



**chist-era**

## Call 2018 for Research Proposals

Supporting the topics of

# Analog Computing for Artificial Intelligence (ACAI)

and

# Smart Distribution of Computing in Dynamic Networks (SDCDN)

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**Deadline: 15 January 2019, 17:00 CET**

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Documents and procedures: <http://www.chistera.eu>

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Indicative budget: 13 M€

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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 Future and Emerging Technologies programme of the European Union.

## Key Facts & Figures

### CHIST-ERA

CHIST-ERA is a consortium of funding organisations with programmes supporting Information and Communication Sciences and Technologies (ICST). The CHIST-ERA consortium is itself supported by the European Union's Future & Emerging Technologies scheme (FET).

CHIST-ERA promotes multidisciplinary and transnational ICST research with the potential to lead to significant breakthroughs. The funding organisations jointly support research projects selected in the framework of CHIST-ERA, in order to reinforce European capabilities in selected topics.

### Content of the Call

Topic 1	Topic 2
<b>Analog Computing for Artificial Intelligence</b> <b>ACAI</b>	<b>Smart Distribution of Computing in Dynamic Networks</b> <b>SDCDN</b>

**Indicative budget:**

**13 M€**

Proposals must be submitted by international consortia with research partners in at least 3 of the following countries:

**Austria (only topic ACAI), Belgium (only Wallonia-Brussels), Bulgaria, Canada (Québec), Czech Republic, Estonia, Finland, France, Greece, Ireland, Lithuania, Poland, Romania, Slovakia, Spain, Switzerland, Turkey, United Kingdom (only topic SDCDN)**

**Proposals are evaluated jointly based on criteria of relevance to the topic, scientific excellence, implementation, and impact.**

**Each consortium partner is funded separately by a funding organisation.**

Each partner must fulfil the conditions of the funding organisation they are applying to, as described in the annex. Industrial partners are eligible to be funded by some funding organisations.

### Tentative Timeline

<b>15 January 2019, 17:00 CET</b>	<b>Deadline for pre-proposal submission</b>
End of March 2019	Notification of accepted pre-proposals
<b>Mid-May 2019</b>	<b>Deadline for full proposal submission</b>
October 2019	Notification of accepted proposals
1 December 2019	First possible start date for accepted projects

## Table of Contents

<b>Key Facts &amp; Figures</b> .....	<b>2</b>
<b>Table of Contents</b> .....	<b>3</b>
<b>Research Targeted in the Call</b> .....	<b>4</b>
1 <sup>st</sup> Topic: Analog Computing for Artificial Intelligence (ACAI).....	5
2 <sup>nd</sup> Topic: Smart Distribution of Computing in Dynamic Networks (SDCDN).....	6
<b>Eligibility</b> .....	<b>7</b>
Eligibility of the Consortium.....	7
Eligibility of Partners.....	7
Eligibility of Partners: Overview Table.....	8
<b>2 Stages Application Procedure</b> .....	<b>10</b>
<b>Evaluation and Selection of Proposals</b> .....	<b>11</b>
<b>Management of Projects</b> .....	<b>12</b>
Setting up the Consortium.....	12
Reporting and Publications.....	12
<b>National Annex: Funding Organisation’s Contact Points and Regulations</b> .....	<b>13</b>
AT – Austria.....	13
BE – Belgium (Wallonia-Brussels).....	14
BG – Bulgaria.....	15
CA – Canada (Québec).....	16
CH – Switzerland.....	18
CZ – Czech Republic.....	19
EE – Estonia.....	22
ES – Spain.....	24
ES – Spain.....	26
FI – Finland.....	27
FR – France.....	28
GR – Greece.....	29
IE – Ireland.....	32
LT – Lithuania.....	33
PL – Poland.....	34
RO – Romania.....	35
SK – Slovakia.....	36
TR – Turkey.....	38
UK – United Kingdom.....	39

## Research Targeted in the Call

Each year, CHIST-ERA launches a call for research proposals in two new topics of emergent scientific importance. This year's call concerns the following topics:

1. **Analog Computing for Artificial Intelligence (ACAI);**
2. **Smart Distribution of Computing in Dynamic Networks (SDCDN).**

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 internet of things, terahertz communication, lifelong learning for intelligent systems, visual analytics, object recognition and manipulation by robots, and big data and process modelling for smart industry.

The [CHIST-ERA](#) consortium has created a common funding instrument to support international research groups that engage in long-term research in the area of ICT and ICT-based sciences. Through this instrument, funding organisations support and join the European Union's "[Future and Emerging Technologies \(FET\)](#)" agenda. By coordinating their efforts, they can support more diverse research communities, who are able to tackle the most challenging and novel research topics.

### Community-defined topics

A workshop was held in Helsinki on 19-21 June 2018 to identify important research challenges within the two selected topics. The workshop brought together ICST researchers from across a range of research communities and countries. The delegates identified a number of research challenges, which have formed the scope of this call. Presentations given at the workshop are available on the CHIST-ERA website (<http://conference2018.chistera.eu/>). Attendance at the workshop is not a prerequisite for submitting an application to this call. The evaluation criterion "Relevance to the Topic" is assessed only based on the topic descriptions below. The workshop presentations can nevertheless provide background information for preparing a proposal.

### Nature of research

Submitted proposals should be of a FET-like nature and contribute to the development of an international and multidisciplinary research. The transformative research done in CHIST-ERA should explore new topics with potential for significant scientific and technical impacts in the long term.

The two topics of this year's call are described below.

## **1<sup>st</sup> Topic: Analog Computing for Artificial Intelligence (ACAI)**

Analog computing, which was initially the mainstream approach in computing, has seen its progress outpaced by the huge investments in digital computing following Moore's law during almost five decades. However, with the end of Moore's law, there is room again for more varied computer architectures including analog ones. These can enable fast, energy-efficient computing for specific applications and thus become attractive again. Furthermore, the field of Artificial Intelligence, which is progressing fast, addresses signals which are intrinsically analog (image, sound, speech, proprioception, etc...) and increasingly relies on neural networks which naturally lend themselves to analog computing. In this context, analog computing becomes appealing for running Artificial Intelligence applications locally on personal devices, and more generally in an energy-efficient way.

