



Global Green Growth Institute
12th Session of the Assembly and
16th Session of the Council (Joint Session)
October 9-20, 2023 | E-Consultations
October 26, 2023 | Hybrid Meeting
E-Consultations Item #2

2023 Program Progress Overview and Mid-Year Results

PURPOSE AND ACTION REQUIRED

Members of the Assembly and the Council are invited to:

Form with checkboxes for actions: Take note of GGGI's 2023 program progress overview and mid-year results, Endorse, Provide feedback, Other (please specify)

CONTEXT/BACKGROUND

GGGI will share its 2023 Program Progress Overview and 2023 Mid-Year Results Report, which presents the programmatic results that GGGI delivered in the first half of 2023 (January 1–June 30), primarily through its Work Program and Budget (WPB) 2023-2024.

SUMMARY

GGGI has made significant progress in the first six months of 2023. We have already met our 2023 Key Performance Indicator target for green investment commitments, mobilizing USD 1 billion. This includes some global firsts that we are particularly proud of—the world’s largest Debt for Nature Swap (USD 450 million in Ecuador), and First Ever Resilience Bond (USD 167 million in Mexico), as well as a Power Sector Reform Project under Himachal Pradesh Power Sector Development Program (USD 200 million in India).
GGGI supported the development of a GCF funding proposal of the Africa Finance Corporation that contributed to mobilizing USD 254 million of green investment commitments in climate resilient infrastructure services in 19 countries in Africa. We also enabled 11 green growth policies to be adopted (2023 KPI: 30), including transformational policies like Mexico’s Sustainable Taxonomy.
Our strategy of increasing country office development partner engagement, alongside regional level submission of funding proposals has contributed to our annual target of resource mobilization being 100% met at this mid-point of the year, with over USD 61 million project earmarked funding secured (100% of our annual target).

2023 Program Progress Overview and Mid-Year Results

Submitted by Helena McLeod (Deputy Director General & Head of Green Growth Planning and Implementation Division) and Kyung Nam Shin (Assistant Director General & Head of Investment and Policy Solutions Division).

- 1. We are delighted to submit to the Assembly and the Council GGGI's 2023 Mid-Year Results Report.** 2023 has so far seen an escalation of extreme weather events and many of our Member States and partner countries have experienced wildfires, cyclones, floods, droughts and tornadoes with catastrophic impacts on people, infrastructure, wildlife and prosperity. In September the US Science Agency confirmed that, already this year, records have been broken in terms of the number of extreme weather events the country has seen. This has knocked the world's largest economy but for many of our Members, especially those less affluent, the impact of extreme weather events has been catastrophic.
- 2. GGGI has anticipated this escalation of negative weather events** and with the anticipation that we have a seven-year window until 2030 to keep the world on a pathway to stay within the 1.5 degrees of relatively safe global warming, we have accelerated our efforts to support our members and partners' mitigation and adaptation efforts. We understand there is no time to wait and so we have increased our level of ambition in terms of our sustainable finance and green investment mobilization targets. We now seek to achieve USD 14 billion by 2025, doubled from our original target in Strategy 2030 of USD 6.9 billion.
- 3. We hope you feel proud of the achievements we have collectively made** in collaboration with you, our Member States and partner countries. Already, our mid-year results have succeeded in reaching our annual 2023 Green Finance Commitments Mobilized target of USD 1 billion. This builds on our 2022 achievement of USD 1.4 billion. We are on track to meet all our programmatic and resource mobilization Key Performance Indicators. We have placed a greater emphasis on impact on the ground and in mobilizing climate finance, rather than numbers of policies adopted and number of advisory services delivered as we push for impact at scale and high-quality delivery.
- 4. We continue to pioneer new forms of sustainable finance products.** In Ecuador, GGGI supported the world's largest debt-for-nature-swap, worth USD 1,628 million. USD 450 million will be invested in conservation efforts over the next 18.5 years. The Conservation investment will have a positive impact on the Galapagos National Park, the Galapagos Marine Reserve, and the new Hermandad Marine Reserve, which together total 198,000 square marine kilometers. Debt-for-nature-swap provides a potentially efficient mechanism to save our members and partners' money whilst channeling a portion of the funds saved into sustainable and green activities. Additionally, we have supported the issuance of the world's first Resilience Bond in Mexico, amounting to USD 167 million. Our bond initiatives now span multiple countries globally.
5. Our sustainable landscapes work has also demonstrated significant success this year with evaluations in Colombia and Indonesia reflecting the transformational nature of our work in our partnerships focused on green job and livelihood creation, reduced deforestation, forestry planning and linking this to innovative financial mechanisms. We continue to serve and advise our government partners and link our efforts to private sector finance mobilization wherever possible.
- 6. Global and Regional Programs have been identified as one of the main delivery channels** for scaling up investment efforts while recognizing that Project Preparation Facilities have a critical role in developing and maintaining them. GGGI has currently developed 8 Global Programs in

frontier areas of interventions, which are, 1) Green Hydrogen, 2) Methane Flaring Optimization, 3) BioCNG, 4) Sustainable Finance (Green and Thematic Bonds), 5) Green Buildings and Industry, 6) Electric Mobility (Land and Marine Transport), 7) Floating Solar, and 8) Circular Economy (Bio Char, Bio Plastics, and Waste2Energy). Each of the Global Programs has potential to mobilize USD 500 million to over USD 1 billion and to create impacts on GHG emission reduction and green jobs at scale, while providing opportunity to build skills, capacity, and knowledge on each of these programmatic areas within GGGI.

7. **The Korea Green New Deal Fund (KGNDF) remains a strategic initiative for GGGI, being its largest project preparation facility** to support GGGI's green investment targets by financing projects for Global Programs as well as other themes which includes district cooling, blue carbon, and the development of national greenhouse gas inventory. GGGI has also developed a significant pipeline of thematic bonds projects in 6 countries, with support from GCF, the KGNDF and UKPACT in the LAC region and will scale this work up via the newly launched Luxembourg Global Trust Fund on Sustainable Finance. These initiatives further reinforce GGGI's position as a leader in opening new markets for innovative sustainable finance instruments.
8. We also celebrate that through a **deepened engagement and partnership with our funders** at the country, regional and global levels, we have already achieved our annual target of Resource Mobilization of over USD 61 million. To maintain our quality of delivery in the face of continued expansion of our country coverage and staff we are investing in organization wide training in project management, as well as a structured program relating to GGGI systems, risk management, proposal writing, budgeting in proposals, report writing, and strengthening our knowledge transfer by incorporating stronger monitoring, evaluation and learning into project budgets.
9. We will continue to work tirelessly, with passion and innovation honoring our values of boldness, being transformational, excellence, inclusivity, and integrity.
10. We thank all our Member States for their support, partnership, and trust in us.

/End

Attachment: 2022 Mid-Year Results Report



MID-YEAR RESULTS REPORT 2023

Copyright © 2023

Global Green Growth Institute
Jeongdong Building 19F
21-15 Jeongdong-gil Jung-gu, Seoul 04518
Republic of Korea

The Global Green Growth Institute does not: (i) make any warranty, either express or implied; or (ii) assume 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 (iii) represents that its use by any third party would not infringe privately owned rights.



GGGI Burkina Faso, Women from national partner organizations taking their GIS training to the field to enhance their skills in collecting geographical data, Burkina Faso, 2023



GGGI Sri Lanka, Team retreat in Colombo, Sri Lanka 2023



GGGI Vanuatu, Team meeting with Greenpreneur in Port Vila, Vanuatu, 2023



CONTENTS

01	Key Highlights of January-June 2023.....	7
02	About This Report	11
03	GGGI's Portfolio & Programs in 2023.....	12
04	Key Results at Mid-Year	15
05	Key Results from Global Practices	24
06	Efficiency and Effectiveness.....	28

LIST OF ACRONYMS

AfDB	African Development Bank
CAF	Development Bank of Latin America
CAID	Climate Action and Inclusive Development
CBIT	Capacity Building Initiative for Transparency
CGTI	Cambodian Garment Training Institute
CPF	Country Planning Framework
CoP	Communities of Practice
COP	Conference of the Parties
COP-ASIC	Community of Practice for Article 6 Implementing Countries
CRF	Corporate Results Framework
CSA	Climate-Smart Agriculture
CTP	Carbon Transaction Platform
CTF	Carbon Transaction Facility
CPU	Carbon Pricing Unit
GCF	Green Climate Fund
FOLU	Forestry and Other Land Uses
GESI	Gender Equality and Social Inclusion
GEM	Green Economic Model
GEP	Green Economy Progress
GGPI	Green Growth Planning and Implementation
GGPM	Green Growth Performance Measurement
GHG	Greenhouse Gas
GIS	Green Investment Service
GO	GGGI Online
GPs	Global Programs
ICRF	Infrastructure Climate Resilient Fund
IEU	Impact and Evaluation Unit
IEF	Indonesia Environmental Fund
IIED	International Institute for Environment and Development
IKI	International Climate Initiative
IO	Intermediate Outcome
IPSD	Investment and Policy Solutions Division
KGNDf	Korea Green New Deal Fund
KPI	Key Performance Indicators
LAC	Latin America and the Caribbean
LT-LEDs	Long Term Low Emission Development Strategies
MEL	Monitoring, Evaluation, and Learning

