



Assessment of Cross(X)-sectoral climate Impacts and pathways for Sustainable transformation

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 was **opened 9 April 2018** (Submission deadline: 18 June 2018) and is supported by **10 funding organizations** from **9 European countries** and co-fund support of the European Commission. The call has an indicative budget of **15 – 17 Mio. €.** to support international research projects of a duration of up to 3 years.

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”).



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Projects will be asked - wherever possible - 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](#)), 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](#)),
- Global Framework for Climate Services ([GFCS](#)),
- Integrated Assessment Modeling Consortium ([IAMC](#)),
- The Inter-Sectoral Impact Model Intercomparison Project (www.isimip.org),
- Other relevant sectoral coordination frameworks, such as the Agricultural Model intercomparison and Improvement Project ([AgMIP](#)).

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.

For detailed information on the Call:

www.jpi-climate.eu/AXIS or [HERE](#)



Research funding organizations participating in the AXIS transnational joint call are:

- Agence Nationale de la Recherche (ANR), France
- Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR), Germany (**Coordinator**)
- 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)



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