



Global
Green Growth
Institute

GGGI's Global NDC Alliance



GGGI's Global NDC Alliance



GGGI supports most of the countries where we operate with development and implementation of their NDCs under the Paris Agreement. Collectively we refer to this work as GGGI's Global NDC Alliance.

GGGI also supports collaborative NDC implementation among its Members, as outlined under Article 6 of the Paris Agreement.

GGGI is a Member and Implementing Partner of the NDC Partnership.



Who We Are

The Global Green Growth Institute (GGGI) is an intergovernmental organization championing green growth and climate resilience.

Headquartered in Seoul and with teams embedded in 26 partner country government offices around the world, the Institute is dedicated to supporting governments transition towards a model of economic growth that is environmentally sustainable and socially inclusive.

Although economic growth is recognized as the main engine for poverty reduction and human development, current models of growth often lead to unsustainable environmental costs, resource depletion, and increased social inequality.

The promise of green growth is a simultaneous advancement of economic growth, environmental sustainability, poverty reduction, and social inclusion.

While substantial progress has been made in establishing a global framework for tackling the challenges of climate change and global poverty, significant challenges must still be overcome for the world to deliver on the ambitions of building a resilient future.

GGGI's Delivery Model and Services

GGGI supports its Member and partner countries in mainstreaming green growth and climate change actions into their national and sub-national economic development plans and visions.

The Institute provides a suite of green growth services for governments to green their cities, energy systems, industries, infrastructure, land, and water resources. GGGI also helps to address financial, policy, and knowledge gaps, and challenges in its Member and partner countries, supporting them to green their investments. In addition, the Institute delivers a compelling and rigorous evidence base that showcases impact through policy research, analysis, and data-driven tools and methodologies.

From Planning to Investment Upon completing the scoping process and in preparation for the delivery phase, GGGI offers a comprehensive set of services to both public and private sectors. In this value chain, GGGI offers a green growth planning and implementation approach from initial Diagnosis, Green Impact Assessment through Sector / Sub-Sector Strategy and Planning, and Project Design and Financing. Our last component – Implementation – primarily refers to policy implementation and Monitoring and Evaluation (M&E) support of initiatives undertaken by governments. Each component of the value chain is followed by a systematic appraisal process that captures learning, sharing, and application of experience and knowledge from programs, and ensures the robustness of GGGI advice and assistance.



Customized Services GGGI offers a set of customized services for its Member and partner countries, delivering long-term transformational change primarily through GGGI's in-country operations. GGGI provides technical assistance supporting countries at different stages of the planning and implementation of their green growth strategies. GGGI also supports governments in developing bankable green growth projects by providing technical assistance to develop stable and consistent policies, which are prerequisites for green investment.

As part of GGGI's advisory services, GGGI develops National Financing Vehicles (NFVs), sets up Monitoring, Reporting and Verification (MRV) systems, provides GCF readiness support and delivers advice in alignment with GGGI's four thematic priorities of energy, water, sustainable landscapes, and green cities which are central to achieving strong, inclusive, and sustainable economic growth.





Overview of GGGI's NDC Alliance

NDC Implementation

Even before the COP21 climate change talks in 2015, during which the Paris Agreement was adopted, countries submitted national climate action plans (Nationally Determined Contributions, or NDCs), which detail what each country will contribute to the global response to climate change, in line with their national circumstances. This expression of shared responsibility by the international community was a key factor of success in Paris. Now, countries are looking for ways to convert these commitments into action. Implementing the Paris Agreement and helping the world limit global warming to less than 2 degrees Celsius will require urgent action by all countries to transform economies towards a low-carbon, climate resilient development path – green growth. A key challenge is, first, to make climate funding available, and second, to develop a strong pipeline of bankable projects to deliver on the climate commitments. The Paris Agreement clearly outlines that all finance flows - both public and private - must be aligned with a low-carbon and climate-resilient future.

