chist·era

Call 2020 for Research Proposals

Supporting the topics of

Advanced Brain-Computer Interfaces

for Novel Interactions

And

Towards Sustainable ICT

Deadline:	**1 March 2021, 17:00 CET**
Documents and procedures:	http://www.chistera.eu
Call information:	Anna Ardizzoni +33 1 7809 8084 anna.ardizzoni@anr.fr
Indicative budget:	Approx. 11.5 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 Horizon 2020 FET programme of the EU

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 the European Union's Future & Emerging Technologies (FET) 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:	Advanced Brain-Computer Interfaces for Novel Interactions (BCI) Towards Sustainable ICT (S-ICT)
Indicative budget:	Approx. 11.5 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: Belgium, Bulgaria, Québec (Canada), Czech Republic, Finland, France, Hungary, Ireland, Israel, Latvia, Lithuania, Luxembourg, Poland, Romania, Slovakia, Spain, Switzerland, Turkey, 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

1 March 2021, 17:00 CET	Deadline for proposal submission
July 2021	Notification of accepted proposals
October 2021	First possible start date for accepted projects

Table of Contents

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 the area of ICT and ICT-based sciences. Through this instrument, the national/regional funding organisations of CHIST-ERA support and join the Horizon 2020 Future and Emerging Technologies (FET) 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 and process modelling for smart industry, analog computing for artificial Intelligence and smart computing in networks, explainable artificial intelligence and ICT for environmental sustainability.

This year's call concerns the following topics:

1. **Advanced Brain-Computer Interfaces for Novel Interactions (BCI);**
2. **Towards Sustainable ICT (S-ICT).**

An online workshop was held on 29-30 September 2020, 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 FET-like nature 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 Access policy of CHIST-ERA (see p. 8).

To widen participation throughout Europe, CHIST-ERA projects are encouraged to include partners from the so-called Widening Countries participating in the call: Bulgaria, Czech Republic, Hungary, Latvia, Lithuania, Luxembourg, 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 young researchers, ambitious high-tech SMEs etc. Participation of research end-users (including industry) is encouraged where relevant.

1st Topic: Advanced Brain-Computer Interfaces for Novel Interactions (BCI)

The challenge is to improve Brain Computer Interfaces (BCIs) as they become an increasingly explored technology most notably in the healthcare sector. BCIs obtain, analyse and relay brain signals in order to carry out a specific action. Challenges with BCIs include the quality of brain signal received by the interface, variability in test subjects, lack of co-creation with users and data capturing. In addressing these, the applications of BCIs will be able to move beyond human-computer interactions but also include human to human interactions and human to object interaction. Currently, active BCIs (i.e., where the application is directly oriented towards the task the user is trying to accomplish), are the mainstay in BCI technology. But there is an opportunity for passive BCIs (i.e., where the application is not directly related to the task the user is performing), which can enhance human computer interaction, to be developed and push the technology into novel interactions and application sectors.

Target Outcomes

- Focus on user experience: In order to push BCIs out of the laboratory, the experience of the user needs to be met. Co-creating with end-users could increase intuitiveness, user training and comfort
- Low power wearables: Increasing complexity means increased power consumption. This trade off needs to be carefully managed with efficiency and sustainability considered
- Better signal processing; improving the signal to noise ratio. Ensuring only relevant and reliable signals are captured. These signals should be clear and easily discernible from noise. Weak signal quality can be countered with better signal processing, especially where non-invasive modalities are used
- Acquisition of large datasets: In order to use Artificial Intelligence to develop better algorithms

Applicants should also consider the following:

- Patient/public citizen engagement in order to improve the acceptability of BCIs
- Interdisciplinary approach, i.e. involving clinicians in clinical relevant BCI development, or working with digital signal processing engineers to improve the robustness of signals

Expected Impact

- New BCI paradigms that allow for ambitiously novel, intuitive, real or virtual interactions; Modelling of inter/intra-variability of subject response to BCI; Improved acceptability of BCIs alongside efficiency; Multi modal methodologies for augmented accuracy and usability
- Openly shared data, in particular large datasets, in order to unify/standardise protocols and help build momentum beyond the project consortia. Promoted reusability of datasets and addressed privacy issues
- Participation throughout Europe by involving partners from the Widening Countries
- Reinforced innovation capacity across Europe by involvement of key actors, for example young researchers, high-tech SMEs or first-time participants

2nd Topic: Towards Sustainable ICT (S-ICT)

The increasingly complex nature of ICT has gone hand in hand with an increase in its energy demands. It is predicted ICT will consume up to 20% of the world's electricity consumption by 2030. Across the entire industry, from cloud computing to wireless networks, from the manufacture of hardware (devices) to the extraction of natural resources, and finally, disposal. Each stage of the pipeline contributes to the energy consumed and pollution released by ICT.

