

Pre-announcement for a large Joint Transnational Call: Climate Impact Research, Economic Assessment and Pathways to Sustainability

This announcement is preliminary. Specific details might change.

The ERA-NET Consortium **AXIS (Assessment of Cross(X)-sectoral climate Impacts and pathways for Sustainable transformation)** was created to promote cross-boundary, cross-community research with the overall goal to improve coherence, integration and robustness of climate impact research and connect it to societal needs. To this effect, AXIS aims to overcome boundaries between science communities through inter- or transdisciplinary research projects.

A **Joint Transnational Call** for research proposals will be **opened** at the beginning of **April 2018** and is supported by at least **10 funding organizations** from **9 European countries** and co-fund support of the European Commission (under Horizon 2020 Grant Agreement reference 776608). The call will have an indicative budget of **15 – 17 Mio. €.** to support international research projects of a duration of up to 3 years.

The AXIS joint call will be structured into three interlinked themes:

- 1. Cross-sectoral and cross-scale climate change impact assessments**
- 2. Integration of biophysical climate change impact estimates with economic models**
- 3. Developing pathways to achieve the long-term objectives of the Paris Agreement, taking into account interactions with SDGs closely linked to SDG 13 (“climate action”)**

Wherever possible projects will be asked to build on and contribute to existing international frameworks or community-driven networks or databases, such as, but not limited to:

- the WCRP Coupled Model Intercomparison Project (CMIP), www.wcrp-climate.org/wgcm-cmip, in particular taking into account considerations of the Vulnerability, Impacts, Adaptation and Climate Services Advisory Board (VIACS), a contribution to CMIP6
- Coordinated Regional Climate Downscaling Experiment (WCRP CORDEX), cordex.org
- Global Framework for Climate Services (GFCS), www.gfcs-climate.org
- Integrated Assessment Modeling Consortium (IAMC), www.globalchange.umd.edu/iamc
- The Inter-Sectoral Impact Model Intercomparison Project (ISIMIP), www.isimip.org
- Other relevant sectoral coordination frameworks, such as the Agricultural Model intercomparison and Improvement Project (AgMIP), www.agmip.org

An important link between the themes of this call and connecting element between projects will be through the concept of **scenarios**, i.e. possible future developments of human economic and social activities in interaction with the climate system.

The following national Research Funding Organizations are currently participating in the AXIS transnational joint call:

- Agence Nationale de la Recherche (ANR), France
- Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR), Germany
- Environmental Protection Agency of Ireland (EPA), Ireland
- Fonds National de la Recherche Scientifique (FRS-FNRS), Belgium
- Forskningsrådet för miljö, areella näringar och samhällsbyggande (FORMAS), Sweden
- Ministerio de Economía, Industria y Competitividad (MINECO) – Agencia Estatal de Investigación (AEI), Spain
- Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO), the Netherlands
- Österreichische Forschungsförderungsgesellschaft (FFG), Austria
- Research Council of Norway (RCN), Norway
- Public Planning Service Science Policy (BELSPO), Belgium (to be confirmed)

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

Application procedure and partnering

Proposals require eligible partners from at least **three different countries** participating in the AXIS call. If you are looking for suitable partners to build a consortium, we suggest registering on the partnering platform <https://partnering.pt-dlr.de/eranetaxis2018> where you can pitch your project ideas, present your organization, browse profiles of potential partners and form an eligible project consortium.

The application process will involve two stages. In the first step, eligibility is checked based on a pre-registration including a short project description. The pre-registration step is mandatory for entering the second stage. The evaluation in the second stage will be carried out by an international panel of independent experts on the basis of Horizon 2020 evaluation criteria.

Anticipated time schedule

Call opening:	Early April 2018
Pre-registration deadline:	June 2018
Invitation to submit full proposals:	July 2018
Full proposal deadline:	October 2018
Funding decision announced:	February 2019
Earliest start of funded projects:	July 2019
Latest start of funded projects:	October 2019

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