GGGI supports its partner governments in accessing domestic and international climate finance by building NFVs and a pipeline of bankable projects to deliver inclusive, pro-poor green growth, as well as climate action. GGGI is also assisting its partner countries to bridging financing gap by designing policies, advising governments, and strengthening institutions within countries and among countries.

GGGI can support NDC ambitions by establishing and strengthening NFVs by providing management support, linking the funds with NDCs and Sustainable Development Goals (SDGs) and attracting private financing through derisking of projects.

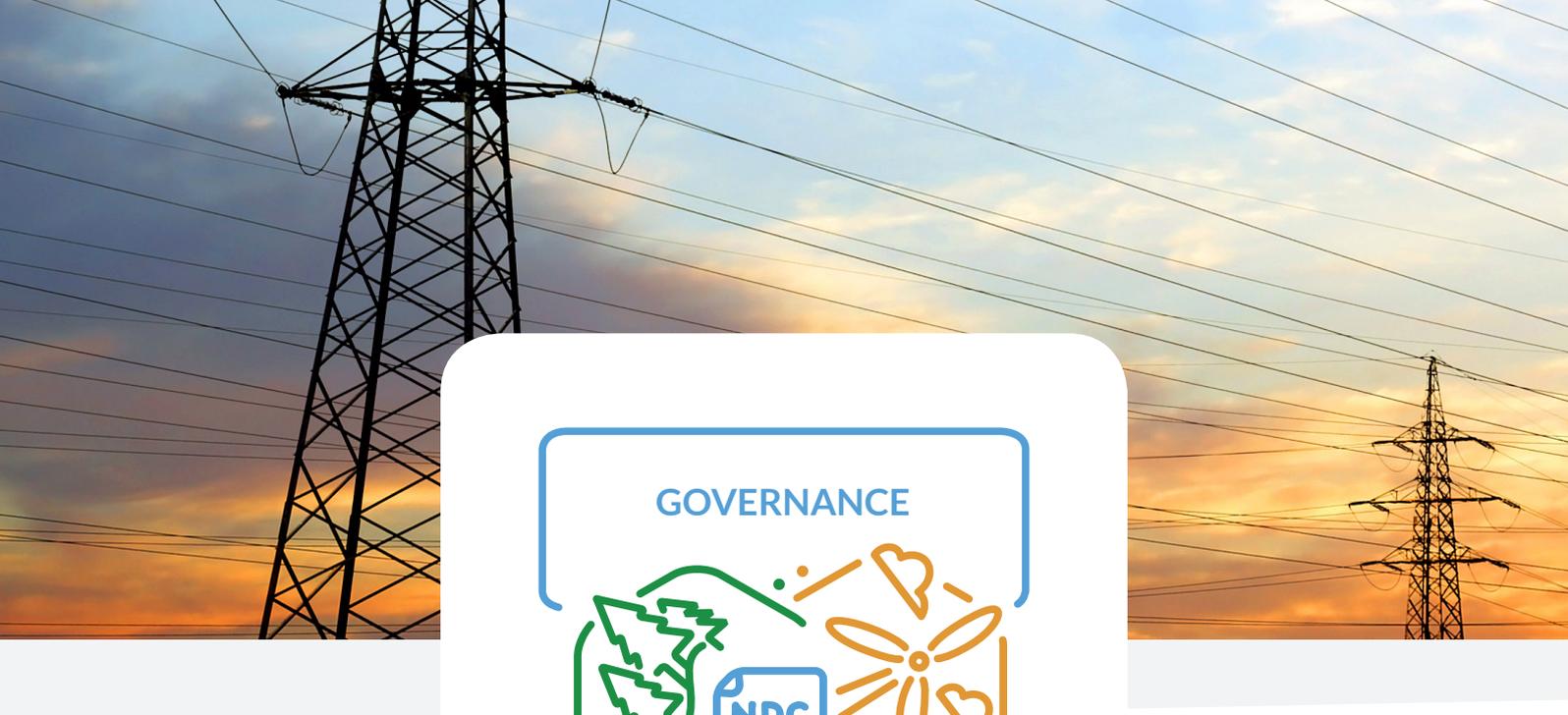
GGGI has identified and developed six key areas – Governance, Implementation of Targets, Monitoring, Reporting and Verification (MRV), Financing, Capacity Building and Knowledge Sharing and Sectoral Interventions – to respond to the main challenges of its Member and partner countries.

