

Call 2016 for Research Proposals

Supporting the topics of

Lifelong Learning for Intelligent Systems

and

Visual Analytics for Decision-Making under Uncertainty

Deadline: 17 January 2017, 17:00 CET

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

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Indicative budget: 7,000,000 €

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





















CHIST-ERA is an ERA-NET on Long-term Challenges in Information and Communication Sciences and Technologies

The coordination of the CHIST-ERA Funding Organisations is supported by the

European Union's Seventh Framework Program



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 I	Topic 2	
Lifelong Learning for Intelligent Systems	Visual Analytics for Decision-Making under Uncertainty	
LLIS	VADMU	
Indicative budgets:		
3,725,000 €	3,275,000 €	

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

Austria
Belgium (Wallonia-Brussels)
France
Ireland
Latvia
Poland
Romania
Spain
Switzerland
Turkey

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.

Timeline

17 January 2017	Deadline for proposal submission (17:00 CET)
July 2017	Notification of accepted proposals
l October 2017	First possible start date for accepted projects

Table of Contents

Key Facts & Figures	2
Table of Contents	3
Research Targeted in the Call	4
Ist Topic: Lifelong Learning for Intelligent Systems	5
2 nd Topic: Visual Analytics for Decision-Making under Uncertainty	6
Eligibility	7
Eligibility of the Consortium	7
Eligibility of Partners	7
Eligibility of Partners: Overview Table	8
Application Procedure	9
I. Ensure the Proposal is Valid	9
2. Submit the Proposal	9
Evaluation and Selection of Proposals	10
Management of Projects	11
Setting up the Consortium	11
Reporting and Publications	11
National Annex: Funding Organisation's Contact Points and Regulations	12
AT – Austria	12
BE — Belgium	13
CH – Switzerland	14
ES – Spain	15
FR – France	17
IE – Ireland	18
LV – Latvia	19
PL – Poland	20
RO – Romania	21
TR – Turkey	22

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. Lifelong Learning for Intelligent Systems (LLIS);
- 2. Visual Analytics for Decision-Making under Uncertainty (VADMU).

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, and terahertz communication.

The <u>CHIST-ERA</u> 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 "<u>Future and Emerging Technologies (FET)</u>" 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 Vienna on 8-10 June 2016 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://conference2016.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.

1st Topic: Lifelong Learning for Intelligent Systems

Intelligent systems are becoming pervasive in our daily life. However, they still lack the capability to learn from users or their environment and improve themselves without intervention from their initial developers. Such a capability of incremental autonomous learning, or lifelong learning, is a key to the development of truly autonomous intelligent systems.

Developing such capabilities requires a suitable organization to evaluate models and techniques in a quantitative and comparable way. Such an organization has been instrumental in driving the progress leading to the intelligent systems we know today, but has to be adapted to the case of lifelong learning. New protocols are needed, whereby the autonomous learning phase is included in the test phase, the scope of the potential improvements targeted in this phase is agreed upon beforehand, and the metric might not only be about the final performance but also about the amount of information needed to reach it. Simulating the system environment might also be needed in the case of interactive learning. These new protocols can thus be a subject of research themselves.

Developing lifelong learning capabilities also raises fundamental questions such as how to avoid system regression when adapting to a new environment, how to efficiently learn through interaction, and how to work with initially unknown goals. Addressing such questions is expected to require a multidisciplinary approach, combining various techniques such as machine learning and knowledge representation, and bringing together expertise from various domains such as multimedia (speech, language, image or video) information processing and developmental robotics, among others.

Target Outcomes

Projects should aim at developing systems which offer state-of-the-art performance on a known task and are able to autonomously learn from further inputs in order to further improve on the same task or on an extended one. The use cases, scenarios and data used to train and test the systems should be real or realistic. Proposals should precisely describe the foreseen evaluation protocols and the means to implement them. They should also precisely describe the models and techniques to be explored. Key challenges are expected to be:

- Actively exploring the environment, possibly being guided by autonomously defined new goals, and identifying the important information using the current knowledge of the system;
- Incorporating new information to update past knowledge while avoiding system regression;
- Limiting the need to return to the initial training data;
- Taking into account the interplay of user feedback and the system output.

