



CHIST-ERA Call 2021

Information Webinar #2

December 17, Online

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- CHIST-ERA and Call 2021 key features
- Proposal preparation recommendations
- How to submit your proposal



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CHIST-ERA and Call 2021 Key Features



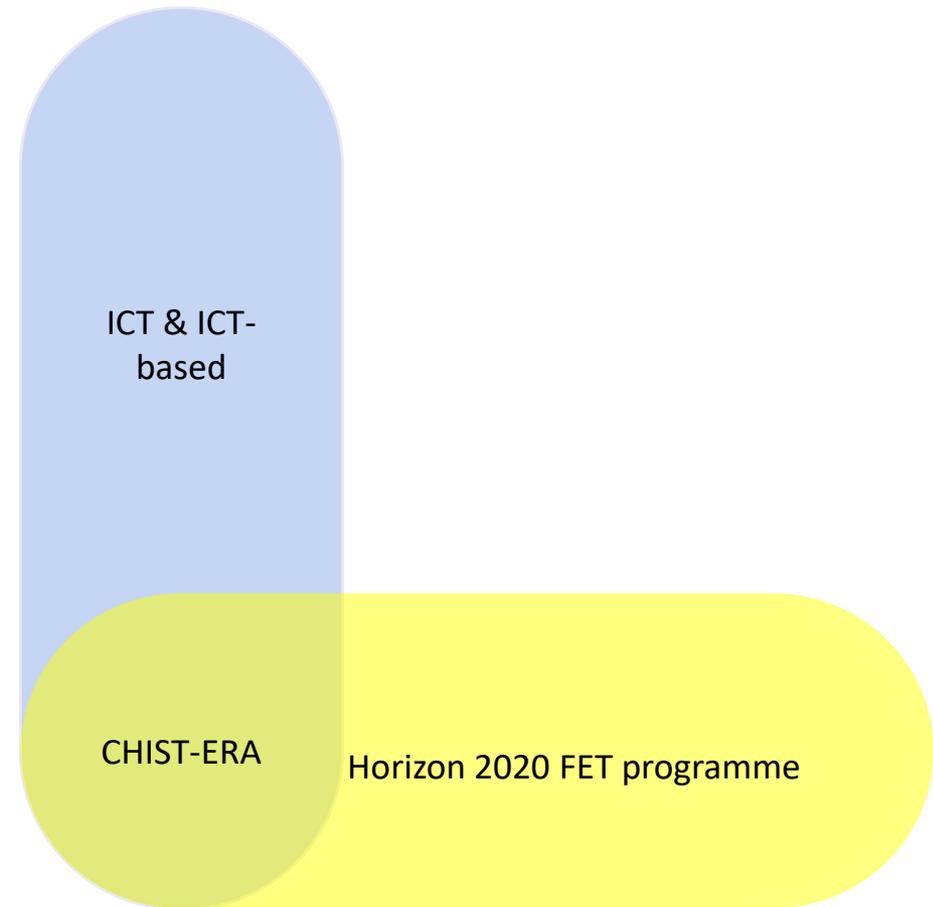
- ❑ A network (ERA-NET) of research funding organisations in Europe and beyond
 - ✓ Covering most European countries + Québec & Taiwan
 - ✓ Call consortium is a sub-set of CHIST-ERA consortium (participation on a topic by topic basis)
- ❑ Supporting long term research targeting emerging digital technologies
 - ✓ Investing in the identification and definition of promising topics
 - ✓ Supporting 2 topics per year
 - Typically 10-15 projects of approx. 0.8 - 1 M€ each, involving at least 3 countries each
 - ✓ Promoting Open Science, Widening Countries, Ethics
- ❑ Relying on a well-established yearly call cycle
 - ✓ One-step high quality evaluation process
- ❑ Fostering cross-fertilisation across topics and strategic thinking through a yearly Funded Projects Seminar
- ❑ Diversification of funding activities: Call Open Science & Challenge Call



Targeted Research

Smarter, Safer, Leaner... ICT

- ❑ CHIST-ERA is the ERA-NET of the EIC Pathfinder programme
- ❑ Support to **basic research for future and emerging ICT** (FET-like research)
 - ✓ Long term interdisciplinary research
 - ✓ Risky with potential high impact
 - ✓ Favour novelty