GGGI is well-positioned to deliver on the commitments of the Paris Agreement through supporting its Member and partner countries to accelerate the implementation of their NDCs. GGGI is actively exploring possibilities offered by Article 6 of the Paris Agreement that outline a number of mechanisms, formal and informal, for cooperation among countries. Enhancing and supporting the collaboration between and among GGGI Member and partner countries to implement their commitments to the Paris Agreement and achieve their Sustainable Development Goal (SDG) targets, is closely aligned with the mission of GGGI.



GGGI Member and Partner Countries





Challenges

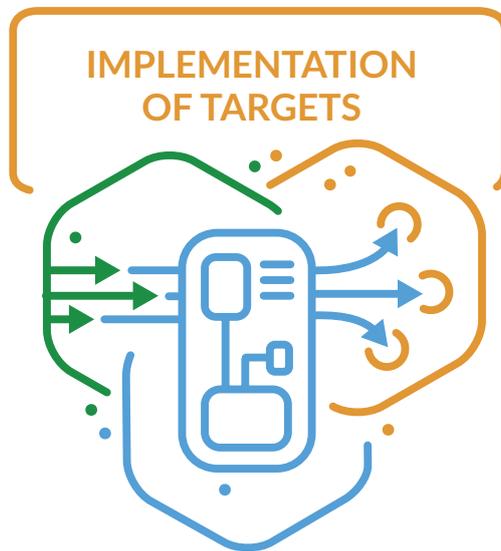
Fragmented priorities, resources and objectives

Unclear alignment between NDCs, Green Growth Strategies, National Development Plans, SDGs and other related national strategies

Insufficient involvement of private sector in formulating and achieving the targets

GGGI's Solutions

Integrating NDCs into national strategies, policies and institutional structures is key to achieving NDC objectives on a global scale. Effective, coordinated and accountable governance is a critical component of ensuring implementation of the NDCs. GGGI is working with Member and partner countries to strengthen national regulatory frameworks, integrate NDC implementation into existing government processes and set up institutional and coordination mechanisms. For example, the organization has supported the design of accountability and coordination mechanisms for green growth and climate action in Cambodia, Fiji, Indonesia, Jordan, Peru, Rwanda, Uganda, UAE, and Viet Nam at both the national and sectoral level. GGGI also supports its Member governments in climate diplomacy, advising Least Developed Countries (LDCs) in particular on how to navigate their way in international climate negotiations.



