



EOSC Festival – the National Tripartite Event  
Poland  
CHIST-ERA Call ORD

October 25, Online

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- CHIST-ERA in brief
- CHIST-ERA & Open Science
- Topic description
- Open Science policy
- Widening Countries policy
- Application procedure and recommendations



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## CHIST-ERA in Brief



- ❑ A network (ERA-NET) of research funding organisations in Europe and beyond
  - ✓ Covering most European countries + Brazil, 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 a yearly call targeting two emerging topics
  - ✓ Supporting and promoting additional activities such as the Call ORD
  - ✓ Promoting Open Science, Widening Countries, Ethics
- ❑ Relying on a well-established call cycle
  - ✓ One-step high quality evaluation process
- ❑ Fostering cross-fertilisation across topics and strategic thinking through a yearly Funded Projects Seminar
- ❑ **New funding activities: Call ORD & Challenge**

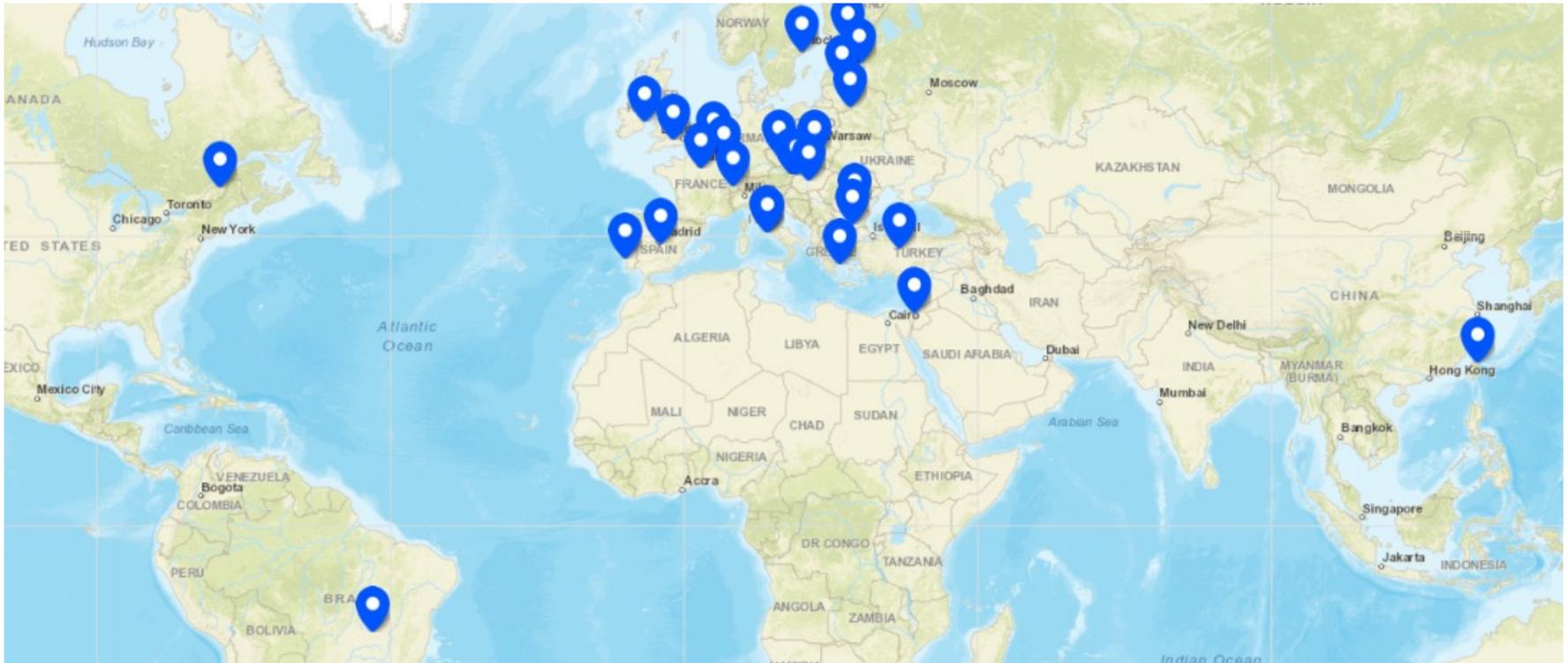
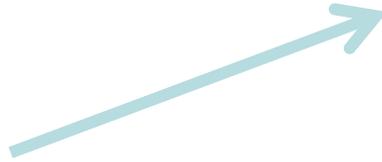
# Network of Research Funders