M&E	Monitoring and Evaluation
MOEF	Ministry of Economy and Finance
MOPAs	Mitigation Outcome Purchase Agreements
MRV	Measurement, Reporting and Verification
MT	Management Team
NADB	North American Development Bank
NAFIN	Nacional Financiera (National Finance)
NAP	National Adaptation Plan
NDC	Nationally Determined Contributions
NFV	National Financing Vehicle
NICFI	Norway International Climate and Forest Initiative
ODG	Office of the Director General
OECS	Organization of Eastern Caribbean States
OED	Operations Enabling Division
PS	Programmatic Solutions
PPF	Project Preparation Facilities
RACER	Relevant, Accepted, Credible, Easy, and Robust
RBM	Results Based Management
RBP	Results Based Payment
RIE	Regional Implementing Entity
RM	Resource Mobilization
SAICM	Strategic Approach to International Chemicals Management
SDGs	Sustainable Development Goals
SEA	Strategic Environmental Assessment
SMART	Specific, Measurable, Achievable, Relevant, and Time-bound
SO	Strategic Outcome
SPC	The Pacific Community
SU	Strategy Unit
UAE	United Arab Emirates
UK PACT	United Kingdom Partnership for Accelerated Climate Transition
UNEP-WCMC	UN Environment Programme World Conservation Monitoring Centre
UNFCCC	United Nations Framework Convention on Climate Change
WPB	Work Program and Budget
WWF	World Wildlife Fund

01

KEY HIGHLIGHTS OF JANUARY-JUNE 2023

1.1 KEY RESULTS AT MID-YEAR

KEY RESULTS AT MID-YEAR

USD 1 Billion green investment commitments mobilized (2023 KPI: 1 Billion), including the world's largest debt-for-nature swap (USD 450 million in Ecuador) and First Ever Resilience Bond (USD 167 million in Mexico).

GGGI supported the development of the GCF funding proposal and helped mobilize green investment commitments (USD 253M) which will help build reliable infrastructure services in 19¹ countries in Africa.

11 green growth policies adopted (2023 KPI: 30), including transformational policies like Mexico's Sustainable Taxonomy.

Over USD 61 million project earmarked funding secured (100% of our annual target).



USD 1 Billion
Green Investment
Commitments Mobilized



Over 11
Green growth
policies adopted



Over USD 61 M
Project earmarked
funding secured

Midway through the first year of its 2023-2024 Work Program and Budget (WPB), GGGI's work continues to yield transformational results for its Member and Partner States, with results on par with the previous year.

Overall, GGGI helped secure over a billion USD in green and climate investment commitments in the first half of 2023. Our support to the government of Ecuador contributed to

what is currently the world's largest debt-for-nature swap: the Galapagos Debt for Nature Swap. This initiative, where GGGI acted as a trusted advisor to the Ministry of Economy and Finance, involved the repurchase of USD 1,628 million worth of Ecuador's outstanding bonds, resulting in a reduction of USD 972 million of its external debt and USD 450 million to be invested in conservation efforts.

¹ Benin, Cameroon, Chad, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Gabon, Gambia, Ghana, Guinea, Kenya, Mali, Mauritania, Namibia, Nigeria, Rwanda, Sierra Leone, Togo, and Zambia.

GGGI's robust green investment pipeline, amounting to USD 10 billion, with a probability-weighted value of USD 3.2 billion, points towards GGGI's continued ability to mobilize finance at scale for climate and green investments.

Further, by mid-year, 11 green growth policies have been adopted with GGGI's support, accounting for more than a third of GGGI's annual target of 30 policies adopted. GGGI advocates work on the design and adoption of impactful policies rather than focusing on their number.

GGGI also solidified a robust pipeline of 80+ policies in advanced stages of development, poised to be adopted by our Member and Partner States in 2023.

GGGI's continued efforts to mobilize earmarked resources for its operations also continue to pay off, as evidenced by the signing of commitments worth over USD 61.6 million in the initial six months of 2023. These are complemented by a pipeline of new proposals valued at USD 68.8 million for the period 2023-2024.

By the mid-year mark, GGGI had spent USD 27 million², over its active programmatic portfolio accounting for 46% of the current Base Scenario budget and 31% of the current annual Plus Scenario budget allocated to these.

1.2 KEY ONGOING INITIATIVES

Strengthening the quality of delivery

In 2023, the organization's foremost focus is on continually strengthening the quality of its programmatic delivery to scale up and maximize impact from each dollar of funding. Further emphasis is placed on identifying and monitoring projects at risk, taking early remedial actions and building the capacity of teams in designing and managing projects.

Scaling up Global and Regional Programs

Global and Regional Programs are actively being developed, in parallel with strengthening of Communities of Practice (CoP), to create transformational and impactful projects across GGGI's Programmatic Solutions (PS). These are one of the main delivery channels for scaling up investment mobilization efforts while Project Preparation Facilities (PPFs) have a critical role in developing and maintaining them. GGGI has currently developed seven Global Programs³ each with the potential to mobilize USD 500 million to over USD 1 billion.

Operationalizing the Carbon Transaction Facility (CTF)

GGGI is working to build a Carbon Transaction Facility (CTF)⁴, an innovative initiative endorsed for establishment by the Council in October 2022. The CTF will allow GGGI to expand its support to open-up international carbon markets and accelerate the flow of carbon finance to countries through the establishment of trust funds to both offer readiness support and purchase mitigation outcomes. This will help catalyze international mitigation efforts under Article 6 of the Paris Agreement by providing knowledge exchange, capacity building, and transaction facilitation. As a global leader of Article 6 program implementation, GGGI is well-positioned to run this facility, which is expected to launch in the first half of 2024. GGGI Technical Report No. 25: Developing Carbon Markets based on Article 6 of the Paris Agreement ([link](#)) provides an analysis on the needs and barriers to meaningful, equitable participation in international carbon markets and offers a solution through the upcoming CTF.

² Total 2023 active projects budget of 86M – information, extracted from GGGI's ERP.

³ 1) Green Hydrogen, 2) Methane Flaring Optimization, 3) BioCNG, 4) Sustainable Finance, 5) Green Buildings, 6) Electric Mobility, and 7) Floating Solar.

⁴ Previously referred to as the Carbon Transaction Platform (CTP).

The Korea Green New Deal Fund (KGNDF)

The **KGNDF remains a strategic initiative** to support GGGI's green investment targets, as GGGI's largest project preparation facility with a size of USD 25 million commitment. In June, 12 projects out of 16 submitted received approval from the Korea Ministry of Economy and Finance (K-MOEF) with a cumulative amount of USD 2.4 million granted to support their implementation. Success stories funded by KGNDF include the development of the **Infrastructure Climate Resilient Fund** project in Africa, approved by the Green Climate Fund in March and public tenders released for **66 e-buses and charging stations in the State of Nuevo León, México**.

Preparing for COP28 in the UAE

GGGI is preparing for a heightened level of strategic engagement during **COP28**, the first COP to take place in a GGGI Member State. For that, we are advancing a significant initiative with Members, named **Africa & the Middle East SAFE Initiative ("Africa SAFE")**, to mobilize **USD 10 billion** in investments from the Middle East to enhance agricultural productivity thereby improving food security in Africa and enhancing food resilience in the Middle East.

1.3 SUCCESSSES, CHALLENGES, AND LESSONS LEARNED

A global leader in sustainable finance

The first half of 2023 has seen a number of records in the sustainable finance field. In addition to the world's largest debt-for-nature swap in Ecuador, GGGI supported the issuance of the **first certified Resilience Bond in Mexico for USD 160 million**. GGGI has also developed a significant pipeline of thematic bonds projects in over 6 countries, with support from GCF, the KGNDF and UK-PACT in the LAC region and will scale this work up *via* the newly launched Luxembourg Global Sustainable Finance Trust Fund.

Project Preparation Facilities (PPFs) are key

Project Preparation Facilities (PPFs) such as KGNDF and the Luxembourg Global Sustainable Finance Trust Fund play a crucial role for developing a pipeline of large-scale investment projects. Success stories funded by KGNDF

Reviewing GGGI's Roadmap 2021-2025

GGGI is conducting the Mid-Term review of the 5-year action plan of Strategy 2030: GGGI's Roadmap 2021-2025. The key update is the **doubling of GGGI's ambition for its cumulative green investment mobilization target to USD 14 billion by 2025**, divided into two categories: USD 6 billion for Infrastructure finance and USD 8 billion for Sustainable finance.

A new 2023-2024 Gender and Social Inclusion (GESI) Action Plan

Aligned with Strategy 2030, the Gender Equality and Social Inclusion (GESI) Strategy 2021-2025 focuses on entry points for GESI integration in GGGI's programs and internal operations. The newly launched **GESI Action Plan 2023-2024** focuses attention on the **quality of GESI integration in GGGI's programs** and is designed to close gaps identified through reviews and evaluations and reinforce GGGI's ability to demonstrate and report on the positive impact of its program on disadvantaged groups, women, and young people.

include the development of the **Infrastructure Climate Resilient Fund** project in Africa, approved by the Green Climate Fund in March and public tenders released for **66 e-buses and charging stations in the State of Nuevo León, México**.

