## Technical & policy segment MANAGE-WB



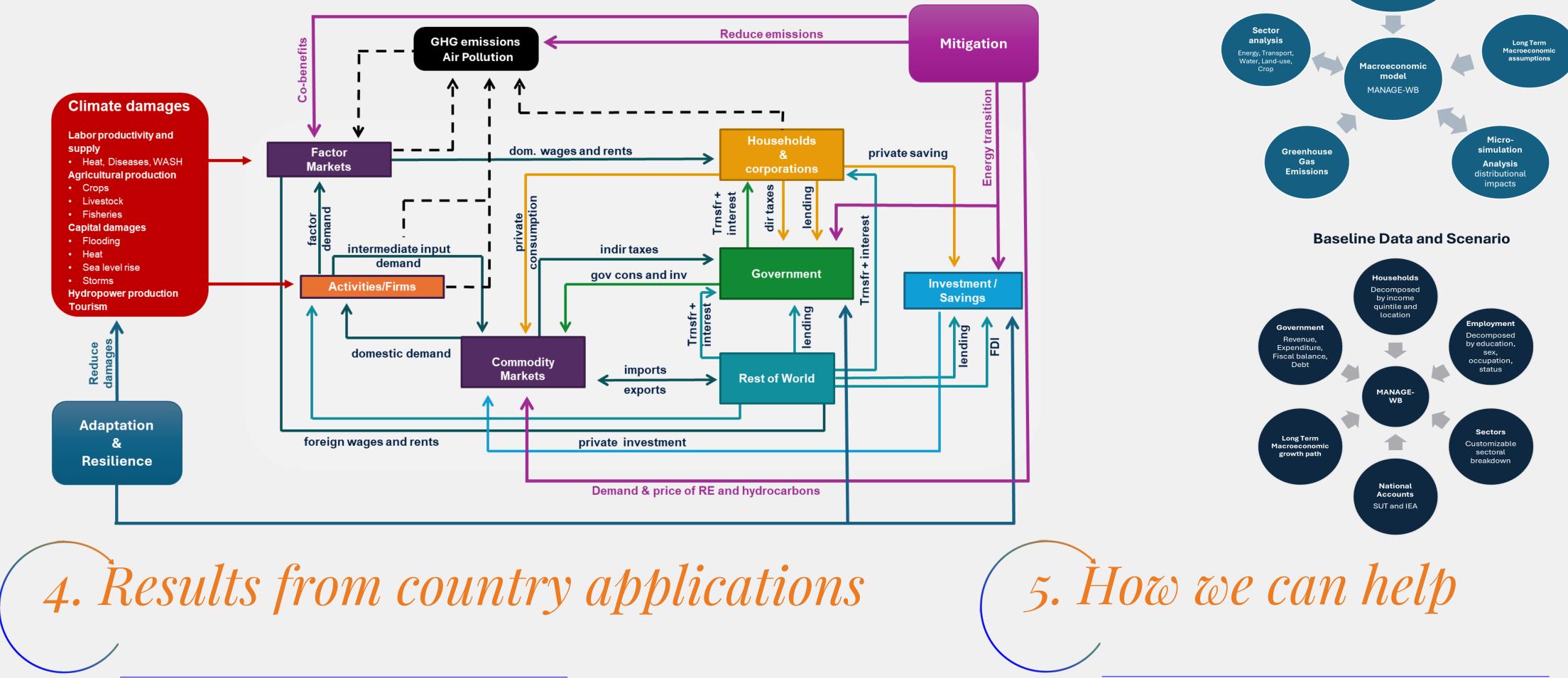
1. MANAGE-WB in a nutshell

**MANAGE-WB** (Mitigation, Adaptation, and New Technologies Applied General Equilibrium Model of the World Bank) is a state-of-the-art, recursive dynamic, multi-sector, multicommodity, multi-agent, single-country Computable General Equilibrium (CGE) model.

