

The stakeholders provide

some of the data required

for the modelling.

SUPPORT NATIONAL GOVERNMENT

**Expected Annual Impact in Thailand** 

+32%

## with evidence-based decision-making for adaptation planning and climate risk financing?

current and projected

number of people affected

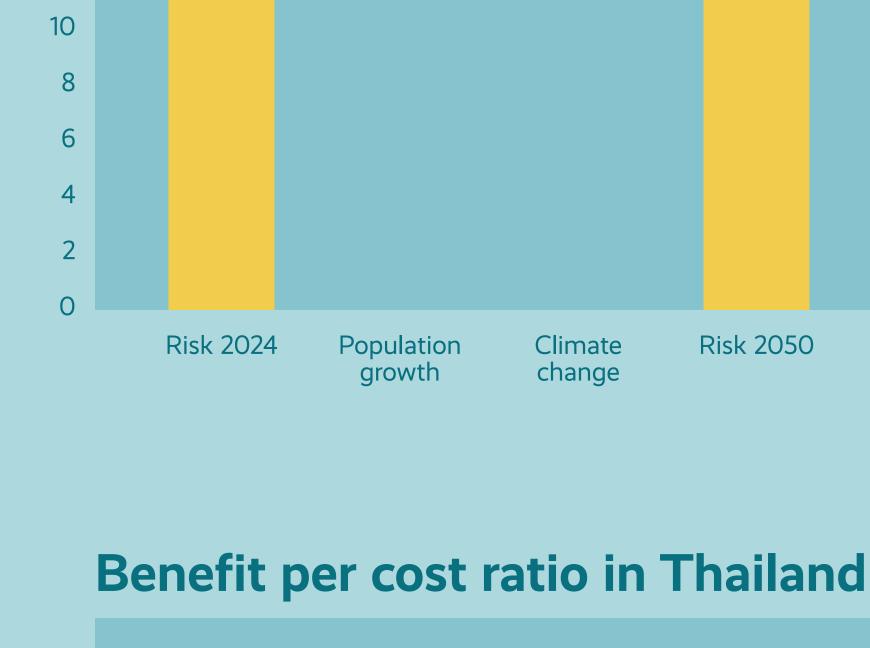
The remaining data

secondary sources

and open databases.

are supplemented with

CLIMADA assesses the Currently 15,000 people are



-5%

18

16

14

12

Impact (x1,000 people)

Benefit/cost ratio (people/1,000 US\$)

14

12

0.0

-2.5

-5.0

-12.5

15

by waterborne diseases, supporting decision makers in developing adaptation strategies and risk financing plans.

CLIMADA analyses the benefit

compared to the investment

of adaptation measures

exacerbated by floods. This number is expected to increase by 26% by 2050.

**Expanding green spaces** 

cost-effective strategy for

health impacts in Thailand.

emerge as the most

reducing flood-related

affected by waterborne

diseases in Thailand

Stakeholder engagement

validation and exchanges

is also key for data

between parties.

## Retention reservoirs



required to reduce the impact of floods on those affected by waterborne diseases, facilitating the prioritization of adaptation measures.

**CLIMADA** provides localized impact data that the Dynamic General Equilibrium model for Climate Resilient Economic Development

**Wetland restoration** 

and rehabilitation

**Improved** 

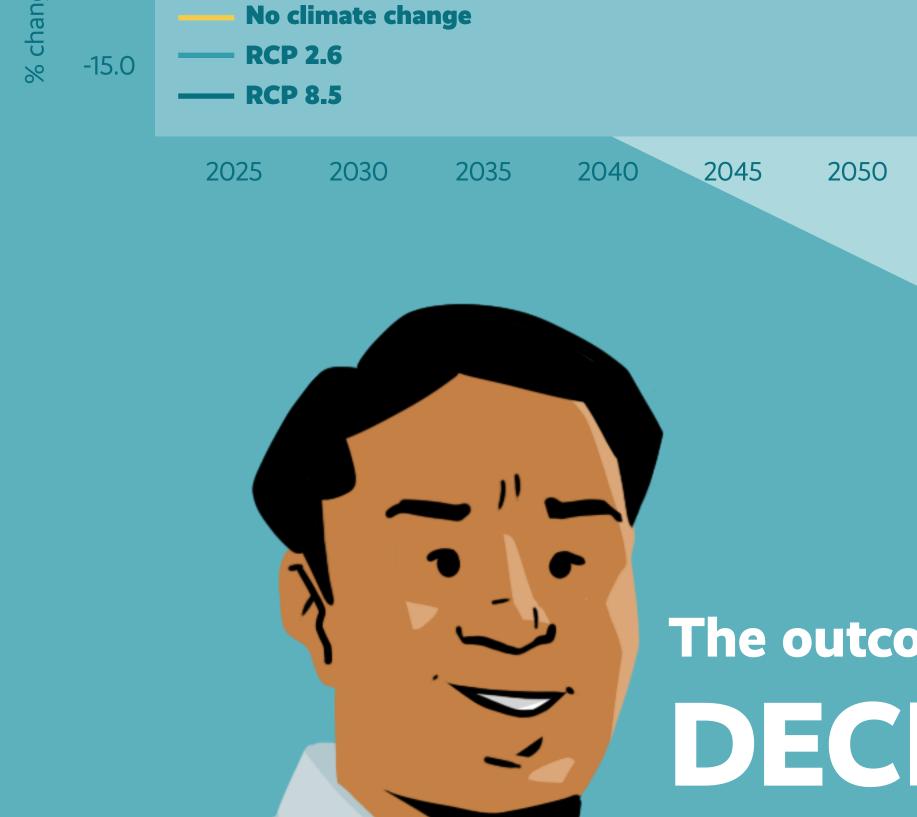
solid waste

management

## (DGE-CRED) uses to estimate the effects on macroeconomic variables such as GDP and household consumption, as well as the potential macroeconomic benefits of adaptation measures.

**Current and Future Household Consumption in Thailand** CRED showcases the current By 2050, climate hazards could reduce consumption and future household by 13% or 44.5 Billion USD, consumption using CLIMADA risk data, limiting people's economic

of the hazards?



showcasing the growing

impact on Thailand's

economy.

capacity to purchase goods

and services in Thailand.



ECA, alongside its modeling platform CLIMADA, helps governments and financial institutions make data-driven decisions on adaptation investments and risk financing.









german

cooperation

**DEUTSCHE ZUSAMMENARBEIT** 

