcher. In addition, the applicant must have a close connection with Finland to support the implementation of a multi-year project. A PI requesting funding from the Academy of Finland (coordinator or partner) may not participate in more than two proposals.

Funding

The Research Council for Natural Sciences and Engineering plans to grant a maximum of 450,000 euros per project (150,000 euros per year). In general, the conditions and restrictions on Academy Projects apply to the funding. The Academy applies the full cost model in its funding, and the Academy's funding contribution for a project can come to no more the 70% of the total project costs. Funding can be granted to research teams for the purposes of hiring scientific staff, for the acquisition of equipment and supplies, and for other expenses arising, for instance, from researcher mobility and networking activities. The PI's salary costs must not be significant in relation to the project's total costs. For example, a three-year research project must not include more than 4.5 months of the PI's effective working hours. This is equivalent to about 1.5 months a year. Academy funding cannot be used for economic activity. Economic activity is defined as all activity where goods or services are offered on an open market regardless of whether profits are pursued or generated. When an organisation is also engaged in economic activities, separate accounts must be kept of the funding and costs of and the revenue generated by such activities. Finnish partners of projects that have been selected for funding will be invited to submit national application forms through Academy's online system.

The Academy of Finland advises that funding recipients as soon as possible after the funding decision has been made agree in writing between all project partners on the rights of ownership and use of the project's research results. At the launch of the project, the partners should also agree on the rights of ownership and use of the materials and data to be used by the project.

More information on the Academy's general conditions and guidelines for funding: https://www.aka.fi/en/research-funding/apply-for-funding/how-to-use-funding/

Policies and guidelines for research project funding granted by the Research Council for Natural Sciences and

Engineering: https://www.aka.fi/en/about-us/decision-making-bodies/research-councils/research-council-for-natural-sciences-and-engineering/

Open Access to Publications and Research Data Policy

We require that the scientific publications on the results of Academy-funded research projects are open access, and that the research data produced by the projects are made widely available. The degrees of data openness may justifiably vary, ranging from fully open to strictly confidential. More information is provided here: https://www.aka.fi/en/research-funding/responsible-science/open-science/

France - ANR

Agence Nationale de la Recherche
50 avenue Daumesnil
75012 Paris

Anna Ardizzoni
Project manager
+33 1 7809 8084
anna.ardizzoni@anr.fr

Funding Criteria and Regulations

The specific appendix for applicants from France is available at https://anr.fr/CHR4-2022

Open Access to Publications and Research Data Policy

The projects supported by ANR commit to deposit the scientific publications (full text) resulting from the project which they (co-)authored in an open access archive, either at HAL or at a local institutional archive. They must provide a Data Management Plan by 6 months after the project start date. Please refer to the appendix for applicants from France mentioned above for additional guidelines.

Ireland - IRC

The Irish Research Council (IRC)
3 Shelbourne Buildings
Crampton Avenue
Shelbourne Road
Ballsbridge
Dublin 4
D04 C2Y6
www.research.ie

Rose Sweeney
+353 1 2315000
rsweeney@research.ie

Funding Criteria and Regulations

The grants distributed by the Irish Research Council must be administrated by an Irish higher education institution (HEI) that fulfils the Irish Research Councils criteria for an administrating organisation. Eligibility criteria for regular IRC funding programmes apply (www.research.ie). **You must contact IRC prior to submission and submit the budget form found on the Chistera page of the IRC website.**

Who can apply?

Project Leaders (PL) and Principal Investigators (PI) shall be full-time members of the academic staff, either permanent or on temporary contracts of sufficient duration to cover the period of the proposed project, of a third-level institution within the meaning of Section One of the Higher Education Authority Act, 1971 and/or in receipt of public funding as approved by the Minister for Department of Further and Higher Education, Research, Innovation and Science for the purposes of the Free Fees Initiative. Applications will also be accepted from permanent members of the academic research staff at the Economic and Social Research Institute (ESRI) and the Dublin Institute for Advanced Studies (DIAS).

Researchers not formally affiliated with an institution recognised by IRC may be part of a consortium but cannot function as formal project leader (PL) or principal investigator (PI).