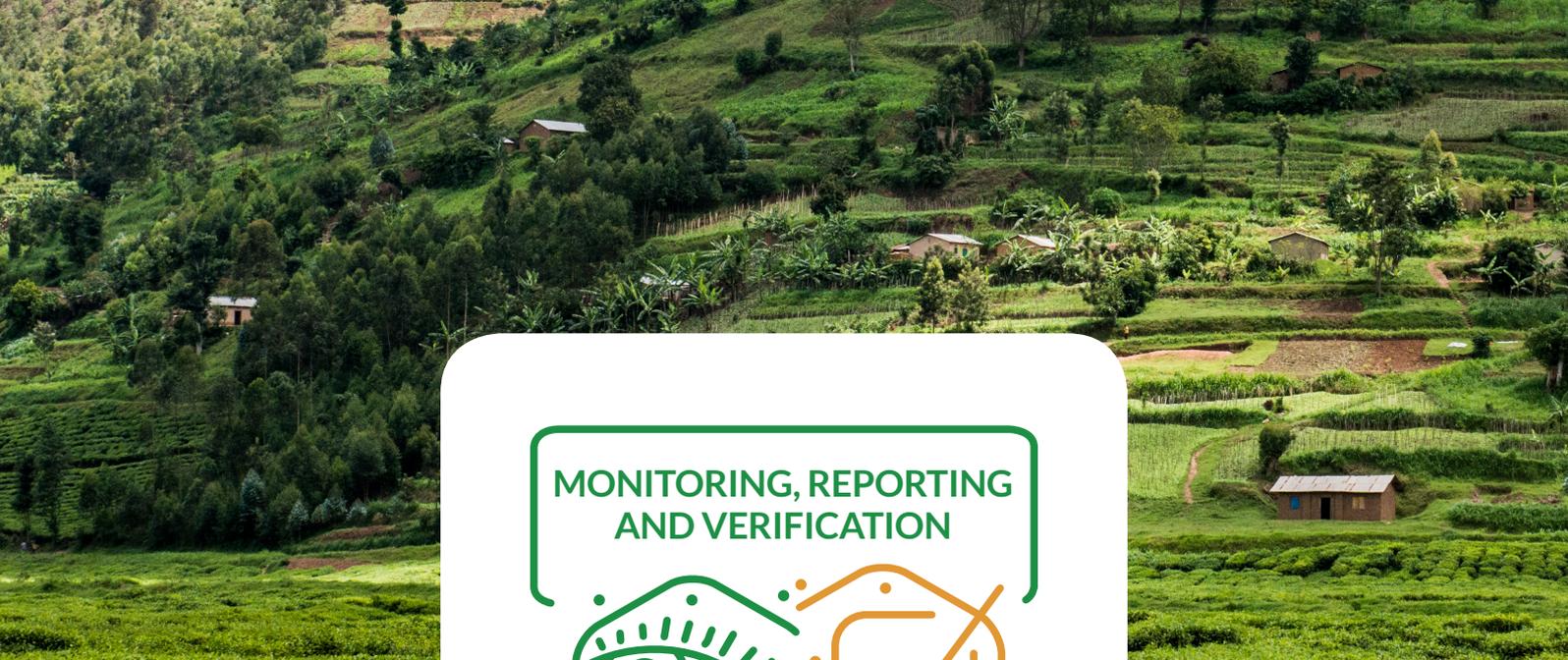
Challenges

Lack of concrete implementation plans

Weak coordination mechanisms for NDC implementation

GGGI's Solutions

Many countries are experiencing challenges in connecting policies and strategies to achieve their NDC targets. GGGI works to streamline existing strategies and plans so that they are integrated and coherent. The organization also develops national action plans for NDC priority areas, including identification and prioritization of mitigation and adaptation policies and actions through consultations with relevant stakeholders and decision makers. In the UAE, for example, GGGI supported the development of the Climate Change Master Plan. In Rwanda, the organization is developing a Green Growth and Climate Resilient Strategy. Once national action plans are in place, GGGI analyzes existing policies and prepares sectoral action plans. This can include assessing the implications of the measures lined out in existing policies, monitoring the progress of implemented policies or strategy revisions. For example, GGGI has worked with Thailand on a greenhouse gas reduction roadmap for the industrial sector and supported Mexico on a transport sector plan for improving air quality, mobility and climate action. Through monitoring and evaluation, GGGI works closely with partner governments to analyze progress and plan for future NDCs.