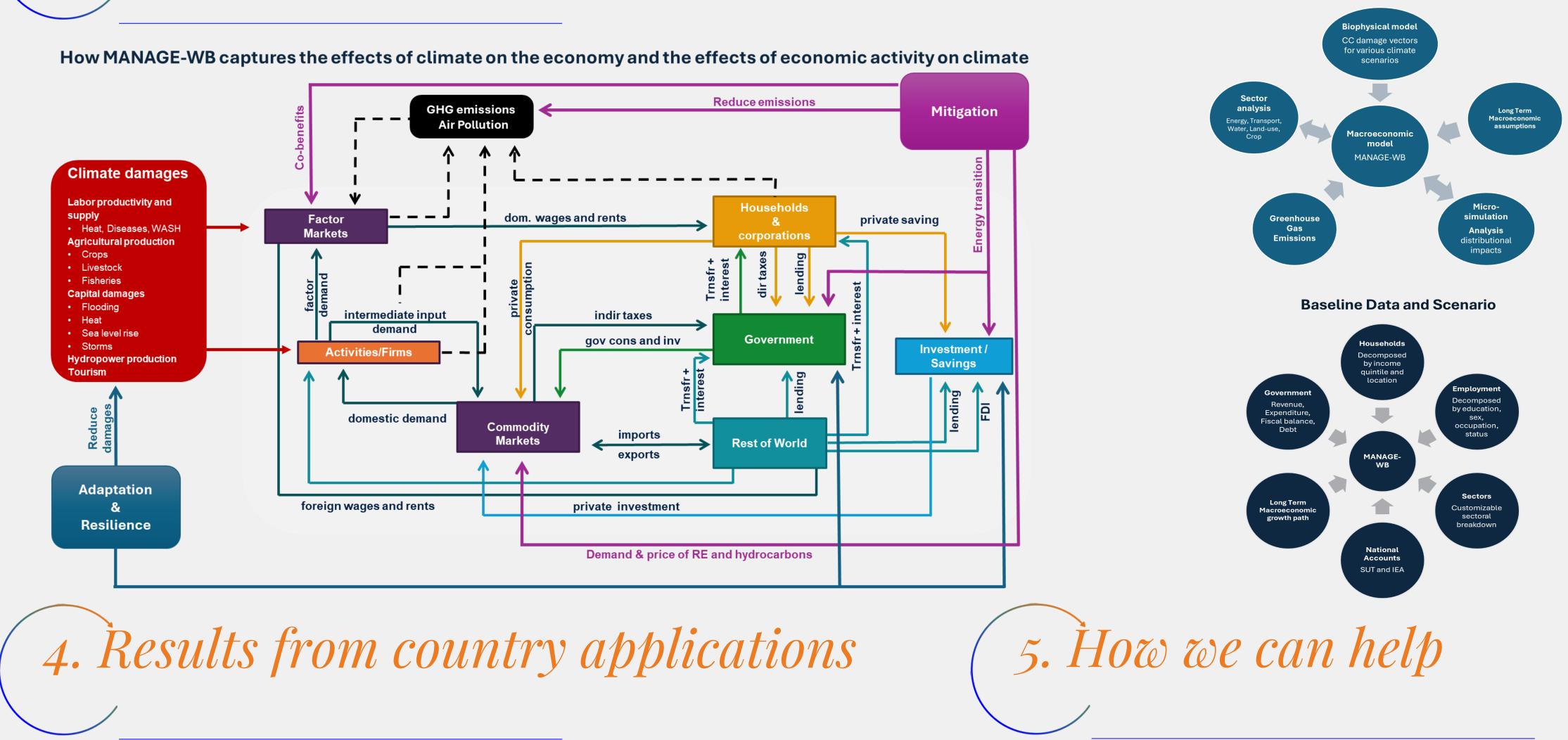
Its recent focus has been on evaluating the macroeconomic impacts of climate change, mitigation, and adaptation policies. This analytical framework was used in over 20 **Country Climate and Development Reports** (CCDRs).