Eligible costs

Eligible personnel costs for the purpose of the application must be sought at agreed national rates. These are available at: http://www.iua.ie/research-innovation/researcher-salary-scales/

Total personnel costs must not exceed the following limits over the maximum project duration:

- one or more Postgraduate / PhD Candidate(s): maximum eligible costs per person €93,000
- one or more Postdoctoral Fellow(s): maximum eligible costs per person: €160,000
- one or more senior researcher(s): maximum eligible costs per senior researcher (replacement costs) €126,000

Eligible material costs can include:

- Travel & accommodation & meeting costs
- Costs for knowledge exchange
- All joint publication costs (incl. editing and translation costs)
- Other material costs, equipment where justifiable
- Consumables

The cost of institutional overheads may be included at a rate of up to 20% of overall direct costs less equipment.

Please note that applicants must contact the IRC prior to the submission of their proposal.

Open Access to Publications and Research Data Policy

OA - http://research.ie/assets/uploads/2017/05/irc_open_access_policy_final_1.pdf

IRC does not have a current policy, however our Terms & Conditions refers to the need of an open approach for access data. The IRC endorsed the National Open Research Forum statement on open research in Ireland, including certain stipulations of access data.

Resources on Data Management Plans and FAIR Principles:

• [DMPonline](#), including [templates](#)
• [Science Europe (2018) Practical Guide to the International Alignment of Research Data Management](#)
• [H2020 Programme (2016) Guidelines on FAIR Data Management in Horizon 2020](#)
• [H2020 Programme (2016) Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020](#)
• [OpenAire](#) - The OpenAIRE2020 project
• [FAIR data principles FORCE 11](#)
• [ROAR- Registry of Open Access Repositories](#)
• [OpenDoar](#) – Directory of Open Access Repositories
• Registry of Research Data Repositories

Israel - InnovationAuth

National Technological Innovation Authority
Malha Technology Park,
Derech Agudat Sport Hapoel 2, Jerusalem, 9695102, Israel

Danny Seker
Senior Director Digital, Industry, Space and security for Society
+972-3-5118121
dan@iserd.org.il

Rachel Loutaty

Digital and Industry NCP

Rachel.l@iserd.org.il

Funding Criteria and Regulations

Eligibility criteria:

- The application and eligibility are subject to the "Procedure for Financing Israeli Partners by the Israel Innovation Authority under Sub-Programs for the European Framework Program" (the "Procedure") which will be available online at https://www.innovationisrael.org.il/ > search for CHIST ERA.
- An applicant will need to choose one of the courses of application:
    - Course 1 - Industry
    - Course 5c – Academy (הכוונת ידע)
    - Course 5d – Industry (יבוא ידע)
- Each applicant needs to provide the InnovationAuth a preliminary proposal in a form that may be found at the InnovationAuth site, by the deadline of stage 1 of this call.
- Only applicants that passed InnovationAuth eligibility committee and stage 1 evaluation check will be permitted to pass to stage 2 of the call.
- Applicants that passed to stage 2 will need to provide the InnovationAuth a formal request for the project based on the Procedure, up to 14 days after the closing date of stage 2.
- A single applicant may request a maximum amount of fund based on the course it chose and the maximum fund for the call.

Applicants are advised to contact InnovationAuth **before** submitting applications for this call.

More information will be available online: https://www.innovationisrael.org.il/ > Search for CHIST ERA.

Open Access to Publications and Research Data Policy

Israeli proposers are encouraged to shortly describe in their proposal how research data will be used, stored and shared. Israeli proposers are encouraged to allow open access to scientific publications that had been achieved thanks to national and international public funding, in the frame of CHIST-ERA, yet this is not mandatory.

Latvia – LZP

Latvijas Zinātnes padome (Latvian Council of Science)
Smilšu street 8,
Riga, LV-1050, Latvia
https://lzp.gov.lv/en/

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International Research Programs Unit
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Maija.bundule@lzp.gov.lv   jbalodis@latnet.lv

Funding Criteria and Regulations

Who can apply?
Following legal persons (as defined under the Latvian law) are eligible for funding:
 R&D institutions – state research institutes, universities, higher education establishments, their institutes and research centres etc.,
 Small and medium enterprises.
R&D institutions (research institutes, universities, higher education establishments, research centres etc.) must be listed in the Register of Research Institutions operated by the Ministry of Education and Science of the Republic of Latvia.
Small and medium enterprises must be registered in the Register of Enterprises of the Republic of Latvia and provide most of its R&D&I activities in the Republic of Latvia as well as to provide at least.

What types of costs are eligible for funding?
Direct costs:
  − Personnel costs,
  − Other direct costs such as consumables, equipment (only depreciation costs), materials etc.,
  − Subcontracts (up to 25% of total direct costs),
  − Travels costs.
Indirect costs (can reach a maximum of 25% of the total direct costs).