Sustainability needs to be applied across to all areas of ICT and bring about an overall reduction the negative impact ICT has on the environment. Harnessing novel approaches to modelling, materials, manufacturing and power management are all necessary to bring this to fruition. E-waste is also a major consequence of fast-moving developments in ICT, moving towards recyclable and modular devices that can be reused and/or repaired will lessen the burden on nations that take in the discarded electronics.

Faster computing is driven by industrial and consumer demand; therefore, it is equally important that end users are aware of the negative environmental impacts associated with ICT use.

The systemic nature of ICT means it is ideally placed to undergo a complete reformation in its practices and this is what this call for research proposals in sustainable ICT and all its frugality aspects hopes to initiate.

Target Outcomes

- Reduction of e-waste through the use of organic materials and moving away from rare earth metals
- Wireless power management and optimising wireless networks
- Improved the efficiency of mmWave technologies
- Improvements to the modelling of power consumption with links to AI
- Recyclable components, modular devices and extended lifetimes – designed for disassembly and repairability
- Consideration of both energy and natural resources consumption

Expected Impact

- Novel sustainable device manufacturing paradigms; Power consumption not only related to devices but their manufacturing, data traffic and power used to dispose of the device; Increased computing power without increased power consumption
- R&I stakeholders and end users awareness of the ICT footprint (energy, resources, carbon, e-waste) to foster sustainable ICT; Influence and unified policies on sustainable ICT
- Cross traditional boundaries between disciplines in order to strengthen the community involved in tackling these new challenges. A broad range of disciplines needed to cover the breadth of this topic should be considered and could include expertise and skills in ICT, material, energy, behaviour modelling, sustainability policies, among others
- Widened participation throughout Europe by involving partners from the Widening Countries
- Reinforced innovation capacity across Europe by involvement of key actors, for example young researchers, high-tech SMEs or first-time participants

Open Access to Publications and Research Data Policy

In CHIST-ERA, we believe that any research supported by public funds should be immediately available to all the researchers and 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 recently 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 publications and research data, as well as constantly improving the transparency of the CHIST-ERA research evaluation 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 wrong 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)[1].

1. Open Access to Publications

The publications funded by CHIST-ERA must be available in Open Access. This can be achieved via the *Green* or the *Gold Routes.*

   a. Green Route: Publications are deposited in an open archive without any embargo.
   b. Gold Route: Research is published in an OA journal[2].

Possible Open Access costs shall be covered through the relevant CHIST-ERA Parties (funding organisations) and, if relevant (see table p. 10), already planned within the requested budget.

2. Open Access to Research Data

The data underlying a publication funded by CHIST-ERA must be openly[3] available on a repository that enables Findable Accessible Interoperable Re-usable (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)*"[4]. It is the necessary material that is commonly accepted in the scientific community as necessary to document, validate and reproduce research findings.

Correspondingly, CHIST-ERA-funded researchers are expected to appropriately store the data produced throughout the project, share it with the scientific community and deposit the data and metadata onto a FAIR-enabling data repository. In addition, the research data must be made available at latest with the publication of the corresponding research work in a citeable form and appropriately linked to the latter, with a reference to the CHIST-ERA funding support.

---

[1] https://sfdora.org/. CHIST-ERA is a signatory of the DORA declaration
[2] 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
[3] Following the principle „as open as possible, as closed as necessary"
[4] https://www.ukri.org/files/legacy/documents/concordatonopenresearchdata-pdf/

For data that cannot be shared for a legitimate reason [5] and/or by the publication date, the specific clause as well as the conditions under which the data can be accessed must be provided in the Data Management Plan.

Open Access to research data costs (data preparation, sharing, etc.) shall be covered through the relevant CHIST-ERA Parties (funding organisations) and, if relevant (see table p. 10), already planned within the requested budget.

To match the objectives of Open Access, data management requires appropriate consideration from the project proposal preparation to the project end and beyond. For this purpose, each project is the subject of a Data Management Plan that must be submitted to CHIST-ERA at latest three months after the beginning of the project via an online platform. The Data Management Plan is a living document and it is the responsibility of the project to update it within the same platform (at least once per year), along with the preparation of the yearly project activity report.

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 project 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 (publications);
b. Adapting the consortium budget to cover for the Open Science costs, given the available opportunities offered by the CHIST-ERA partners;
c. Coordinating the submission and update of the project Data Management Plan.