**CHIST-ERA 2022**

31 funders from 27 countries

**CHIST-ERA 2010**

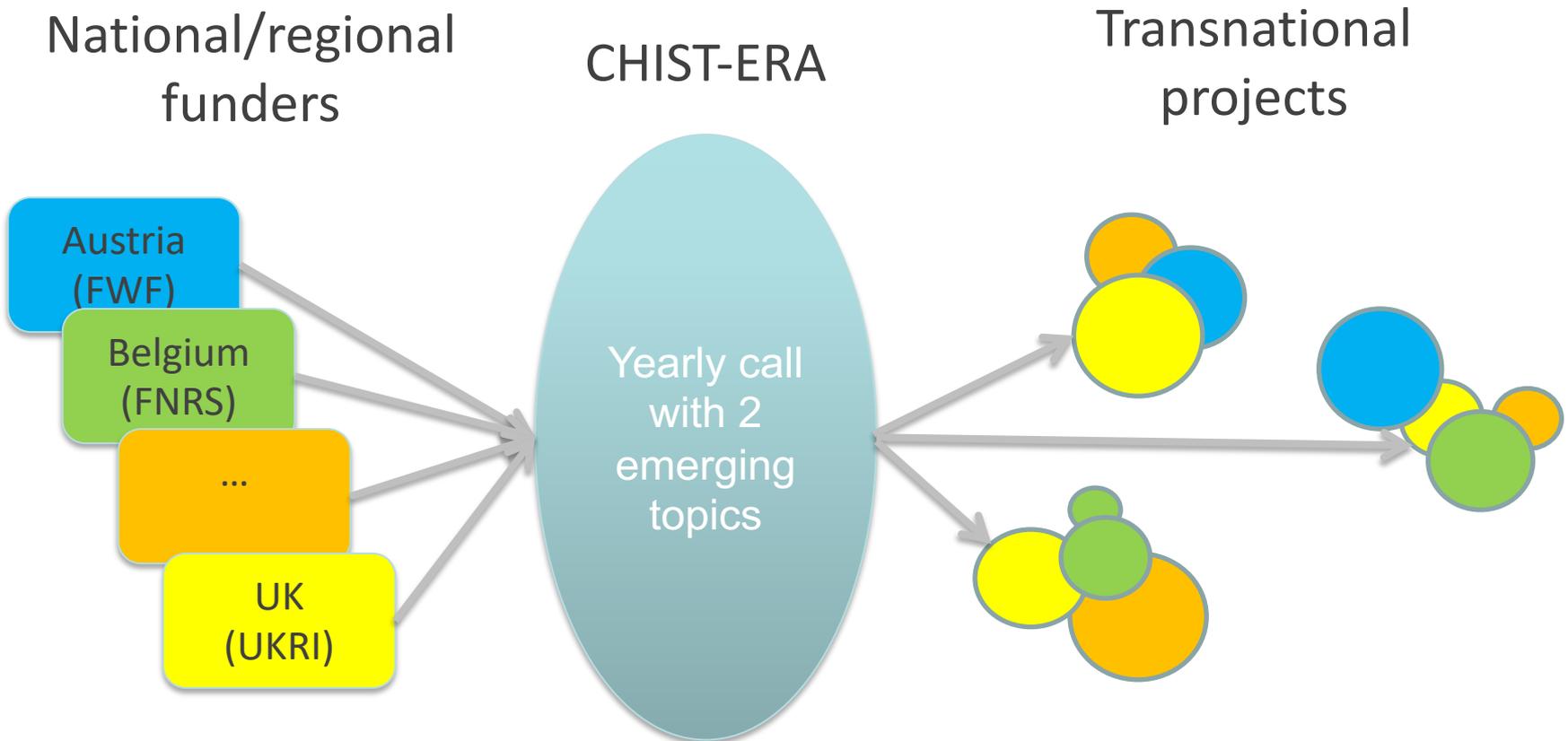
9 funders - 9 countries





# Joint Funding Instrument

- ❑ No funding across borders
  - ✓ Each project partner is funded separately by the respective funding organisation (no common pot)