Type of research funded
Fundamental research, industrial research, and experimental development.

Funding limits for eligible costs
Maximum of 100,000 EUR per project year can be requested by each project participant.
National co-financing rate for project shall be determined in accordance with the Commission's Regulation (EC) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the common market in application of Articles 87 and 88 of the Treaty (General block exemption Regulation).

Any other information relevant to the joint call
The funding of RTD activities is provided pursuant in accordance with the Law on Research Activity (adopted on 14 April 2005 with amendments) and Regulation of the Council of Ministers of the Republic of Latvia No 259 on the procedure for providing support for participation in international cooperation programs for research and technology (adopted on 26 June 2015).

Separate national application required?
No

Open Access to Publications and Research Data Policy

LZP finances and co-finances international research projects and monitors the implementation of these projects, including the principles of data accessibility and publication agreed in concrete project. LZP does not have its own Open Access policy or Open Research Data policy. Agency complies with the rules established at national and European Union level on these issues.

Lithuania - LMT

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Lithuania
www.lmt.lt

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International Programme Unit
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laura.kostelnickiene@lmt.lt

Funding Criteria and Regulations

LMT Eligibility Requirements for applicants based in Lithuania

Who can apply?

• Lithuanian higher education and research institution with Investigator (-s).
• The applicant who intends to act as a Principal Investigator (PI) has to be a scientist (researcher holding at least a Ph.D. degree) and is allowed to apply one proposal per call.
• Industrial partners are allowed to participate only in collaboration with Lithuanian higher education and research institution.

Eligible costs:

Researchers may apply for funding of costs relevant, necessary and directly connected to the proposed research project, including direct costs and overheads.

Direct costs:

• Personnel,
• Subcontracting (services and copyright works),
• Consumables,
• Travel and Subsistence,
• Equipment,
•Other.

Overheads: up to 20% of direct cost.

The workload of the project implementers (PI and PII) of the Lithuanian team must be at least 20 hours multiplied by the duration of the project in months.

The maximum requested amount by project partner is 100.000 EUR and by project coordinator 150.000 EUR per project up to 3 years.

We strongly encourage all applicants to **read information on eligible costs in General Rules for Competitive Funding of Research and Dissemination Projects of the Research Council of Lithuania** (Decision No V-176 of 4/4/ 2019)

Open Access to Publications and Research Data Policy

According to open access provisions of the European Union research and innovation programme Horizon 2020, LMT has developed Guidelines for Open Access to Science Publications and Data (Decision No VIII-2 of 29/2/2016). The purpose of the guidelines is to provide the general principles for open access to scientific publications and data obtained from public funds to Lithuanian research and higher education institutions and researchers carrying out research and dissemination projects.

Luxembourg - FNR

FNR
Luxembourg National Research Fund,
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Funding Criteria and Regulations

Project duration: The maximum amount of requested funding per project is 350.000 EUR for a total period of three years. If the project involves the recruitment of a PhD student, the PhD candidate could be supported for up to four years (see FNR INTER guidelines).

Eligibility of the proposal and applying candidates: All eligibility rules and criteria can be found in the FNR INTER guidelines. As a specific rule for this CHIST-ERA call, Luxembourg PIs are limited to submit one proposal per Luxembourg PI.

Forms to be submitted

Proposals must be submitted by the coordinating institutions' administrations (not by the PI) in electronic format to the online submission system (FNR Grant Management System) the latest 7 days after the deadline as the consortium application is submitted. Please select the "INTER" – "CHIST-ERA" funding instrument when creating the administrative application. The FNR INTER guidelines provide details about the basic administrative data and the documents to be provided.

Proposals invited to the second stage will be able to complete the pre-proposal form and provide information for the full proposal upon validation by the FNR.

General rules and regulations of FNR apply: https://www.fnr.lu/fnr-beneficiaries/how-we-fund-research/

Open Access to Publications and Research Data

The FNR attaches great importance to the impact of research outputs on science, industry, policy making and society in general. To maximise the possibilities for impact of research outputs, results from FNR-(co)funded research are expected to be disseminated via high-quality, peer-reviewed publications that are made freely available (FNR Policy on Open Access to Scientific Publications).

All FNR (co)–funded grants, for which an Open Access Policy applies, that publish a scientific article in 2021 and thereafter, must submit their manuscript through ChronosHub to have their eligible amount of APCs directly paid by the FNR.

