

Strengthening policy reforms for green recovery in the climate and renewable natural resource sectors in Kenya



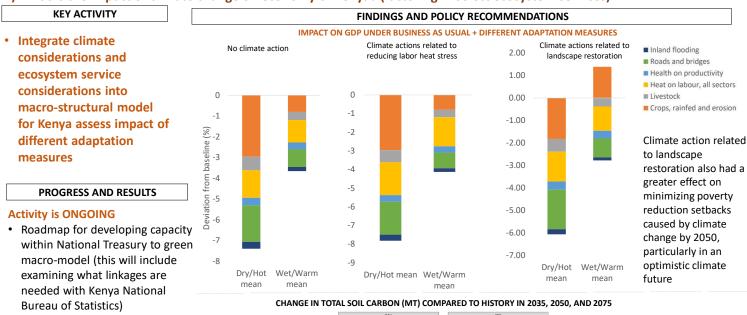
Main agencies: Ministry of Environment, National Treasury

TTA grant October 2021 – March 2024

Objective of TTA: (a) To strengthen integration of natural capital and climate-change considerations in macroeconomic model and in turn inform policy design and (b) conduct select sector studies to identify ways to enhance consideration of natural resource management and low carbon climate resilience outcomes

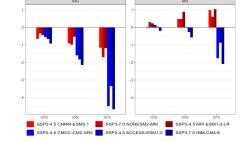
Policy questions:

1) What is the impact of climate change on economy of Kenya? (factoring in select ecosystem services)



RESULTS TO DATE:

 Informed Kenya CCDR: one of the priority action areas in the CCDR
 i.e., Improving Management of Water, Land and Forests for Climate Resilient Agriculture and Rural Economies



Examined potential for carbon sequestration under BAU and climate action related to landscape restoration (AD3). Finding: Relatively better carbon sequestration potential under AD3 for all climate futures

2) How does landscape restoration impact biodiversity and cultural ecosystem services?

 KEY ACTIVITIES
 FINDINGS AND

 Rapid assessment of how change in land cover impacts biodiversity and cultural ecosystem services
 Actual (2018)
 Projected (2050)

 PROGRESS AND RESULTS
 PROGRESS AND RESULTS
 Projected (2050)
 Projected (2050)



CHANGES IN PROJECTED NATURE-BASED TOURISM VALUE BY 2050 UNDER BAU AND ASP SCENARIOS ACROSS BROAD LAND COVER CATEGORIES

Broad land cover	DAU		ASPIRATIONAL	
	Nature-based tourism value (US\$ millions/year)	Per-hectare nature- based tourism value (US\$)	Nature-based tourism value (US\$ millions/year)	Per-hectare nature-based tourism value (US\$)
Natural	1,221.6	26.8	2,365.6	48.9
Agriculture	238.4	21.2	174.7	21.0
Urban	30.6	268.9	30.3	267.7
Water	36.9	30.6	63.3	52.3
Total	1.527.5		2,633,9	

 Ongoing discussion on using analysis created to either (i) prioritize landscapes

Activity is ONGOING

for Kenya Watershed Services Improvement (KEWASIP) Program for Results (P4R), or to (ii) determine interventions within the selected areas of KEWASIP (during preparation of the P4R) **RESULTS TO DATE:**

Completed analysis of ecosystem service

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