Strengthened donor engagement at country level

Consistent efforts on donor engagement and resource mobilization at country and regional level are **converting into multi-year and more secure funding streams**, which, in turn, allow for **a longer-term view and a greater ability to deliver transformational change**. GGGI sees a trend towards decentralization of donor resource decision making from headquarters to country level. This shift away from 'core' to 'earmarked' funding means that **GGGI's business model has changed and with it the skill set of our Country Representatives**, which need to be apt at fund

raising, proposal drafting, people and project management, and strategy and partner relations.

Managing key risks and challenges

In 2023, GGGI places **its highest priority on ensuring the Quality of Delivery** as the organization experiences rapid growth, including the hiring of new staff and the expansion of its project portfolio. Acknowledging the potential for delays and challenges in meeting intended impacts, **GGGI management is fully committed to providing support and addressing issues promptly.** Current efforts are focused on enhancing: i) Reporting of issues through the involvement of Community of Practice (CoP) Leads and direct engagement with Country Representatives, ii) Project management capabilities by providing structured training modules and professional qualifications for project managers, iii) Project assessment through an internal taskforce that deploys experts to independently assess progress of the top 50 largest projects, including reviewing project logframes and recommending actions that prioritize outcomes over outputs.

The second critical risk GGGI identified is staff security. As our engagement is often needed in challenging and risky locations due to climate change and other crises, it is crucial that we **intensify our security planning** and approach these environments with open eyes and **comprehensive risk mitigation measures.** Considering this, GGGI developed appropriate policies, such as the overarching **'GGGI Security Framework'**, and will formulate and implement **specific national security plans**, commencing with countries where the risk level is deemed high.

Third, GGGI continues to grow at a rapid pace. With an influx of **new staff requiring streamlined recruitment** and **strong induction to maintain our value of excellence,** GGGI introduced a new **online induction program** and commenced training of all project managers in **professional project management** complemented by tailored in-house training.

Finally, **staff overload has been identified as a risk needing attention this year.** Our people are our most important resource and **GGGI's responsibility is to support staff well-being.** Overload negatively affects staff retention, wellbeing and effectiveness which are all critical to achieving our vision and mission in GGGI. In 2023 we are investing in significant skill building, through training in inclusivity and diversity, critical conversation, and coaching/forums on people management and leadership. Together, these actions are essential to enable innovation, inclusivity, and boldness in our work and to realize our vision and mission.



GGGI Philippines, Philippines Greenpreneur winner supporting women in deploying off-grid Solar Home Systems for disaster-vulnerable communities, Mindanao, Philippines 2023

02 ABOUT THIS REPORT

2.1 INTRODUCTION

In line with the request of GGGI's Council in October 2019, the Mid-Year Results Report provides an overview of the organization's progress at the mid-year mark in achieving its programmatic targets for the year. By assessing the status of targets delivery at midpoint, the report offers insights

into GGGI's performance and helps identify areas where adjustments are necessary to ensure successful outcomes by the end of year. This report is compiled through a collaborative endeavor involving multiple divisions to enhance the coverage and quality of results reporting.

2.2 GGGI'S CORPORATE RESULTS FRAMEWORK (CRF)

GGGI introduced its CRF as a management tool in 2015, serving the purpose of monitoring, reporting, and enhancing results and performance. The [CRF 2021-2025](#)⁴ was developed through extensive collaboration with GGGI's management and staff, enabling Members and donors to track GGGI's progress and performance

throughout the implementation of [Strategy 2030](#) and the [Roadmap 2021-2025](#). The CRF serves as the cornerstone of GGGI's Results-Based Management (RBM) culture and systems, incorporating impact indicators and targets for Strategic Outcomes (SO) on which GGGI provides reports.

2.3 SCOPE AND LEVELS OF REPORTING

GGGI's Mid-Year Results Reports have a focused scope, compared to Annual Results Reports. They concentrate on a specific set of [CRF Indicators](#) that highlight the organization's key result areas: the **adoption of green growth policies** and the **mobilization of green and climate investment commitments**.

Results presented in this report relate to achievements at country and global levels, measured against **four key indicators** and targets outlined in GGGI's **Corporate Results Framework (CRF)**. These results are based on outputs and outcomes generated through the implementation of projects and programs.

The result data supporting these indicators is largely extracted from GGGI's systems and undergoes thorough review and analysis to generate the 2023 Mid-Year results.

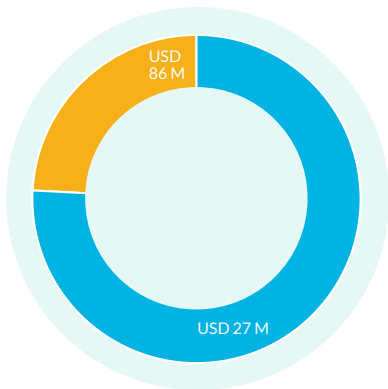
The estimation of Strategic Outcome (SO) level results is conducted as part of the End of Year Results Reporting process. The detailed assessment and documentation of GGGI's accomplishments and their results on targeted outcomes will be included in the upcoming 2023 Annual Results Report.

⁴ In 2023, GGGI is reviewing the CRF 2021-2025 to improve alignment with EM donors' results frameworks and to include targets for 2023-2025.

03

GGGI'S PORTFOLIO & PROGRAMS IN 2023

Figure 1: Comparison of active programmatic portfolio budget with actual spent (M USD, June 30, 2023)



- Annual Budget 2023 Active Projects
USD 86 M
- Actual Spent 2023 Active Projects
USD 27 M

At the mid-year mark, GGGI's active project portfolio consists of 189 projects for a total annual budget of USD 86 million in 2023. This represents an increase in GGGI's annual active project portfolio budget, compared to USD 61 million in 2022.

At mid-year, projects are distributed across regions as follows: 49 projects (26%) in Asia, 45 projects (24%) in Africa, 36 projects (19%) in Latin America, and 31 projects (16%) in the Pacific.

These numbers reflect the dynamic nature of project distribution, which evolves during the year, as new projects are signed and come on stream. Understanding the unique challenges, opportunities, and stakeholder dynamics within each region enables GGGI to tailor its project portfolio, ensuring that initiatives align with regional and in-country priorities.

Figure 2: Number of Projects from 2017-2023 (June 30, 2023)

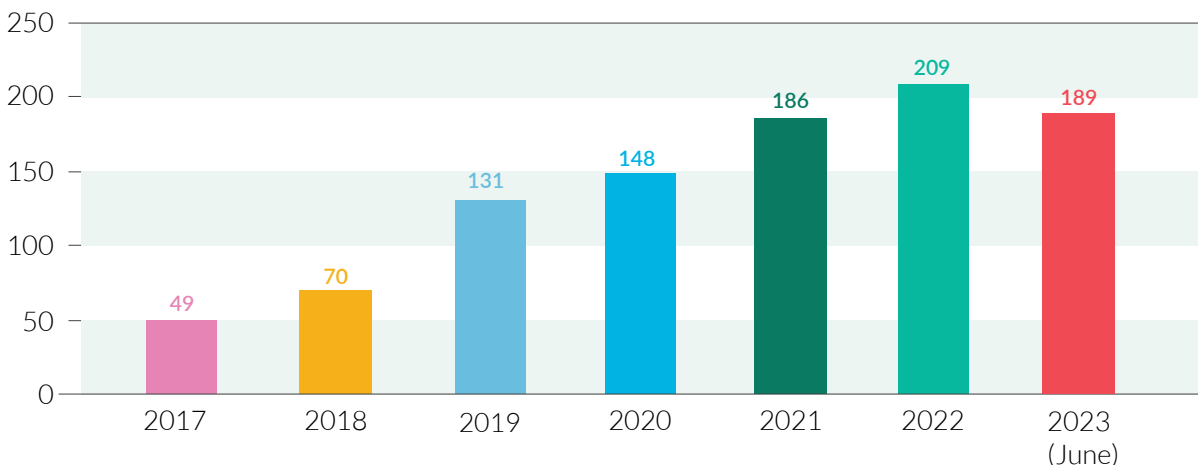
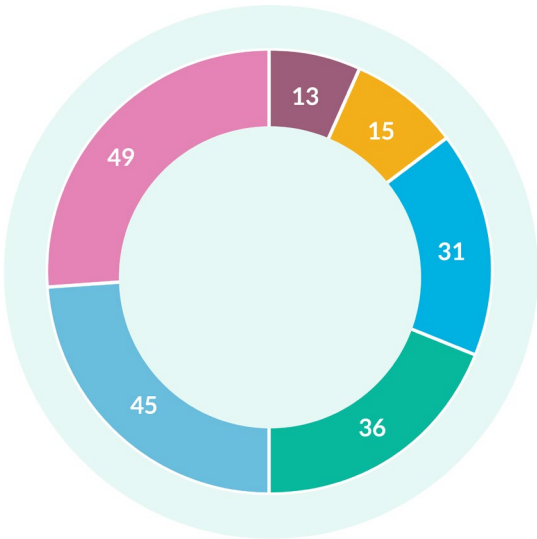
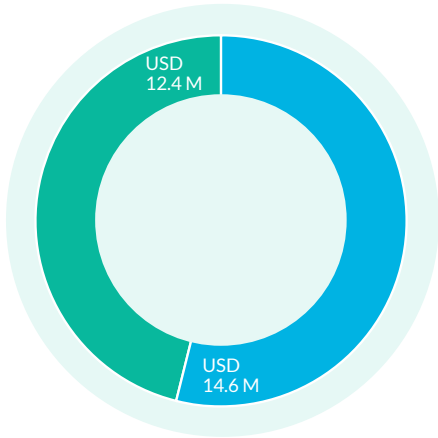


