

1. Introduction

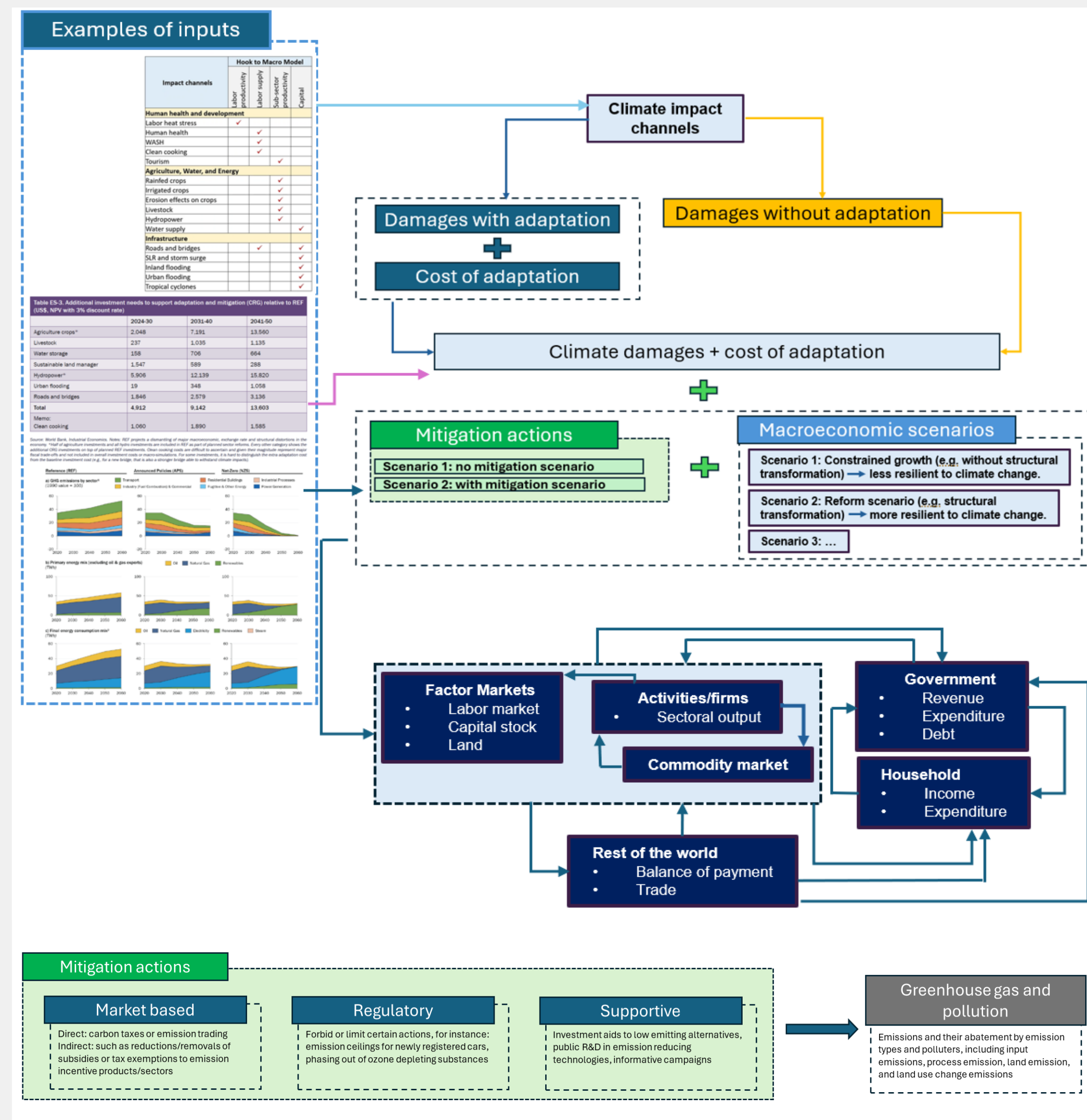
The MANAGE-WB model is a CGE model that evaluates the impacts of climate change and related policies. It captures emissions by types and source of pollution and integrates inputs from other models.