### **Target Outcomes**

Projects should lead to technology demonstrators enabling robust operation and give due consideration to performance evaluation and experiment reproducibility. Power consumption, computational capability, efficiency, reliability and adaptability are important aspects of this research domain and should be considered where relevant. Both new algorithms and adaptation of existing algorithms to new analog technologies can be addressed. Unconventional approaches can be considered where it can be demonstrated that they can lead to better artificial intelligence either generally or for specific domains of use.

Key challenges are expected to be:

- Adaptability and ease of programming
- Energy consumption performance
- Performance benchmarking and demonstration of superior performance with respect to conventional approaches for specific applications in artificial intelligence
- The design of new, more resilient and configurable architectures
- Demonstration of practicality

### **Expected Impact**

Projects are strongly encouraged to address the following objectives in order to enhance impact:

- Strengthened interdisciplinary research community that crosses traditional boundaries between research disciplines
- Shared benchmarks and datasets for objective performance assessment and comparisons
- Increased awareness of the possibilities offered by analog computing for artificial intelligence
- Availability of enhanced low-power smart devices

## **2<sup>nd</sup> Topic: Smart Distribution of Computing in Dynamic Networks (SDCDN)**

The proliferation of IoT solutions is driving the development of novel computing platforms that cope with the limitations of sensor/actuation devices and mobile devices, by offloading computing complexity onto the network. As a result, new computing paradigms that support diverse applications' needs have arisen including cloud, fog and edge computing. Increasingly hybrid approaches are being adopted to provide performance trade-offs between these distribution models according to changing network conditions and application requirements. This trend is foreseen to continue to grow especially in smart environments powered by post-5G networks. Processing will have to be delegated via novel intelligent coordination strategies over dynamic networks, including cloud, fog and edge elements. There is a need for ubiquitous, context-aware, robust solutions that dynamically orchestrate computing tasks among these models.

### **Target Outcomes**

Projects should propose, design and/or implement demonstration technologies in user-centric application domains that highlight the benefits of dynamic computing in terms of security, reliability, trust, energy efficiency, computational capability and user perception.

Key challenges may include:

- Improving user experience in dynamic network scenarios and integration of user experience evaluation
- Development of distribution strategies which improve application performance
- Intelligent data storage, processing and movement
- Creating context aware functionality
- Transparency of operation
- Identification of application classes which are particularly suitable for realization on such platforms
- Performance benchmarking
- Addressing potential security issues

### **Expected Impact**

Projects are strongly encouraged to address the following objectives in order to enhance impact:

- Improved user experience and/or quality of life
- Better understanding of infrastructural requirements among service providers of communication platforms
- Increased awareness of capabilities and requirements of such systems among application designers
- Improved energy usage from devices or systems
- Reproducible, deployable technology

## Eligibility

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

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

It is necessary that both the **consortium is eligible** for CHIST-ERA and **all partners are eligible** to be funded by their respective organisation. **All partners have to fulfil the regulations of their respective funding organisation.**

If a partner may be 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 criteria must be met:

1. The consortium is **international**:
  - It must have a minimum of three partners requesting funding to organisations in the call from at least three distinct countries.
2. The consortium is **balanced**:
  - At most 60% of the total 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 normally contain between three and six partners.

Research groups who are not eligible to receive funding from any organisation participating in the concerned topic 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 criteria for partners are specific to the chosen funding organisation. **Be aware that some funding organisations:**

- require that eligibility of partners is checked with them prior to applying;
- request additional national forms to be submitted prior or alongside the CHIST-ERA Call;
- only fund non-commercial research.

The table on the next page provides an overview of each organisation's eligibility rules. Further details, including those of the Funding Organisations' contact points, can be found in the annex.

In order not to jeopardize the whole consortium, partners should avoid that a priori doubts exist about the eligibility of their institution (university, academic institutions, industry), the eligibility of their PI (permanent staff, position secured for the duration of the project, etc.), and their eligible costs.

## Eligibility of Partners: Overview Table

See the National Annex for detailed national regulations and conditions.

Country	Funding organisation	Budget (M€) †	Max. number of projects †	Prior contact ‡	Additional forms ‡	Industrial partners eligible ‡	Reference funding scheme	Additional information
AT	FWF	0.40	2	Yes	Yes	Yes	Stand-alone projects	FWF only supports the topic ACAI.
BE	F.R.S.-FNRS	0.30	2	Yes	Yes	No	PINT-MULTI	Read the specific conditions in the national annex.
BG	BNSF	0.10	1-2	Yes	Yes	No	Programs ERA-NET	Read the specific conditions in the national annex.
CA	FRQNT	0.39	2	No	No	No	“Chist-Era 2018”	Maximum requested budget is 65 000€ per project and per year; see the national annex.
CH	SNSF	1.00	3-5	Yes*	Yes	Yes	“Programmes/ERA-NET”	Read the specific conditions in the national annex.
CZ	TACR	1.00	2-5	Yes	Yes	Yes	<a href="#">“Programme EPSILON”</a>	Read the specific conditions in the national annex.
EE	ETA <sub>g</sub>	0.30	2	No	No	Yes	“Knowledge Based Estonia 2014-2020”	Maximum requested budget per project is 150 000€. Funding programme Mobilitas PLUS.
ES	AEI	0.50	3-5	No	No	No**	“Programación Conjunta Internacional”	Read the specific conditions in the national annex.
ES	IDEA	0.70	3-4	Yes	No	Yes	“Programa de Fomento de la I+D+i Internacional”	Read the specific conditions in the national annex.
FI	AKA	1.00	3-4	recommended	No	No	Academy project	Read the specific conditions in the national annex.
FR	ANR	2.00	8-10	Yes*	No	Yes	Collaborative Project	Read the specific conditions in the national annex.
GR	GSRT	1.50	6-8	recommended	No	Yes	“Programmes/ERA-NETs”	Read the specific conditions in the national annex.
IE	IRC	0.15	1	Yes	No	No		Standard IRC eligibility criteria apply. You must contact IRC prior to submission.
LT	LMT	0.10	1	Yes	No	Yes**	Towards Future Technologies	Read the specific conditions in the national annex.
PL	NCN	0.50	-	Yes	Yes	Yes	At full proposal stage, applicants must fill in UNISONO form via the OSF electronic submission system <a href="http://www.osf.opi.org.pl/app/adm/start.do">http://www.osf.opi.org.pl/app/adm/start.do</a>	
RO	UEFISCDI	0.50	2-3	Yes	Yes	Yes	PNCDI III – Subprogram 3.2 HORIZON 2020	
SK	SAS	0.12	1	Yes	Yes	No	“Programmes/ERA-NET”	Read the specific conditions in the national annex.
TR	TÜBITAK	1.50	8-10	Yes	Yes	Yes	TUBITAK 1001 for fundamental research TUBITAK 1509 for technological R&D	Read the specific conditions in the national annex.
UK	UKRI	1.05	3	No	No	No	Standard Mode	UKRI only supports the topic SDCDN.



