



POLICY ADVICE FOR CLIMATE RESILIENT ECONOMIC DEVELOPMENT

As of: November 2021

In many countries, there is a lack of expertise in the model-based assessment of country-specific climate change impacts on economic development. The quantification of the economic effects can support knowledge-based policy decisions, which are necessary for climate-resilient economic policies, investments in future-proof sectors, and effective adaptation planning. Therefore, the project works with local stakeholders to implement methods and instruments for the calculation of the economic impacts of climate change impacts and their benefits for policy-making. Then, the project makes piloted methods and instruments available to governments and development organisations. The project promotes international exchange by networking with thematic platforms, providing studies, and making available the lessons learned during the project in a structured form to encourage the replication of the project activities.

State of implementation/results

- The CRED project, together with its partners in Georgia, Kazakhstan and Viet Nam, has begun developing macroeconomic models that model the economic consequences of climate change and the effectiveness of adaptation measures.
- The CRED project enabled the partners to develop long-term economic models (time horizon until 2050) in cooperation with economic experts from Germany and to integrate sector-specific damage functions or assessments of the impacts of climate change. In Georgia and Kazakhstan CRED is supported by the Gesellschaft für Wirtschaftliche Strukturforchung (GWS) with dynamic input-output models (e3.ge, e3.kz) and in Vietnam by the Leibniz Institute for Economic Research Halle (IWH) with a general dynamic equilibrium model (DGE-CRED).
- In the countries, 15-30 economists participated in the trainings, partly as model developers or model users.
- In 2021, the calculation of adaptation scenarios in

PROJECT DATA

Country/Countries:

Georgien, Kasachstan, Vietnam

Implementing organisation:

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Political partner(s):

- Ministry of Economy and Sustainable Development (MoESD), Georgia
- Ministry of National Economy – Kazakhstan
- Ministry of Planning and Investment - Viet Nam

Implementing partner(s):

- Central Institute for Economic Management (CIEM)
- Institute of Economic Research
- Ministry of Economy and Sustainable Development (MoESD), Georgia

BMU grant:

€ 4,000,000

Duration:

01/2019 till 12/2022

Website(s):

<http://www.giz.de/en/worldwide/79266.html>





selected sectors will be accompanied in the countries, results will be fed into the policy process, and communication material such as field reports/policy briefs and modeling reports will be produced.

