



Using Integrated Macroeconomic Impact Assessment to Inform Just Transitions and Identify Opportunities in the Labor Market in Green Economic Sectors: Colombia as a Country Application

1. Name of proposing Party or organization.

Global Green Growth (GGGI) (3)

2. Brief description of the proposed study:

tools to inform decisions on just transition, economic diversification, investment, climate policy implementation, and the labor market development. It will use GGGI's in the field experience in Colombia, Uganda, Côte d'Ivoire, Cambodia, and Indonesia to showcase a real country application of GGGI's published guide: *Aligning Climate and Economic Planning: A Guide for Integrating Macroeconomic and Financial Dimensions*. The guide proposes an integrated process covering governance and coordination; analysis of the policy and economic context; macroeconomic analysis; finance and fiscal analysis; and implementation and monitoring. It identifies tools including macroeconomic modeling, cost-benefit analysis, employment assessment, fiscal analysis, climate-finance-gap assessment, adaptation analysis, and loss-and-damage assessment. The study will focus not only on whether tools exist, but on how their results are used to compare policy scenarios, assess distributional effects, identify trade-offs, prioritize investments, design financing strategies, and inform implementation decisions, all to create jobs and increase social wellbeing. For example, in Colombia, the country offers three complementary applications. First, the AdaptaCesar project provides a territorial diversification case in a coal-dependent department, where impact assessment can help compare ecosystem restoration, climate-smart agriculture, nature-based tourism, sustainable value chains, enterprise support, employment, and climate-finance options. Second, the GGGI-led Sustainable Power and Resilience for Colombia's Energy Communities provides an energy-transition case in which investment, employment, affordability, energy access, gender, fiscal, and resilience impacts need to be considered together. Third, GGGI's support for the participatory construction of Colombia's NDC 3.0 in the Coffee Region provides a policy-process case for examining how technical analysis connects to territorial priorities, human rights, peace, gender, and just-transition concerns.



The research will reconstruct selected decision processes and document which tools were used, by whom. At that stage, with what data and assumptions, and with what influence on policy or investment choices. It will assess whether employment, distributional, gender, and regional impacts are considered alongside GDP, emissions, fiscal, and finance indicators. It will also identify circumstances in which analytical evidence fails to influence decisions because of institutional mandates, data gaps, modeling limitations, political economy, or weak links between analysis and budgeting. The final output will be an applied framework showing how countries can select and sequence impact-assessment tools to inform labor market interventions and employment creation, according to policy stage, institutional capacity, and data availability. It will show how impact assessment can make just-transition and employment-creation pathways economically credible, financially realistic, and implementable.

3. United Nations region to be covered by the case study:

Latin America and the Caribbean;

4. Country or countries to be covered by the case study

Colombia, Uganda, Côte d'Ivoire, Cambodia, and Indonesia

5. Area of the case study:

The experience of countries on the use of impact assessment tools ;

6. Expected duration for completion of the case study (in months):

5

7. Contribution of the submitting organization

Technical inputs;Data;Authorship;

8. Can the study be developed without financial support from the UNFCCC?

No

9. If no, please provide the estimated range of required financial support in USD (Please note that the UNFCCC is not a donor organization and has limited funding):



20000

10. Please provide the status of any preliminary work undertaken that could serve as a basis for the study, including a link to any available reports, if available.

Preliminary work is advanced. GGGI published the Macroeconomy guide in March 2026, followed by an expert explanation in July 2026. Additional preliminary materials include GGGI's country projects portfolio



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