\* Prior contact is highly recommended if PI has never been supported by reference funding scheme.

\*\* Further conditions apply, see the specific conditions in the national annex.

† The budget is indicative and represents the committed funding available for all projects the organisation supports in this topic. Together with the budget, the maximum number of projects gives an indication of the financial constraints that should be expected by partners applying to be funded by this organisation.

‡ 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 (found in the annex) prior to submission in order to verify their eligibility.

## 2 Stages 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 eligibility criteria.
- Each partner meets eligibility criteria.

It is the responsibility of each partner to ensure their eligibility. Refer to the overview table on the previous page and the detailed regulations of each organisation in the annex for partner-specific conditions.

Please make sure that all partners who must contact their funding organisation prior to submission of their proposal have done so.

### Proposal Submission: 2 stages

The call follows a **two-stage submission and evaluation procedure**. First, a pre-proposal (see pre-proposal template) is submitted. If the pre-proposal is selected after evaluation by an international Evaluation Panel set up specifically for each Call topic, the consortium is invited to submit a full proposal (see full proposal template).

The projects presented in the full proposal and in the pre-proposal must be consistent. Any change to the plans described in the pre-proposal should be explained and justified. If the changes involve a change in consortium composition, it is strongly advised to contact the national contact points in the concerned countries as well as the CHIST-ERA Secretariat prior to submission to check for any eligibility issue.

At both stages of the application, the coordinator prepares a joint proposal (pre-proposal or full 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.

In addition, a Partner Search Tool is provided at <http://www.chistera.eu>.

We recommend that a preliminary proposal be submitted several days before the 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 the overview table and the national annexes.

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 of Proposals

Proposals are assessed by an evaluation panel of international experts. There is one panel for each topic of the Call.

The proposals are evaluated and ranked within each topic according to the following criteria:

1. **Relevance to the Topic:** Relevance of the project with respect to the topic description. (This criterion applies to the pre-proposal stage only)
2. **S/T Quality:** Scientific and/or technological excellence:
  - Soundness of the concept, quality and clarity of the objectives;
  - Originality and novelty, and potential for non-incremental progress beyond the state-of-the-art;
  - Quality and suitability of the methodology.
3. **Implementation:** Quality and efficiency of the implementation and management:
  - Quality and relevant experience of individual participants;
  - Quality and added value of the consortium (interdisciplinarity, complementarity, coherence and balance of involvement, etc.);
  - Appropriateness of the management structure and procedures;
  - Identification of risks, plausibility and flexibility of the work plan;
  - Appropriateness of allocation and justification of requested resources (staff, equipment...).
4. **Impact:** Potential impact through the development, dissemination and use of project results:
  - Contribution, at the European and/or international level, to the expected impacts;
  - Scientific and societal importance;
  - Appropriateness of measures for the dissemination and communication to different target audiences, exploitation of project results, and management of intellectual property.

On the basis of the ranking established by the evaluation panel, the top ranked pre-proposals, representing a cumulated requested funding of about three times the total available budget for the call, are selected by a board representing the call's funding organisations (Call Steering Committee) and invited to submit a full proposal.

Full proposals are assessed by the evaluation panel with the help of external reviewers. On the basis of the ranking and of available funding, the Call Steering Committee will prepare a list of projects recommended for funding.

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

## **Management of Projects**

### **Setting up the Consortium**

If the full proposal 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 partner 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.

At the latest three months after the start of a project, a consortium agreement has to be signed by all partners and sent to the CHIST-ERA Secretariat. Some funding organisations require that the consortium agreement is signed before the grant agreement can be finalised.

### **Reporting and Publications**

Consortia must present the status of their project at each yearly event organised by CHIST-ERA. The related costs are eligible.

Furthermore, the coordinators of funded projects have to submit a scientific report on each 12-month period of the project. The reports must be sent to the CHIST-ERA Secretariat 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 CHIST-ERA projects must acknowledge CHIST-ERA, and an electronic copy must be sent to the CHIST-ERA Secretariat. Granting open access to publication and data is encouraged (related costs are eligible in the framework of the respective funding organisation regulations).

# National Annex: Funding Organisation's Contact Points and Regulations

## AT – Austria

## FWF

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FWF—Der Wissenschaftsfonds  
Sensengasse 1  
1090 Wien

<http://www.fwf.ac.at/>  
Fax: +43 | 505 6739

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### National Contact Point

DI Dr. Christian Maszl-Kantner  
+43 | 505 6740 8408  
[christian.maszl-kantner@fwf.ac.at](mailto:christian.maszl-kantner@fwf.ac.at)

Mag. David Miksits  
+43 | 505 6740 8410  
[david.miksits@fwf.ac.at](mailto:david.miksits@fwf.ac.at)

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### Funding Criteria and Regulations

All Austrian partners must contact FWF prior to submission.

For Austrian proposers hold the same application criteria as for regular stand-alone projects (see pages 1 and 5-7 of “application guidelines” available at the FWF website:

[https://www.fwf.ac.at/fileadmin/files/Dokumente/Antragstellung/Einzelprojekte/p\\_application-guidelines\\_august2018.pdf](https://www.fwf.ac.at/fileadmin/files/Dokumente/Antragstellung/Einzelprojekte/p_application-guidelines_august2018.pdf)

Please keep in mind the restriction on the number of ongoing projects and the submission of funding applications:  
[https://www.fwf.ac.at/fileadmin/files/Dokumente/Antragstellung/project\\_number\\_limit.pdf](https://www.fwf.ac.at/fileadmin/files/Dokumente/Antragstellung/project_number_limit.pdf)

Applications forms can be found following this link:

<http://www.fwf.ac.at/de/forschungsforderung/antragstellung/internationale-programme/joint-projects-era-net-calls>

Mandatory are:

- Scientific Abstract of the joint project in E and PR-Abstract of the joint project in D and E
- Application form (incl. signature and stamp of the research institution)
- Programme specific data
- Attachment Co-Authors
- Itemisation and justification of requested funding (only FWF part) in a separate PDF-file

If existing:

- National research partner form
- Offer for equipment  $\geq 400\text{€}$
- Offer for other costs according to guidelines

Filled and signed FWF forms have to be sent to the FWF office concurrent to the submission of the joint CHIST-ERA proposal.