Poland - NCN

Narodowe Centrum Nauki
ul. Twardowskiego 16
30-312 Kraków
Poland
https://www.ncn.gov.pl/en

Dr. Anna Wieczorek
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Alicja Dyląg
Senior International Cooperation Officer
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alicja.dylag@ncn.gov.pl

Funding Criteria and Regulations

NCN Eligibility Requirements for CHIST-ERA applicants based in Poland

Only proposals involving basic research (experimental or theoretical endeavours undertaken to gain new knowledge of the foundations of phenomena and observable facts, without any direct commercial use) may be submitted to NCN in response to the call for proposals.

- Who can act as Principal Investigator?

The Principal Investigator in the Polish research team must be at least a PhD holder when submitting a proposal. The principal investigator must be a person employed at the host institution for the project for the entire project duration period pursuant to at least a part-time employment contract. The principal investigator must reside in Poland for at least 50% of the project duration period.

- What are the eligible costs for Polish researchers?

We strongly recommend all applicants to read information on *eligible costs* included in the Annex to NCN Council's Resolution on awarding funding for research tasks funded or co-funded under international calls launched by the National Science Centre and carried out as multilateral collaboration UNISONO.

Applicants can apply for funding for all costs relevant, necessary and directly connected to the proposed research project including:

1. Personnel costs (salaries):
   - full time remuneration: funds for full-time employment of the principal investigator or post-doc(s); Please note, if the principal investigator is also the coordinator of an international consortium submitting a joint proposal a full-time remuneration of PI can be increased.
   - additional remuneration for members of the research team; Please note that if the principal investigator is also the coordinator of an international consortium submitting a joint proposal a budget for additional remuneration can be increased.
   - salaries and scholarships for students and PhD students. Please note: if the principal investigator is also the coordinator of an international consortium submitting a joint proposal the budget for salaries and scholarships for students and PhD students can be increased.
2. Purchase or manufacturing of research equipment, devices and software (the cost of an individual item of equipment must not exceed PLN 500 000);
3. Other costs such as:
   - ✓ Purchase of material and small equipment;
   - ✓ Outsourcing (costs of services rendered by third parties)
   - ✓ Business trips (travel and subsistence costs)
   - ✓ Visits and consultations
   - ✓ Compensation for collective investigators
   - ✓ Other costs crucial to the research project which comply with the Annex to NCN Council's Resolution on awarding funding for research tasks funded or co-funded under international calls launched by the National Science Centre and carried out as multilateral collaboration UNISONO.

EURO exchange rate: 1 EUR = 4,7244 PLN

Please note:

- Applicants are obliged to adhere to the rules included in the Annex to NCN Council's Resolution on awarding funding for research tasks funded or co-funded under international calls launched by the National Science Centre and carried out as multilateral collaboration: UNISONO.
- The rules for awarding NCN scholarships are laid down in the Regulations on awarding scholarships.
- Up to 7 days from the proposal submission deadline Polish applicants must submit their national applications in the OSF submission system. The application will include a budget that should be calculated according to the Annex to NCN Council's Resolution on awarding funding for research tasks funded or co-funded under international calls launched by the National Science Centre and carried out as multilateral collaboration UNISONO.
- If one international project includes partners from two or more different Polish institutions, these institutions apply as a group of entities. Each entity within the group has a separate budget, but the limit on the remuneration applies to the group as a whole (please see: UNISONO). Please note that groups of entities have higher limits on the remuneration.
- Indirect costs must not exceed a maximum of 20% of the total eligible costs and may not be increased during a research project.
- Additionally, indirect costs of up to 2% of direct costs may be spent on Open Access to publications and research data.
- Administrative personnel costs and costs of organisation of conferences must be covered from overheads.
- Personal Data Processing at NCN

Open Access to Publications and Research Data

- Open Access Policy at the NCN
- Data Management Plan requirements

Romania - UEFISCDI

Executive Agency for Higher Education, Research, Development and Innovation Funding
21-25 Mendeleev Str., sector 1
010362 Bucharest
Romania
Fax: +40 21 311 59 92
www.uefiscdi.gov.ro

Domnica Cotet	Cristina Laura Cotet
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domnica.cotet@uefiscdi.ro	cristina.cotet@uefiscdi.ro

Funding Criteria and Regulations

Please check for information: http://uefiscdi.gov.ro/articole/4536/Pachet-de-informatii-ERANETERANET-Cofund.html

Eligible institutions

Eligible entities for funding are universities, public institutions, R&D national institutions, joint-stock companies, SME's and Large companies, NGOs (associations, foundations, etc.), others. Funding rates vary in accordance with state aid legislation.