---

[5] Exception is research bound by legal, ethical, copyright, confidentiality constraints, obligation to protect results, security obligations, or other legitimate constraints

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

| Country | Organisation | Policy at National/Regional Level | | Financial Support Eligibility (as of October 2020) | | | |
		Open access to publications	Open access to research data	Article Processing Charges	Book Processing Charges	Book Chapter Processing Charges	Open Research Data Sharing on Data Repositories
Belgium	F.R.S.-FNRS	Yes	No	✓			No
Belgium	FWO	Yes	No				Yes
Bulgaria	BNSF	No	No				No
Czech Republic	TACR	No	No	✓			Yes
Finland	AKA	Yes	Yes	✓	✓	✓	Yes
France	ANR	Yes	Yes	✓			Yes
Hungary	NKFIH	Yes	Yes				No
Ireland	IRC	Yes	No				No
Israel	InnovationAuth	No	No				No
Latvia	VIAA	No	No	✓			No
Lithuania	LMT	Yes	Yes	✓	✓		No
Luxembourg	FNR	Yes	No	✓			Yes
Poland	NCN	Yes	Yes	✓	✓	✓	Yes
Québec (Canada)	FRQNT	Yes	No	✓	✓	✓	Yes
Romania	UEFISCDI	No	No				No
Slovakia	SAS	No	No	✓			No
Spain	AEI	Yes	Yes	✓	✓	✓	Yes
Switzerland	SNSF	Yes	Yes	✓	✓	✓	Yes
Turkey	TÜBITAK	Yes	No				Yes
United Kingdom	UKRI	Yes	Yes	✓			No

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 2020.

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 2020, in case of ex-aequo projects, if not all can be selected due to lack of funding, the Call Steering Committee will prioritise those projects including Widening Countries. In general, the project consortia are strongly encouraged to include partner(s) from the Widening Countries able to strengthen the quality and add value to the proposal.

The participating Widening countries to the Call 2020 are: Bulgaria, Czech Republic, Hungary, Latvia, Lithuania, Luxembourg, 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 (CSC) 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 CSC 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 CSC (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 CSC funding recommendation.

Tentative Timeline

1 March 2021, 17:00 CET	**Deadline for proposal submission**
July 2021	Notification of accepted proposals
October 2021	First possible 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. 20 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.

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 point(s). The full list of eligibility rules can be found in the corresponding national/regional annex (p. 20 and following).

In particular, be aware that some funding organisations require that:

- Eligibility of partners is checked with them prior to applying;
- Additional documents are submitted to them.

In order not to jeopardize the whole consortium, partners should ensure that no doubts exist about the eligibility of their institution (university, academic institution, industry, end user, standard organisation), the eligibility of their PI (permanent staff, position secured for the duration of the project, retirement before the end of the project etc.), 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 January 2021.

** 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 BCI	Topic 2 S-ICT	Budget (M€) *	Expected NB of projects *	Limits on amount which may be requested (K€) *	Contact prior to submission **	Additional forms **	Industrial partners eligible for funding **	Contact(s)
Belgium	F.R.S.-FNRS	Yes	Yes	0.30	2	150 K€ per project	Recommended	Yes	No	Florence.quist@frs-fnrs.be Joel.groeneveld@frs-fnrs.be
Belgium	FWO	Yes	Yes	0.35	1	350 K€ per project	No	No	No	eranet@fwo.be
Bulgaria	BNSF	Yes	Yes	0.30	3	100 K€ per project	Yes	Yes	No	Aleksandrova@mon.bg
Czech Republic	TACR	Yes	Yes	1.00	2-5	-	No	Yes	Yes	Michaela.Kriklanova@tacr.cz
Finland	AKA	Yes	Yes	1.00	2-4	450 K€ per partner	Recommended	No	No	Katrine.Mahlamaki@aka.fi
France	ANR	Yes	Yes	2.00	7-8	350 K€ per project	Yes	No	Yes	Anna.Ardizzoni@anr.fr
Hungary	NKFIH	Yes	Yes	0.60	4	150 K€ per partner	Recommended	No	Yes	Edina.Nemeth@nkfih.gov.hu
Ireland	IRC	Yes	Yes	0.15	1	150 K€ per project	Yes	Yes	No	RSweeney@research.ie
Israel	InnovationAuth	Yes	Yes	0.50		-	Yes	Yes	Yes	Rachel.L@iserd.org.il
Latvia	VIAA	Yes	Yes	0.42	2	70 K€ per project year per partner	No	No	Yes	Maija.Bundule@viaa.gov.lv
Lithuania	LMT	Yes	Yes	0.10	1	100 K€ per project	Yes	No	Yes	Laura.Kostelnickiene@lmt.lt
Luxembourg	FNR	Yes	Yes	0.35	1	350 K€ per project	No	Yes	No	Helena.Burg@fnr.lu
Poland	NCN	Yes	Yes	0.50	2	-	Yes	Yes	Yes	Alicja.Dylag@ncn.gov.pl Anna.Wieczorek@ncn.gov.pl
Québec (Canada)	FRQNT	Yes	Yes	0.39	2	195 K€ per project	Yes	Yes	No	Laurence.MartinGosselin@frq.gouv.qc.ca
Romania	UEFISCDI	Yes	Yes	0.5	2	200 K€ per project, 250 K€ if coordination	No	No	Yes	Cristina.Cotet@uefiscdi.ro