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

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### Contact Point

Dr. Florence Quist  
Scientific Officer

+32 2 504 93 51

[florence.quist@frs-fnrs.be](mailto:florence.quist@frs-fnrs.be)

Dr. Joël Groeneveld  
Senior Policy Officer

+32 2 504 92 70

[joel.groenevel@frs-fnrs.be](mailto:joel.groenevel@frs-fnrs.be)

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### 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 must provide basic administrative data by submitting an administrative application on [SEMAPHORE](#) for the same deadline as the consortium application is submitted. 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](http://www.frs-fnrs.be).

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

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Bulgaria National Science Fund - BNSF

Blvd. Al. Stampolijski 239

Entr. B

Sofia 1309

[www.fni.bg](http://www.fni.bg)

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**National Contact Point**

Milena Aleksandrova

Program Coordinator of ERA NET participation

+359 884 171 363

[aleksandrova@mon.bg](mailto:aleksandrova@mon.bg)

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**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/ERA\\_NET\\_2016\\_2.pdf](https://www.fni.bg/sites/default/files/competition/12_2016/ERA/ERA_NET_2016_2.pdf)

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>

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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/>

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### **National Contact Point**

Ms. Laurence Martin Gosselin  
Program Manager and International Partnerships

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

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### **Funding Criteria and Regulations**

#### **Eligibility of the proposal and of the applying candidates**

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

#### University researcher

Individuals who:

- a) are full-time paid employees of an employing institution recognized by the FRQ to manage funding; AND
- b) are affiliated with a Québec university in which they are qualified to act as the sole supervisor of graduate students I and lead independently research projects; AND
- c) hold a PhD or an equivalent qualification recognized by a Québec university.

The following individuals also qualify for university researcher status.

- i. Individuals at the beginning of their career who meet criteria a) and c) and hold a position that will enable them to meet criterion b) pending the end of administrative processes and delays;
- ii. Individuals who are retired from a recognized institution and who recently met all the above-mentioned criteria but no longer meet criterion a) and continue to pursue research or supervision activities in the institution, from which they have obtained a formal commitment.

#### College researcher

Individuals who hold a PhD and who are employed in the equivalent of a fulltime position in one or several college-level training institutions recognized by the FRQ to manage funding or Québec college centres for technology transfer (CCTT). College researchers 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.

Individuals who are employed for the equivalent of a full-time assignment, lasting the same time period as the Chist-Era Call 2018 or longer, at a college authorized by the Fonds de recherche du Québec (FRQ) to manage funding or a CCTT. Having a doctoral degree or not, he/she has the professional autonomy to lead research projects and holds : i) a position as a college professor, or ii) a position as a researcher in a CCTT, or iii) a position in a college whose task is composed of at least 75% of research activities.

#### **Applicable policies**

Candidates and funding holders have to comply with the [FRQ Common General Rules](#), with research ethics policies applicable to their project, as well as with the FRQ [Policy on Responsible conduct of research](#).

#### **Maximum amount of requested funding**

The maximum amount that can be requested to the FRQNT is 65 000€ per year, for up to 3 years, and per project. 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.



**Forms to be submitted**

Only the candidates in a founded project will have to create a portfolio on the FRQnet and fulfil the appropriate form: <https://frqnet.frq.gouv.qc.ca/researchPortal/faces/jsp/login/login.xhtml?lang=FR&site=null>.

Candidates in a founded project will have to fill an “Undertaking and Acknowledgement” before receiving the FRQNT funds.

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Swiss National Science Foundation

Division II – Mathematical, Natural and Engineering Sciences  
Wildhainweg 3  
P.O. Box 8232  
CH-3001 Berne

<http://www.snf.ch>

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### **National Contact Point**

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Scientific Officer

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[chistera@snf.ch](mailto:chistera@snf.ch)

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### **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 *mySNF*.

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Technology Agency of the Czech Republic

Evropská 1692/37

160 00 Praha 6

Czech Republic

<https://www.tacr.cz>

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### **National Contact Point**

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Project manager

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---

### **Funding Criteria and Regulations**

#### **Eligible beneficiaries & institutions**

Enterprises (according to Annex I of [the Regulation](#))

Research organizations (according to Article 2 paragraph 83 of [the Regulation](#))

Enterprises who act as natural persons according to Annex I of the Regulation engaged in an economic activity pursuant to Act no. 455/1991 coll. on Trades (Trade Act).

Eligibility of applicants:

Enterprises in economy difficulties **cannot be eligible** (according to Article 1 paragraph 4 a), c) and Article 2 paragraph 18 of [the Regulation](#))

Duty of Czech applicants is to publish their financial statement in the respective register - known as “Veřejný rejstřík” (according to the Act no. 563/1991 coll. on accounting).

#### **The start day of the accepted projects**

The first possible start day of the project realization is the 1st December 2019. The costs are eligible from the 1st December 2019.

#### **Supported results**

A project to be supported by TA CR has to be a project of applied research and development and has to achieve the result(s) applied in practice. There should be a clear description of the exploitation plan and results in the project proposal.

For definitions of the applied research see [Framework for State aid for research and development and innovation, 2014/C 198/01](#) and [COMMISSION REGULATION \(EU\) No 651/2014 of 17 June 2014.](#))

Projects should reflect 3-9 [TRL](#).

Projects that achieve at least one of the following types of results can only 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.

In the proposal the Czech applicant has to specify the type of result(s) which will be achieved and the WP(s) which s/he is responsible for.

The aim of the project has to be relevant to the overall aim of the funding programme EPSILON - see [programme EPSILON](#)

### **Budget & eligible costs**

The eligible costs are:

- Personnel
- Other direct costs
- Subcontracting
- Indirect costs (overhead)

Overhead:

These costs and expenditures must be recorded in accordance with the methodology for recording real indirect costs, i.e. “flat rate of 20 %” or “full cost model” or “flat rate of 30 %” (HR Excellence in Research Award - “HR Award”) for all types of beneficiaries.