Eligible costs

- Staff costs;
- Logistics expenses
    - Capital expenditure;
    - Expenditure on stocks - supplies and inventory items;
    - Expenditure on services performed by third parties cannot exceed 25% of the funding from the public budget. The subcontracted parts should not be core/substantial parts of the project work;
- Travel expenses;
- Overhead (indirect costs) is calculated as a percentage of direct costs: staff costs, logistics costs (excluding capital costs and cost for subcontracting) and travel expenses. Indirect costs will not exceed 20% of direct costs.

Budget

The funds allocated from the state budget for the Romanian part of an ERA-NET / ERA-NET project Co-fund are:

- max. 250.000 EUR if Romania is the coordinator of the trans-national project;
- max. 200.000 EUR if Romania is partner in the trans-national project.

Principal Investigators are not allowed to apply for funding in more than one proposal of the CHIST-ERA call 2022.

General regulations

- The Romanian partners awarded in this call are invited to contract under the National Plan for RDI 2015-2020 rules/Subprogram 3.2 HORIZON 2020;
- The Romanian partners awarded in this call should submit an annual report (scientific and financial) to UEFISCDI in accordance with the regulations settled in the funding contract.

Open Access to Publications and Research Data

UEFISCDI gives reimbursement (through funded projects) of taxes payed for open access. UEFISCDI is hub for the open air project and is carrying out a national policy for open access policy for a national level.

Slovakia - SAS

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Štefánikova 49
814 38 Bratislava
Slovak Republic
http://www.sav.sk/?&lang_change=en

Zuzana Panisová
Programme Officer
International Cooperation Department
+421 2 5751 0245
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Funding Criteria and Regulations

Eligibility criteria

Only research Institutes of Slovak Academy of Sciences are eligible organisations for funding (up to 100%). Participation of early career researchers is strongly recommended. Applicants from other organisations or industrial partners can be self-funded consortium members and cannot coordinate the project consortium.

For further details on criteria and SAS procedures see https://oms.sav.sk/wp-content/uploads/Pravidla-pre-schvalovanie-vyskumnych-projektov-MVTS-financovanych-zo-zdrojov-SAV_11-Nov-2021-1.pdf

Funding and project duration

The maximum amount of requested funding per project is **up to 120.000 EUR for a 36 months duration.** Detailed SAS financial rules https://oms.sav.sk/wp-content/uploads/2-Financne-pravidla-na-udelovanie-grantov-SAV-na-medzinarodne-vyskumne-projekty.pdf

Parallel/Additional application submission

SAS participants are requested to submit the document "Declaration to Participate in CHIST ERA Call 2022" within the deadline for submission of the project proposals. For more details, please contact panisova@up.upsav.sk The template may be provided upon request.

Researchers that are partners in projects recommended for funding will be requested to submit an application (MVTS Form A). The SAS Presidium makes the final funding decision. The funded projects are requested to submit consortium agreement and annual financial and scientific reports.

Open Access to Publications and Research Data

SAS does not have specific policies concerning OA/OD and DMP. The costs related to the publication of the results and the data are eligible project costs.

Spain - AEI

Agencia Estatal de Investigación
Subdivisión de Programas Científico - Técnicos Transversales, Fortalecimiento y Excelencia
c/Torrelaguna, 58 bis – planta 6ª
20827 Madrid
+34 916037990

Administrative and technical issues:	Representative:
Watse Castelein	Severino Falcon
+34 9160 38876	
era-ict@aei.gob.es	

Funding Criteria and Regulations

Funding Programme:

Funding Programme: The framework for this funding action is the Plan Estatal de Investigación Científica, Técnica e Innovación 2021-2023. On a national level, the Call will be managed by the Subdivisión de Programas Científico-Técnicos Transversales, Fortalecimiento y Excelencia (STRAN) of the AEI.

Instrument for funding the Spanish groups

The instrument for funding the Spanish groups is "Proyectos de Colaboración Internacional" (Projects of International Collaboration).

The applicants are strongly advised to read the call text of the PCI 2022-1 ("Resolución de 8 de marzo de 2022") and especially the PCI Requirements document

The projects granted under this call must comply with the Do No Significant Harm (DNSH) criteria (see Article 6.4 of the PCI 2022-1)

Data Protection:

By submitting a grant application to the AEI, the applicants consent to communication of the data contained in the application to other public administrations, with the aim of further processing of the data for historical, statistical or scientific purposes, within the framework of the Organic Law 3/2018, of December 5, on Personal Data Protection and Guarantee of Digital Rights.

