Call 2014 for Research Proposals

Supporting the topics of

Resilient Trustworthy Cyber-Physical Systems

and

Human Language Understanding: Grounding Language Learning

Deadline:	**13 January 2015, 17:00 CET**
Documents and procedures:	http://www.chistera.eu
CHIST-ERA Secretariat:	Mathieu Girerd +33 1 73 54 82 13 mathieu.girerd@agencerecherche.fr
Indicative budget:	10,660,000 €

The Consortium of Funding Organisations "CHIST-ERA"

European Coordinated Research on Long-term Challenges in Information and Communication Sciences and Technologies ERA-NET

is supported by the

European Union's Seventh Framework Program

FUNDING OPPORTUNITIES from the
FUTURE & EMERGING TECHNOLOGIES scheme

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
Resilient Trustworthy Cyber-Physical Systems	**Human Language Understanding: Grounding Language Learning**
RTCPS	**HLU**
Indicative budgets:	
5,805,000 €	**4,855,000 €**

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

Austria
Belgium (Flanders and the Wallonia-Brussels Federation)
France
Ireland
Latvia
Poland
Canada (Québec)
Romania
Spain
Sweden
Switzerland
Turkey
United Kingdom (RTCPS only)

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

13 January 2015	**Deadline for proposal submission (17:00 CET)**
June 2015	Notification of accepted proposals
October 2015	Projects start
September 2017/2018	Projects end (duration: 24 or 36 months)

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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. **Resilient Trustworthy Cyber-Physical Systems (RTCPS);**
2. **Human Language Understanding: Grounding Language Learning (HLU).**

In previous years, CHIST-ERA calls have targeted quantum computing, consciousness, knowledge extraction, low-power computing, intelligent user interfaces, smart communication networks, adaptive machines and heterogeneous environments. Future calls will target new topics.

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 information and communication technologies. 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 Istanbul on 17-18 June 2014 during the CHIST-ERA strategic conference to identify important research challenges within the two selected topics. The workshop brought together ICST researchers from across a range of research communities and European countries. During the workshop the delegates identified a number of cross-disciplinary research challenges, which have formed the scope of this call. Presentations given at of the workshop are available on the CHIST-ERA website: http://conference2014.chistera.eu/.

Please note that attendance at the workshop is not a prerequisite for submitting an application to this call.

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.

1st Topic: Resilient Trustworthy Cyber-Physical Systems

Cyber-physical systems (CPS) refer to novel hardware and software compositions creating smart, autonomously acting devices, enabling efficient end-to-end workflows and new forms of user-machine interaction. In manifold emerging application domains such as health care, traffic management or energy supply, CPS carry a high potential for creating new markets and solutions to societal hazards, but impose highest requirements to quality in terms of resilience, safety, security and privacy. However, the heterogeneous, evolving and distributed nature of CPS bears major challenges to continuously assure these quality requirements employing state of the art methods and technologies. Foundational research efforts are needed to achieve a predictable quality level in an efficient, traceable and measurable way, coping efficiently with external and internal changes, supporting necessary transitions between mechanical, electrical and software engineering, as well as integrating management, design and deployment aspects.

Target Outcomes

Research proposals submitted to this call must contribute to advancing the state of the art in one or more of the four research themes described below. In all cases, research proposals must identify a well defined use case and a clear plan for quantitatively measuring performance, including if necessary collection of data representative of the use case. In particular, the performance measurement should take into account the actual or estimated probability and impact assessment of unwanted events and states (such as vulnerabilities, incorrect system behaviour or trustworthiness of service providers, etc.) for the use case, such as in risk-based testing.