These specific categories of eligible costs are defined under the Article 17 [Terms & Conditions](#)

**Investment costs and scholarships are NOT eligible in this joint call.**

The Czech applicant must submit the financial plan “TACR\_Budget data” in Excel file to TACR via data box.

### **Funding rates (approx.)**

The maximum permissible aid intensity per Czech applicant in a project is **60 % of the total eligible costs**. At least 40 % of self-financing from **non-public sources** is required. According to the type of applicants the maximum allowable aid intensity rates for industrial (applied) research and experimental development are listed in the following table:

Participant	Industrial research		Experimental development	
	Max. allowable aid intensity, incl. bonuses for small and medium-sized enterprises	Max. allowable aid intensity with demonstrated effective collaboration with a research organisation	Max. allowable aid intensity, incl. bonuses for small and medium-sized enterprises	Max. allowable aid intensity with demonstrated effective collaboration with a research organisation
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 I of Regulation

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

\*\*\* While respecting the maximum permissible aid intensity of 60 % per project.

## **Forms to be submitted**

**We invite applicants from the Czech Republic to contact the TA CR before the submission of the pre-proposal in order to check the eligibility and deliver more detailed information.**

The Czech applicant must fulfill the national rules and prove its eligibility by **sending mandatory attachments**

- [A Sworn statement of the applicant](#);

- Financial statements for years 2015, 2016, and 2017 (NOT mandatory for research organisations);

- filled in table "TACR\_Budget data" in Excel file. (Applicant has to indicate the industrial (applied) research (IR/AV) and experimental development (ED/EV) share.);

- If there are two Czech applicants in the project and one applicant will co-finance the second one, please use the table "TACR\_Budget data - co-financing";

- if 30% flat rate is requested, the HR Excellence in Research Awards certification has to be sent (copy of the e-mail communication with the EC has to be sent to confirm that applicant will be included in the list [HRS4R Acknowledged Institutions](#));

- if the applicant plans to achieve the "NmetS" type of result, the "[Confirmation of the Certification authority for results NmetS](#)" is requested to be attached.

Documents to prove the eligibility of a Czech partner (applicant) will be accepted via the TA CR data box (ID of TA CR data box: afth9xp) in the same deadline as the consortium application submission date is (the deadline for pre-proposals).

To the "Subject" please fill in this wording: „Horizon2020 - CHIST ERA III Call 2018 - prokázání způsobilosti - akronym projektu“.

useful links:

- [TA CR Cofund Calls](#) (only in the Czech language)

- [programme EPSILON](#)

The "Guide for Czech applicants" will be available for the Czech applicants at the TA CR website.

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Estonian Research Council

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Tartu 51013

<http://www.etag.ee>

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#### National Contact Point

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Project Manager  
Department of International Research Cooperation

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#### Programme Mobilitas Pluss

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### Funding Criteria and Regulations

#### National Eligibility Criteria for Estonian Applicants Requesting Funding from Mobilitas Pluss Programme in ERA-NET Calls

Estonian Research Council (hereafter the Council) funds basic and applied research. Applied research is only funded as far as it does not refer to product development with commercial value and for marketing purposes.

Funding will come from the Programme Mobilitas Pluss. Programme Mobilitas Pluss is partly financed by the European Regional Development Fund. The project must comply with the rules set in the [Mobilitas Pluss decree](#) No. 1.1-2/15/481 of the Minister of Education and Research of 30 December 2015.

Applications and applicants must meet ETAg [Mobilitas Pluss National Eligibility Criteria for Applicants](#).

The total duration of the project can be up to 3 years, but Mobilitas Pluss Horizon 2020 ERA NET support can be used no later than 30 September, 2022

All applicants must contact with Dr Margus Harak to coordinate the budget, otherwise the proposal could be considered not eligible.

#### I. Participants of the project

**I.1 The Host Institution** (the final recipient) is the applicant to which the grant will be allocated. The Host Institution must be registered and located in Estonia. R&D institutions must conform to the Organisation of Research and Development Act. For enterprises section 3(2) of the Organisation of Research and Development Act does not apply.

The Host Institution must declare that the project can be carried out within their premises and that it will employ the Principal Investigator during the proposed project, should the project receive funding.

**I.2 The Principal Investigator** is the researcher who will be responsible for the use of the grant and for the implementation of the project.

The principal investigator:

- must have an updated public profile in the Estonian Research Information System (ETIS), or as an alternative, convert his/her ETIS publications table into a PDF and send it directly to the ERA-NET's contact point at ETAg;
- must hold a doctoral degree of an Estonian higher education institution or an equivalent academic degree. The degree must be awarded by the submission deadline of the grant application, at the latest;
- Must have published within the last five years prior to the proposal submission deadline at least three publications which comply with the requirements of clauses 1.1 of the classification of publications of the ETIS, or at least five publications which comply with the requirements of clauses 1.1, 1.2, 2.1 and 3.1 of the ETIS classification. International patents are equalised with publications of clause 1.1. Monographs (ETIS clause 2.1) are equalised with three publications mentioned in clause 1.1 if the number of authors is three or less. If the applicant has been on parental leave or in the compulsory military service, has suffered from a serious illness within these last five years or has other serious grounds, the deadline of the publication requirement will be extended by the respective time.

**I.3 Senior research staff of the project** participates in the substantial performance of the project. They possess master's degree or a respective qualification.

### 2. Budget

The budget of the proposal should consist of research expenses and indirect costs. Only expenses made between the start date and the end date of the project (not later than 31.12.2022) are eligible.

**2.1 Research expenses** consist of personnel costs, travel costs, other direct costs and subcontracting costs. The research expenses must be relevant to carry out the project and respectively identifiable. All eligible costs are set in the [Mobilitas Pluss decree](#).

- **Remuneration** may only be paid out of the grant according to the time the staff participates in the grant project and their total salary cost.<sup>1</sup> **Scholarships are not eligible.**
- **Travel costs** cover expenses for transport, accommodation and daily allowances.
- **Other direct costs** are:
  - Consumables related to the project;
  - Costs for publishing and dissemination of project results
  - Costs for organising meetings, seminars or conferences;
  - Fees for participating in scientific forums and conferences;
  - All other costs which are clearly required for the implementation of the project, are respectively identifiable and comply with the eligible costs as defined in the [Mobilitas Pluss decree](#).
- **Subcontracting costs** should cover only additional or complementary tasks (e.g. costs for translation, analyses, etc.) performed by third parties. Core project research tasks should not be subcontracted. Subcontracting costs may not exceed 10% of the total costs.