Funding commitment

Maximum funding for the CHIST-ERA call 2022: 600.000,00 €.

Eligibility criteria

Eligible entities for the AEI funding are:

Non-profit research organizations (such as universities, public research institutions, technological centres and other private non-profit institutions performing RDI activities in Spain), which must comply with the requirements established by this transnational call and with the rules on eligibility defined in the corresponding Spanish national funding instrument "Proyectos de Colaboración Internacional" (PCI) and the PCI Requirements document. The entities must have been previously beneficiaries of any of the AEI calls. They have to ensure contractual relationship with the Principal Investigator (PI) during all the implementation of the project.

Although private enterprises are not funded by the AEI, the Spanish industrial sector is welcome to participate in the transnational consortia using their own funds or obtaining funds from the CDTI or other innovation and technological development funding agencies.

Additional eligibility criteria

Principal Investigators (PIs) requesting funding to the AEI must:

- Be eligible to the corresponding PCI call and the PCI Requirements document
- Demonstrate experience as investigators in projects funded by the different Plan Estatal I+D+i: 2013-2016, 2017-2020, 2021-2023, ERC Grants, European Framework Programmes or other relevant national or international programmes.

Incompatibilities: These must be taken into account when participating in different ERA-Nets or other international initiatives.

- PIs are not allowed to apply for funding in (i) more than one proposal of this transnational call, (ii) in more than one proposal in the same PCI call and (iii) in PCI calls in consecutive years.
- PIs must remain unchanged between the proposal to this transnational call and the corresponding PCI call should the proposal be recommended for funding.

Important: The applicants should include the PI's full name and the full name of their institution in the original

Eligible costs

- Research and innovation activities are eligible. Mere dissemination, communication or other similar activities will not be eligible
- Personnel costs for new temporary employment contracts are eligible. The costs of permanent staff linked to the beneficiary entity or members of the research team will not be considered eligible costs.
- Direct costs such as current costs, small scientific equipment, disposable materials, travelling expenses, coordination costs and other costs that can be justified as necessary to carry out the proposed activities.
- Overheads (21% of all direct costs, including the subcontracting costs).
- Subcontracting special tasks to EU and non-EU countries (i.e. IT services, etc) is allowed within the limits legally established.

The AEI will avoid double funding (overlapping with other EU or National funding) and will not grant projects or parts of projects already funded.

Funding rates

IMPORTANT: a maximum of two Spanish Partners requesting funding to the AEI in the same Proposal are allowed.

The following **funding limits** (including direct + 21% indirect costs) **are** considered eligibility criteria. Proposals not respecting these limits could be declared ineligible.

- If the consortium is NOT COORDINATED by an AEI applicant and
  - there is only one AEI-applicant in the proposal: max. € 200.000
  - there are two AEI-applicants in the proposal, the amount for both Partners is: max. € 250.000
- If the consortium IS COORDINATED by an AEI applicant and:
  - there is only one AEI-applicant in the proposal acting as Coordinator: max. € 300.000
  - there are two AEI-applicants in the proposal and one of them is acting as Coordinator, the amount for both Partners is: max. € 350.000

IMPORTANT:

- a maximum of two AEI-applicants in the same proposal are allowed;
- the direct costs in the application must be rounded to the thousands;
- These amounts refer to 3 years projects. In case of shorter projects, the amount will be adjusted accordingly

Other Funding Criteria

- Centres formed by different Spanish legal entities will be considered as a unique entity, and thus the maximum funding should not exceed the limits per proposal established above (for example mixed centres).
- Two centres or institutions belonging to the Consejo Superior de Investigaciones Científicas (CSIC) will be treated as two separate partners one from another when one of them is acting as Coordinator of the proposal and their tasks and identity in the project are sufficiently separated and justified.

The final funding will take into account the transnational evaluation of the collaborative proposal, the scientific quality of the Spanish group, the added value of the international collaboration, the participation of the industrial sector, and the financial resources available.

Mandatory acknowledgement

Any publication or dissemination activity resulting from the granted projects must acknowledge funding by the Agencia Estatal de Investigación: "Project (reference nº XX) funded by the Agencia Estatal de Investigación through the XXX call (or its equivalent)".