- **Information Confidentiality**
  This theme includes the design and development of novel methods tailored to specific cyber-physical systems to prevent and/or assess information leakage and enhance information integrity. It also includes development of innovative physical layer security methods for improved privacy and security.
- **Security**
  This theme includes risk-based security analysis and testing and the design and development of novel security-aware methods tailored to specific cyber-physical systems. It also includes the understanding, modelling and managing of access protection and distributed data, and the reconciliation of security and safety requirements.
- **Change Management**
  This topic includes new methods tailored to specific cyber-physical systems for the prediction and detection of changes, including response under attack. It also includes methods to cope with changes, systems-aware components and adaptability of the system to different requirements.
- **Human Factors**
  This topic includes modelling human interaction with cyber-physical systems, understanding of human factors in decision making, and understanding human needs and requirements within the system.

Expected Impact

In addition to the criteria set out above, proposals submitted to this call are expected to contribute to one or more of the following objectives:

- Build and strengthen an interdisciplinary community of researchers working across the different domains of cyber-physical systems (e.g. academic and/or industrial researchers in software, electrical, mechanical engineering, formal methods).
- Create new methods for specific emerging application domains (e.g. smart health care devices, smart grids, car-to-x communication) with a concrete use case and concept for scientific empirical evaluation.
- Create new technologies, methods and prototypes that address a business-related perspective (e.g. costs or compliance).

2nd Topic: Human Language Understanding: Grounding Language Learning

Having a machine understand language like a human being is a long-held goal of Artificial Intelligence. However, even though the domain of automatic language processing has made steady progress over the last decades and some applications are out on the market, the machine is still far from reaching human performance. A fundamental difficulty is how to model high-level, semantic and pragmatic knowledge in a robust fashion. To overcome this difficulty, the machine learning approach which has proved very successful to train linguistic models from linguistic data should be extended to learn more general knowledge models from much more varied, multimodal data, in a more interactive setting, possibly granting important roles to the situational context of the words and to the internal state of the system. The goal is to ground language learning in the perceptual, emotional and sensorimotor experience of the system. This requires a highly multidisciplinary approach, combining the field of human language processing, along with its associated skills in corpus creation and objective evaluation, with related fields approaching human language research from a different perspective such as developmental robotics or cognitive neuroscience.

Target Outcomes

Any research proposal submitted to this call must identify a human language processing task for which the following two conditions apply:

1. progress can be expected from using new types of data in addition to those traditionally used in the domain of human language processing, and
2. progress can be measured experimentally, with possibly innovative but in any case well defined metrics and protocols.

The proposal must describe how it targets such progress. It should in particular provide information on the tools, techniques, models, methods and approaches it plans to develop. It must also include clear plans for acquiring and annotating data as needed and for allowing others to replicate the experiments conducted in the project, possibly through simultaneous joint experiment campaigns.

The main target outcome of a project is expected to be a new multidisciplinary approach leading to measurable progress beyond the state of the art on an identified human language processing task. Besides, making data created in the framework of the project widely available can also be an important outcome.

Expected Impact

In addition to the criteria set above, proposals submitted to this call are expected to contribute to one or more of the following objectives:

*   Build and strengthen an interdisciplinary community of researchers sharing similar goals in the domain of artificial intelligence.
*   Advance the state of the art in human language processing and provide means and data for large experiments in human language development research.
*   Create much more flexible and robust human language processing technologies.
*   Ease adoption of these technologies by making them more adaptive to the users.

Eligibility

Proposals are submitted by international consortiums with partners (research groups) in multiple countries.

CHIST-ERA is a hybrid funding instrument. 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.

If a partner may be eligible to receive funding by multiple participating organisations, the partner must choose a single organisation for funding.

It is necessary that both the **consortium is eligible** for CHIST-ERA and **all partners are eligible** to be funded by their chosen organisation.

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 CHIST-ERA.

Eligibility of the Consortium

The following criteria must be met:

1. The consortium is **international**:
   - It must have a minimum of three partners;
   - Partners must be located in 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.
3. The consortium is **focused**:
   - Research must have a clearly defined goal. Consortia should normally contain between three and six partners.