Country	Funding organisation	Topic 1 BCI	Topic 2 S-ICT	Budget (M€) *	Expected NB of projects *	Limits on amount which may be requested (K€) *	Contact prior to submission **	Additional forms **	Industrial partners eligible for funding **	Contact(s)
Slovakia	SAS	Yes	Yes	0.12	1	120 K€ per project	Yes	Yes	No	Panisova@up.upsav.sk Cernakova@up.upsav.sk
Spain	AEI	Yes	Yes	0.5	2-4	150 K€ per project	No	No	No	era-ict@aei.gob.es
Switzerland	SNSF	Yes	Yes	1.0	3-5	-	Recommended if first-time PI for reference funding scheme	Yes	Yes	chistera@snf.ch
Turkey	TÜBİTAK	Yes	Yes	0.6	5-7	Approx. 100 K€ per project	Yes	Yes	Yes	Utku.Cetin@tubitak.gov.tr
United Kingdom	UKRI	No	Yes	1.096	3	350 K€ per project	No	No	No	Maryam.Crabbe-Mann@epsrc.ukri.org, and cc ICT.Theme@epsrc.ukri.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 2020 newsletter, information webinars, FAQ, Partner Search Tool 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 according to the following criteria:

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 science-enabled technology;*
- *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 of the proposed research and plausibility and flexibility 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);*
- *The transformation of technology and/or society.*

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);*
- *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.

The proposals have to meet the threshold in each criteria, otherwise are not considered for funding. Minimum overall score is 21 out of 30.

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 coordinator receive the selection decision and the consensus report, who in turn is 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.

Ethics

To ensure that all research activities carried out under CHIST-ERA are conducted in compliance with fundamental ethics principles, ethics risks of the selected projects will be assessed by experts before the start of the project.

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 and Open Access to Publications and Research Data

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.

Granting open access to publications and research data is a requirement (see full description at p. 8-9). Applicants can benefit from available support at national/regional level (see p. 10 and annex).

Project Modification

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

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

Contact Point

Dr. Florence Quist
Scientific Officer

+32 2 504 93 51
florence.quist@frs-fnrs.be

Joël Groeneveld
Senior Policy Officer

+32 2 504 92 70
joel.groeneveld@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).

Belgium (Flanders) - FWO

The Research Foundation - Flanders
Egmontstraat 5
1000 Brussel
België
www.fwo.be

Contact Point

Toon Monbaliu
Advisor Research Affairs

eranet@fwo.be
+32 (0)2 550 15

Funding Criteria and Regulations

The FWO participates with its ['research projects'](#) funding scheme, which implies the funding of basic/fundamental research (lowest TRLs). However, these ERA-NET projects only have a 36 months runtime and also the budgetary regulations differ; see below.

It is advised to contact the FWO administration, before submission, in order to verify the researchers' eligibility and avoid the ineligibility of the project proposal/consortium as a whole. Additionally, we ask researchers to inform their host institution (research coordination units (DOCs)) about their participation, for administrative purposes. Contact information can be obtained at the FWO contact point for this call.

Who can apply?

In order to be eligible for FWO-funding, researchers have to comply – amongst others - with Articles 10 and 11 of the [research project regulations.](#) PI's in this call should have a permanent or so called 'ZAP position' and be appointed at an eligible main host institution.

A researcher can be included/participate in maximum two different consortia/projects in this call, with different topics. Further, no additional limitations are in place, and thus no interference exists when it comes to the 'national projects' and the projects running/applied for under this framework.

What are eligible costs for researchers?

Funding money can be used for staff (temporary; permanent staff cannot be justified on FWO budget), consumables (incl. travelling) and equipment. The minimal and maximal allowed funding amounts per cost category, as applicable for the regular FWO-projects, are not applicable for the projects funded by FWO in ERA-NET.

The maximum amount that can be requested per project is 350.000 EUR, a mandatory 6% overhead cost included. This overhead cost of 6% on the applied for budget needs to be inserted in the overhead category from the budget table and is calculated by applying a 6% structural overhead rate on the direct costs (personnel, consumables, travel, equipment, etc.). The sum of the direct costs and this overhead cost together form the 'total requested budget', which may not exceed 350.000 EUR.

Per international consortium an amount of max. 1x 350.000 EUR is available from FWO, independent of the number of researchers applying for funding at FWO (e.g. collaboration 2 Flemish institutions: PI from institution 'X' (and partner 2 in consortium), co-PI from institution 'Y' (and partner 3 in consortium)). Additionally, it is not allowed that one and the same researcher applies for a part of the budget at different funding authorities (e.g. matching funding) for the same project.