Open Access and Open Data policy

Applicants should comply with Open Access/Open Data specified in the respective PCI call or equivalent. The results of the funded research actions, including both the results disseminated through scientific publications and the data generated in the research, must be available in open access, with the exceptions indicated in the PCI call or equivalent.

Switzerland - SNSF

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Unit Mathematical, Natural and Engineering Sciences
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Scientific Officer
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Funding Criteria and Regulations

Projects must comply with SNSF Project Funding regulations and practices.

In particular, all Swiss applicants and co-applicants must be eligible for Project Funding, see also the Regulations on project funding. Swiss applicants who have not previously obtained a Project grant in division II are encouraged to contact the National Contact Point.

Partners of the international project consortium applying for funding at other funding agencies than the SNSF cannot be declared as project partners in the sense of article 11.2 of the SNSF Funding Regulations. They should be declared as consortium partners instead and apply for their funding at their respective research funding organisation. In case a consortium includes industrial or commercial partners (outside Switzerland), a confirmation of non-commercial goals must be provided in case the project is approved as a condition for the release of funds.

Article 17, cl. a, of the SNSF Funding Regulations only applies in the sense that proposals with overlapping funding periods are only approved if the research projects pursue different goals in the context of this European programme than any ongoing projects by the same applicant.

Article 7.3 of the Regulations on project funding applies. Swiss applicants may participate in at most one CHIST-ERA proposal.

Grants will be managed according to standard SNSF rules; reporting requirements duplicating those of CHIST-ERA will not be enforced. Follow-up applications may not be submitted.

Forms to be submitted

Applicants must provide basic administrative data by submitting an administrative application in mySNF for the same deadline as the consortium application is submitted. Please select the "Programmes/ERA-NET". Prior contact is highly recommended if PI has never been supported by reference funding scheme.

Open Access to Publications and Research Data

Since October 2018, any publication based on research funded by the SNSF must be published in Open Access, with the possibility of adopting the Green Road (maximum embargo of 6 months for articles and 12 months for books/book chapters). The SNSF covers the costs for publishing in Open Access through a dedicated platform. Further details can be found at https://www.snf.ch/en/VyUvGzptStOEpUoC/topic/research-policies.

Since 2017 all funded proposals need to submit a DMP before the start of the project. In particular, research data is expected to be archived on FAIR data repositories. No funds will be transferred without submitting a consistent DMP. Further details can be found at https://www.snf.ch/en/dMILj9t4LNk8NwyR/topic/research-policies.

Taiwan - NSTC

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Taipei 10622
Taiwan
R. O. C
https://www.nstc.gov.tw/?l=ch

Ching-Mei, Tang
Program Director
Department of International Cooperation and Science Education
+886-2-2737-7557
cmtom@nstc.gov.tw

Funding Criteria and Regulations

Eligibility Criteria

In compliance with the NSTC's regulation 'Operation Guidelines for NSTC Research Grants':

- ☐ **Applicant institutions** (i.e., research conducting institutions) shall be approved by NSTC to be eligible recipients of subsidisation in accordance with the 'Operation Guidelines for Institutions Applying for NSTC Grants'. The eligible institutions are classified into three categories as follows:
    1. Taiwanese public/private colleges and universities.
    2. Taiwanese public/private research institutions.
    3. Taiwanese Medical institutions.

- ☐ **Principal Investigator(s)** must meet several qualifications. For more information about the qualifications please refer to:
  https://www.nstc.gov.tw/folksonomy/list/f6d5c23c-b3ce-438e-911b-12a705dbac5a?l=ch
- ☐ **In principle,** the NSTC (Taiwan) does not directly subsidise the industry.

Funding Criteria

Taiwanese project partners shall submit a proposal to the NSTC for national financing after the project has been selected and approved for funding through the CHIST-ERA evaluation and selection process. The proposals are required to be submitted to NSTC for funding as soon as possible as the internal process of the NSTC generally takes 6 months. The max. amount per year per project is €90,000.00, depending on the change of course. The decision regarding the exact amount is subject to the result of the NSTC's internal reviews. For more about the budget requirements of the project based on which applicants can apply to NSTC for funding, please refer to:

https://www.nstc.gov.tw/folksonomy/list/f6d5c23c-b3ce-438e-911b-12a705dbac5a?l=ch

Open Access to Publications and Research Data

NSTC does not have any specific policies concerning OA/OD. Therefore, the decision whether to choose open access over copyright should be made by the beneficiaries themselves. The costs directly related to the project including the publications can be reimbursed by the conducting institutions. Taiwanese PIs are encouraged to follow CHIST-ERA's policy on open access to publications and research data at every stage.