The **Climate Damages Module** integrates damage channels from biophysical models (e.g., productivity and capital loss) and **adaptation** efforts under various climate scenarios.

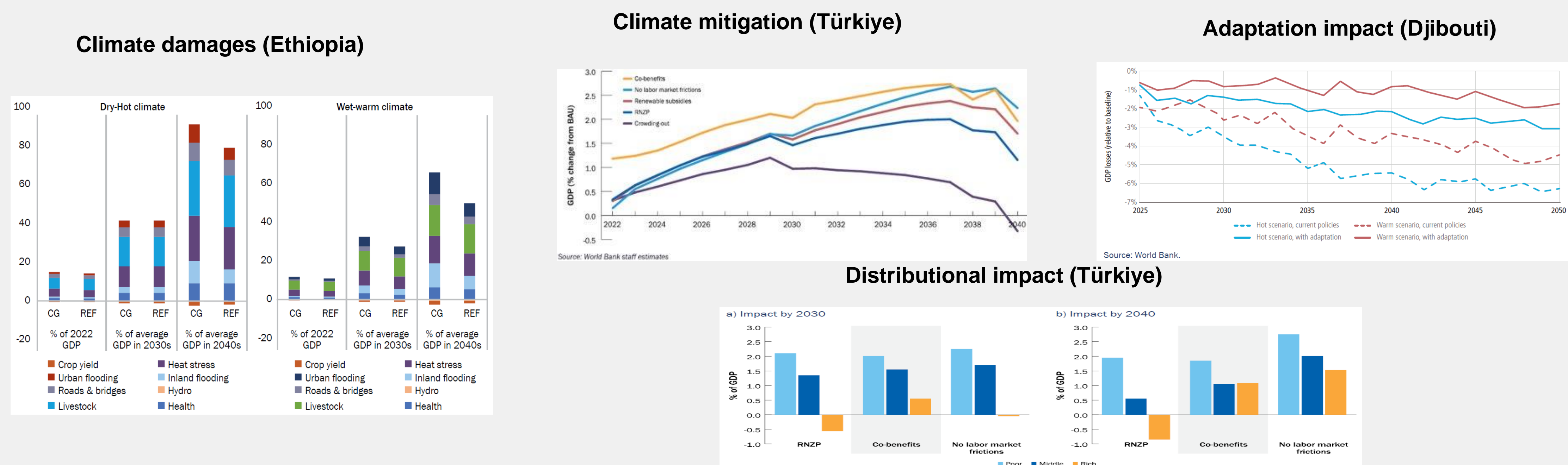
The **Climate Mitigation Module** includes

- market-based mechanisms (such as a carbon tax and subsidies)
- revenue recycling options
- regulatory measures
- inputs from sectoral models, such as energy and transport models (e.g., power mix, fuel consumption projections and related investment needs).

2. Key impact channels



3. Example Results from MANAGE-WB Country Applications



4. Questions MANAGE-WB can address

What are the macroeconomic, sectoral, distributional, and fiscal impacts of

- climate change?
- adaptation efforts?
- a carbon tax and different revenue recycling options?
- various climate financing options?
- air pollution?
- Combined climate and macro shocks?
- + many more

5. How can we help?

MANAGE-WB has a user-friendly graphical interface that enables users to construct a Social Accounting Matrix (SAM) using its GTAP database. Additionally, it allows users to run both baseline and counterfactual scenarios by selecting from a comprehensive list of options and customizing the inputs as needed.

You can also build a SAM using your country data and our simple template on the interface.

The Bank's CGE Modelling team provides in-depth training to client governments covering the use and maintenance of the model.

To arrange a presentation for your team, contact:

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