**2.2 Indirect costs** of the project is 15% of eligible **direct personnel costs** and should cover general expenses of the Host Institution and ETAg. Two thirds (2/3) of the indirect costs will go to the Host Institution and one third (1/3) will be kept by ETAg for checking the compliance of the costs with the rules of the European Structural Funds.

Costs for equipment and services intended for public use (copying machine or printer publicly used, phone bills, copying service, etc.) must be covered from the indirect costs.

**2.3 Double funding** of activities is not acceptable.

**2.4** Expenses not directly related to the project are not eligible.

### 3. Private enterprises

In case the applicant is a private enterprise, the [state aid form](#) must be filled in. The enterprise cannot have any tax arrears on the proposal submission date.

### 4. Research involving human subjects or animal tests

If human research or animal tests are intended in the project, a positive resolution by the human research ethics committee or the animal testing permits committee must be submitted to the Council by the time of commencement of the human research or animal testing.

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<sup>1</sup> Comprising basic monthly salary plus social security charges and other statutory costs.

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Agencia Estatal de Investigación

Subdivisión de Programas Científico - Técnicos Transversales, Fortalecimiento y Excelencia  
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#### National Contact Point

Administrative and technical issues:

Watse Castelein

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[era-ict@aei.gob.es](mailto:era-ict@aei.gob.es)

Scientific issues:

Carles Cané

Representative:

Estrella Fernández

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#### Funding programme

Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad, Plan Estatal de Investigación Científica y Técnica y de Innovación 2017-2020. [Enlace a Plan Estatal](#)

The instrument for funding the Spanish groups will be the Spanish Call on International Joint Programming (*Programación Conjunta Internacional*) or equivalent. Only as a reference, the beneficiaries are advised to read the call [PCI 2018](#).

The Spanish legal entities granted are obliged by the regulations established in this PCI call and by the funding limit specified below.

Call will be managed by the [Subdivisión de Programas Científico-Técnicos Transversales, Fortalecimiento y Excelencia](#).

#### Purpose of funding

The projects granted by the AEI must be aligned with the main objectives described in the [Programa Estatal](#).

#### Funding commitment

Maximum funding for the CHIST-ERA call 2018: 500.000 €.

#### Eligible criteria

The **eligible entities** for AEI funding are:

Non-profit research organisations according to the respective PCI call (*Programación Conjunta Internacional*).

Although private enterprises will not be funded through the PCI Call, the Spanish industrial sector is welcome to participate in the transnational consortia using their own funds.

The Spanish research groups that apply for funding to AEI must comply with the requirements established by this transnational call and with the final rules on eligibility to be defined in the respective PCI call, to be published [here](#).

#### Additional eligibility criteria

##### Mandatory:

Spanish Principal investigators **must be** eligible according to the respective PCI call and must have experience as investigators in projects funded by the *Plan Nacional I+D+I 2008-2011*, the *Plan Estatal I+D+I 2013-2016*, ERC Grants, or European Framework Programmes or other relevant international programmes.

##### Not allowed:

- Principal Investigators are not allowed to apply for funding in more than one proposal of the CHIST-ERA call 2018.
- Principal investigators are not allowed to apply for funding in more than one proposal in the same PCI call.



- Principal Investigators are not allowed to apply for funding in two consecutive PCI calls (or their equivalent).
- Principal Investigators must remain unchanged between the proposal to this transnational call and the respective PCI call.

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

### **Eligible costs**

- Personnel costs for temporary employment contracts (scholarships are not eligible).
- Current costs, small scientific equipment, disposable materials, travelling expenses and other costs that can be justified as necessary to carry out the proposed activities.
- Indirect costs (overheads) or clinical assays (proofs of concept, proofs of principle) are not eligible for funding in the PCI call.

### **Funding rates**

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

- Maximum per legal entity and proposal eligible for AEI should not exceed 40.000 € per year (up to 120.000 € for three year project). If two or more legal entities participate in the same proposal the AEI part should not exceed 50.000 € per year (up to 150.000 € for three year project).
- For experimental groups, the above limits are increased: Up to 50.000 € per year (up to 150.000 € for three year project) for one Spanish partner. Up to 65.000 € per year (up to 195.000 € for three year project) for the whole Spanish part in case more than one Spanish partner participates in the same proposal.
- If the transnational proposal is led by a PI eligible for AEI a maximum of 6.000 € per year in addition.

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 the AEI: "Project (reference n° XX) funded by the AEI through the PCI call (or its equivalent)".

Agencia de Innovación y Desarrollo de Andalucía

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#### **National Contact Point**

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Services

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#### **Funding Criteria and Regulations**

All Andalusian partners must contact Agencia IDEA contact points prior to pre proposal submission.

**Eligibility of the proposal and applying candidates:** all eligibility rules and criteria can be found in the document available under the link below, under the section Línea de Subvención «Programa de Fomento de la I+D+i Internacional».

Applicants eligible to participate in this project selection procedure are only companies described into Article 3.1 and Article 10 of the link below. 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.

[Orden de 5 de junio de 2017, por la que se establecen las bases reguladoras para la concesión de subvenciones destinadas a la promoción de la investigación industrial, el desarrollo experimental y la innovación empresarial en Andalucía.](#)

Projects eligible and specific requirements for this call, are described into Articles 8.2.a) and 9.4. Only TRLs from 5 till 7 will be eligible.

For further common details as eligible costs (Article 13 and 14), evaluation criteria (Annex II), funding rates (Annex III), project duration, Regional regulation, financial conditions among others general participation requirements, are described into the previous link.

After the CHIST-ERA full proposals evaluation, Applicants will need to fill in Application form for the administrative description and budget of the project and deposit it at “[Oficina Virtual Agencia IDEA](#)”. The first possible start day of the accepted projects is the day following after this application form submission.