CHIST-ERA projects have a duration of either 24 or 36 months.

Research groups who are not eligible to receive funding by 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;
- only fund non-commercial research.

The table on the next page provides an overview of each organisation's eligibility rules. Details as well as contact points can be found in the annex.

In order not to jeopardize the whole consortium, partners should ensure that no 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 annex for detailed conditions.

Organisation	Country	Budget (k€) † RTCPS	Budget (k€) † HLU	Max. number of projects † RTCPS	Max. number of projects † HLU	Prior contact ‡	Additional forms ‡	Industrial partners eligible ‡	Reference funding scheme	Additional information
ANR	**France**	1000	1000	3-5	3-5	Yes*	No	Yes	Collaborative Project	
EPSRC	**UK**	1200	0	2-4	0	No	No	No	Standard Mode	
FNRS	**Belgium**	200	200	1	1	Yes	No	No	"Projets de recherche"	Only Wallonia-Brussels Federation.
FRQNT	**Canada**	250	250	1	1	Yes	Yes	Yes	—	
FWF	**Austria**	300	300	2-3	2-3	Yes	Yes	Yes	Stand-alone projects	
FWO	**Belgium**	200		1		No	No	No	Research Projects	Only Flanders.
IRC	**Ireland**	150		1		No	No	No	—	
LZA	**Latvia**	200	200	1	1	Yes	No	Yes	Support for participation in the EU research and technology development programs.	
MINECO	**Spain**	400	400	3-4	3-4	No	No	No	"Acciones de Programación Conjunta Internacional"	
NCN	**Poland**	250	250	1	1	No	Yes	No	—	
SNSF	**Switzerland**	500	500	2-3	2-3	Yes*	Yes	Yes	Project (division II)	
TÜBITAK	**Turkey**	750	750	3-4	3-4	No	No	Yes	1001	
UEFISCDI	**Romania**	250	500	1-2	2-3	No	No	No	Exploratory Research programme	
VR	**Sweden**	330	330	1-3	1-3	No	No	No	—	

* Prior contact is required if PI was never supported by reference funding scheme.

† The budget and the maximum number of projects are indicative and represent the committed funding available for all projects the organisation supports in this topic. It is given as 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.

Application Procedure

1. 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.

2. Submit the Proposal

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

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 consortium application must do so at this point.

The coordinator and all partners must be in a position to diligently answer email queries after the submission. If a partner's PI is not available, he must be represented by a collaborator of 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.
2. **S/T Quality:** Scientific and/or technological excellence:
    a. Soundness of the concept, and quality of the objectives;
    b. Progress beyond the state-of-the-art;
    c. Quality and effectiveness of the methodology and the associated work plan;
    d. Originality and novelty of ideas.
3. **Implementation:** Quality and efficiency of the implementation and management:
    a. Appropriateness of the management structure and procedures;
    b. Quality and relevant experience of individual participants;
    c. Quality and added value of the consortium (complementarity, balance, etc.);
    d. Appropriateness of allocation and justification of requested resources (staff, equipment…);
    e. Identification of risks.
4. **Impact:** Potential impact through the development, dissemination and use of project results:
    a. Contribution, at the European and/or international level, to the expected impacts;
    b. Societal and scientific importance;
    c. Appropriateness of measures for the dissemination and/or exploitation of project results, and management of intellectual property.

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

On the basis of the ranking in each topic and of available funding, a board representing the call's funding organisations (Call Steering Committee) prepares a list of projects recommended for funding.

Management of Projects

Setting up the Consortium

If the 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 funding starting 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 a project's start, 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

Consortiums 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 of the end of each period.

Some funding organisations require separate reports for individual project partners. This is specified in their grant agreement.

Any publications resulting from CHIST-ERA projects must acknowledge CHIST-ERA, and an electronic copy must be sent to the CHIST-ERA Secretariat.