Figure 3: Number of Projects in 2023 by Region



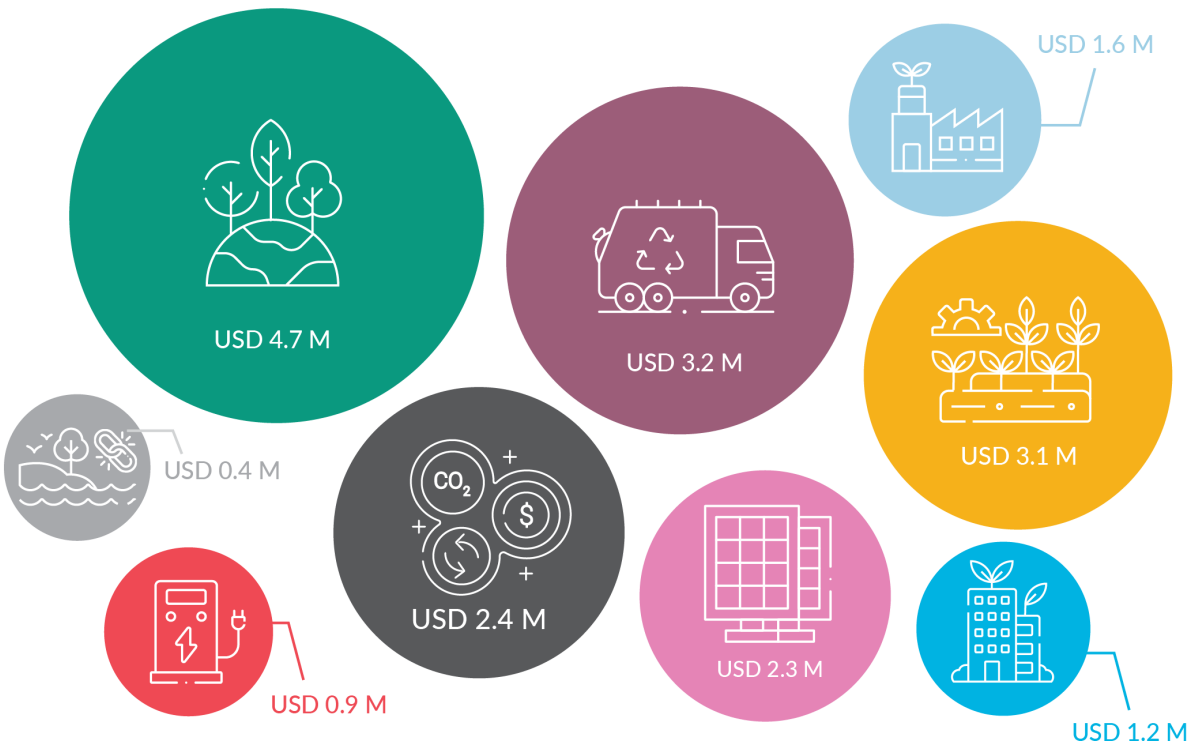
- Global
- Middle East
- Pacific
- Latin America
- Africa
- Asia

Figure 4: Breakdown of 2023 programmatic expenditure at mid-year across Programmatic Solutions 1 and 2 (USD M)



- PS1 Green Investments
USD 12.4 M
- PS2 Climate Action
USD 14.6 M

Figure 5: Breakdown of 2023 programmatic expenditure at Mid-Year by Programmatic Solutions (PS3 – 11) (USD M)



- | | | |
|---|--|--|
| <ul style="list-style-type: none"> ■ PS4 Sustainable Forests
USD 4.7 M ■ PS11 Carbon Pricing
USD 2.4 M ■ PS8 Green Buildings
USD 1.2 M | <ul style="list-style-type: none"> ■ PS6 Waste Management
USD 3.2 M ■ PS9 Solar PV
USD 2.3 M ■ PS7 Sustainable Mobility
USD 0.9 M | <ul style="list-style-type: none"> ■ PS3 Climate Resilient Agriculture
USD 3.1 M ■ PS10 Green Industries
USD 1.6 M ■ PS5 Coastal Resilience
USD 0.4 M |
|---|--|--|

According to Figure 4, 45% of GGGI’s total programmatic expenditure at mid-year is focused on projects targeting Green Investment Mobilization (PS1) and 53% on projects focusing on Climate Action (PS2). These two programmatic solutions are the fundamental focus of GGGI’s assistance to its Members and Partner States. By prioritizing these core areas, GGGI aims to drive sustainable development and support its stakeholders in achieving their environmental and climate objectives.

The breakdown of project expenditure at mid-year across different Programmatic Solutions (PS3-11) in 2023, as shown in Figure 5, highlights the key thematic priorities that GGGI focuses on and highlights GGGI’s ability to design projects in areas that are expected to have a significant impact and contribute to GGGI’s mission and goals. The focus on Sustainable Forests recognizes the importance of conserving and managing forest resources sustainably, acknowledging their role in climate regulation, biodiversity conservation, and the livelihoods of local communities. Secondly, prioritizing Waste Management, GGGI aims to address the growing challenge of waste generation and its environmental impacts, promoting sustainable waste practices and resource efficiency which is also a reflection of GGGI’s strengthened focus on climate adaptation. Thirdly, focus on Climate Resilient Agriculture reflects GGGI’s commitment to enhancing agricultural productivity while adapting to climate change, ultimately contributing to food security and resilience.

Figure 6 provides an overview of how GGGI’s programmatic expenditure at mid-year for 2023 is spread across the organization’s six Strategic Outcomes (SOs) – key areas directly aligning with countries’ commitments to their Nationally Determined Contributions (NDCs) and Sustainable Development Goals (SDGs). The disbursement of GGGI’s budget in 2023 reflects a continued emphasis on projects targeting the reduction of greenhouse gas (GHG) emissions (SO1) and the creation of green jobs (SO2), as seen in previous years. A significant portion of

the expenditure targets climate adaptation, combining the contributions to enhanced adaptation to climate change (SO6) and adequate supply of ecosystem services (SO5).

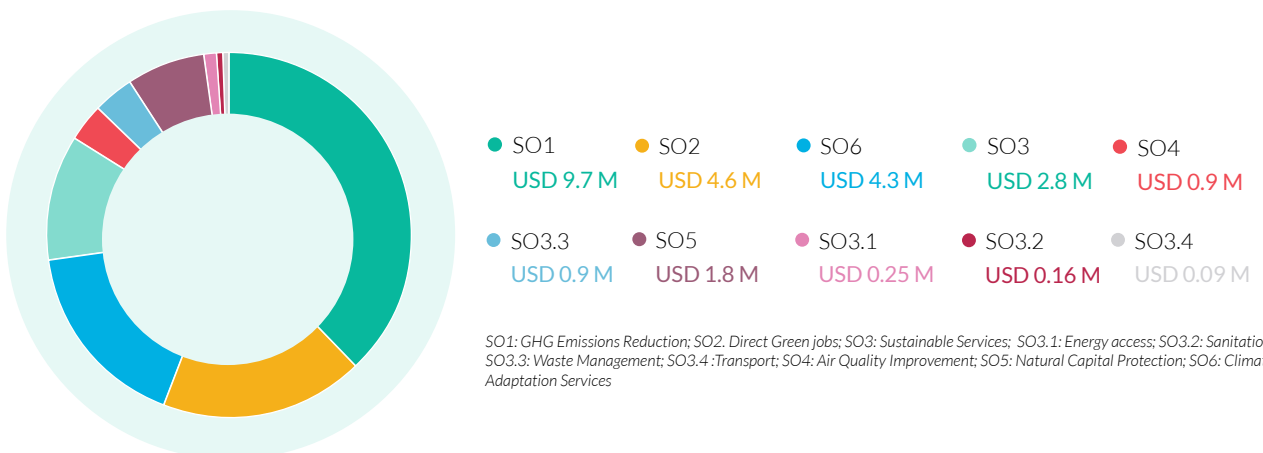
Breakdown of 2023 Projects with Poverty and Gender Markers

GGGI actively monitors projects that address social inclusion aspects of green growth, encompassing poverty reduction, social safeguards, and gender equality. GGGI has introduced the Gender and Poverty Markers, which serve as metrics to gauge its investments in promoting gender equality and poverty eradication. The Gender Marker aligns with the OECD-DAC Gender Equality Policy Marker utilized by OECD members, while the Poverty Marker has been specifically developed by GGGI. These markers aid in evaluating the extent to which GGGI projects contribute to gender equality, women’s empowerment, and poverty eradication. Implementation of these markers is expected for all projects within GGGI Online (GO).