#### **Purpose of funding**

The projects granted by Agencia IDEA must be aligned with the main objectives described in the [Regional innovation Strategy of Andalusia](#) (See also Annex V)

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Academy of Finland

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### **National Contact Point**

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### **Funding Criteria and Regulations**

#### **General**

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

#### **Applicant**

Applicant for Academy of Finland research funding (i.e. the PI of a research project) must have the qualifications of a professor or docent. 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 than 70% of the total project costs. Funding can be granted to research teams for 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 successful at the second call stage will be invited to submit national application forms. The Finnish partners have to agree in writing with the other project partners on the rights of ownership and use of the research results of the project as soon as possible after the funding decision has been made. Project partners have to clarify the rights and obligations of inventors with the other members of their research team as well as with their research partners and funding bodies.

More information on the Academy's general conditions and guidelines for funding:

<http://www.aka.fi/en/funding/how-to-use-the-funding/general-conditions-and-guidelines-for-funding/>

Guidelines for research project funding granted by the Research Council for Natural Sciences and Engineering:

<http://www.aka.fi/fi/tiedepoliittinen-toiminta/toimikunnat-rahoittajina/luonnontieteen-ja-tekniikan-tutkimuksen-toimikunta/>

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**National Contact Point**

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**Funding Criteria and Regulations**

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

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General Secretariat for Research and Technology (GSRT)

International S&T Cooperation Directorate – Bilateral Relations Division

14-18, Messogion Ave.

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### National Contact Point

Marios KONIARIS

Programme Officer

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### Funding Criteria and Regulations

#### Type of RTD

GSRT potentially supports the following types of RTD, namely: Industrial research, experimental development, feasibility studies (COMMISSION REGULATION (EU) No 651/2014 article 25)

#### Eligible applicants

GSRT potentially supports all private and public applicants, namely:

- Private – SME
- Private – large companies
- Non-profit research organisation
- Higher education institution
- Public research organisation
- Public organisation

#### Budget

EUR 1.500.000 national funding that comes from structural funds and particularly from Operational Programme for Research, Entrepreneurship and Innovation 2014-2020, Research and Innovation Smart Specialization Strategy (RIS3)

#### Further specifications

**A. Aid for research and development projects** (COMMISSION REGULATION (EU) No 651/2014 article 25)

##### 1. Kind of Research.

The aided part of the research and development project shall completely fall within one or more of the following categories:

- (a) industrial research;
- (b) experimental development;
- (c) feasibility studies

**2. The eligible costs of research and development projects** shall be allocated to a specific category of research and development and shall be the following:

- (a) personnel costs: researchers, technicians and other supporting staff to the extent employed on the project; (regarding the individual enterprises the contracts should abide by the national legislation and guidelines)
- (b) costs of instruments and equipment to the extent and for the period used for the project. Where such instruments and equipment are not used for their full life for the project, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible.

(c) Costs for buildings and land, to the extent and for the duration period used for the project. With regard to buildings, only the depreciation costs corresponding to the life of the project, as calculated on the basis of generally accepted accounting principles are considered as eligible. For land, costs of commercial transfer or actually incurred capital costs are eligible.

(d) costs of contractual research, knowledge and patents bought or licensed from outside sources at arm's length conditions, as well as costs of consultancy and equivalent services used exclusively for the project;

(e) additional overheads and other operating expenses, including costs of materials, supplies and similar products, incurred directly as a result of the project;

## **B. The aid intensity for each beneficiary:**

### **1. Public Research Institutes and Universities**

The aid intensity can reach 100% for performing non economical activities in accordance to the point 19 of the article 2.1.1 of the «Framework for State aid for research and development and innovation» (2014/C 198/01)).

### **2. Private Sector**

(a) 50 % of the eligible costs for industrial research;

(b) 25 % of the eligible costs for experimental development;

The aid intensities for industrial research and experimental development may be increased up to a maximum aid intensity of 80 % of the eligible costs as follows:

(a) by 10 percentage points for medium-sized enterprises and by 20 percentage points for small enterprises;

(b) by 15 percentage points if one of the following conditions is fulfilled:

(i) the project involves effective collaboration:

— between undertakings among which at least one is an SME, or is carried out in at least two Member States, or in a Member State and in a Contracting Party of the EEA Agreement, and no single undertaking bears more than 70 % of the eligible costs, or — between an undertaking and one or more research and knowledge-dissemination organisations, where the latter bear at least 10 % of the eligible costs and have the right to publish their own research results;

(ii) the results of the project are widely disseminated through conferences, publication, open access repositories, or free or open source software.

(iii) the aid intensity for feasibility studies may be increased by 10 percentage points for medium-sized enterprises and by 20 percentage points for small enterprises

### **C. Eligible costs as Indirect Costs**

Fixed percentage of 15% calculated on the basis of the personnel budget of the partner. Indirect costs are eligible for all Legal Entities.

### **D. Upper funding limits for the eligible costs**

Upper limit of the total public funding will be 200.000 € per project (including indirect costs). Please note that this amount can be increased to 250.000 € per project if Greek partner assumes the project coordination.

The maximum state aid intensity will be calculated according to the provisions of the European state aid rules and regulations in force (type of research activity, size of the participating enterprise, collaborative research).

### **E. Duration of the projects**

The duration of a funded project is 24- 36 months. A possible extension of the duration under conditions can be accepted maximum up to the 1/3 of the initial duration taking into account the starting date without modifying the scientific or increasing the financial part of the project and the prerequisites of the current Operational Programme 2014-2020 (e.g. closing date for financing the projects in national level).

**F. Evaluation**

In national level, only eligibility check is conducted and not a full evaluation in stages 1 and 2. We rely on the evaluation of external experts.

Further information regarding the categorization of aid intensity and the eligibility of costs is available at the national guide published at GSRT website (current national call/adjustments may be made in the next national calls).

For any clarifications please contact the NCP.

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**The Irish Research Council (IRC)**

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Ballsbridge  
Dublin 4  
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**National Contact Point**

Niall Kelly

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**Funding Criteria and Regulations**

The grants distributed by the Irish Research Council must be administered by an Irish higher education institution (HEI) that fulfils the Irish Research Councils criteria for an administering organisation.

