

Pre-announcement for a large Joint Transnational Call on Researching and Advancing Climate Services Development by

(A) Innovative co-development with users

(B) Institutional integration

This announcement is preliminary. Specific details might change.

The ERA-NET Consortium “European Research Area for Climate Services”, so-called ERA4CS, has been designed to boost the development of efficient Climate Services in Europe, by supporting research for developing better tools, methods and standards on how to produce, transfer, communicate and use reliable climate information to cope with current and future climate variability.

First activities start in 2016 with the launch of a **large scale Joint Transnational Call** for research proposals with cash and institutional funding from at least **16 countries** and co-fund support of the European Commission (under Grant Agreement reference 690462).

This call will complement other initiatives by mobilizing more deeply, within EU Member States and Associated Countries, the **Research Performing Organizations (RPOs)** and **Research Funding Organizations (RFOs)**, the **national climate services** and the **various disciplines of academia** at large in order to fill the research gaps between the **user communities** and climate science. The call will emphasize the need for a “translation layer” along the Climate Service chain insuring effective and efficient two-way connections between user needs related to climate information on the one hand, and operational model products on the other hand.

The overall objective of ERA4CS is to enhance user adoption of and satisfaction with Climate Services (incl. adaptation services). Improving the quality of Climate Services is also within the scope of this call. At the same time ERA4CS aims to improve the scientific expertise on Climate Change risks and adaptation options, and to connect that knowledge with decision-making, e.g. by developing and assessing climate adaptation strategies and pathways at different scales (regions, cities, catchments, vulnerable sectors, etc.).

Two distinct but coherent topics, with independent funding support, are proposed within this call:

Topic A - Innovative co-development with users

This topic seeks to advance understanding in the following domains

- Research in support of the development and deployment of Climate Services
- Research to integrate Climate Science to application cases and decision making
- Research for co-development of innovative Climate services

It will be supported by cash funding from **the following national Research Funding Organizations (RFOs):**

- Agence Nationale de la Recherche (ANR), France
- Bundesministerium für Wissenschaft, Forschung und Wirtschaft (BMWFV), Austria
- Service public fédéral de programmation politique scientifique (BELSPO), Belgium

- Deutsches Zentrum für Luft- und Raumfahrt EV (DLR), Germany
- Innovationsfonden (IFD), Denmark
- Ministerio de Economía y Competitividad (MINECO), Spain
- Environmental Protection Agency of Ireland (EPA), Ireland
- Nederlandse organisatie voor wetenschappelijk onderzoek (NWO), the Netherlands
- Norges forskningsrad (RCN), Norway
- Fundacao para a Ciencia e a Tecnologia (FCT), Portugal
- Forskningsrådet för miljö, areella näringar och Samhällsbyggande (FORMAS), Sweden

Please be aware that further organizations could be included before the opening of the call

Topic B - Institutional integration between the ERA4CS Research Performing Organizations

This topic seeks to advance understanding in the following domains:

- Development of new methods and tools
- Impacts studies and models
- Localisation of Climate Information and Uncertainties Evaluation

It will be supported in kind by the following Research Performing Organisations (RPOs):

- Universitaet Graz (Uni Graz), Austria
- Institut Royal Météorologique de Belgique (RMI), Belgium
- Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung (AWI), Germany
- Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GMBH (HZG), Germany
- Danmarks Meteorologiske Institut (DMI), Denmark
- Agencia Estatal de Meteorologia (AEMET), Spain
- Barcelona Supercomputing Center - Centro Nacional de Supercomputacion (BSC), Spain
- Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC), Spain
- Universidad de Cantabria (UC-IHC), Spain
- Universitat Rovira i Virgili (URV-C3), Spain
- Ilmatieteen Laitos (FMI), Finland
- Suomen ympäristökeskus (SYKE), Finland
- Bureau de Recherches Géologiques et Minières (BRGM), France
- Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA), France
- Centre National de la Recherche Scientifique (CNRS), France
- Institut national de l'information géographique et forestière (IGN), France
- Institut national de la recherche agronomique (INRA), France
- Météo-France, France
- National Center for Scientific Research "Demokritos" (NCSR), Greece
- Met Éireann, Ireland
- Fondazione Centro euro-mediterraneo sui cambiamenti climatici (CMCC), Italy
- Consiglio Nazionale delle Ricerche (CNR-DTA), Italy
- Koninklijk Nederlands Meteorologisch Instituut (KNMI), the Netherlands
- Meteorologisk institutt (Met Norway), Norway

- Administratia Nationala de Meteorologie R.A. (Meteo-Ro), Romania
- Sveriges Meteorologiska och Hydrologiska Institut (SMHI), Sweden
- The University of Reading (UREAD), United Kingdom
- Met Office, United Kingdom

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Provisional Agenda

Application procedure

The call will be funded with up to 72 Mio € by Partner Organizations and co-funding by the European Commission. Proposals require eligible partners from **three or more different countries** participating in ERA4CS.

- **Topic A is open to all applicants**, subject to national **funding rules of the RFOs**;
- **Topic B is open only to the RPOs who are partner of ERA4CS Consortium** (see provisional list above).

The application process is a two-stage submission process. Evaluation will be carried out by independent experts based on H2020 evaluation criteria.

Anticipated time schedule

<i>Call opening:</i>	<i>Early March 2016</i>
<i>Pre-proposal deadline:</i>	<i>End June 2016</i>
<i>Invitation to submit full proposals:</i>	<i>End September 2016</i>
<i>Full proposal deadline:</i>	<i>End December 2016</i>
<i>Funding decision announced:</i>	<i>End March 2017</i>
<i>Start of funded projects:</i>	<i>June 2017</i>

The call text will soon be available on: www.jpi-climate.eu/home