At mid-year 2023, 135 projects out of 189 (71% of active project portfolio) are relevant to and/or have integrated poverty reduction, while 153 (81%) are relevant to and/or have integrated gender equality. This information provided indicates progress in addressing poverty and promoting gender equality and women’s empowerment within the active project 2023 portfolio. The fact that 71% of the projects (135 out of 189) focus on poverty-related outcomes suggests that the organization is increasing the focus of its work on poverty alleviation and the improvement of the lives of marginalized communities.

In addition, 81% of projects (153 out of 189) have outcomes for gender equality and/or women’s empowerment, demonstrating the emphasis put by GGGI on promoting gender equity and empowering women in various aspects of its projects. This is crucial for creating equal opportunities, reducing gender disparities, and fostering sustainable development.

Figure 6: Breakdown of 2023 Programmatic Expenditure across SOs (USD M)



04 KEY RESULTS AT MID-YEAR

KEY RESULTS AT MID-YEAR

At mid-year, GGGI helped mobilize a total of USD 1 billion in green investment commitments, reaching its 2023 target of USD 1 billion and supported the adoption of 11 green growth policies⁶ by governments, against a yearly target of 30.

Table 1: 2023 Mid-Year Results at a Glance (June 30, 2023)

IMPACT LEVEL	INDICATOR	ANNUAL TARGET 2023	MID-YEAR RESULTS 2023 (JUNE)	ANNUAL RESULT 2022	MID-YEAR RESULTS 2022
IO1	Accelerated access and secured climate finance/green investments for Members from both public and private sectors				
Outcome 1	Total USD value of climate finance/green growth investment commitments secured with GGGI's supporting, disaggregated by public and private sector financing	1 billion	1 billion (100%)	1.4 billion	428M
Output 1.1	Number of completed advisory outputs that inform decisions on green growth investments	N/A	33	105	30
IO2	GGGI Members have strengthened policy, planning, regulatory, financing and institutional frameworks to achieve green growth outcomes				
Outcome 2.1	Number of green growth policies adopted by governments with GGGI's support	30	11 (37%)	58	20
Output 2.1	Number of completed advisory outputs that inform the development of government green growth policies	100	39 (39%)	177	61

⁶ An additional 9 more policies have been adopted in countries. As part of its results quality assurance, GGGI waits for letters of appreciation or acknowledgement for these policies before counting these in its Outcome 2.1 results. Letters of appreciation or acknowledgement serve as tangible evidence of GGGI's contribution to the design and adoption of green growth policies.

Table 1 displays GGGI's key results for the mid-year of 2023, compared with corresponding Key Performance Indicator (KPI) targets for 2023 and past progress at mid-year in 2022. GGGI is making strong progress in achieving its primary programmatic objectives, at a pace consistent

with the past year. One significant achievement at mid-year is the early completion of GGGI's green investment commitment mobilization target. Sections below provide details on related accomplishments.

4.1 GREEN GROWTH INVESTMENTS CATALYZED

GGGI green investment results at mid-year are significant, with the mobilization of 7 investment commitments across 23 countries and amounting to a total of **1 billion USD**, including the world's largest **Debt for Nature swap in Ecuador**.

SPOTLIGHT ON INVESTMENT COMMITMENTS MOBILIZED

In Ecuador:

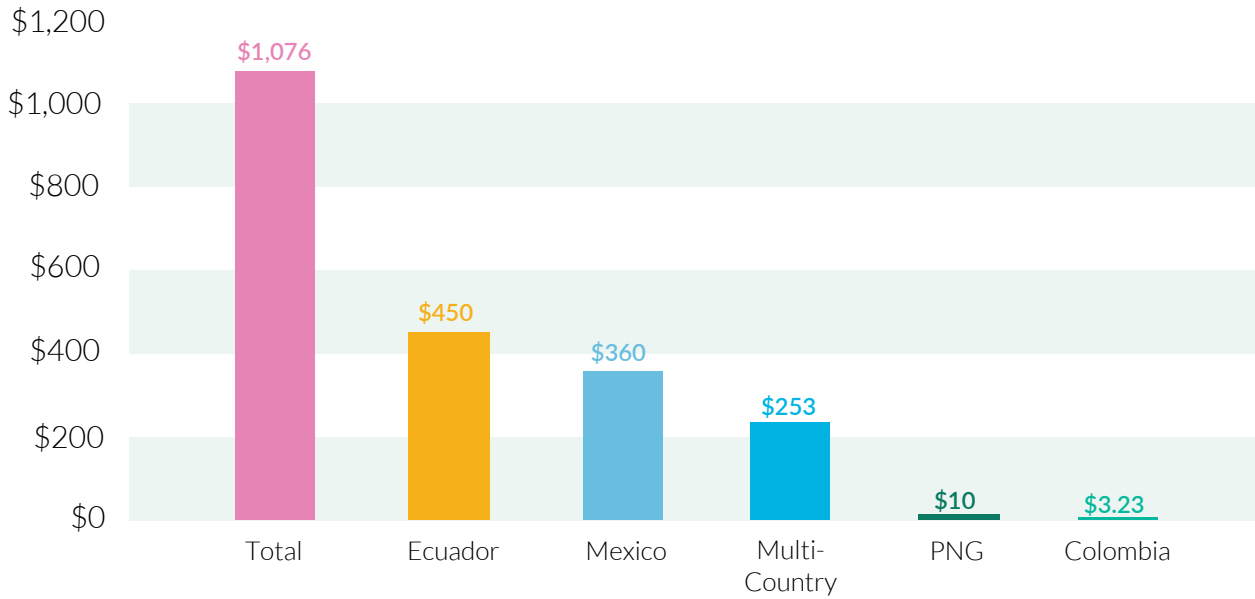
GGGI supported the world's largest (USD 1,628 million) debt for nature swap. USD 450 million will be invested in conservation efforts over the next 18.5 years. The Conservation investment will have a positive impact on the Galapagos National Park, the Galapagos Marine Reserve, and the new Hermandad Marine Reserve, which together total 198,000 square kilometers. GGGI, with funding from the Development Bank of Latin America (CAF), acted as a trusted advisor to the Ministry of Economy and Finance throughout the transaction by providing technical and financial advice to structure the transactions and comply with credit enhancement requirements. The completion of the Galapagos Debt for Nature swap represents a significant milestone in sustainable conservation efforts. The repurchasing of outstanding bonds and the subsequent reduction in external debt demonstrate Ecuador's commitment to environmental preservation and long-term sustainability. The allocated funds will contribute to the protection and preservation of valuable marine ecosystems, benefiting both the Galapagos National Park and the Galapagos Marine Reserve. Additionally, the establishment of the Hermandad Marine Reserve expands the scope of conservation efforts, further safeguarding marine biodiversity in the region.

Multi-country⁷ (Africa region):

In the Africa region, the Infrastructure Climate Resilient Fund (ICRF) has been established as a blended finance facility, with a total value of USD 750 million. GGGI played a crucial role in supporting the development of the GCF funding proposal and helped mobilize a significant amount of funding by technical assistance financed by the Korea Green New Deal Trust Fund (KGNDF). From the GCF, a total of USD 253 million was secured, comprising USD 240 million in equity funding and USD 10 million in grant funding. The primary objective of the ICRF is to enhance climate resilience and build reliable infrastructure services. It is expected to directly benefit up to 50 million people and indirectly benefit around 144 million people across the region.

⁷ Multi-Country refers to 19 countries including Benin, Cameroon, Chad, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Gabon, Gambia, Ghana, Guinea, Kenya, Mali, Mauritania, Namibia, Nigeria, Rwanda, Sierra Leone, Togo, and Zambia.

Figure 7: Total Green Investment Commitments by Country (USD M, as of June 30, 2023)



Investment commitments mobilized

These commitments include 58% of funding from the public sector and 42% from the private sector. Table 2 describes details of investment commitments mobilized to date.

Investment commitments at mid-year primarily originate from sustainable finance instruments including resilience bonds, and debt for nature swaps. This confirms GGGI's expectation that a significant share of its green investment results is now driven by sustainable finance instruments and validates its approach to track results from sustainable finance and infrastructure finance separately.

Further, for the first time this year, most investment results at mid-year **are connected to projects targeting climate adaptation**.

In addition, GGGI is seeing the **successful replication of its work on e-mobility in Mexico bearing fruit for the second time**, and a significant climate adaptation and Africa focused project reaching investor commitment stage. Latin America and the Caribbean (LAC) being the region where GGGI's sustainable finance work is the most advanced, it is logical that commitments secured in the region represent 76% of the total, confirming LAC's predominant place in GGGI's investment results to date.