MONITORING, REPORTING AND VERIFICATION



Challenges

Transparency

Lack of data and/or reliability of data

Weak MRV systems and capacity to undertake required monitoring and reporting

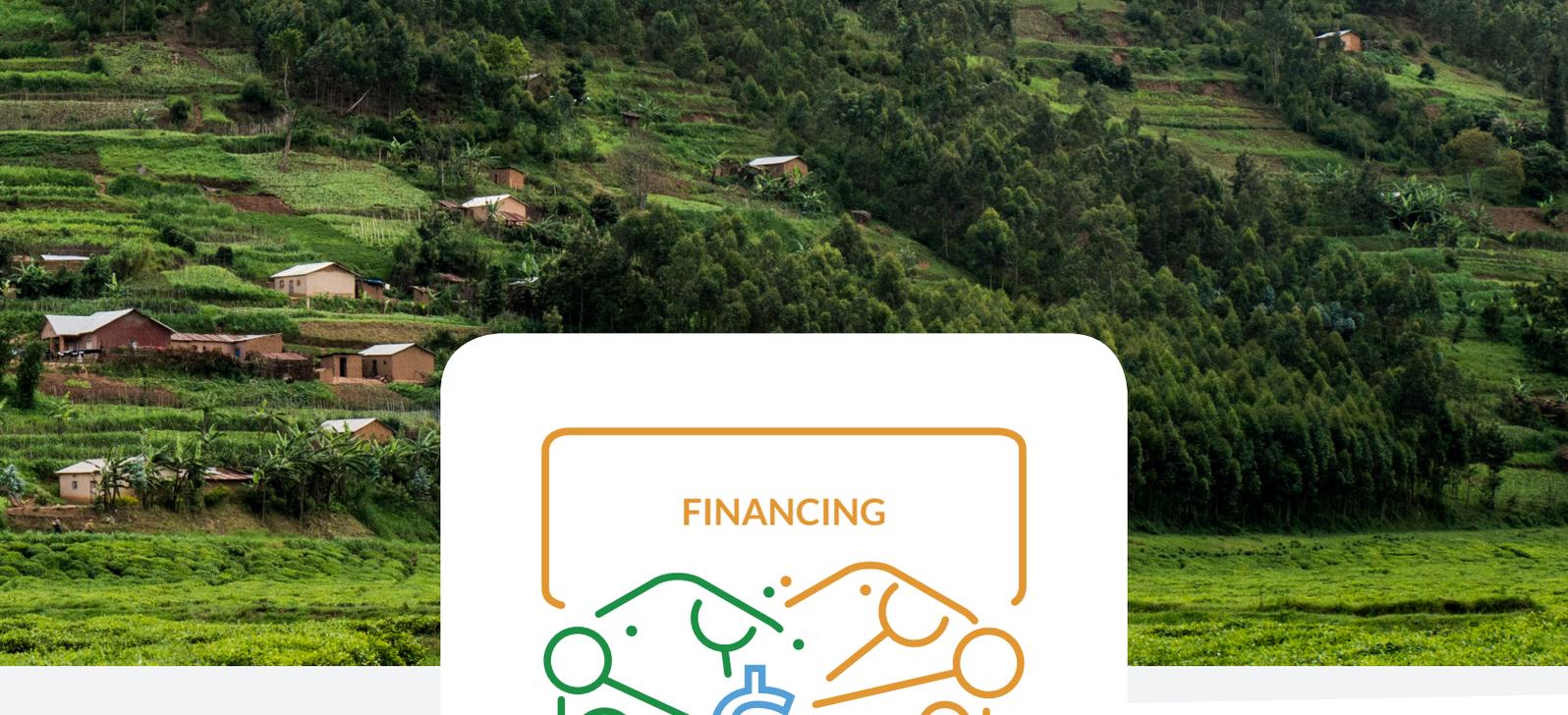
GGGI's Solutions

To keep track of progress against NDC commitments, countries need a Monitoring, Reporting and Verification (MRV) system to measure emissions and the impact of mitigation actions. GGGI's MRV program supports governments in gathering accurate data, producing guidelines and policy recommendations, setting up the proper institutional mechanisms and strengthening countries' capacity to establish and manage an MRV system.

