

Policy Advice for Climate Resilient Economic Development (CRED)

Programme Overview

The CRED programme supports **evidence-based policy making on adaptation to climate change** at the national level. Together with its **partners in Georgia, Kazakhstan and Vietnam**, the programme pilots economy-wide assessments of climate change impacts and respective adaptation measures.

Country-specific macroeconomic models have been developed together with national partners. These models provide key information for policy makers:

- 1) The modelling results show **how different climate hazards impact the economy** up to the year 2050.
- 2) The economy-wide effects of investments in different adaptation options are assessed. This allows to **compare a set of adaptation measures** and thereby to identify those measures contributing the most to economic development.



The CRED programme targets key phases for achieving resilience to climate change:

Getting ready for climate risk management:

Starting point is an understanding of the consequences of climate change and the vulnerability of key economic sectors. An overview of possible adaptation measures in these sectors is needed as a basis to compare the **effects of investments** in various **adaptation measures** on GDP and employment in the short-medium and long-run.

Modelling & evaluation of adaptation:

Country-specific **macroeconomic models** are developed for each partner country. Experts from national ministries and modelling authorities participate in targeted trainings and coaching sessions for capacity development. These **experts can then conduct own scenario analyses** assessing the economic impacts of climate change and specific adaptation scenarios.

Enabling climate resilient development:

The **modelling results and recommendations** derived from the analysis are informing various **national policy making processes**, such as National Adaptation Plans (NAP) and sectoral development strategies.

To learn more on the application of macroeconomic models for climate resilience, please visit the [project website](#).

How the CRED approach supports all steps of the policy cycle:

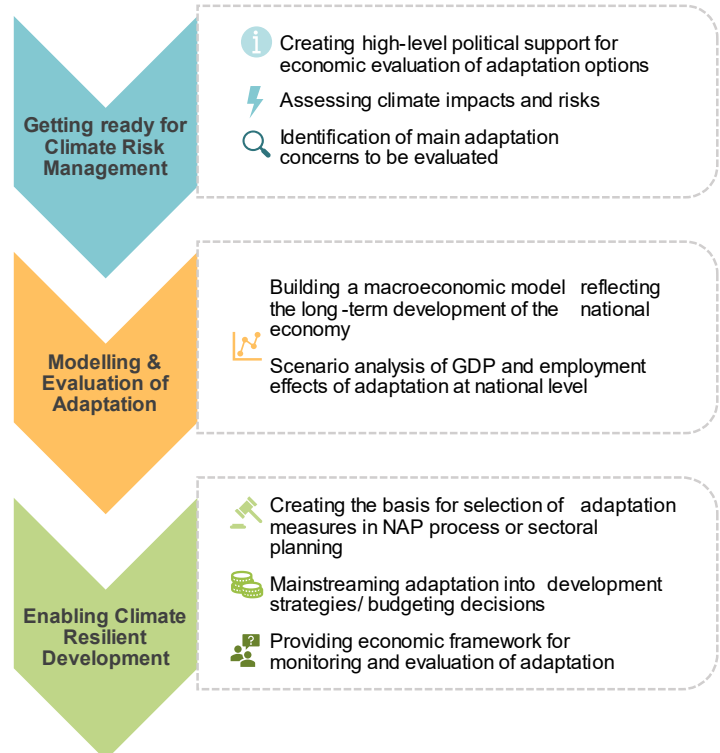


Figure based on Climate-ADAPT (n.d.): Adaptation Support Tool. URL: <https://climate-adapt.eea.europa.eu/#t-adapt>

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