Table 2: Green Investment Commitments by Country

	REGION	COUNTRY	PROJECT CODE	PROJECT TITLE	PROGRAM-MATIC SOLUTIONS	TYPES OF PROJECTS	GREEN INVESTMENT COMMITTED (USD M)	PRIVATE	PUBLIC
1	LAC	Colombia	CO10	Rural Electrification of Bahia Malaga AfroColombian Community	Solar PV	Infrastructure Project	3.23M		3.23M
2	LAC	Ecuador	EC01	Debt for Nature Swap in Galapagos	Coastal Resilience	Debt for Nature Swap	450M	450M	
3	LAC	Mexico	MX22	Baja California Sustainable Loan	Green Investments	Loans	160M		160M

	REGION	COUNTRY	PROJECT CODE	PROJECT TITLE	PROGRAM-MATIC SOLUTIONS	TYPES OF PROJECTS	GREEN INVESTMENT COMMITTED (USD M)	PRIVATE	PUBLIC
4	LAC	Mexico	MX22	Mexico's Agriculture Trust Funds Resilience Bond	Green Investments	Bond	167M		167M
5	LAC	Mexico	MX31	E-bus fleet acquisition plus carbon finance potential assessment for the city of Monterrey	Sustainable Mobility	Infrastructure Project	33M		33M
6	Africa	Multi-country	ROC12	Infrastructure Climate Resilient Fund	Green Investments	NFV	253M		253M
7	Pacific	PNG	PG15	Adaptation of Small-Scale Agriculture for improved food security of resilient communities in Papua New Guinea	Climate Resilient Agriculture	Project Proposal	10M		10M
TOTAL							1 BILLION	450M	626M

SPOTLIGHT ON INVESTMENT COMMITMENTS MOBILIZED

In Papua New Guinea (PNG):

The Adaptation of Small-Scale Agriculture for Improved Food Security of Resilient Communities in Papua New Guinea Project was approved by the Adaptation Fund in March 2023 to the Government of PNG through the Pacific Community (SPC) as a Regional Implementing Entity (RIE). GGGI led the project's technical development from conceptualization to full funding proposal, along with SPC and UN Women. This project will support increased resilience of small-scale farmers through improved productivity by adapting climate resilient agricultural practices, access to post-harvest processing facilities, and markets. In addition, the project will promote integrated approaches to sustainable, climate resilient land use practices, especially improving the agro-ecosystems through the use of nature-based solutions. The USD 10 million (approximately PGK 35.6 million) financing will directly benefit 2,500 farmers and support the livelihood of approximately 18,600 people living in Enga, Milne Bay, and New Ireland Provinces.

In Mexico:

1. A USD 160 million Baja California Sustainable Loan with the North American Development Bank in Mexico supported by UK PACT Program reached financial close in March 2023. GGGI acted as the Sustainable Loan Structuring Agent, leading the development of the Sustainable Loan Framework, prioritization of the underlying portfolio of projects, negotiation with the Second Party Opinion provider and justification of the framework in front of national authorities and NADB's board. The USD 160 million (MXN 3,000 million) financing will lead to increased access to water and sanitation for 3.2 million citizens living in drought prone areas in Baja, California.
2. A USD 167 million certified Resilience Bond was issued by Mexico's Agriculture Trust fund (Fideicomisos Instituidos Relacionados con la Agricultura-FIRA) under UK PACT- and KOICA-funded programs, which reached the financial close in March 2023. GGGI acted as the Sustainable Bond Structuring Agent, leading the development of FIRA's resilience methodology, identification of resilience and adaptation lending opportunities, development of the Sustainable Bond Framework and prioritization of the underlying portfolio of projects. The USD 167 million (MXN 2,895 million) will help agriculture producers reduce or prevent extreme climatic events and adjust their productive system characteristics to better respond to climate stress. This Resilience Bond issuance is the first of its kind in Mexico and in the Latin America and Caribbean region.
3. With GGGI's technical assistance, supported by the Korea Green New Deal Trust Fund (KGNDP), USD 33 million was mobilized via public tenders for 66 e-buses and chargers in the State of Nuevo León (México). On May 2023, the State of Nuevo León's Public Transport Authority (Metrorrey) awarded contracts for the electrification of 2 bus feeder ("Transmetro") routes. By the end of 2023, a total of 110 e-buses are expected to be deployed.



GGGI Mexico, A woman who works in Metrobus system recharging e-bus battery, Mexico, 2022

Investment advisory outputs delivered

GGGI has also made solid progress in the preparation of investment projects, proposals, and instruments, evidenced by the completion of **33 investment advisory outputs by the mid-year mark**. These outputs play an important role in providing insights

and recommendations that lead to future green investment mobilization. The range of advisory outputs includes National Financing Vehicles (NFVs), bankable projects, bonds, carbon credits, loans, results-based payments, and investment proposals.

SPOTLIGHT ON INVESTMENT ADVISORY OUTPUTS

In Senegal:

GGGI has successfully designed an innovative business model for sustainable waste management. One notable achievement is the completion of the rehabilitation work for a fecal sludge treatment plant with a capacity of 110m³ of fecal sludge per day. The upgraded treatment plant incorporates several key features to ensure its effectiveness and sustainability. It is equipped with a fecal sludge pumping system, valorization equipment, and a solar plant with a capacity of 25KWp. The solar plant provides clean and renewable energy, covering approximately 90% of the electricity needs of the infrastructure. The innovative business model designed for Senegal's waste management sector serves as a testament to GGGI's commitment to promoting sustainable solutions. The integration of renewable energy sources, such as the solar plant, not only reduces greenhouse gas (GHG) emissions but also ensures the long-term viability and affordability of the treatment plant's operations. Currently, GGGI is conducting technical proofing of the business model for potential scale up.

In the Caribbean region:

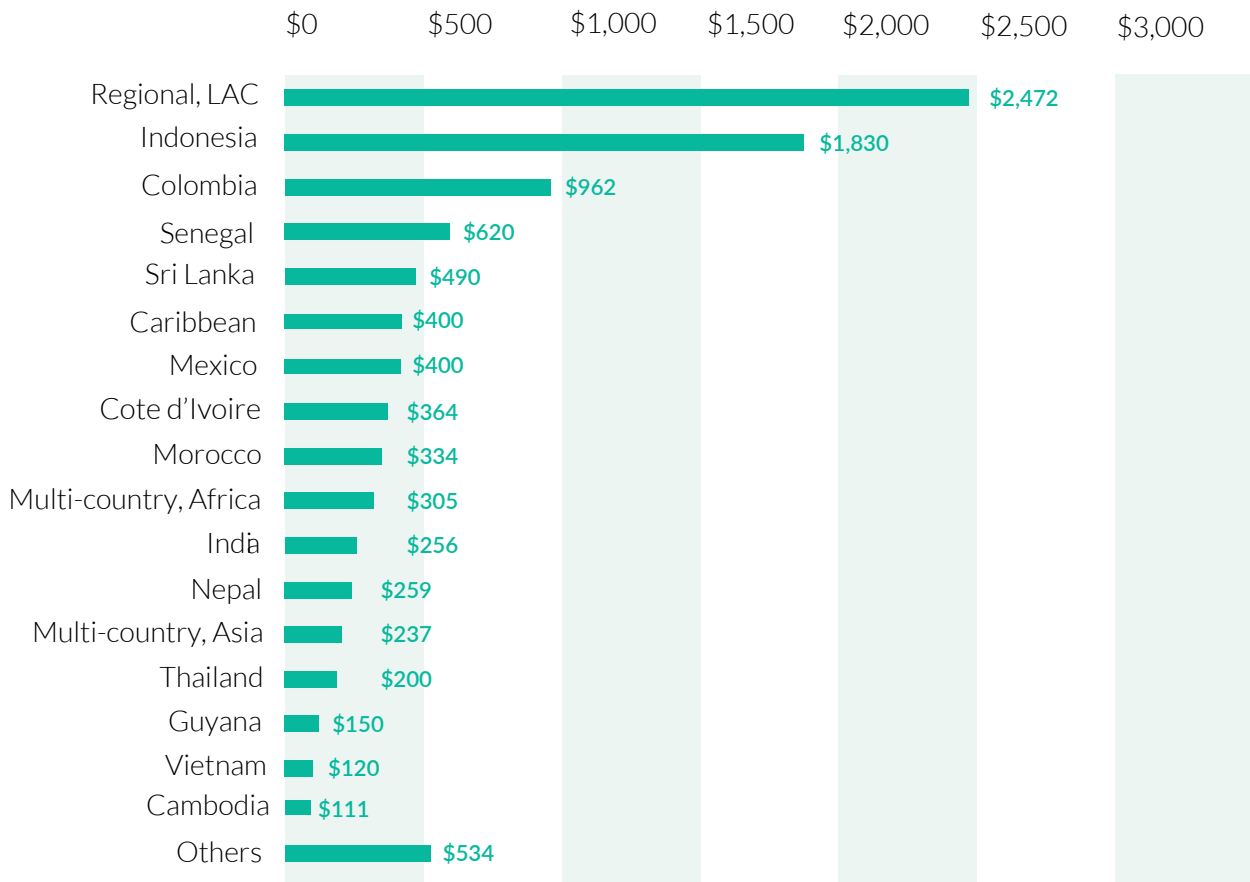
A comprehensive solar PV project plan has been developed for both public and private buildings in the Organization of Eastern Caribbean States (OECS) region in support of the Eastern Caribbean Solar Challenge, as a regional flagship program aimed at enhancing the uptake of distributed solar in the region. A total of 3.4 MW of solar PV projects have been identified for public buildings by GGGI, with an estimated investment cost of more than USD 12 million. Additionally, 1.9 MW of solar PV projects have been identified for private buildings, estimated at an investment cost of more than USD 3.3 million. These solar PV projects will benefit several member countries within the OECS region, including Antigua and Barbuda, Dominica, Grenada, Saint Kitts and Nevis, Saint Lucia, and Saint Vincent and the Grenadines. By implementing renewable energy solutions such as solar PV, these countries aim to enhance energy efficiency, reduce carbon emissions, and promote sustainable development. The identification and planning of these solar PV projects demonstrate a commitment to transitioning to clean and renewable energy sources, contributing to the region's climate goals and the reduction of reliance on fossil fuels. The investment in public and private buildings will not only help reduce energy costs but also contribute to a more resilient and sustainable energy infrastructure.