GGGI's MRV program is geared towards assisting governments by producing a set of guidelines and policy recommendations to support the design and implementation of an MRV system.

An recent example is the MRV co-developed by GGGI and the Colombian Government, for the Amazon Vision program. The program is financed through a payment-for-performance mechanism that relies on an MRV system to monitor the reduction of deforestation across 45 million hectares of the Colombian Amazon region. Based on the outputs of the MRV, the program's donors provide funding to promote low-carbon sustainable economic development in the Amazon region through a variety of modalities.

GGGI also facilitates knowledge sharing on the implementation of MRV to enhance understanding and capacity of governments and affiliated agencies. The organization plans to liaise with national institutions in the Republic of Korea to gain technical expertise, capture best practices and facilitate lessons sharing – all of which will help in setting up an MRV system. Having a strengthened GHG data management system, in turn, will also help identify green investment opportunities for financing.



Challenges

Financing gap

Lack of financial resources to implement NDCs (Domestic/ International)

Lack of effective domestic financial mechanisms

Lack of incentive mechanisms to attract private sector investments

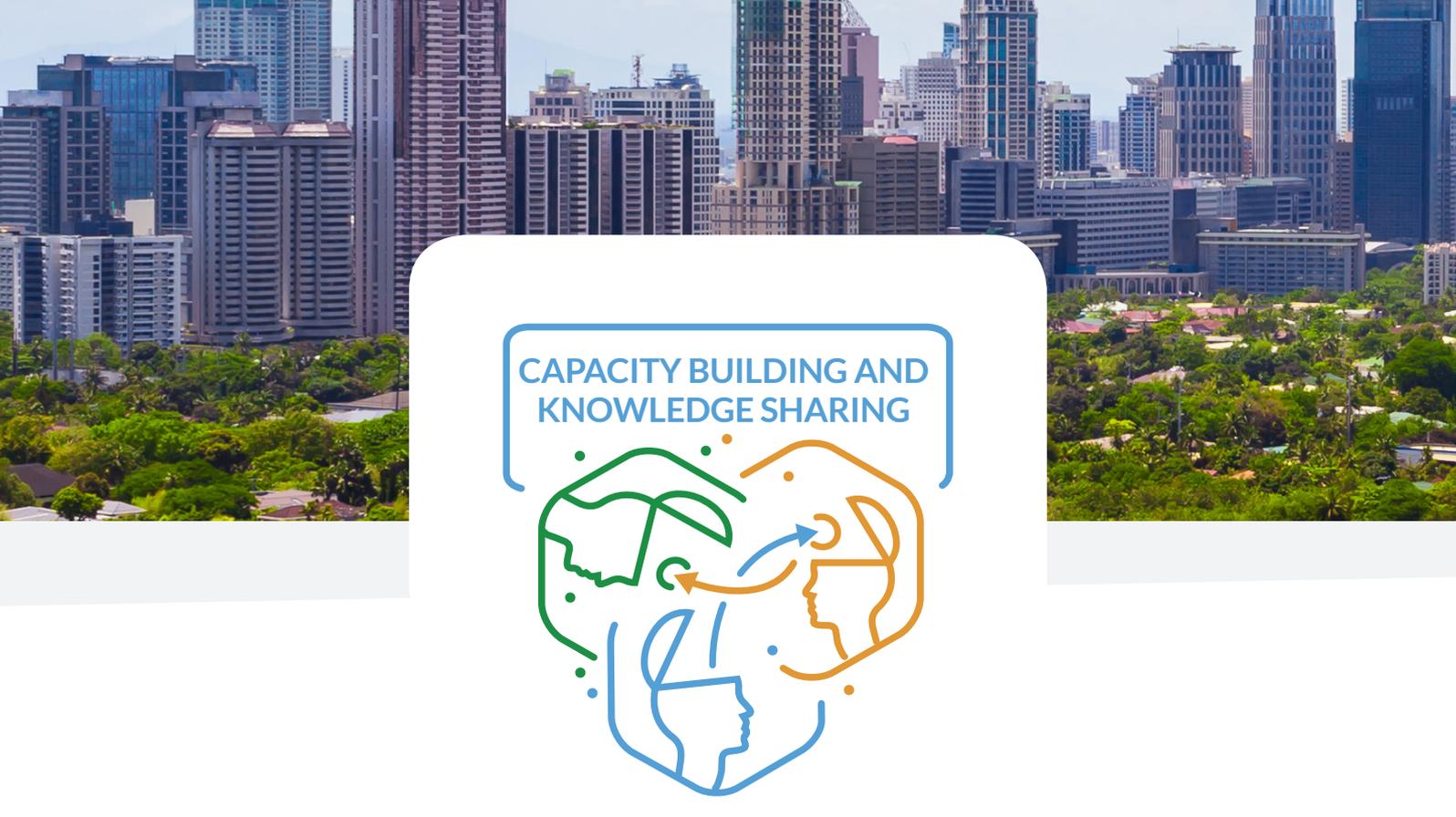
Lack of innovative financial structures for public private partnerships