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## CHIST-ERA & Open Science



- ❑ 2011 – 2018: Challenge use case
  - ✓ Open Science is instrumental for accelerating research in knowledge processing fields
    - E.g.: Natural Language Processing
    - Data sharing, open evaluation methodologies are keys to ensure experiment reproducibility
    - CHIST-ERA calls encourage applicants to integrate these dimensions in their proposals
  - ✓ Open Science workshops
- ❑ 2019+: Formalisation of an Open Science policy
  - ✓ Policy Statement, signatory of DORA declaration, formalisation of Open Science requirements in CHIST-ERA calls
  - ✓ Builds on European and international developments + national/regional funding opportunities to provide a high standard framework to CHIST-ERA research
- ❑ 2022+: Dedicated funding opportunities
  - ✓ ICT for Open Science
  - ✓ Call Open Research Data (ORD), Challenge call: Science in your own language



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**Topic Description**



# Momentum in Open Science & Gaps

- EU policies
  - ✓ Open access mandate associated to Horizon Europe projects
  - ✓ Systematisation of Data Management Plans
- National initiatives
  - ✓ E.g. second national plan for Open Science in France
    - Three pillars: Publications, research data, research software code
  - ✓ National calls on Open Science and/or national funds (FNSO/NWO)
- Setting up EU wide infrastructures
  - ✓ Publications: OpenAIRE
  - ✓ Scientific data: EOSC
    - Multiplication of EU calls
  - ✓ Variety of e-infrastructures on the ESFRI roadmap
- While huge progress in the domain of publications
  - ✓ E.g. cOAlition S, diamond models
  - ✓ Grey clouds remaining around rise of Article Processing Charges costs
- Data and software are somehow left behind
  - ✓ EU programs centred on highly generic principles and methods (FAIR)
  - ✓ Lack of community based engagement at community level
    - Despite stronger presence of EU infrastructures
- Need to foster wider collaboration on Open Science activities
  - ✓ For specific thematic fields where data sets are created and reused
  - ✓ Across countries to compare and consolidate best practices



# Call Motivations

- ❑ Tackling the general landscape of research data & software from the perspective of their reuse
  - ✓ Key enabling tools, services and standards
  - ✓ Understanding underlying methods and practices (data & software life cycle)
  - ✓ A specific contribution from the ICT domain
- ❑ Linking to the state of deployment of Open Science in the respective national communities and at sub- or cross-disciplinary level within CHIST-ERA
  - ✓ Accelerating the dissemination of Open Science best practices in their communities
    - experience sharing and the alignment of national Open Science policies
  - ✓ Connecting the expertise in Open Science of some disciplines to other disciplines less advanced in that matter and from countries to other countries
- ❑ Offering a funding tool for middle-sized consortia (250 – 500 K€)
  - ✓ Between EU wide consortia and national endeavours
  - ✓ Paving the way for future wider endeavours



- ❑ Create conditions for research based on open or shared data and software
- ❑ Three proposed priorities:
  - ✓ Create, enrich or prepare 'reference data sets': Favour availability and reuse of complex datasets
  - ✓ 'Editorialization' of data: Reduce distance between data producer and (un)expected data reuser for scientific, educational, economic or even journalistic purposes
  - ✓ Processes and tools to describe, share, reference and archive software source code, in particular with the goal to enhance reproducibility of research results
- ❑ Projects targeted: At least 3 partners from 3 countries, total budget of 250 to 500 K€

# 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



# WHEN will your Proposal be Evaluated?

## Tentative timeline

14 December 2022  
Deadline for  
proposals  
submission

Spring 2023  
Proposals  
evaluation by  
Evaluation Panel

June 2023  
Notification of  
accepted proposals  
and feedback sent  
to applicants

October 2023  
First possible start  
date for accepted  
projects



- ❑ Partner Search Tool
  - ✓ Find partners at <https://www.chistera.eu/partner-search-tool/2022>
  - ✓ Or submit your expression of interest at <https://www.chistera.eu/expression-interest-eoi>
- ❑ Subscribe to the Call ORD newsletter to receive any call update at
  - ✓ <https://www.chistera.eu/chist-era-call-ord-newsletter>
- ❑ Open Science training at <https://www.chistera.eu/open-science-trainings>
- ❑ Technical guidelines for submitting a project available at call webpage in October
- ❑ A second webinar is planned on November 28 for last-minute questions
  - ✓ Registration: <https://www.chistera.eu/call-ord-info-webinars>



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**Open Science Policy**

*'As open as possible, as closed as necessary'*

- ❑ All publications of the project must be available in open access under Creative Commons CC-BY licence or equivalent
  - ✓ Full text (version Author Accepted Manuscript - AAM or publisher version - VoR) must be deposited on an open institutional repository
- ❑ All data underlying a project output must be widely accessible and deposited on a FAIR-enabling repository together with all the necessary documentation in accordance with the FAIR principles
- ❑ All software produced by the project must be available under an open-source licence
  - ✓ Software development must be performed on a code hosting platform that allows collaborative development
  - ✓ Source code of the software must be stored together with all its development history in the Software Heritage archive