Expected Impact

In addition to the criteria set above, proposals should explain how they will contribute to the following objectives:

- Build and strengthen an interdisciplinary research community that crosses traditional boundaries between research disciplines;
- Support the development of objective benchmarks and evaluation strategies for lifelong learning;
- Build momentum and enable reproducibility beyond the project consortia.
- Make intelligent systems more usable;
- Reduce the cost of data management and limit or remove the need for users to provide data to developers;
- Enhance the value-chain of actors, including third parties able to adapt systems for categories of end users, and create new market opportunities;
- Better address security, ethical or legal issues with the behavior of intelligent systems and enhance trust in such systems.

2nd Topic: Visual Analytics for Decision-Making under Uncertainty

One central challenge of big data analytics is to understand their reliability, scope, and accuracy, and to communicate them to users in an intuitive manner. New visual analytic tools and approaches are needed to support trusted and efficient decision making under uncertainty. These are expected to require uncertainty analysis of ensemble data, sensitivity analysis of input-output models, and supported decision making that will allow expert users to understand the reliability and conflicts inherent in the analysis and the associated risks involved in subsequent decision making. They should provide new visual and multimodal interfaces to support user interaction with data. This is a multidisciplinary challenge that stretches across computational and related sciences. There is a need for research on real-world applications, with an integrated approach to modelling, visualization and user interaction, and which demonstrates measurable improvements in performance for users.

Target Outcomes

Projects should enable the creation of tools, demonstrable methodologies and assistive technologies for visual data analytics, in order to help organizations and institutions to rapidly recognize disruptive propositions and opportunities. Such tools and methods should be designed with full consideration of the user and application. Proposals are expected to include a cross-disciplinary skill base to ensure usability and efficacy.

Key challenges and opportunities are expected to be:

- Multidisciplinary modelling approaches which integrate visual, numerical and domain-specific methods to better meet user needs;
- Visualizing and interpreting large data sets and communicating their context, value, reliability, scope, accuracy and uncertainty in an intuitive manner;
- Creating multimodal user interfaces to support user interaction with data;
- Measuring the performance of such tools in real or realistic user environments, using representative data and user testing.

This call is expected to bring together expertise from across the research community in a variety of fields, including Applied Mathematics, Statistics, Modelling and Simulation, Uncertainty Analysis, Information Retrieval, Data Analysis, Data Science, Data Visualization, Visual Design, Human-Computer Interaction, Cognitive and Behavioral Science, Computer Vision, and Image Processing, among others.

Expected Impact

In addition to the criteria set above, proposals should explain how they will contribute to the following objectives:

- Build and strengthen an interdisciplinary research community that crosses traditional boundaries between research disciplines;
- Enhance informed decision making under uncertainty in industrial, policy or other realistic environments:
- Improve representation of uncertainty in large data sets;
- Increase trust and confidence in modelling and data analysis.

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 CHIST-ERA.

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.

Eligibility of the Consortium

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

The following criteria must be met:

- I. 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.

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;
- 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** Budget (k€) † Max. number Prior Addi-Industrial Reference Additional information organisation of projects † tional contact partners funding eligible forms scheme LLIS **VADMU** LLIS VADMU ‡ ‡ 1-2 Yes AT **FWF** 300 300 1-2 Yes Yes Stand-alone projects "Projets de BE **FNRS** 150 150 Yes No No Only Wallonia-Brussels Federation. recherche" "Programmes/ERA-CH **SNSF** 500 500 1-3 1-3 Yes* Yes Yes Read specific conditions in national annex. NET" "Acciones de Programación ** Read specific conditions in national No** ES **MINECO** 500 3-4 No No Conjunta annex. Internacional" FR **ANR** 750 750 3-4 3-4 Yes* No Yes Collaborative Project Standard IRC eligibility criteria apply. You ΙE IRC 150 Yes No No must contact IRC prior to submission. Support for participation in the EU research and technology LV 200 1-2 VIAA Yes* Yes No development programs Applicants must fill in NCN UNISONO form via the OSF electronic submission PL **NCN** 500 1-3 No Yes Yes system http://www.osf.opi.org.pl/app/adm/start.do 2-3 RO **UEFISCDI** 500 Yes Yes Yes PNCDI III - Subprogram 3.2 HORIZON 2020

750

3-4

2-3

1.000

Yes

Yes

TÜBITAK

TR

Yes

Funding Program

TUBITAK 1001- Scientific and Technological Research Projects

^{*} Prior contact is required if PI has never been supported by reference funding scheme.