Eligibility criteria for regular IRC funding programmes apply ([www.research.ie](http://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 Education 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.iaa.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.**



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Research Council of Lithuania

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### **National Contact Point**

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### **Funding Criteria and Regulations**

#### **Eligible applicants**

Researchers from Lithuanian higher education and research institutions (listed in the Register of Ministry of Education and Science of Republic of Lithuania) may participate in the consortia. The applicant who intends to act as a principal investigator (PI) or primary project implementer (PPI) has to be a scientist (researcher holding at least a Ph.D. degree). A person, acting as a PI or PPI is allowed to participate only in one proposal per Call.

Industrial partners are allowed to participate only in collaboration with Lithuanian higher education and research institution.

#### **Eligible costs**

Eligible direct costs for Lithuanian researchers:

- 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 primary project implementers of the Lithuanian team must be at least 20 hours multiplied by the duration of the project in months.

One project can require up to € 100 000 for a maximum of three years in Lithuania.

#### **Links to further information or documents:**

This is not a comprehensive list of requirements for the Lithuanian participants. All national rules are presented in the Lithuanian language in the call text and Rules for Financing ([Lietuvos mokslo tarybos mokslo ir sklaidos projektų konkursinio finansavimo bendrosios taisyklės](#))

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## Narodowe Centrum Nauki

u. Królewska 57  
30-081 Kraków  
Poland  
<https://ncn.gov.pl/?language=en>

*New address after December 1<sup>st</sup>, 2018:*  
ul. Twardowskiego 16  
30-312 Kraków  
Poland

**National Contact Point**

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Ms. Marlena Wosiak  
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**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?**

Any researcher, with a doctoral degree, employed at a Polish institution.

- **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 funding granted within calls for proposals for international research projects: [UNISONO](#).

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

- Personnel costs;
- Equipment – the cost of an individual item of equipment must not exceed PLN 500 000;
- Other costs such as:
  - Devices and software: costs of devices other than research equipment, as well as the cost of purchasing software instrumental
  - Materials
  - Outsourcing
  - Business trips (travel and subsistence costs)
  - Visits and consultations
  - Costs of knowledge transfer
  - Publication costs (incl. editing and translation costs)
  - Other consumables

**EURO exchange rate: 1 EUR = 4,2024 PLN****Please note:**

- All applicants invited to the full proposals stage of the Call must register their applications in the ZSUN/OSF submission system (MOZART/UNISONO application). The online application includes the following budget table:  
[http://ncn.gov.pl/sites/default/files/pliki/UNISONO\\_budget\\_table.xlsx](http://ncn.gov.pl/sites/default/files/pliki/UNISONO_budget_table.xlsx)
- Overhead costs must not exceed a **maximum of 40%** of the total eligible costs (excl. equipment) and may not be increased during the course of a research project.
- Administrative personnel costs and costs of organisation of conferences have to be covered from overheads.
- Applicants are obliged to adhere to the rules included in the Annex to NCN Council's Resolution on funding granted within calls for proposals for international research projects: [UNISONO](#).
- Information about Personal Data Processing at NCN is available under the following link: <https://ncn.gov.pl/dane-osobowe?language=en>

Executive Agency for Higher Education, Research, Development and Innovation Funding

21-25 Mendeleev Str., sector I  
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**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 2017.

**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.
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Slovenska Akademia Vied

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814 38 Bratislava  
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[http://www.sav.sk/?&lang\\_change=en](http://www.sav.sk/?&lang_change=en)

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### National Contact Point

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### 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 three years.

### 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 (Letter of Commitment). In addition to this, the teams outside of SAS can be consortium members but not the coordinator of the consortium.

#### Participation of young scientists?

It is strongly recommended the participation of the Early Career Scientists in the project. The Early Career Scientist must have been awarded his/her first doctoral degree at least 3 and up to 10 years prior to the pre-proposal submission deadline of the CHIST-ERA JTC 2018 call.

#### What types of funding are eligible for Slovak researchers?

##### 1. Eligible direct costs

###### 1.1 Personal 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 agreements performed outside of employment
- maximum of 15 % of all direct costs (ERA.Nets) or maximum of 30% of all direct costs, if Slovak team is a coordinator of consortium (ERA.Nets)

###### 1.2 Material costs and expenditures

- a. Consumables: minor equipment and instruments, small-scale office and laboratory material (no basic equipment of the workplace; essential computer 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 and living expenses: 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

- administration, energy and infrastructure
- maximum of 20% of all direct costs

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

Slovak researchers that are partners in a project selected for funding will be requested to submit an additional application to the SAS (MVTs form). A separate request to do so will be sent to the Slovak researchers after the recommendation for funding of the respective Call Steering Committee. Slovak researchers should submit this

application as soon as possible after having received the notification. The Presidium of SAS will make the final decision for funding of selected projects.

**Information also available at:**

[https://www.sav.sk/index.php?lang=sk&doc=services-news&source\\_no=25&news\\_no=7569](https://www.sav.sk/index.php?lang=sk&doc=services-news&source_no=25&news_no=7569)

**\* All Slovak partners must contact NCP prior to pre proposal submission.**

TÜBİTAK

EU Framework Programmes Division

Tunus Cad. No:80 Kavaklıdere

06100 ANKARA

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<http://www.tubitak.gov.tr>

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### **National Contact Point**

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### **Funding Criteria and Regulations**

Selected proposals will be funded under either:

- ARDEB 1001 Scientific and Technological Research Projects Funding Program, or
- TEYDEB 1509 International Industrial R&D Funding Programme

In general: proposals that are more academic research oriented are advised to apply for the ARDEB 1001 Research Projects Programme. Proposals that are more commercial/industrial research oriented are advised to apply for the TEYDEB 1509 International Industrial R&D Funding Programme. Researchers should identify the most appropriate program for their proposals by analysing the program details in which can be found on:

- ARDEB 1001: <https://www.tubitak.gov.tr/en/funds/academy/national-support-programmes/content-1001-scientific-and-technological-research-projects-funding-program>
- TEYDEB 1509: <https://www.tubitak.gov.tr/en/funds/industry/international-support-programmes/content-1509-tubitak-international-industrial-rd-projects-grant-programme>

In addition to international submission, Turkish partners also need to complete their national submissions during both first and second stages. Typically, national submissions will be closed within week after the deadline of international submissions. The application procedure will be published in the website [www.h2020.org.tr](http://www.h2020.org.tr) before the deadline.

**It is strongly recommended to contact NCP before the submitting the proposal.**

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United Kingdom Research and Innovation

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**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/>

The maximum amount that can be requested from the UK on one project is €350.000

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