Green investment pipeline update

As illustrated in Figure 8 below, GGGI is engaged in **advancing 90+ investment projects, indicating a large array of opportunities**. These projects form a robust pipeline with a total value of **USD 10 billion**, with significant potential for impactful investments. The pipeline is refined through a probability-weighted assessment, resulting in an adjusted pipeline value of **USD 3.3 billion**. This encompasses various types of

projects, including 44 infrastructure related projects, 21 National Financing Vehicles, 6 bond related projects, and 6 loan related projects, among others. The adjusted value reflects the estimated probability of these projects progressing to the investor commitment stage during the period from 2023 to 2025.

Figure 8: Total Green Investment Pipeline by Country 2023-2025 (USD M, June 30, 2023)



* "Others" represent countries with a green investment pipeline valued under USD 100M.

4.2 GREEN GROWTH POLICIES ADOPTED BY GOVERNMENTS

Green Growth policies adopted

The successful adoption and implementation of green growth and climate policies is crucial for effectively safeguarding the world and promoting economic advancement. To achieve this, GGGI prioritizes the development of impactful policies which align with the targets and commitments of its **Member and Partner States**, while providing support for their implementation.

At mid-year, **GGGI supported the adoption of 11 green growth policies**, more than a third of its annual target of 30. The adoption of these policies is the formal decision

made by governments⁸ to approve policies developed with the support of GGGI. These 11 adopted policies provide broad support to the green growth transformation of Member and Partner States, such as long-term climate policies, sub-national and national policies, adaptation financial strategies, and sustainable taxonomy. The full list of adopted policies by countries is available in Annex 2. Country examples of these adopted policies include the following.

⁸ GGGI has a definition of how we count results in the [CRF 2021/2025](#)

SPOTLIGHT ON POLICIES ADOPTED AT MID-YEAR

In Cambodia:

With the support from GGGI, the Cambodian Garment Training Institute (CGTI) achieved a significant milestone with the successful launch of the Advanced Diploma Course in Energy and Sustainability Management. This course, accredited by the Ministry of Labour and Vocational Training, marks the first of its kind in Cambodia.

Overall, the launch of the Advanced Diploma Course in Energy and Sustainability Management at CGTI marks a significant step towards a more sustainable and skilled workforce in Cambodia's garment manufacturing industry and creating green jobs. By equipping trainees with the necessary knowledge and expertise, this initiative contributes to the country's sustainable development objectives and empowers individuals to make a positive impact in their careers and the environment.

In Mexico:

GGGI introduced the Sustainable Taxonomy, a strategic framework designed to mobilize private and public resources from financial and economic actors towards achieving environmental and social objectives. By providing clear criteria and standards, it enables investors and financial institutions to identify and support initiatives that contribute to a greener and more equitable future. Through the implementation of the Sustainable Taxonomy, Mexico aims to harness the power of both private and public resources to address pressing environmental and social challenges. This framework helps channel investments into sectors and projects that have a positive impact on the environment, promote resilience to climate change, foster social inclusion, and advance gender equality. By encouraging the allocation of financial resources towards sustainable and socially responsible activities, the Sustainable Taxonomy drives positive change in Mexico's economy. It facilitates the transition towards a more sustainable and resilient society while also promoting the principles of social equity and gender equality.

Policy advisory outputs

At mid-year, **GGGI delivered 39 completed advisory outputs** that inform the development of green growth policies. With this result, which is detailed in Annex 3, GGGI is on track with its annual target of 100 (39%). Several examples of completed policy advisory outputs from various countries are outlined below, showcasing their impact and relevance. Aligned with GGGI's value

proposition, the delivery of green growth policy advisory outputs – advisory works that help prepare ambitious green growth and climate policies - plays a crucial role in preparing the policy framework required to facilitate the transition of Member and Partner States' economies towards a green growth development model.

FOCUS ON POLICY ADVISORY OUTPUTS

In Burkina Faso:

GGGI spearheaded the assessment of Burkina Faso's Monitoring and Evaluation (M&E) framework for their National Adaptation Plan (NAP), a growing area of programming for GGGI in climate adaptation. The evaluation provided valuable insights and suggestions to enhance the system's effectiveness and ensure its practical implementation.

In Cambodia:

The high-level management team of the Ministry of Economy and Finance has successfully concluded the development of a policy paper focused on the issuance of sovereign thematic bonds and the establishment of a sustainability financing framework. Presently, the paper is undergoing a comprehensive assessment and validation process involving relevant ministries and development partners.

In Mexico:

With the support from GGGI, Nacional Financiera (NAFIN) has effectively implemented its gender policy across the entirety of the organization as part of a project aimed at bolstering the accreditation of national entities and fostering development.

In PNG:

The Inclusive Green Finance Policy project helped develop the Inclusive and Green Taxonomy. Additionally, two supporting documents were produced: 1) A diagnostic report, which conducted an extensive assessment of the policies, strategies, and roadmaps introduced by the PNG government, along with the significant obstacles impeding their execution, and 2) an implementation roadmap, which outlines a comprehensive set of activities that the Bank of PNG, financial institutions, and government agencies can undertake to establish a conducive framework for the successful implementation of the taxonomy.



GGGI Burkina Faso, Team building activities, Burkina Faso, 2023

Green growth policy pipeline pdate

GGGI also **develops a large pipeline of policies with more than 80 policies being prepared across 25 country programs.** It is anticipated that a significant number of these policies will be presented to the respective governments for adoption in 2023, although formal adoption follows each government's timeline. These include, for example, Green City/Green Building standards

and guidelines, National Energy and Climate Strategies, Adaptation finance strategies, Guides on corporate green bond issuances/frameworks, NDCs, and LT-LEDS.

05

KEY RESULTS FROM GLOBAL PRACTICES

5.1

GLOBAL PRACTICES & COMMUNITIES OF PRACTICE

Climate Action and Inclusive Development Global Practice (CAID)

CAID continues to demonstrate its value as the “toolbox” of the organization, supporting climate planning documents (NDC, NAP), decision-making tools (GGPM, GEM), and investment projects (Adaptation). CAID also helps shape GGGI’s new strategic thinking on Loss and Damage.

Long Term-Low Emission Development Strategies (LT-LEDS)

CAID’s macroeconomic analysis supports GGGI Member and Partner States to develop their LT-LEDS, Green Growth Strategies, Green economic strategies, and National Adaptation Plans. During the first half of 2023, Ethiopia held a national launch and submitted its LT-LEDS to the UNFCCC. Burkina Faso LT-LEDS is expected to be officially approved and submitted this year. The team continues to engage with strategic partners in the LT-LEDS space, particularly with the AFD 2050 Facility, NDC-Partnership, and the 2050 Pathways Platform exploring options to support other GGGI Member and Partner States to develop LT-LEDS. It also supports the government of Qatar and Zambia to develop Green Growth through the customization and use of the Green Economy Model.

Green Growth Performance Measurement (GGPM)

The GGPM reviewed new indicators for the green economic opportunities dimension of the global Green Growth Index, which will be used for the series of consultations with international experts in the second half of 2023. The objective of the consultations will be to identify appropriate indicators to update and further improve the Global Index. With technical support of the GGPM, GGGI continues to build the capacity of various ministries and line agencies in several countries, such as Lao PDR, as well as Zambia in the context of their existing or new National Green Growth Strategies, guided by the Green Growth Index at country level. Initial consultations with Ghana and Kenya to develop a national Green Growth Index took place in the first half of 2023. GGPM also supported the review of the UNDP’s updated Green Economy Progress (GEP) Framework.