More information about ERA-NET and FWO can be consulted online, on the [FWO-website.](#)

Open Access to Publications and Research Data Policy

FWO DMP procedure: https://www.fwo.be/en/the-fwo/organisation/data-management-plan/

Open Access: https://www.fwo.be/en/general-regulations/

§2 Following the Berlin Declaration of 2003 for the promotion of free access to scientific knowledge and cultural heritage, beneficiaries of FWO fellowships, grants and projects must deposit the publications resulting from the FWO subsidies, in a public "Open Access" database, within one year from the date of publication, in order to effect greater impact and valorisation of their work. Researchers are also advised to publish their other publications in such an "Open Access" database, the so-called "Open Archives", together with the research data that resulted in these publications.

Bulgaria - BNSF

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

Contact Point

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 does not have specific policies concerning Open Science. The costs related to the publication of the results are eligible.

Czech Republic - TACR

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

Contact Point

Michaela Křiklánová
Project Manager

+420 234 611 630
michaela.kriklanova@tacr.cz

Funding Criteria and Regulations

Eligible projects for TACR

- 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
- 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 2017, 2018, 2019

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

Eligible applicants for TACR

- Enterprises (according to Annex 1 of the Regulation)
- Research organizations (according to Article 2 paragraph 83 of the Regulation)
- Enterprises who act as natural persons according to Annex 1 of the Regulation engaged in an economic activity pursuant to Act no. 455/1991 coll. on Trades (Trade Act)

TACR 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 2017, 2018, 2019 in the respective register - the so-called "Veřejný rejstřík"

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-day period to make a contract + 60-day 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

Investment costs are NOT eligible in this joint call

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

The Czech applicants are requested to submit:

- A Sworn statement of the applicant;
- Completed "TACR Application Form" Excel file;
- if the applicant plans to achieve the "NmetS" type of result, the "Confirmation of the Certification authority for NmetS results" needs to be attached
- if the applicant plans to achieve the "Patent" type of result, patent search must be substantiated

All documents proving the eligibility of the Czech applicant (mentioned above) shall be submitted via the TACR data box (TACR data box ID: afth9xp) within the same deadline as the project pre-proposals. Please fill in the subject line as: „Horizon2020 - CHIST ERA IV Call 2020 - 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.

Useful documents

- TACR International Calls

- CHIST-ERA Call 2020 website

- TACR Partnering Tool

- EPSILON Programme

- definitions of supported outcomes (only in Czech)

- Funding rules for the Czech applicant for ERA-NET cofund (available on the TACR website)

- The *Guide for the Czech applicants* will be available on the TACR website 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

Finland - AKA

Academy of Finland
Hakaniemenranta 6, 00530 Helsinki, Finland
http://www.aka.fi/
+358 295 33 5000

Contact Point

Katrine Mahlamäki
Science adviser

+358 295 33 5062
katrine.mahlamaki@aka.fi

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. 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

Contact Point

Anna Ardizzoni
Project manager

+33 1 7809 8084
anna.ardizzoni@anr.fr

Funding Criteria and Regulations

The specific appendix for applicants from France will be available by end January on the website of ANR: http://www.anr.fr/AAPProjetsOuverts.

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 are encouraged to opt for an open access scientific journals. And they must provide a Data Management Plan by 6 months after the project start date.

Hungary - NKFIH

National Research, Development and Innovation Office
Kéthly A. tér 1.
1077 Budapest
Hungary

Contact Point

Edina Nemeth
National Contact Point for ICT & FET

+36 70 221 0387
edina.nemeth@nkfih.gov.hu

Funding Criteria and Regulations

The specific call for proposals for applicants from Hungary participating in ERA-NETs is available on the website of NKFIH https://nkfih.gov.hu/.

The conditions for the call for ERA-NET COFUNDs (2019-2.1.7-ERA-NET) are applicable. For details see:

https://nkfih.gov.hu/palyazoknak/nkfi-alap/era-net-ejp-cofund-2019-217-era-net/palyazati-felhivas-2019-217-era-net

Open Access to Publications and Research Data Policy

Please refer to the national ERA-NET call mentioned above for the open access to publications and research data policy.

Ireland - IRC

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

Contact Point

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.**

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 Sport Hapoel 2, Jerusalem, 9695102, Israel

Contact Point

Rachel Loutaty
ICT NCP

+972-3-5118152
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 (העברת ידע)
- Applicants will need to provide the InnovationAuth a formal request for the project based on the Procedure.
- A single applicant may request a maximum amount of fund based on the course it chose.

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 and will be subject to the Procedure.

Latvia - VIAA

Valsts izglītības attīstības aģentūrā (State Education Development Agency)
Vaļņu street 1,
Riga, LV-1050, Latvia
http://viaa.gov.lv/eng/

Contact Point

Maija Bundule
International Research Programs Unit

+371 67785423
Maija.bundule@viaa.gov.lv

Funding Criteria and Regulations

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,
- Project management 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 70,000 EUR per project year can be requested by each project participant. Project duration is 24 to 36 months.