Annex: Funding Organisation's Contact Points and Regulations

Austria   FWF

FWF—Der Wissenschaftsfonds
Sensengasse 1
1090 Wien

http://www.fwf.ac.at/
Fax: +43 1 505 6739

National Contact Point

Dr. Stefan Mühlbachler   Mag. David Miksits

+43 1 505 6740 8408   +43 1 505 6740 8410
stefan.muehlbachler@fwf.ac.at   david.miksits@fwf.ac.at

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 5-8 of "application guidelines" available at the FWF website:

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

Applications forms can be found following the link above.

mandatory are:

- 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
- Itemization of requested funding (only FWF part)

If existing:

- National research partner
- Itemization form-Equipment
- Transferred equipment form

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

Belgium   FWO

National Contact Point

Dr. Olivier Boehme
Science Policy Advisor

+32 2 550 15 45
olivier.boehme@fwo.be
eranet@fwo.be

Wim Schreurs
Advisor – Research Affairs

+32 2 550 15 55
wim.schreurs@fwo.be
eranet@fwo.be

Funding Criteria and Regulations

FWO will fund one project in total. FWO will not fund industrial partners.

Art. 9 of the FWO-regulation on the regular research projects is applicable. Art. 16-22 give more information on the cost categories. You can find the FWO-Regulations for Research Projects on the FWO-website:

http://www.fwo.be/en/fellowships-funding/research-projects/research-project/regulations-for-research-projects/

Belgium   FNRS

National Contact Point

Mrs. Freia Van Hee
Policy Officer

+32 2 504 93 09
freia.vanhee@frs-fnrs.be

Dr. Arnaud Goolaerts
Scientific Advisor, F.R.S.-FNRS

+32 2 504 93 28
arnaud.goolaerts@frs-fnrs.be

Funding Criteria and Regulations

Project duration: The maximum amount of requested funding per project is 200.000 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.

Eligibility of the proposal: Additional national eligibility criteria for the proposal beyond the general criteria in the Terms of Reference of the joint call

- Basic research (low Technology Readiness Level) carried out in a research institution from the "Fédération Wallonie-Bruxelles"
- The FNRS will not fund industrial partners or any activity related to the private sector.

Eligibility of applying scientists

The applicant must be affiliated to a research institution from the Fédération Wallonie-Bruxelles. The applicant should also:

- be a permanent researcher of F.R.S. - FNRS (Chercheur qualifié, Maître de recherches or Directeur de recherches),
- or hold a tenure track position (or an assimilated position including pending tenure track) within a research institution from the Fédération Wallonie-Bruxelles,
- or be a permanent research staff member in the 'Ecole Royale Militaire',
- or be a permanent research staff member of a federal scientific institution in which case he can act as a co-promotor only.

The applicant should not have reached retirement at the starting date of the project. If the applicant reaches the age of retirement in the course of the project, he should precisely describe in the proposal how the handover will be managed. A single applicant may only participate once in a consortium applying to this call.

Eligible cost items

The maximum amount allocated per project is 200.000 EUR. The following costs are eligible:

- **Personnel:**
    - Scientifique doctorant € 36.400/year
    - Scientifique non postdoctoral € 62.000/year
    - Scientifique postdoctoral € 72.300/year
    - Technicien € 52.600 (full time/year) - € 26.600 (half time/year)
    - Chercheur temporaire postdoctoral € 46.600/year

    The categories "scientifique doctorant" and "chercheur temporaire postdoctoral" can only be Full time positions. The category "vétérinaire clinicien-chercheur spécialiste" is a part-time position. The three other positions can be filled in either Full time or part-time.

- **Equipment (max. 10.000 EUR/year)**
- **Running costs: (max. 15.000 EUR/year):** travel expenses; organisation of small scientific events in Belgium; consumables and the following support costs: conception d'ouvrage, réalisation de dictionnaire, achat de livre, encodage, location de licence de logiciel, inscription à un congrès, ordinateur, scannage.