Target Outcomes

- Miniaturisation of NOEMS and integration with circuits on a single device;
- Development of multi modal and multi physical capabilities;
- Improvement of electro-mechanical energy conversion efficiency;
- Modelling of the NOEMS at the nanoscale taking into account Van der Waals forces;
- Development of metamaterials/metasurfaces for integration of NOEMS components;
- Development of arrays of NOEMS for computing architectures;
- Development of testbeds;
- Advanced fabrication technologies, exploiting silicon or heterogeneous materials to aid integration.



Expected Impacts

- Develop a deeper fundamental and comprehensive understanding of NOEMS for information and communication technologies;
- Identify new opportunities fostered through NOEMS and possibly the transfer from laboratories to industries;
- Enable the emerging of innovative, scalable, reliable and reproducible technologies, with increased manufacturability and its repeatability;
- Cross traditional boundaries between disciplines in order to strengthen the community involved in tackling these new challenges.



Target Outcomes

- Identify most impactful types of misbehaviour (possibly on purpose) and emerging trends;
- (Near) real time, robust and scalable technologies to detect misbehaviours;
- Address multimodality (i.e. text, video, audio and images), tackling multiple platforms where possible;
- Development of AI-based (incl. explainable AI) and Natural Language Processing technologies where necessary;
- Availability and sharing of (multilingual) databases and benchmarks.



Expected Impacts

- Develop a deeper fundamental and comprehensive understanding of misbehaviour in social networks and media, anticipate future and emerging trends;
- Enable the emerging of innovative and reproducible technologies to detect low quality news, misinformation and disinformation (propaganda), and support mitigation strategies;
- Increase awareness in society;
- Cross traditional boundaries between disciplines in order to strengthen the community involved in tackling these new challenges.



WHO will Evaluate your Proposal?

- ❑ **Evaluation panel** – consists of sufficient number of high-level experts from different fields within the call topic
 - ✓ Some of them with specific knowledge on Open Science and on technology transfer
- ❑ Composition of the evaluation panel is prepared by the Call Secretariat and approved by CHIST-ERA funders in the call
 - ✓ Scientists participating in the proposals ***cannot*** be members of the evaluation panel or evaluate proposals as external reviewers
- ❑ Each proposal will be evaluated by 3 panel members
 - ✓ *External reviewers* – at least 2 for each proposal
- ❑ Evaluation panel is established for each topic → 2 separate panels evaluate proposals → Thus 2 ranking lists are elaborated
- ❑ The list of the panel members will be made public on CHIST-ERA website after the funding recommendation is issued



HOW will your Proposal be Evaluated?

Evaluation criteria – for full description see **Call 2021 Announcement**

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

- ✓ Relevance of the project with respect to the topic description

Scientific and Technological Quality (threshold: 3.5/5, weight: 2)

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



HOW will your Proposal be Evaluated?

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

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

- ✓ The expected impacts mentioned in the topic description (see pages 5-6);
- ✓ Potential to transform research results into innovations with societal or economic impact.

Quality of the proposed measures and plans to:

- ✓ Disseminate and use of project results (incl. data and means to reproduce results) in line with the Open Access to Publications and Research Data principles (see pages 7-8), and management of intellectual property;
- ✓ Communicate the project to different target audiences.

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

Quality and efficiency of the implementation and management:

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



Selection of Proposals

- ❑ On the basis of the ranking of the proposals and of available funding, the Call Steering Committee prepares a list of projects recommended for funding to the national/regional funding organisations
- ❑ Call Steering Committee (CSC) follows the ranking list and makes efforts to fund as many projects as possible
 - ✓ If not all *ex-aequo* projects can be funded, the following options are considered
 - Budget of the respective funder(s) can be increased
 - Budget cut in requested funding (manageable up to 10%)
- ❑ If the budget is insufficient to fund all *ex aequo* projects among rank N, CSC will select projects using the following criteria:
 - ✓ The output of the call, i.e. the overall funding, should be maximised (e.g. by prioritising the projects with high presence of under-represented countries and vice-versa)
 - ✓ If possible each funding organisation funds at least one project
 - ✓ Projects involving partners from **Widening Countries** are prioritised



WHEN will your Proposal be Evaluated?

