

Breaking barriers to scaling-up adaptation: innovative solutions for finance, technology, analytics, and governance



Economics of Climate Adaptation

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Decision makers of national and local economies ask

1. What is the potential **climate-related loss** to the economies and societies over the coming decades?
2. How much of that loss can we avert, with what **measures**?
3. What investments will be required to fund those measures and will the **benefits** of that investment outweigh the **costs**?



ECA Studies in cooperation with

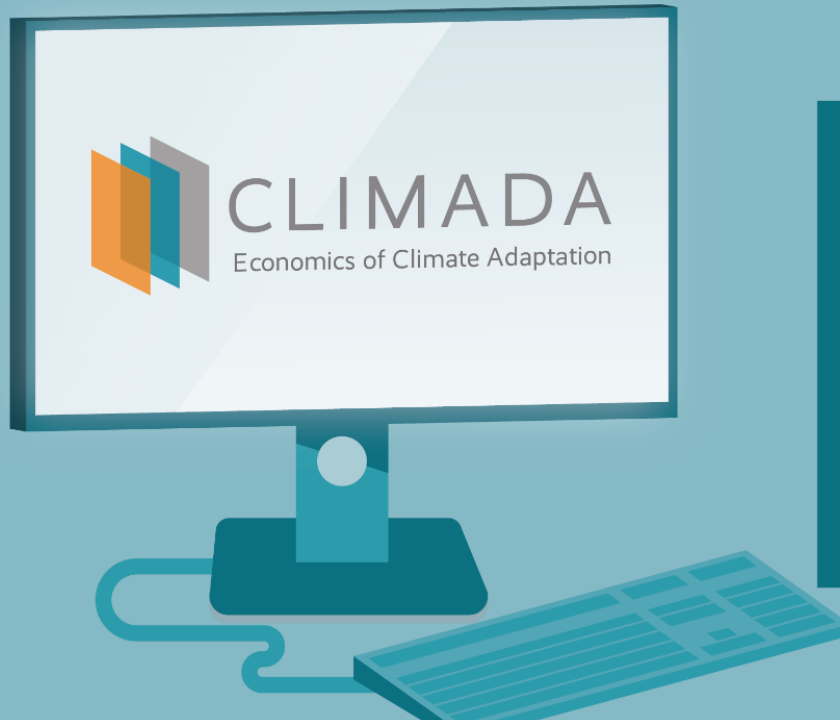




ECA offers a
UNIQUE FRAMEWORK
for the flexible identification of cost-effective
climate adaptation measures



Economics of
Climate
Adaptation



Powered by **CLIMADA**,
the ECA framework links
hazards, vulnerable assets
and potential damages,
quantifying them into
monetary values.