"Overhead" is not an eligible cost. If the project is selected for funding, these costs will be subject to a separate agreement between the institution of the beneficiary and 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

France   ANR

Agence Nationale de la Recherche
50 avenue Daumesnil
75012 Paris

National Contact Point

Mathieu Girerd
Chargé de mission CHIST-ERA

+33 1 7354 8213
mathieu.girerd@agencerecherche.fr

Funding Criteria and Regulations

The specific appendix for applicants from France will be available by end November on the website of ANR:
http://www.agence-nationale-recherche.fr/AAPProjetsOuverts.

Ireland   IRC

The Irish Research Council (IRC)

www.research.ie

National Contact Point

Justin Sinnott

+353 1 2317131
jsinnott@hea.ie

Funding Criteria and Regulations

The Irish Research Council funds research of the highest scientific quality, and promotes research collaboration and the exchange of experience.

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.

The grant can be used to cover any type of project-related costs, for example salaries (including your own salary, corresponding to your level of activity in the project), travel (including visits to, and stays at, research facilities), publication costs, minor equipment and depreciations, etc. The grant may not be used for scholarships. If the project involves a doctoral student, project funding may not be used to pay salary for the time the doctoral student is teaching.

Financial and scientific reports must be submitted at national level at the end of the project.

Latvia   LZA

Latvian Academy of Sciences
Centre of European Programs
Akademijas laukums 1
Riga

www.lza.lv

National Contact Point

Dr. Maija Bundule

+371 67227790
maija.bundule@lza.lv

Funding Criteria and Regulations

Eligibility criteria defined in the Regulations of the Council of Ministers of the Republic of Latvia No 414 on the procedure for providing support for participation in international cooperation programs for research and technology (adopted on 19 June 2012) are applied.

Following organizations are eligible for funding: universities, research institutes and research centres and enterprises. They must be listed in the Registry of Research Institutions operated by the Ministry of Education and Science of the Republic of Latvia.

For applicants a maximum of 70 000 Euros can be requested per project year.

You must contact LZA prior to submission.

Poland   NCN

Narodowe Centrum Nauki

u. Królewska 57
30-081 Kraków, Poland

National Contact Point

Dr. Jakub Gadek   Ms. Sylwia Kostka

+48 (12) 3419152   +48 (12) 3419018
jakub.gadek@ncn.gov.pl   sylwia.kostka@ncn.gov.pl

Funding Criteria and Regulations

Only proposals involving basic research may be submitted in response to the call for proposals.

What are the eligible costs for Polish researchers?

- Polish research institutions as referred to in Art. 10 of the Act of 30 April 2010 on the Principles of Financing Science (Dz. U. z 2010 r. nr 96, poz. 615 z późn. zm.)
  http://www.ncn.gov.pl/sites/default/files/pliki/ustawy/ustawa-o-ncn.pdf
- The applicant who intends to act as Principal Investigator in the CHIST-ERA Consortium must be a researcher with a doctoral degree, with an established scientific record
- Principal Investigator must be employed at a Polish research institution, have necessary qualifications, the required infrastructure and sufficient free capacity to carry out the requested project in full.

Forms to be submitted:

- Applicants must provide basic administrative data via the OSF electronic submission system.

Please note:

- Under this scheme the NCN will not offer state aid grants:
  http://www.ncn.gov.pl/finansowanie-nauki/pomoc-publiczna?language=pl
- Overhead costs must not exceed a maximum of 30% of eligible costs (excl. equipment) and may not be increased during the course of a research project
- Administrative personnel costs have to be covered from overheads
- Applicants are obliged to adhere to the rules included in the following document:
  http://www.ncn.gov.pl/sites/default/files/pliki/katalog%20kosztow.pdf

Canada (Québec)   FRQNT

Fonds de recherche du Québec – Nature et technologies

http://www.frqnt.gouv.qc.ca/

National Contact Point

Mr Guillaume Lamontagne
International collaborations and programs officer

(418) 643-8560 extension 3455
guillaume.lamontagne@frq.gouv.qc.ca

Funding Criteria and Regulations

Projects with industry partners can be funded.