Tentative timeline

17 January 2022
Deadline for
proposals
submission

Spring 2022
Proposals
evaluation by
Evaluation panel

June 2022
Notification of
accepted proposals
and feedback sent
to applicants

October 2022
First possible start
date for accepted
projects



WHICH Feedback will you Receive?

- Notification of selection decision
 - ✓ Proposal below quality threshold, or
 - ✓ Proposal above quality threshold but not selected due to lack of funding, or
 - ✓ Proposal selected
- Review feedback
 - ✓ A consensus report summarising the panel's view on the proposal and funding recommendation to CHIST-ERA is sent to the project coordinator
 - Subsequently report is distributed to all partners by project coordinator
- List of selected projects is published on CHIST-ERA webpage
- If the proposal is selected for funding, contractual negotiation phase is launched with respective funding organisations involved in the project



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Proposal Preparation & Recommendations



European level

- ✓ Formation of collaborative projects
- ✓ Submission of proposals
- ✓ Evaluation and ranking
- ✓ Funding recommendation
- ✓ [Contact point: CHIST-ERA Call Secretariat](#)

National/Regional level

- ✓ One [National/Regional Contact Point](#) for the funding organisation
- ✓ For some countries, a separate application to the respective funding organisation by a project partner from that country is needed
- ✓ Formal implementation, grant agreement

Requirements from the Consortia

❑ Formation of consortia

- ✓ At least 3 partners from 3 countries participating in the call topic
 - Industrial partners eligible for some funders (see call text for details)
- ✓ Research should be focused on a clearly defined goal, i.e. typically not more than 6 partners is recommended
- ✓ Consortia should be balanced:
 - Not more than 60% of the total requested funding may be requested by partners from one country

❑ Additional partners

- ✓ Research groups from countries whose funding organisations are not in the call may join a project consortium as long as they are able to secure their own funding
- ✓ These groups/institutions do not count for the 3-3 rule
- ✓ The coordinator must request funding



Application Procedure

- One-step submission procedure
 - ✓ Proposal: approx. 25-35 pages
- Each consortium specifies one coordinator
 - ✓ Single point of contact for the call secretariat
 - ✓ The coordinator must be based in a country participating in the call
- For each project partner, one PI is the point of contact at the national/regional level
- Prior to submission, each PI has to consult with its funding organisation regarding eligibility issues:
 - ✓ Eligibility of the institution (university, academic institutions, industry,...)
 - ✓ Position of the PI (e.g. permanent staff,...)
 - ✓ Eligible costs
- The proposal is submitted through the ANR online submission platform
- Some funding organisations require additional national/regional forms



Recommendations (1/2)

- CHIST-ERA is not ERC: Collaboration, science and technology are essential ingredients
- Novelty and interdisciplinarity are important
 - ✓ Incremental refinements rarely make it, high-risk does
 - ✓ Collaboration driven by joint questions, goals and mutual learning
- A long term vision is essential but also a plausible idea on how to get there
- Strong encouragement to involve Widening Countries in the call
- Improve your project by integrating appropriate Open Access measures
- Consider altogether the Call Announcement, the evaluation criteria and the proposal template



Recommendations (2/2)

- Make sure that your partners have checked their eligibility with the respective funding organisations
- Take into consideration national/regional budget constraints. Projects are expected to be at maximum in the range of 0.8 – 1 M€
- Do not hesitate to contact the CHIST-ERA call secretariat and your national/regional contact points
- Get used to the electronic submission system sufficiently in advance to prevent any technical risk



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How to Submit your Proposal



Full guidelines: <https://www.chistera.eu/sites/www.chistera.eu/files/CHIST-ERA%20Call%202021%20-%20Submission%20Guidelines.pdf>

Recommendations:

Create your submission account **some days before** the submission deadline in order to avoid any problem

- Verify all the data in the submission platform
- Upload the proposal document in PDF format
- Upload the financial plan in the annex section (letters of support could be uploaded as well in the same section)

- The CHIST-ERA Call 2021 electronic submission system is based on the French National Research Agency (ANR) electronic submission platform (<https://aap.agencerecherche.fr/>)



Application Guidelines (2/11)

My proposals



[Submit a proposal](#) to the call for proposals: 'CHIST-ERA Call 2021' - 2022

List of proposals in a current call

List of currently reviewed proposals

List of proposals within a call

List of funded proposals

Please fill in the informations below to create your project.
These will remain modifiable until the close of the call for projects.