Economics of Climate Adaptation

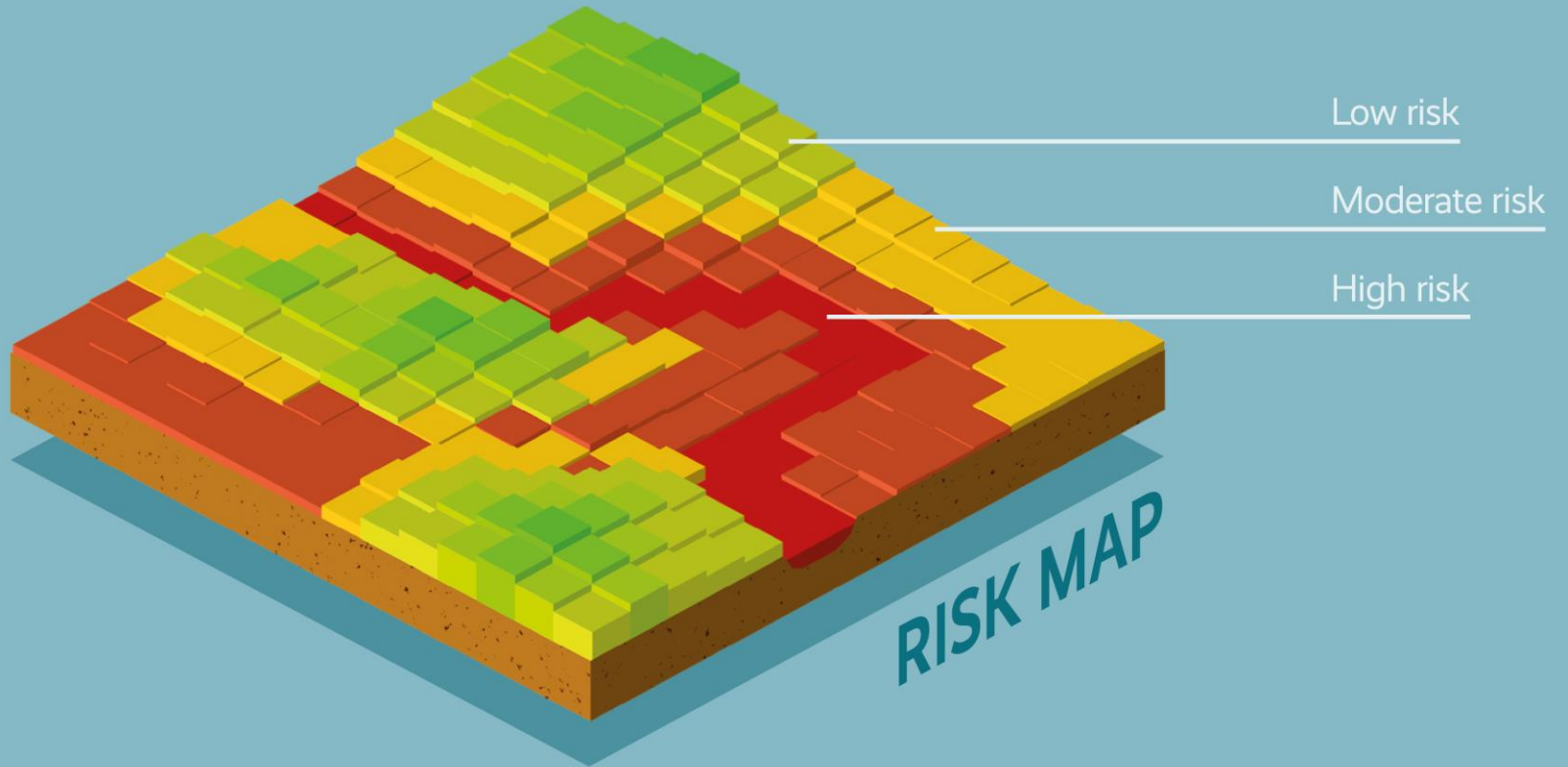
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DAMAGES

ECA systematically evaluates and offers
an optimal climate adaptation measures portfolio
FOR DECISION-MAKERS.

ECA builds a smart-mix portfolio of different adaptation measures, weighting costs and benefits of the different options to enable synergies and leverage from local conditions.



Ecosystem-based
adaptation



Infrastructure



Community-based
adaptation



Risk transfer

STAKEHOLDER ENGAGEMENT

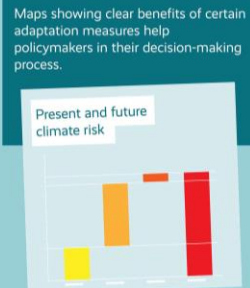
Bring your own data!

With national and local knowledge, the quality of the outputs from CLIMADA is improved. The level of detail, the monetary value for assets and the ownership of the planned adaptation measures are enhanced.