GGGI's Solutions

GGGI aims to bridge the large financing gap between capital providers and capital receivers by assisting in developing policies, establishing strong climate finance institutions and creating bankable projects. GGGI supports the development of policies that are well-designed with the appropriate incentives to invest in and promote projects. Building strong climate finance institutions is key to handling associated capital flow. GGGI works with its Member and partner governments to develop bankable projects, which will harness the best risk-reward opportunities for investors.

Specific examples of GGGI's work to achieve its strategic priorities include:

- supporting countries to effectively mobilize both domestic and international resources through the design and operationalization of National Finance Vehicles (i.e. Ethiopia CRGE Facility, Philippine People's Survival Fund, Jordan Environment Fund),
- developing projects that are bankable based on NDC assessments to identify gaps in policies, NDC ambitions, financing, capacity, and other issues to achieve a 2 degree Celsius scenario under the Paris Agreement, and connect with suitable sources of finance, and
- structuring and designing risk reduction instruments (e.g. the Access to Clean Energy Fund for the off-grid energy sector in India, the energy efficiency investment program in Thailand).



CAPACITY BUILDING AND KNOWLEDGE SHARING

Challenges

Lack of technical expertise

Insufficient institutional capacity

Lack of capacity to originate and design project pipelines

Lack of capacity to access international financing (e.g. GCF)

Lack of capacity to adopt new clean technologies, including the development and/or transfer of technologies

GGGI's Solutions

GGGI supports its Members and partner countries in achieving their NDC targets through delivering capacity development and knowledge sharing initiatives. These include providing a range of training programs, tools and methodologies as well as facilitating platforms to mobilize and exchange knowledge, expertise and experiences through GGGI's knowledge sharing program. In the Philippines, GGGI is collaborating with 63 state universities and risk assessment trainers to train local government stakeholders on how to mainstream climate and disaster risk resilience into local development planning. In Thailand, GGGI works to strengthen the capacities of national and provincial level stakeholders in the areas of GHG roadmap development, GHG management, and carbon foot printing. GGGI is one with its partner countries and development partners in improving capacity and facilitating knowledge sharing to aid in the process of NDC implementation.



GGGI's Overview of the sectors/sub-sectors

Effective interventions are needed in GGGI's priority areas – green cities, water, sustainable landscapes and energy – for countries to implement and meet their NDC targets and achieve the Sustainable Development Goals (SDGs).

GGGI's sectoral interventions are geared towards building a regulatory environment that is conducive to green investments. Projects with financing potential are addressed in a thematic context in order to appropriately manage policy and regulatory barriers that often stand in the way of investment. Such interventions are therefore key to catalytic activity in the sector to open up markets.