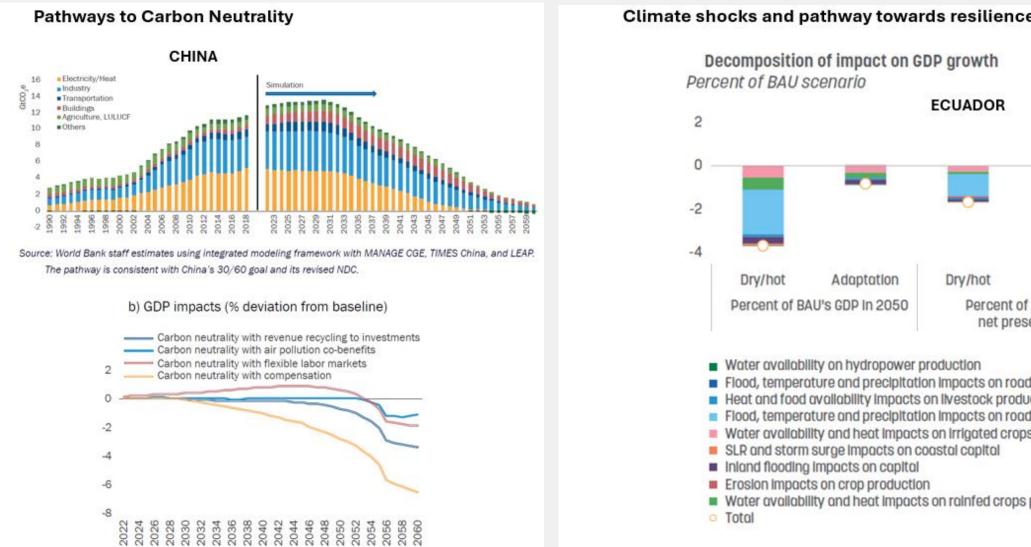


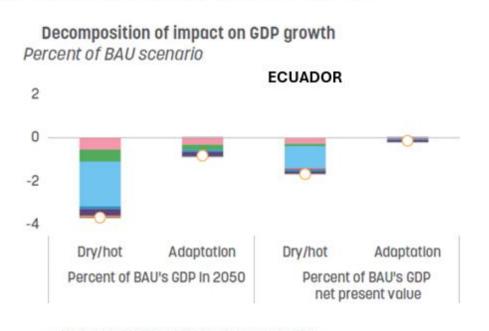
## 3. Climate modules in MANAGE-WB



Linking MANAGE-WB model with other models







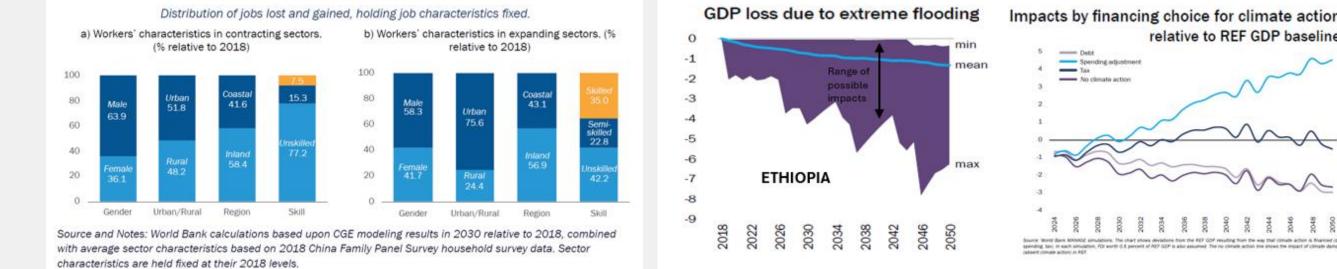
 Water availability on hydropower productio Flood, temperature and precipitation impacts on road/bridaes capito Heat and food availability impacts on livestock productio Flood, temperature and precipitation impacts on road/bridges delays Water availability and heat impacts on irrigated crops production SLR and storm surge impacts on coastal capital Inland flooding impacts on capital

Water availability and heat impacts on rainfed crops production

Erosion impacts on crop production

MANAGE-WB utilizes a user-friendly graphical interface, allowing users to create Social Accounting Matrices for up to 160 countries and simulate baseline and counterfactual scenarios by selecting from a rich list of options, as well as by adding customized inputs.

The WBG modelling team develops and trains Ministry of Finance staff on the use and maintenance of customized climate



ready models.

To arrange a presentation for your team contact:

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## Scan to access the kiosk documentation & further references