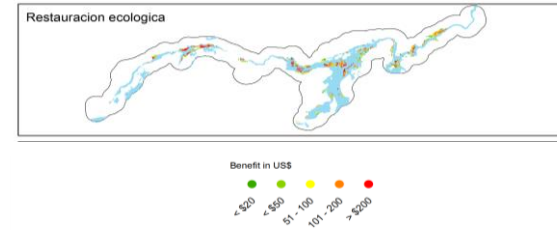
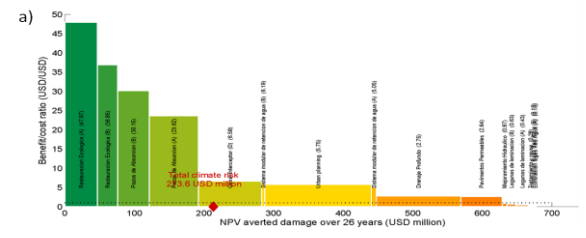
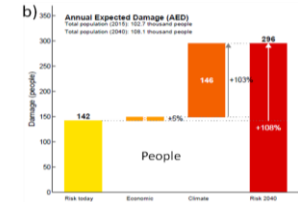
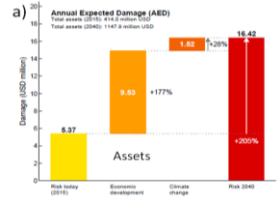
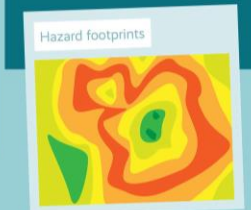
WHAT COMES OUT OF CLIMADA?

Customize your results CLIMADA's output can be customized to cover the needs of a variety of stakeholders.

Graphs illustrating the financial benefit/cost ratio of a portfolio of measures helps financial institutions to make informed decisions about their investments.



High level of detail and spatial distribution of results are available for academic stakeholders.



The outcomes of ECA inform
climate adaptation strategies and policies,

UNLOCKING CLIMATE FINANCE.



National adaptation plans
Local adaptation strategies



International cooperation
Development banks
Global funds



ECA outcomes inform local and national adaptation strategies. The quantification of climate risk and the ranking of potential benefits align with the requirements of international funding agencies and other investors.

 Economics of
Climate
Adaptation

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Institute for Environment
and Human Security

The Economics of Climate Adaptation (ECA)



Economics of
Climate
Adaptation

initiated by



Recent ECA Studies



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A project implemented on behalf



managed by



funded by



on behalf



In cooperation

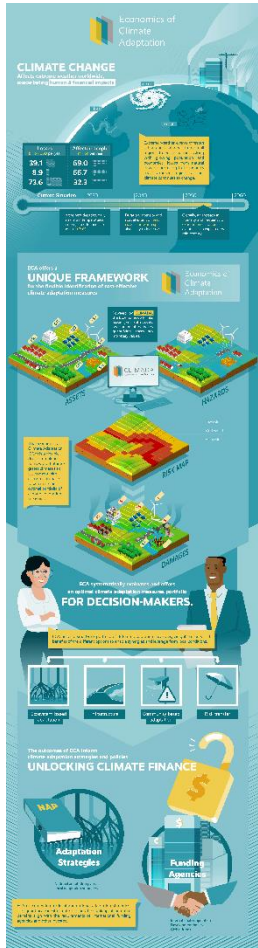


Bundesministerium
für Bildung
und Forschung

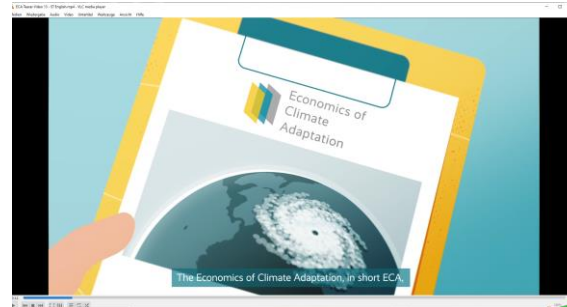


A GROWING COMMUNITY

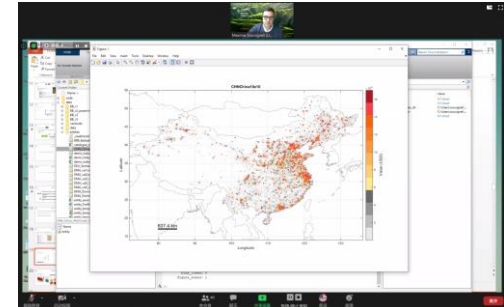
INFOGRAPHICS



VIDEOS



WEBINARS



ECA NETWORK



PUBLICATIONS



- 1) Decision-making is facilitated by analytics
- 2) **Stakeholder engagement and ownership at the center of climate analytics**
- 3) **Increased visibility** for implementation and funding
- 4) **Open source** is key for access by developing countries



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Thank you for your attention!

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