GGGI is equipped with extensive expertise in these four areas, drawing its strength from a diverse array of talent that include engineers, analysts, policy experts, and investment professionals, in addition to country staff with extensive understanding of local context.

GREEN CITIES



Mainstreaming green growth into urban planning and implementation

Resource efficient and low-carbon cities

Decentralized solutions for sanitation and wastewater

Urban waste management

Transportation and mobility

WATER



Mainstreaming green growth into water and sanitation policies

Bioeconomy and green jobs

Decentralized solutions for sanitation and wastewater

Payment for ecosystem services (PES) schemes

SUSTAINABLE LANDSCAPES



Mainstreaming green growth in a landscape-level planning process

Bioeconomy and green jobs

REDD+

Payment for ecosystem services (PES) schemes

ENERGY



Expanded access to affordable/sustainable energy services

Sustainable energy generation mix

Enhancement and integration of energy efficiency



GGGI Membership

GGGI Membership is open to any member state of the United Nations or regional integration organization that subscribes to the objectives of promoting sustainable development of developing and emerging countries, including least developed countries, by:

- Supporting and diffusing a new paradigm of economic growth: green growth, which is a balanced advance of economic growth and environmental sustainability;
- Targeting key aspects of economic performance and resilience, poverty reduction, job creation and social inclusion, and those of environmental sustainability such as climate change mitigation and adaptation, biodiversity protection and securing access to affordable, clean energy, clean water and land; and
- Creating and improving the economic, environmental and social conditions of developing and emerging countries through partnerships between developed and developing countries and the public and private sectors.

Member states of the United Nations and regional integration organizations may signal their intent to become a Member of GGGI through formal correspondence to the Director-General. Member states of the United Nations and regional integration organizations are subsequently required to ratify, accept or approve the Agreement on the Establishment of GGGI, an international treaty, in accordance with their respective internal laws and processes. Following completion of the formalities required for the Establishment Agreement to have the force of law of a treaty, the prospective member is required to deposit its instrument of accession with the Director-General.

Questions and comments on membership may be directed to:

Head of Partnerships

Office of the Director-General

Tel: +82-2-2096-9991

Email: partnerships@gggi.org

Global NDC Alliance: Activities in Countries

		NDC ALLIANCE SIX PILLARS					
		GOVERNANCE	IMPLEMENTATION OF TARGETS	MONITORING, REPORTING AND VERIFICATION	FINANCING	CAPACITY BUILDING AND KNOWLEDGE SHARING	SECTORAL INTERVENTIONS
Asia & the Pacific	Cambodia	2	1		1	1	2
	Fiji	1	1		1	2	
	Kiribati		1			1	
	Lao PDR		1		1	1	
	Mongolia			1	2	1	
	Myanmar		1	1		1	
	Nepal		1		1	1	
	Philippines	2			1	1	2
	Thailand		2	1		1	
	Vanuatu		1		2	1	2
	Vietnam	2		1	1	1	1
Large Emerging Economies	China					1	
	Colombia	1		1		1	1
	India				1	1	1
	Indonesia	1	1		1	1	
	Mexico		1			1	2
	Peru	1			1	1	1
	UAE	1	1	1		1	
Africa & the Middle East	Ethiopia	2	1	1	2	2	2
	Jordan	1	1		1	1	
	Morocco		1		1	1	1
	Mozambique		1		1	1	1
	Rwanda	1	1		2	2	2
	Senegal		1		1	1	
	Uganda	1	1			1	

 Activities undertaken in 2015-2016

 Activities underway in 2017-2018



Copyright © March 2017

The Global Green Growth Institute
19F Jeongdong Building, 21-15,
Jeongdong-gil, Jung-gu,
Seoul, Korea 100-784

The Global Green Growth Institute does not make any warranty, either express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or any third party's use or the results of such use of any information, apparatus, product, or process disclosed of the information contained herein or represents that its use would not infringe privately owned rights.