Türkiye - TÜBITAK

TÜBITAK
TUBITAK Framework Programmes National Coordination Office
TUBITAK Baskanlık Tunus Caddesi No.80 Kavaklıdere
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Funding Criteria and Regulations

Selected proposals will be funded under:

TÜBITAK 1071: Support Programme for Increasing Capacity to Benefit from International Research Funds and Participation in International R&D Cooperation

http://www.tubitak.gov.tr/sites/default/files/242bk-ek2_0.pdf

In addition to international submission, Turkish partners also need to complete their national submissions to TÜBİTAK. Typically, national submissions will be closed within a week after the deadline of international submissions. The application procedure will be published on the webpage: https://ufukavrupa.org.tr/en

Researchers are encouraged to contact call representative for Türkiye (i.e Özlem GEZİCİ KOÇ) before the submission of their project proposal.

Open Access to Publications and Research Data

The management, storage, archiving, compilation and digital preservation of the publications and research data produced by the projects carried out or supported by TUBITAK constitute the framework of TUBITAK Open Science Policy.

The Green Road Open Access requirement has been adopted with the agreement of the Open Science Policy and it has been deemed appropriate to implement the policy to pilot programs in 2019 and to all support programs in 2020.

TUBITAK is committed to providing continuous open access to scientific publications and research data. For this purpose, the publications produced from the projects supported by TUBITAK must be uploaded to TUBITAK Open Archive that provides service under the name Aperta (https://aperta.ulakbim.gov.tr/). It is recommended that the research data of these publications should be open access.

TUBITAK has prepared the "Research Data Training Portal" (https://acikveri.ulakbim.gov.tr/) where sample data management plans are shared to assist the researchers in data management and sharing.

Kindly refer to TUBITAK Open Science Policy [PDF] for details.

United Kingdom - UKRI

United Kingdom Research and Innovation
Polaris House
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https://www.epsrc.ukri.org

Dr Rachel Lamb
Portfolio manager for Information and
Communication Technologies
Rachel.Lamb@epsrc.ukri.org

Funding Criteria and Regulations

For UK applicants, the standard UKRI eligibility criteria apply. See the Funding guide on the EPSRC website: https://epsrc.ukri.org/funding/applicationprocess/fundingguide/

Only Research organisations that can apply to UKRI (excluding Innovate UK), are eligible to apply.

The maximum amount that can be requested from the UK on one project is €350.000. This is the 80% value that can be requested from EPSRC and should be included as 'requested funding'.

PhD studentships cannot be included.

Open Access to Publications and Research Data

Open Access

The UKRI Policy on Open Access aims to achieve immediate, unrestricted, on-line access to peer-reviewed and published research papers, free of any access charge. Our vision is for all users to be able to read published research papers in an electronic format and to search for and re-use (including download) the content of published research papers, both manually and using automated tools (such as those for text and data mining), provided that any such re-use is subject to full and proper attribution.

From 1st April 2013 the payment of Access Publication Charges and other publication charges related to Research Council-funded research are supported through UKRI Open access block grants provided to eligible research organisations. APCs and other publication charges relating to peer-reviewed research papers can no longer be included within research grant applications. The policy applies to:

- peer-reviewed research articles submitted for publication on or after 1 April 2022
- monographs, book chapters and edited collections published on or after 1 January 2024.

See https://www.ukri.org/manage-your-award/publishing-your-research-findings/making-your-research-publications-open-access/ for a summary and https://www.ukri.org/publications/ukri-open-access-policy/ for full details.

Open Data

UKRI is strongly committed to opening up research data for scrutiny and reuse, to enable high-quality research, drive innovation and increase public trust in research.

UKRI supports the principles in the Concordat on Open Research Data (https://www.ukri.org/files/legacy/documents/concordatonopenresearchdata-pdf/) that recognise that research data should wherever possible be made openly available for use by others in a manner consistent with relevant legal, ethical, disciplinary and regulatory frameworks and norms, and with due regard to the cost involved.

The Concordat was developed by a UK multi-stakeholder group to provide expectations of best practice reflecting the needs of the research community.

Please set here for our policy on research data https://www.ukri.org/about-us/epsrc/our-policies-and-standards/policy-framework-on-research-data/#contents-list, and here for additional information around making this data open access https://www.ukri.org/manage-your-award/publishing-your-research-findings/making-your-research-data-open/.