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

Both call topics of the joint call are supported by VIAA

Open Access to Publications and Research Data Policy

VIAA 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. VIAA 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

Research Council of Lithuania
Gedimino pr. 3
LT-01103 Vilnius
Lithuania
www.lmt.lt

Contact Point

Mrs. Laura Kostelnickienė
International Programmes Unit

+370 676 17398
laura.kostelnickiene@lmt.lt

Funding Criteria and Regulations

General information

Lithuanian applicants are recommended to read:

− National rules (here) which are an integral part of the call text below,
− National eligibility criteria (here).

Eligible applicant

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

Direct costs:

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

Overheads: up to 30% of Personnel and Subcontracting costs.

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 amount that can be requested to the LMT is 100.000 EUR for up to 3 years, and per project.

Open Access to Publications and Research Data Policy

According to open access provisions of the European Union research and innovation program Horizon 2020, LMT has developed Guidelines for Open Access to Science Publications and Data (Order VIII-2 of 29-02-2016). 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.

*definition in national rules

Luxembourg - FNR

FNR
Luxembourg National Research Fund,
Avenue de l'Université, 4365 Esch-sur-Alzette
L-1017 Luxembourg
https://www.fnr.lu/

Contact Point

Dr. Helena Burg
Head of International Relations

+352 691 36 28 12
Helena.burg@fnr.lu

Josiane Staus
Administrative Assistant

+352 691 36 28 32
josiane.staus@fnr.lu

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 5 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).

As of 1 January 2017, costs for project related publications can be refunded through the FNR's "Open Access Fund". This does not apply to conference proceedings, PhD theses, book chapters and scientific monographs, although the FNR recommends Open Access publishing whenever possible. Please refer to the Open Access Fund guidelines for details.

Poland - NCN

Narodowe Centrum Nauki

ul. Twardowskiego 16
30-312 Kraków
Poland
https://ncn.gov.pl/?language=en

Contact Point

Dr. Anna Wieczorek
Coordinator for Physical Sciences and Engineering

Alicja Dyląg
Senior International Cooperation Officer

+48 532 086 494

anna.wieczorek@ncn.gov.pl

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 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 encourage 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);
- additional remuneration for members of the research team;
- salaries and scholarships for students and PhD students.

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 = 4,5644 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 ZSUN/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 the course of 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 have to be covered from overheads.
- Open Access Policy at the NCN
- Data Management Plan requirements
- Personal Data Processing at the NCN

Québec (Canada) - FRQNT

The Fonds de recherche du Québec – Nature et technologies
140 Grande Allée Est, suite 450
Québec (Québec), G1R 5M8
Canada
http://www.frqnt.gouv.qc.ca/en/accueil

Contact Point

Ms. Laurence Martin Gosselin
Program Manager and International Partnerships

(418) 643-8560, extension 3455
Laurence.martingosselin@frq.gouv.qc.ca

Funding Criteria and Regulations

Prior contact with the FRQNT and additional form

- NEW SUBMITTING PROCEDURES -

1. A candidate requesting funding to the FRQNT has to submit the FRQNET form for *Chist-Era 2020 program*, through his or her FRQNET portfolio. For the purpose of the FRQNET form, this candidate is a principal investigator (PI). If more than one candidate is requesting funding to the FRQNT in a project, only one of them has to submit the FRQNET as a PI, and the other ones have to be listed as co-investigator in the appropriate section of the form. Other specific information to the FRQNT's part of the project will be asked in the form, such as the budget.
2. All co-investigators in the FRQNET form will receive an email asking them to confirm their participation in the project. It is mandatory for them to confirm their participation before CHIST-ERA's deadline.
3. The *Recognized institutions to manage funding* of the candidate submitting the form has to approve the form through the FRQNET platform, before CHIST-ERA's deadline 25 February 2021, 17:00 CET/11:00ETam.
4. **The FRQNET form has to be submitted before CHIST-ERA's deadline. In other words, the submission (1), the confirmation by the co-candidates (2) and the approval by his or her institution (3) has to occur before the deadline, 25 February 2021, 17:00 CET/11:00ETam.**

- ADDITIONAL INFORMATION'S -

No modifications to the FRQNET form is allowed after the deadline.

To be considered submitted on the FRQNET platform, the form has to have the status "Transmis au Fonds". A form with the status "Transmis à l'établissement" indicates that it has been submitted to the *Recognized institutions to manage funding* and it is pending on its approval.

The FRQNT will validate the eligibility after the deadline only, but questions on eligibility are encouraged at any time.

Any documents or information received by email or by other ways at the FRQNT will be dismissed.

Eligibility of the applying candidates

An eligible candidate is a university researcher or a college researcher.

