

# Sustainable Landscapes

## Enhancing Policy Integration between National and Sub-national Levels to Enable Robust Emission Reduction

### Indonesia's Sustainable Landscapes

Indonesia's rise as a G20 member and potential leading economy by 2045 has come at a significant environmental cost, including deforestation and land degradation. To address this, the government has developed and implemented ambitious policies aimed at reducing emissions (Nationally Determined Contributions/NDC) and achieving a net-zero carbon balance in the Forestry and Other Land Use (FOLU) sectors by 2030. It requires a shift towards low-carbon development, with a significant reduction in carbon intensity. As the FOLU sector accounts for 60% of Indonesia's emissions, achieving this goal will require a substantial transformation of the forestry and agricultural industries. To achieve this change, inclusive and business-based approaches for sustainable landscape management will be implemented at a large scale.

### Our Approach

GGGI provides expertise to accelerate the adoption of solutions to support transformational land-use development for meeting the climate agenda, with lasting benefits for communities, by:

- Operating on both national and subnational levels for multi-level change
- Utilizing a demand-based approach
- Replicating and scaling up successful solutions based on lessons learned for greater impact,
- Fostering country ownership

## Sustainable Landscapes Programmatic Solution Contributions to Indonesia

 <b>NDC Forestry Sector and FOLU Net Sink 2030</b>	Catalyzing effective policymaking and planning	<ul style="list-style-type: none"> <li>Forestry background study for the National Medium-Term Development Plan</li> <li>Provincial REDD+ emissions reduction programs</li> </ul>
	Mobilizing public and private investments	<ul style="list-style-type: none"> <li>Landscape-based bankable projects</li> <li>Social forestry scheme</li> </ul>
	Strengthening the capacity of key institutional actors	<ul style="list-style-type: none"> <li>Continued support for Forest Management Units</li> <li>Strategic Environmental Assessments trainings</li> </ul>

## GGGI Contributions in Numbers (2016-2022)

GGGI has contributed to green growth development in Indonesia by supporting policy development, knowledge development, mobilizing financing and investments, and capacity building.



**72**

Impactful policies and plans adopted



**193**

Knowledge products and studies

**USD  
476 M**

Investment secured



**4,000**

Policy and decision makers trained

## GGGI's Sustainable Landscapes Program Outcomes



### REDD+ Financing, Programs, and Policies to Catalyze Green Growth

GGGI supported the Ministry of Environment and Forestry (MoEF) and provincial government to design the Emission Reduction Program policy and institutional framework for Indonesia's first subnational REDD+ project in East Kalimantan, under the Forest Carbon Partnership Facility - Carbon Fund. The program mobilized investment commitment of USD 110 million and is expected to lead to emission reductions of 86.3 MTCO<sub>2</sub>e over a five-year period, with 22 MTCO<sub>2</sub>e offered to the Carbon Fund.

The lessons learned were replicated in Jambi under the BioCarbon Fund project design. This program has mobilized a pre-investment of USD 13.5 million and created a pipeline of USD 70 million that is expected to lead to emission reductions of 14 MTCO<sub>2</sub>e over a five-year period. These experiences were then upscaled to the national level for developing the Green Climate Fund REDD+ Results-Based Payments for the period of 2014-2016, which generated a total mobilized investment commitment of USD 103.8 million.



### Spatial-based Program Integration to Promote Corrective Actions in Forest Management And Governance

Technological advancement has allowed us to integrate spatial-based data into environmental and forestry planning, implementation, and evaluation activities. GGGI developed a method using three main pieces of information, involving the mapping of: (a) forest area optimization, (b) institutional typology, and (c) biogeophysical index. The method is adopted by the MoEF to develop the Operational Plan for the FOLU Net Sink 2030. Currently, GGGI is supporting the MoEF to integrate the Plan's mitigation actions into the forestry multi-business guidelines for accelerating a change in the forest management paradigm, from timber-based to multi-forestry business approaches.



### Synchronized Actions to Achieve Climate Target in the Forest and Land Use Sector through FOLU Net Sink 2030

GGGI collaborates closely with the MoEF, provincial governments, universities, and local stakeholders to strengthen the government's commitment to synchronize national and subnational plans and develop effective policy making to drive reduced deforestation and peatland degradation and ensure avoided forest loss, especially in provinces with large areas of intact forest.

Currently, GGGI is supporting the MoEF to promote coherent and interrelated decision-making and real actions at various levels toward the implementation of Indonesia's FOLU Net Sink 2030 through its working modalities: Sustainable Forest Management, Environmental Governance, and Carbon Governance.



## Sustainable Landscapes Program Partners



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GREEN  
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## Provincial Partners

Central Kalimantan Provincial Government • East Kalimantan Provincial Government • North Kalimantan Provincial Government • South Kalimantan Provincial Government • Papua Provincial Government • West Papua Provincial Government • Cendrawasih University • IPB University • Lambung Mangkurat University • Mulawarman University • University of Borneo Tarakan • University of Palangka Raya • University of Papua

## About GGGI

The Global Green Growth Institute (GGGI) is a treaty-based international, inter-governmental organization dedicated to supporting and promoting strong, inclusive and sustainable economic growth in developing countries and emerging economies.

## Our Vision

A resilient world of strong, inclusive, and sustainable growth.

## Our Mission

A global transition toward a model of green growth. While this will be differentiated at the country level, at its core will be strategies that simultaneously achieve poverty reduction, social inclusion, environmental sustainability, and economic growth.

## Our Core Values

GGGI's five core values – Integrity, Transformational, Inclusive, Boldness, and Excellence provide the guiding framework for the way we work. We will continually engage our people to uphold our values, in order to embed an organizational culture that is innovative, collaborative and focused on delivering results against our mission as "ONE GGGI".





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