- ❑ Data Management Plan (DMP) for accepted projects
  - ✓ **At the beginning** of the project
  - ✓ Submitted via ARGOS tool
  - ✓ Update on a yearly basis
  
- ❑ Open Science Coordinator: New role for projects
  - ✓ Planning of Open Science (activities, costs)
  - ✓ Monitoring throughout the project lifetime



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## Widening Countries Policy



# Widening Countries in Call ORD

- ❑ Widening Countries: List of low performing countries in R&I established by the EC
  - ✓ To capture the notion of S&T excellence at the national level a composite indicator was designed along four variables
  - ✓ I.e. the numbers of:
    - Highly cited publications
    - High quality patent applications
    - World class universities and research institutes
    - High prestige research grants
  - ✓ A country falls into the so-called Widening Countries group when its score is below 70% of the European Union average
  
- ❑ Widening Countries in Call ORD: Czech Republic, Lithuania, Poland, Slovakia and Turkey



- ❑ Spread excellence
  - ✓ CHIST-ERA, as a funding instrument of collaborative projects following competition, can be instrumental
    - In opening well established non-Widening Countries research networks to most talented researchers in the Widening Countries
    - Conversely, broader engagement of the Widening Countries research communities has the capacity to enrich the European scientific and technology landscape with varied perspectives and scientific and technology challenges to tackle
  
- ❑ Funding Opportunity: In general, the ratio budget spent/available budget is lower for the funders in Widening Countries
  
- ❑ Incentives:
  - ✓ In case of ex aequo projects, priority is given to projects with Widening Countries
  - ✓ Some funders apply a higher funding limit when coordinator belongs to a Widening Country



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## Recommendations



## Recommendations (1/2)

- ❑ Collaboration is essential ingredient
  - ✓ 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
  - ✓ Aware of ongoing Open Science developments
- ❑ Strong encouragement to involve Widening Countries in the call
- ❑ Consider altogether the Call Announcement and the proposal template
  - ✓ Common reference for both applicants & evaluators



## 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 in the range of 250 K€ - 500 K€
- 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



- Call ORD information
  - ✓ Anna Ardizzoni (ANR – France) - [chistera@anr.fr](mailto:chistera@anr.fr)

- All Call ORD contacts
  - ✓ <https://www.chistera.eu/call-ord-announcement>

- [Call ORD newsletter](#)

- [Website](#)

- [Newsletter](#)

- [Twitter](#)

- [LinkedIn](#)

Country	Funding organisation	Contact point
Belgium	F.R.S-FNRS	<a href="mailto:international@frs-fnrs.be">international@frs-fnrs.be</a>
Belgium	FWO	<a href="mailto:eranet@fwo.be">eranet@fwo.be</a>
Brazil	CNPq	<a href="mailto:Dileine.Cunha@cnpq.br">Dileine.Cunha@cnpq.br</a>
Czech Republic	TACR	<a href="mailto:Aneta.Lizancova@tacr.cz">Aneta.Lizancova@tacr.cz</a>
France	ANR	<a href="mailto:Anna.Ardizzoni@anr.fr">Anna.Ardizzoni@anr.fr</a>
Lithuania	LMT	<a href="mailto:Laura.Kostelnickiene@lmt.lt">Laura.Kostelnickiene@lmt.lt</a>
Luxembourg	FNR	<a href="mailto:Helena.Burg@fnr.lu">Helena.Burg@fnr.lu</a>
Poland	NCN	<a href="mailto:Alicja.Dylag@ncn.gov.pl">Alicja.Dylag@ncn.gov.pl</a>
Slovakia	SAS	<a href="mailto:Panisova@up.upsav.sk">Panisova@up.upsav.sk</a>
Switzerland	SNSF	<a href="mailto:chistera@snf.ch">chistera@snf.ch</a>
Turkey	TÜBİTAK	<a href="mailto:Ozlem.GeziciKoc@tubitak.gov.tr">Ozlem.GeziciKoc@tubitak.gov.tr</a>
United Kingdom	UKRI	<a href="mailto:Rachel.Lamb@epsrc.ukri.org">Rachel.Lamb@epsrc.ukri.org</a>



Thank you!