Identification of the project

Project acronym

Project French title

Project English title

You do not need to translate the title in French, and you can simply copy and paste the Project English title here.

Financial instrument

R & D categorie

Select if the project is mainly Fundamental research or Industrial Research.



Application Guidelines (3/11)

Identification of the coordinator of the project

Principal Investigator/Scientific manager of the partner

Civility

First name

Last name

Email

Title

Project coordinator

Research organisation of the partner

Country

Research Funding Organisation

Comment (regarding the chosen Research Funding Organisation)

Category

Name of the research structure

Acronym of the research structure

Select the administrative category of the project partner between:

- Association
- Other Enterprise than Very small enterprises or SMEs
- Other private
- Other Public
- Public Laboratory
- Research Foundation
- SMEs
- Very Small Enterprises

Please fill in the information carefully!

Partnership and tasks | Partners/Organisations files | Identity of the project | Scientific abstracts | Scientific document | Submission of the project

FR GB

Partnership

The project coordinator specifies each partner and the principal investigator (PI) of each partner.

Any PI indicated in the table below has access to the project, his/her login being the registered email address. If necessary, he/she can generate a new password from the home page.

Note that users with only the scientific team member role do not have an account to log into the application.

At each change made, the PIs of the concerned partners are informed by e-mail.

Display:

	Partner/Organisation's name	Partner acronym	Category	Requested funding (€)	Civ.	First name	Last name	Email address (*: change in progress)	Role	Coord.	Research Funding Organisation
France (1)											
<input type="checkbox"/>	TEST Laboratory	TEST-L	Public Laboratory	0.00	Mr	Serguei	Fedortchenko	serguei.fedortchenko@anr.fr	PI	<input checked="" type="checkbox"/>	ANR
Spain (1)											
<input type="checkbox"/>	TEST Laboratory 2		Public Laboratory	0.00		Firstname	Lastname	firstname.lastname@testlaboratory2.es	PI	<input type="checkbox"/>	AEI
United Kingdom of Great Britain and Northern Ireland (the) (1)											
<input type="checkbox"/>	TEST Laboratory 3		Public Laboratory	0.00		Firstname2	Lastname2	firstname2.lastname2@testlaboratory3.uk	PI	<input type="checkbox"/>	UKRI

Add new partner

Delete a partner

Modify the information about a partner



Application Guidelines (5/11)

Modify a partner

Principal Investigator/Scientific manager of the partner [Change the scientific manager](#)

Civility

First name

Last name

Email [Modify / Update the email of Anna Ardizzoni](#)

Title

Project coordinator

Research organisation of the partner

Country Country head-on

Research Funding Organisation ⓘ

Comment (regarding the choosen Research Funding Organisation)

Name of the research structure *

Acronym of the research structure

[Back](#) [Save](#)

Once you make any change, please click on « save » or you can loose your data

Application Guidelines (6/11)

[Partnership and tasks](#) |
 [Partners/Organisations files](#) |
 [Identity of the project](#) |
 [Scientific abstracts](#) |
 [Scientific document Submission of the project](#)



Consortium

Display By country

	Name or acronym of the partner/organisation	Full cost (€)	Requested Funding (€)	Permanent position (person.month)	NON permanent position WITH Funding requested (person.month)	NON permanent position WITHOUT Funding requested (person.month)	Country head-on	Research Funding Organisation
	France (1)	0.00	0.00	0.00	0.00	0.00		
Select	<i>TEST-L (coord)</i>	0.00	0.00	0.00	0.00	0.00	<input type="checkbox"/>	ANR
	Spain (1)	0.00	0.00	0.00	0.00	0.00		
Select	TEST Laboratory 2	0.00	0.00	0.00	0.00	0.00	<input type="checkbox"/>	AEI
	United Kingdom of Great Britain and Northern Ireland (the) (1)	0.00	0.00	0.00	0.00	0.00		
Select	TEST Laboratory 3	0.00	0.00	0.00	0.00	0.00	<input type="checkbox"/>	UKRI
	Total	0.00	0.00	0.00	0.00	0.00		

Selected partner is in *italic*

Please select the partner/organisation in the table(s) above and then update its administrative and financial data below.