A university researcher is a person who:

      a)   receives a salary:

        i.   as a regular professor or a contracted professor, in a university recognized by the FRQ to manage funding,

        ii.   as a full-time researcher, with a PhD., in a university-affiliated CIUSSS, CISSS or other public institution within the health and social services network that is recognized by the FRQ to manage funding;

AND

      b)   is affiliated with a Québec university in which he/she is qualified to act as the sole supervisor

of graduate students and independently lead research projects.. An individual is qualified to act as the sole supervisor when relevant authorities in the university with which he/she is affiliated authorize him/her to co-supervise graduate students and also act as the sole supervisor of students working on a master's or doctoral thesis project. This accreditation should be interpreted as recognition by the university of the individual's autonomy in this regard.;

Individuals at the beginning of their career who meet criteria a) and hold a position that will enable them to meet criterion b) pending the end of administrative processes and delays also qualifies as university researcher

A <u>college researcher</u> is a person who has a master and who is employed in the equivalent of a full-time position in one or several college-level training institutions recognized by the FRQ to manage funding or Québec college centres for technology transfer (CCTT).

A college researcher must also possess the professional autonomy required to supervise research projects and hold:

    i. a position as a college-level training institution professor, OR

    ii. a position as a CCTT researcher, OR

    iii. a position in a college-level training institution in which at least 75% of their time is dedicated to research activities.

<u>The following individuals are not eligible:</u>

Individuals who seem to meet the criteria's above and who are retired.

Individuals who are currently receiving funding by the FRQNT for a research project related to CHIST-ERA.

<u>Maximum of requested funding and other specificities</u>

The maximum amount that can be requested to the FRQNT is 65 000€ per year, for up to 3 years, and per project. If the institution is eligible to receive indirect cost of research, as described in section *8.2 of the FRQ Common General Rules*, they will be added to the amount.

A candidate can receive funding from the FRQNT for only one ongoing project in the CHIST-ERA calls. A candidate who's not currently receiving this funding can submit more than one proposal to CHIST-ERA's current call, if he or she won't jeopardize his or her consortium knowing that the FRQNT will only fund a maximum of one of his or her projects.

All amounts will be granted in Canadian currency according to the exchange rates of the date the FRQNT sends the award letter to the candidate. Take notes that this date can be a few days after the CHIST-ERA program announces the general results.

Refer to the FRQ *Common General Rules* to find out the nature of eligible expenses under each of these budget items. If the unit cost is approximately over 15 000€ or 20 000$CA, the FRQNT reserves the right to demand two submissions at any time during the selection process and during the funding of the projects.

<u>Applicable policies</u>

Candidates and funding holders have to comply with the *[FRQ Common General Rules](#)*, with research ethics policies applicable to their project, with the [Politique de diffusion en libre accès des Fonds de recherche du Québec](#), as well as with the [FRQ Policy on Responsible conduct of research.](#)

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

Contact Point

Domnica Cotet
Expert

+40 21 302 38 80
domnica.cotet@uefiscdi.ro

Cristina Laura Cotet
Expert

+40 21 302 38 84
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 2020.

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

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

Contact Point

Zuzana Panisová
Programme Officer

International Cooperation Department
+421 2 5751 0245

panisova@up.upsav.sk

Zuzana Černáková
Programme Officer

International Cooperation Department
+421 2 5751 118

cernakova@up.upsav.sk

Funding Criteria and Regulations

Funding programme

Research in the field of ICT, Computer and Information Sciences including the Automation and Control Systems and related ICT – based sciences.

Funding and project duration

The maximum amount of requested funding per project can be up to 120.000EUR for a total period of 36 months. SAS applicants can participate in both topics of the Call 2020.

Funding Criteria and Regulations

Who can apply?

Only research Institutes of Slovak Academy of Sciences are eligible organisations for funding (up to 100%). Applicants from other Slovak R&D centres (universities and/or other organisations from Slovakia) have to cover the project costs from their own sources. The partners outside of SAS can be self-funded consortium members and thus cannot be the coordinator of the consortium. Participation of SAS Early Career Researchers (ECR) is strongly recommended.

What types of funding are eligible?

1. Direct costs

1.1 Personnel costs

- must accurately reflect the work on the project

- may be used only to cover the costs (including health and social insurance) related to work performed outside of employment

- maximum of 15 % of all direct costs or maximum of 30% of all direct costs, if SAS team is a coordinator of project consortium

1.2 Material costs and other expenditures

a. Consumables: equipment and instruments, office and laboratory material (no basic equipment of the workplace; essential IT equipment is exception)

b. costs and expenditures for services directly related to the project: contracts, consultations, publication of project results, conference fees

c. travel costs: limits for travel costs and daily subsistence allowance vary depending on destination country (pursuant to Slovak Act. 283/2002 Col. Of Laws on travel reimbursement)

d. capital expenditures: to a maximum of 40% of all direct costs

2. Indirect Costs (overheads)

- administration, energy and infrastructure

- maximum of 20% of all direct costs

Detailed SAS financial rules are available at following link
https://www.sav.sk/index.php?lang=sk&doc=services-news&source_no=25&news_no=7569

Is an additional/parallel application requested to the funding organisation?