[†] 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.

Application Procedure

I. 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, they 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 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.

National Annex: Funding Organisation's Contact Points and Regulations

AT - Austria

FWF

FWF—Der Wissenschaftsfonds Sensengasse I 1090 Wien

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

National Contact Point

Dr. Stefan Mühlbachler

+43 | 505 6740 8408

+43 | 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 I and 5-7 of "application guidelines" available at the FWF website:

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

Applications forms can be found following this link:

 $\underline{http://www.fwf.ac.at/de/forschungsfoerderung/antragstellung/internationale-programme/joint-projects-era-net-calls}$

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 of requested funding (only FWF part)

If existing:

- National research partner
- Itemisation form-Equipment
- Offer for equipment ≥ 400€
- 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.

BE - Belgium

FNRS

Contact Point

Dr. Florence Quist Scientific Officer +32 2 504 93 51

Scientific Officer +32 2 504 93 28

arnaud.goolaerts@frs-fnrs.be

Dr. Arnaud Goolaerts

florence.quist@frs-fnrs.be

Funding Criteria and Regulations

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

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 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 150.000 EUR. The following costs are eligible:

• Personnel:

- o Scientifique doctorant € 37.200/year
- o Scientifique non postdoctoral € 63.300/year
- o Scientifique postdoctoral € 73.800/year
- o Technicien € 53.700 (full time/year) € 27.200 (half time/year)
- o Chercheur temporaire postdoctoral € 47.600/year

The categories "scientifique doctorant" and "chercheur temporaire postdoctoral" can only be Full time positions. The three other positions can be filled in either Full time or part-time.

- Equipment (max. 10.000 EUR/year)
- Running costs: 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

CH - 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, see also the <u>Regulations</u> on <u>project funding</u>. Swiss applicants who have not previously obtained a Project grant in division II must contact the national contact point.

Partners of the international project consortium applying for funding at other funding agencies as 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.

Please note that article 17 of the SNSF Funding Regulations (grants with overlapping funding periods) applies. Proposals with overlapping funding periods are only approved if the research projects clearly address separate topics or pursue different goals in the context of this European programme.

Grants will be managed according to <u>standard SNSF rules</u>; 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 for the same deadline as the consortium application is submitted. Please select the Programmes/ERA-NET funding instrument when creating the administrative application.

ES - Spain

MINECO-AEI

Subdirección General de Proyectos Internacionales Paseo de la Castellana 162 ES-28046 Madrid (Spain)

+34 916037990

National Contact Point

Administrative and technical issues: Scientific issues: Representative:

Watse Castelein Severino Falcón Dr. Federico J. Mompeán

+34 9160 38876 severino.falcon@mineco.es sgint.fm@mineco.es

era-ict@mineco.es

Funding programme

Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad, <u>Plan Estatal de Investigación Científica Técnica y de Innovación 2013-2016</u>.

The instrument for funding the Spanish groups will be the Spanish Call on International Joint Programming Actions (Acciones de Programación Conjunta Internacional), which will be launched in 2017 (APCIN 2017) or the equivalent. Only as a reference, the beneficiaries are advised to read the call APCIN 2016.

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

Purpose of funding

The projects granted by the MINECO must be aligned with the main objectives described in the Programa Estatal.

Funding commitment

Maximum funding for the CHIST-ERA call 2016: 500.000 €

Eligible criteria

Eligible legal entities for MINECO funding:

Non-profit research organizations according to the APCIN call

I) Although enterprises won't be funded through the APCIN Call, the Spanish industrial sector is much welcome to participate in the transnational consortia using their own funds.

Final rules on eligibility will be described at the APCIN2017 call, to be published here.

Additional eligibility criteria

Mandatory:

Spanish Principal investigators **must be** eligible according to the APCIN 2017 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.