[Administrative data](#) |
 [Financial data](#)

Mandatory information needed for registration form

Partner/Organisation : TEST-L
 Principal Investigator/Scientific manager
 Scientific team partner's member
 Other

Now you can fill in the information in all the sections

Application Guidelines (7/11)

Partnership and tasks | **Partners/Organisations files** | Identity of the project | Scientific abstracts | Scientific document Submission of the project

FR GB

Consortium

Display: By country

	Name or acronym of the partner/organisation	Full cost (€)	Requested Funding (€)	Permanent position (person.month)	NON permanent position WITH Funding requested (person.month)	NON permanent position WITHOUT Funding requested (person.month)	Country head-on	Research Funding Organisation
	France (1)	0.00	0.00	0.00	0.00	0.00		
Select	TEST-L (coord)	0.00	0.00	0.00	0.00	0.00	<input type="checkbox"/>	ANR
	Spain (1)	0.00	0.00	0.00	0.00	0.00		
Select	TEST Laboratory 2	0.00	0.00	0.00	0.00	0.00	<input type="checkbox"/>	AEI
	United Kingdom of Great Britain and Northern Ireland (the) (1)	0.00	0.00	0.00	0.00	0.00		
Select	TEST Laboratory 3	0.00	0.00	0.00	0.00	0.00	<input type="checkbox"/>	UKRI
	Total	0.00	0.00	0.00	0.00	0.00		

Please complete all the financial data and click on « save »

Please select the partner/organisation in the table(s) above and then update its administrative and financial data below.

Administrative data | **Financial data**

Full cost (€) 0.00 Requested Funding (€) 0.00

Save Cancel

For all countries *except France*, only the simplified entry is required

For ANR practical reasons, French partners need to detail their costs



Application Guidelines (8/11)

In the section dedicated to the scientific abstract, you need to put the *Project Summary* and the *Relevance to the call*

Non-confidential abstract or summary in English
(number of characters: 0 / 4000)

1. *Project summary*

2. *Relevance to the call*

Save Cancel



Application Guidelines (9/11)

Partnership and tasks | Partners/Organisations files | Identity of the project | Scientific abstracts | **Scientific document** | Submission of the project

Submit the scientific document

Each project must submit a proposal (i.e. scientific document) using the template available on the CHIST-ERA website: <https://www.chistera.eu/sites/www.chistera.eu/files/CHIST-ERA%20Call%202021%20-%20Proposa%20Form.docx>
Potential support letters can be added as supplementary annex.

The scientific document must be written in English.

Authorized Format: PDF. Max. size : 20 Mb. Maximum number of pages : 100.

Parcourir... Aucun fichier sélectionné

Submit the scientific document

No scientific document submitted for this project.

Annex to the scientific document

Each project must submit a financial form in Excel format as an annex of the proposal (i.e. scientific document). The template is available on the CHIST-ERA website: <https://www.chistera.eu/sites/www.chistera.eu/files/CHIST-ERA%20Call%202021%20-%20Financial%20Template.xlsx>
Potential support letters can be added as supplementary annex.

Authorized Formats: BMP, DOCX, GIF, JPEG, JPG, ODP, ODS, ODT, PDF, PNG, PPTX, RTF, XLSX. Max. size : 20 Mb.

Parcourir... Aucun fichier sélectionné

Submit

As specified in the call announcement, the proposal document must be written in English

Upload the proposal document in PDF format

Upload the financial plan in Excel format
In this section you can also upload the letters of support

IMPORTANT:
Only by clicking on « submit » you can change the proposal status and and get the green sentence in the last tab



Application Guidelines (10/11)

There is no "submit" button once you finalise your submission. The submission is automatic. In the tab "submission of your project", please check that a green sentence indicating that "The conditions for submission of your proposal are met." is displayed.