SAS participants are requested to submit "Declaration to Participate in CHIST ERA Call 2020" within the deadline for submission of the project proposals. For further details, please contact panisova@up.upsav.sk cernakova@up.upsav.sk. The declaration template will be provided upon request.

SAS researchers that are partners in a project recommended for funding will be requested to submit an additional application to the SAS (MVTS form). The Presidium of SAS will make the final decision for funding of selected projects.

All Slovak applicants must contact SAS prior to pre proposal submission.

Open Access to Publications and Research Data

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

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

Contact Point

Administrative and technical issues:	Scientific issues:	Representative:
Watse Castelein	Dr. Carles Cané	Beatriz Gómez Miguel

+34 9160 38876
era-ict@aei.gob.es

Funding Criteria and Regulations

Instrument for funding the Spanish groups

The instrument for funding the Spanish groups is being redesigned for simplification.

The current instrument, the Spanish call on RDI projects "International Joint programming (PCI)", could be replaced in 2021.

Nevertheless, applicants are encouraged to consult the PCI 2020 call, since the requirements will be similar.

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 of the AEI.

Data Protection:

By submitting a grant application to the AEI, the applicants consent the 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 2020: 500.000 €.

Eligible criteria

The 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), as per PCI call (or equivalent).

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

Mandatory:

The Principal Investigators applying for funding to the AEI must have experience as investigators in projects funded by the Plan Estatal I+D+i 2013-2016, the Plan Estatal I+D+i 2017-2020, ERC Grants, European Framework Programmes or other relevant international programmes.

Incompatibilities (these must be taken into account when participating in different ERA-Nets or other international initiatives):

- Principal Investigators will not be eligible for funding if they apply in more than one proposal of this transnational joint call, in more than one proposal in the same PCI call (or equivalent) and in PCI calls of consecutive years. In addition, Principal Investigators applying to CRCNS 2021 competition will not be eligible for funding in this CHIST-ERA call.
- Principal Investigators must remain unchanged between the proposal of this transnational joint call and the national PCI call (or equivalent).

The AEI will avoid double funding and will not grant projects or parts of projects already funded through other national or International calls.

Eligible costs

- Personnel costs for **temporary employment contracts**

- Direct costs (VAT included) 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.

Funding rates

The following funding limits are considered eligibility criteria. Proposals not respecting these limits could be declared non eligible.

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

Maximum amount per Proposal (overheads excluded):
- For all Spanish Partners, if none of them is acting as Consortium Coordinator: € 150.000

If the Consortium is led by a Spanish Coordinator:

- if there is only one Spanish Partner in the proposal acting as Coordinator: € 200.000
- if there is one Spanish Partner in addition to the Spanish Coordinator: € 250.0000

These amounts refer to 3 years projects. In case of shorter projects, the amount will be adjusted accordingly

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).

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 PCI XX call (or its equivalent)".

Open Access to Publications and Research Data

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

Swiss National Science Foundation
Division II – Mathematical, Natural and Engineering Sciences
Wildhainweg 3
P.O. Box 8232
CH-3001 Berne
http://www.snf.ch

Contact Point

Dr. Ahmad Zein Assi
Scientific Officer

+41 31 308 21 83
chistera@snf.ch

Funding Criteria and Regulations

Projects must comply with SNSF Project Funding (division II) 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.

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: Pre-proposal" funding instrument when creating the application for the pre-proposal and "Programmes/ERA-NET" if you are invited to submit a proposal for the second stage. The pre-proposal can be used as a template when the full proposal is created in *my*SNF and should be referred to in the section "Relation to pre-proposal" of the full proposal

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 http://www.snf.ch/en/theSNSF/research-policies/open-access/Pages/default.aspx.

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 http://www.snf.ch/en/theSNSF/research-policies/open_research_data/Pages/default.aspx.

Turkey - TÜBITAK

TÜBİTAK Başkanlık
Tunus Caddesi No:80
06680 Kavaklıdere Ankara
http://www.tubitak.gov.tr

Contact Point

Utku ÇETİN
Scientific Officer

+90 312 298 17 75
utku.cetin@tubitak.gov.tr

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://www.ufuk2020.org.tr

Researchers are encouraged to contact call representative for Turkey (i.e. Utku ÇETİN) 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
North Star Avenue
Swindon SN2 1ET
https://www.epsrc.ukri.org

Contact Point

Dr Maryam Crabbe-Mann
Portfolio manager for Information and
Communication Technologies
maryam.crabbe-mann@epsrc.ukri.org
please cc ICT.theme@epsrc.ukri.prg

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.

See https://www.ukri.org/funding/information-for-award-holders/open-access/open-access-policy/ for a summary and https://www.ukri.org/files/legacy/documents/rcukopenaccesspolicy-pdf/ 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.