Not allowed:

- Principal Investigators are not allowed to apply for funding in more than one proposal of the CHIST-ERA call 2016.
- Principal investigators are not allowed to apply for funding in more than one proposal in APCIN 2017 (or equivalent) call. This must be taken into account when participating in different ERA-Nets or other international initiatives.
- Important note: Principal investigators granted in the APCIN 2016 call are not allowed to apply neither in APCIN 2017 nor in the transnational CHIST-ERA II 2016 call. Principal investigators granted in the APCIN 2015 call are allowed to apply in APCIN 2017 and in the transnational CHISTERA II 2016 call if their projects are finished before the kick off meeting of the new projects.

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

[to be continued on the next page]

Eligible costs

- Personnel costs for temporary contracts (fellowships 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 APCIN 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 MINECO should not exceed 40.000 € per year. If two or more legal entities participate in the same proposal the MINECO part should not exceed 46.000 € per year.
- If the transnational proposal is led by a PI eligible for MINECO a maximum of 12.000 € 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.

Spanish PIs have to remain unchanged between the pre-proposal stage, the full proposal stage, and the National APCIN call.

Mandatory acknowledgement

Any publication or dissemination activity resulting from the granted projects must acknowledge MINECO funding even after the end of the project: "Project (reference n° XX) funded by MINECO through APCIN 2017".

FR – **France** ANR

Agence Nationale de la Recherche 50 avenue Daumesnil 75012 Paris

National Contact Point

Béatrice Arnulphy Project manager

+33 | 78 09 80 55

beatrice.arnulphy@anr.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.anr.fr/AAPProjetsOuverts.

IE – Ireland IRC

The Irish Research Council (IRC)

Brooklawn House Crampton Avenue Shelbourne Road Ballsbridge Dublin 4

www.research.ie

National Contact Point

Dr. Justin Sinnott

+353 | 2317131

jsinnott@research.ie

Funding Criteria and Regulations

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

Eligibility criteria for regular IRC funding programmes apply (www.research.ie). You must contact IRC prior to submission.

LV – Latvia VIAA

Valsts izglītības attīstības aģentūra Valnu street I Riga LV-1050 LATVIA

http://viaa.gov.lv/

National Contact Point

Dr. Maija Bundule

+371 67785423

Maija.bundule@viaa.gov.lv

Funding Criteria and Regulations

Eligibility criteria defined in the Regulations of the Council of Ministers of the Republic of Latvia No 259 on the procedure for providing support for participation in international cooperation programs for research and technology (adopted on 26 June 2015) are applied.

Following organisations 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.

The grant can be used to cover all project-related costs, which include salaries (corresponding to the level of activity in the project), travels, purchase of materials, publication costs, minor equipment and depreciations, etc. Overhead costs must not exceed 25% of eligible costs excl. subcontracting.

You must contact VIAA prior to submission if you submit the project proposal to the CHIST-ERA Call for the first time.

PL - Poland

NCN

Narodowe Centrum Nauki

u. Królewska 57 30-081 Kraków Poland

National Contact Point

Dr. Jakub Gadek

+48 12 3419152

jakub.gadek@ncn.gov.pl

**Ms. Sylwia Kostka

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**sylwia.kostka@ncn.gov.pl

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: http://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2016/uchwala56_2016-zall.pdf (p. 6-13).

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

- o Personnel costs (please see: 2.1., p. 7-10, in the abovementioned document);
- 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: I EUR = 4.3122 PLN

Please note:

- All applicants must register their applications in OSF submission system (https://osf.opi.org.pl/app/adm/start.do: UNISONO application). The online application includes the following budget table:
 - http://ncn.gov.pl/sites/default/files/pliki/UNISONO budget table.xlsx
- Overhead costs must not exceed a maximum of 30% 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: http://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2016/uchwala56 2016-zal1.pdf

RO - 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

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Funding Criteria and Regulations

Please check for information:

http://uefiscdi.gov.ro/articole/4536/Pachet-de-informatii-ERANET-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.

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.

TR - Turkey

TÜBITAK

TÜBITAK

EU Framework Programmes Division

Tunus Cad. No:80 Kavaklidere 06100 ANKARA

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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 2015 call is available:

http://www.h2020.org.tr/tr/haber/chist-era-ii-projesi-2015-cagrisi-acilmistir

Projects with industry partners can be funded via 1001 Programme.