If a red or an orange sentence is displayed, please check again all the tabs or your project will be automatic considered by the system as "not submitted".

The closing date for call for proposals is 01/03/2021 until 17:00 (DD/MM/YYYY; Current local time in Paris, France)

Project status :Submitting

Your application will automatically be considered submitted if all the following conditions are met :

- the scientific document has been submitted
- the grant amount requested for the project is non-zero at the closing of the call for proposals

Only information entered on the submission website by the call for proposals closing date will be considered.

An electronic confirmation will be sent to the coordinator on the call for proposals closing date.

Coordinators are asked to lock their projects by the closing date.

The project may be unlocked by the coordinator prior to the closing date if additional changes are necessary.

Lock proposal

This tab enables the coordinator to lock and unlock the project proposal. When the proposal is locked, other PIs cannot modify their information.

Checking fields

Please note that the submission platform is unable to check that the information you have entered matches the eligibility criteria laid out in the text of the call for proposals.

Please be aware of the following alerts:

- **In red** : This condition must be fulfilled for your proposition to be complete
- **In orange** : Information about the project or partner that should be filled or corrected

Proposal :

- No scientific document has been uploaded
- The aid requested under the project must be different from 0
- The abstract in English is empty
- No principal research theme has been entered for your project

Administrative and financial document of the project

Generate

There is no « **submit** » button once you finalise your submission. The submission is automatic.

- In the tab "submission of your project", please check that a **green sentence** indicating that "The conditions for submission of your proposal are met." is displayed.
- If a **red** or an **orange** sentence is displayed, please check again all the tabs or your project will be automatic considered by the system as ***not submitted***.



A confirmation email is sent to the coordinator at call closure.



Your Contacts

- Call 2021 information
 - ✓ Anna Ardizzoni (ANR – France) - chistera@anr.fr
- All Call 2021 contacts
 - ✓ <https://www.chistera.eu/call-2021-announcement>
- [Call 2021 newsletter](#)
- [Website](#)
- [Newsletter](#)
- [Twitter](#)
- [LinkedIn](#)

Country	Funding organisation	Participation per call topic		Contact point
		NOEMS	OSNEM	
Belgium	F.R.S.-FNRS	Yes	Yes	international@frs-fnrs.be
Belgium	FWO	Yes	Yes	eranet@fwo.be
Bulgaria	BNSF	Yes	Yes	Aleksandrova@mon.bg
Czech Republic	TACR	Yes	Yes	Aneta.Lizancova@tacr.cz
Estonia	ETAg	Yes	Yes	Maarja.Soonberg@etag.ee
Finland	AKA	Yes	Yes	Katrine.Mahlamaki@aka.fi
France	ANR	Yes	Yes	Anna.Ardizzoni@anr.fr
Hungary	NKFIH	Yes	Yes	edina.nemeth@nkfih.gov.hu
Ireland	IRC	Yes	Yes	RSweeney@research.ie
Israel	InnovationAuth	Yes	Yes	Rachel.L@iserd.org.il
Latvia	VIAA	Yes	Yes	Maija.bundule@viaa.gov.lv jbalodis@latnet.lv
Lithuania	LMT	Yes	Yes	Laura.Kostelnickiene@imt.lt
Luxembourg	FNR	Yes	Yes	Helena.burg@fnr.lu
Poland	NCN	Yes	Yes	Alicja.Dylag@ncn.gov.pl
Slovakia	SAS	Yes	Yes	Panisova@up.upsav.sk
Spain	AEI	Yes	Yes	era-ict@aei.gob.es
Switzerland	SNSF	Yes	Yes	chistera@snf.ch
Taiwan	MOST	Yes	Yes	cmtom@most.gov.tw
Turkey	TÜBİTAK	Yes	Yes	Utku.Cetin@tubitak.gov.tr
United Kingdom	UKRI	Yes	No	Maryam.Crabbe-Mann@epsrckri.org with Rachel.Lamb@epsrckri.org in cc



Thank you!