Applicants have to contact FRQNT and send a letter of intention resuming their project prior to submitting it to CHIST-ERA.

Romania   UEFISCDI

Research Funding Directorate

Management and Administration of Exploratory Research Programmes
European Science Foundation Department

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

National Contact Point

Monica Cruceru
Expert

+40 21 308 05 61
monica.cruceru@uefiscdi.ro

Funding Criteria and Regulations

- The leader of Romanian team must have a doctorate. If the doctoral diploma is not officially recognized in Romania, its recognition must be obtained before signing of the funding contract;
- The leader of Romanian team has a fixed term contract with an institute from Romania covering at least the duration of the project or has the agreement of the host institution for his or her employment at least for the duration of the contract;
- It is forbidden to submit a proposal which seeks to fund activities which had already obtained funding from the state budget;
- The host institution does not have a seizure on its accounts; it has not made false declarations concerning the information required by the UEFISCDI; it has not broken the terms of a different contract signed previously with the UEFISCDI;
- The host institution agrees to ensure the necessary administrative support, to provide access to all necessary infrastructures, to support the implementation of the project in good conditions and to employ the members of the Romanian team, while observing all legal provisions in force.
- A Romanian researcher can submit only one proposal per call topic.
- A Romanian PI could not have simultaneously more than one funded project under CHIST-ERA Scheme.

Eligible costs

- Personnel / Staff costs (including all corresponding state and social contributions) – the Romanian team including the PI, will be paid according to the provisions of the Governmental Decision 475/2007 (upper ceilings) and in full compliance with the working contract of Romanian team with its organization;
- Equipment and consumable costs necessary for the JRP, including equipment, consumables, material expenses, publication, information / bibliography expenses or for access to the research infrastructure of third parties, subcontractors, etc.
- Travel and subsistence allowances (including travel and accommodation costs, allowances, conferences fees, medical insurances, visa fees) corresponding to international travel of the Romanian JRP team members, for documentation periods, participation in high level scientific conferences thematically linked to the JRP, workshops and communications in the field of the JRP;
- Overhead - indirect expenses are calculated as a percentage of direct expenses: salaries, inventory and mobility (no more than 25%).

General regulations

- The Romanian partners awarded in this call are invited to contract under the National Plan for RDI 2014-2020 rules;
- 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.

Spain   MINECO

Subdirección General de Proyectos Internacionales
C/ Albacete, 5
ES-28027 Madrid (Spain)

+34 916037990

National Contact Point

Dr. Federico J. Mompeán   Mr. Alfio Rodeghiero

+34 9160 37990   +34 9160 38399
sgint.fm@mineco.es   era-ict@mineco.es

Funding Criteria and Regulations

MINECO will be responsible for taking the final decision regarding the award of funds to the Spanish partners. The final decision will take fully into account the transnational evaluation of the cooperative project and the financial resources available. Successful applicants will be invited to participate in a National Call within the "Acciones de Programación Conjunta Internacional". Only excellent projects where international collaboration is a clear added value will be funded.

Entities eligible for MINECO funding are universities and other public research institutions, as well as private non-profit institutions that carry out R&D activities in Spain, including Technological Centres (Centros Tecnológicos). Although enterprises cannot be funded through this Call by MINECO, the Spanish private sector is very much welcome to associate with Spanish research institutions in order to participate in this Call, using own funds or funding from other National or Regional calls. In particular, eligible applicants planning to take part in consortia including industrial participation from other countries are strongly advised to seek association with the Spanish private sector.

MINECO will avoid double funding and will not finance projects or parts of projects that have been funded through other national, regional or EU calls. In particular, it is not allowed either to apply for funding in more than one proposal of this call, or to overlap funding in this call with other ERA-NET running projects.

Funding: Up to 100% of the marginal project costs in the following categories: personnel costs for temporary contracts, direct costs (consumables, small scientific equipment, travel, other costs). Up to 50% of total costs for those institutions that can apply under total costs scheme, and according to national regulations (Basic regulations: Orden de bases ECC/1780/2013, published in BOE 02.10.2013). Indirect costs (overheads) are not eligible.

Budget for Spanish partners: Maximum funding is 100.000 € per partner (140.000 € if the Spanish partner is the consortium coordinator). When two Spanish partners participate in the same proposal, the maximum total funding for the Spanish part should not exceed 150.000 €. If one of them is the project leader, this maximum could be higher than 150.000 €, depending on the objectives.

Project budgets are expected to be well balanced in relation to the relative weight of Spanish partners in the consortium and, for consortia with industrial participation, to the presence of Spanish industrial associates.

Sweden   VR

The Swedish Research Council (VR)

www.vr.se

National Contact Point

Birgitta Myrman

+46 8 546 44 224
+ 46 733 553852
birgitta.myrman@vr.se

Funding Criteria and Regulations

The Swedish Research Council funds basic research of the highest scientific quality, and promotes research collaboration and the exchange of experience. Terms and conditions for granting projects can be found at: http://www.vr.se/inenglish/researchfunding/applyforgrants/generalconditionsforgrantapplications.4.5adac704126af4b4be280007743.html

The applicants need to hold a PhD at the time of application.

The grants distributed by the Swedish Research Council must be administrated by a Swedish university, higher education institution (HEI) or other public organisation that fulfils the Swedish Research Councils criteria for an administrating organisation. Eligible organisations can be found under the link above.

The grant can be used to cover any type of project-related costs, for example salaries (including your own salary, corresponding to your level of activity in the project), travel (including visits to, and stays at, research facilities), publication costs, minor equipment and depreciations, etc. The grant may not be used for scholarships. If the project involves a doctoral student, project funding may not be used to pay salary for the time the doctoral student is teaching. The minimum amount for which you may apply is SEK 300 000 per year, including indirect costs.

Financial and scientific reports must be submitted at national level at the end of the project.

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

National Contact Point

Dr Georges Klein
Scientific Officer

+41 31 308 21 68
georges.klein@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. Swiss applicants who have not previously obtained a Project grant in division II must contact the national contact point.

Please note that article 15 of SNSF funding rules (multiple parallel grants) applies.

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 the online mySNF tool on or before the day the consortium application is submitted. Please select the Projects/ERA-NET funding instrument when creating the administrative application.

Turkey   TÜBITAK

TÜBITAK
EU Framework Programmes

Tunus Cad. No:80 Kavaklidere
06100 Ankara

http://www.tubitak.gov.tr
www.h2020.org.tr

National Contact Point

Ezgi Bener

+90 312 468 5300/2580
ncpict@tubitak.gov.tr

Funding Criteria and Regulations

Information will be available before the call deadline of the TÜBITAK EU website http://www.h2020.org.tr/.

The previous version for the 2013 call is available:

http://www.fp7.org.tr/home.do;jsessionid=D833A98274F3AC33DAF5DE9C3920BE75?ot=5&rt=1&sid=3222&pid=0&cid=27217

Projects with industry partners can be funded via 1001 Programme.

United Kingdom   EPSRC

Engineering and Physical Sciences Research Council

www.epsrc.ac.uk

National Contact Point

Dr Susan Peacock
Portfolio Manager, Information and Communication Technologies

+44 (0)1793 444578
Susan.Peacock@epsrc.ac.uk

Funding Criteria and Regulations

For UK applicants, the standard RCUK eligibility criteria apply. See "Funding Guide: Eligibility" at EPSRC website:

http://www.epsrc.ac.uk/funding/howtoapply/fundingguide/