Monitoring, Reporting, and Verification (MRV)

GGGI supports the development of the national MRV system in the UAE, covering both GHG emissions and air quality pollutants inventories. This includes the development of sub-national transparency systems for Abu Dhabi Emirate. In Fiji, under a Capacity Building Initiative for Transparency (CBIT) project, GGGI delivered an initial assessment of requirements to operate a management system for tracking GHG emissions and NDCs. A Social and

Environmental Impact Assessment for Policy Approaches under Article 6.2 of the Paris Agreement was concluded in collaboration with the Carbon Pricing Unit (CPU). The MRV Team held an event jointly with the UNEP CCC in March on Technologies and their role in LT-LEDS development and NDC implementation.

Green Growth Knowledge Platform (GGKP)

The GGKP organized 11 knowledge-sharing sessions and produced four knowledge products in collaboration with the World Wildlife Fund (WWF), International Institute for Environment and Development (IIED), UN Environmental Programme World Conservation Monitoring Centre (UNEP-WCMC), and African Development Bank (AfDB). In the first half of 2023, the GGKP received 365,736 unique visits across its three platforms, with 22,045 knowledge resources downloaded. The GGKP has launched greengrowthknowledge.org main site as an umbrella site presenting all GGKP Platforms. Accordingly, each platform now all has tailored domains matching the platform name - Green Policy Platform (greenpolicyplatform.org), Green Industry Platform (greenindustryplatform.org) and Green Finance Platform (greenfinanceplatform.org). The GGKP continues to host a series of interactive discussions inviting all CoP members and interested stakeholders across diverse topics.

The GGKP Gender Expert Group, with GGGI as co-founder and lead, published a report titled '[Powering a Gender-Just Energy Transition](#)' in 2023, which identifies impact areas for gender equality along the energy value chain. The report aims to provide sectoral guidance for practitioners and policymakers to assess, identify, and implement outcomes for gender equality in energy transition initiatives with high levels of ambition.

Adaptation and Resilience

The Adaptation and Resilience group continues to support country teams in National Adaptation Planning (NAP). GGGI's NAP portfolio continues to grow particularly in Latin-America. This is expected to bring GGGI's global NAP effort to above 20 NAP projects globally. In order to draw lessons learned on NAPs submitted to the UNFCCC and provide guidance to countries for enhancing and developing NAPs, CAID is leading a study on NAPs assessment, partnering with reputable universities in Europe and the Global South, which will apply a new Quality Assessment tool to NAPs worldwide. This was presented during the Bonn Climate Conference in May and will feed into a GGGI NAP model that the organization will roll out across its NAP practice globally.

Loss and Damage

Led by CAID and with input from all GGGI Regions, a GGGI Loss and Damage Strategy was developed through several consultation processes. The strategy covers the entire GGGI value chain, with a specific strategy to address the needs of each region. In-country consultation process is underway to develop a Loss and Damage readiness program. In addition, a policy brief on loss and damage was submitted to be developed as part of an UN-Habitat NDC review paper.

Carbon Pricing Global Practice

GGGI, through its Carbon Pricing Global Practice, provides Article 6 carbon transaction readiness support in over twelve countries, with a plan to expand considerably in the coming years. For the first half of the year, GGGI has continued to support Member and Partner States to build their capacity and put in place frameworks to access carbon finance through trading under Article 6 of the Paris Agreement. Through close coordination and consultations with key stakeholders, GGGI has been able to strengthen government decision-making capacities around processes and requirements for engaging in an international carbon transaction. For example, GGGI led the process to support the Government of Cambodia to develop the **Article 6 Operations Manual** and a national Article 6 Strategy in Senegal, both of which were validated through stakeholder meetings this year.

At the request of countries to improve awareness and knowledge on international carbon markets, GGGI organized **capacity-building workshops** in several countries⁹, with topics ranging from Article 6 basics to more complex issues around terms and conditions of Mitigation Outcome Purchase Agreements (MOPAs). The **Technical Guideline No.7: Mitigation Outcome Purchase Agreements** ([link](#)) published in May this year outlines the purpose and structure of a MOPA and improves understanding of both sides of the negotiation table, potential risks of terms and conditions, and the means to address these risks.

In June, GGGI organized the first annual meeting of the Community of Practice for Article 6 Implementing Countries (COP-ASIC) which took place in Bonn, Germany. At this inaugural event, representatives from over ten countries convened to share experiences, needs, and challenges surrounding the implementation of Article 6.

GGGI goes beyond traditional training and offers technical studies to assist governments in making informed decisions. In Colombia, Thailand and Zambia, GGGI

⁹ Including Cambodia, Colombia, Indonesia, Jordan, Morocco, Nepal, Qatar, Senegal, Sri Lanka, Thailand, and Zambia

completed **Readiness and Needs Assessments** as the first step towards identifying and addressing gaps to participate in Article 6 mechanisms and provided analysis on financial requirements for implementing Article 6 policy approaches in Indonesia and Senegal. GGGI also collaborates with international experts and organizations, adhering to international best practices and building consensus. One such partnership is with the **Gold Standard**, which is developing with GGGI's assistance a universal methodology for certifying mitigation outcomes from policy approaches. GGGI aims to register policy approaches in Indonesia, Morocco, and Senegal under this new standard.

Green Investment Services Global Practice

Investment Portfolio Analysis

GGGI's Green Investment Services (GIS) Global Practice works in support of GGGI teams across regions and countries to **originate, develop, and scale-up green and climate investment mobilization** to contribute to meeting global financing needs. With GGGI having exceeded its 2025 investment commitment mobilization target, GIS contributed to the revision of the target to USD 14 billion for the period of 2015-2025, as part of the Mid-term Review of Roadmap 2021-2025. GGGI is now expanding its interventions to be classified as (i) **Infrastructure Finance**¹⁰ or (ii) **Sustainable Finance**.¹¹

Project Preparation Facilities (PPF)

Project Preparation Facilities (PPF) are critical for scaling up GGGI's efforts on green investment mobilization. Through initiatives like the Large Project Challenge and Korea Green New Deal Fund (KGNDF), GGGI has successfully increased the size of its green investment pipeline. GGGI strategically utilizes these funds to enhance its GIS capabilities and expand its Global Programs.

10 I) Project origination, Transaction structuring and Finance syndication (covering sectors such as Renewable Energy, Energy Efficiency, Waste to Energy, E-mobility, Green Hydrogen, Sustainable Agriculture), and II) Project Risk Management Instruments/ De-risking: Guarantees, Structured Finance (Junior equity/debt, Mezzanine loan), Derivates.

11 I) Financing Instruments i.e., Green Bonds/Thematic Bonds, Debt for Nature Swaps, Credit enhancement, II) Banking/Funds Development i.e., NFVs, Line of Credits, Climate Risk assessments /disclosures, Credit Risk Guarantees, and III) Adaptation Finance.

Communities of Practices (CoPs)

GGGI continues to strengthen its **Communities of Practice (CoP)**, after the introduction of a new management structure for CoPs in late 2022. GGGI has six operational CoPs, aligned to GGGI's Programmatic Solution areas: 1) Sustainable Energy, 2) Sustainable Transport, 3) Green buildings/Green Industry, 4) Circular Economy and Sustainable Waste Management, 5) Adaptation and AFOLU (CSA, REDD+ & Adaptation/Resilience) - reported above under CAID and 6) Gender Equality and Social Inclusion (GESI).

GGGI is looking into ways to scale-up and accelerate the deployment of green investments and originate transformational and impactful projects across its Programmatic Solution areas. By developing **Global Programs (GPs)**, multi-country and multi-year projects focused on iterative learning and a strong models to replicate both policy development and investment mobilization, GGGI intends to consolidate and streamline GGGI successful interventions, developing and replicating impactful projects. GGGI now has six Global Programs, supported through its project preparation facilities such as KGNDF and the Luxembourg funded Global Trust Fund on Sustainable Finance Instruments Program:

1. Green Hydrogen GP (Indonesia, India, Nepal, Morocco, and Vietnam).
2. Methane Flaring Optimization GP (Nigeria and Kazakhstan potentially expanding to Turkmenistan, Angola, and Ecuador).
3. BioCNG GP (India, Indonesia, and Thailand).
4. Green Building GP (India, Philippines, Thailand, Indonesia, and Vietnam).
5. Electric Mobility GP (Ecuador, Sri Lanka, Rwanda and Fiji in addition to Mexico).
6. Floating Solar GP (India, Sri Lanka, exploring in Philippines and LAC region).

Sustainable Finance GP (Cambodia, Sri Lanka, and Dominican Republic).

2023 is a year for iterative learning as well as consolidating and expanding projects to Global Programs to solidify results at scale, focusing on increasing the number of large projects and replicating successes of previous years .

SPOTLIGHT ON INVESTMENT ADVISORY OUTPUTS

In Indonesia:

GGGI has achieved significant milestones in delivering various investment plans and frameworks. Notably, GGGI has successfully completed the Investment Plan for the disbursement of USD 56 million as a result-based contribution under the Indonesia-Norway REDD+ partnership. This investment plan highlights Indonesia's performance in implementing REDD+ (Reducing Emissions from Deforestation and Forest Degradation).

Additionally, GGGI has been instrumental in developing the Investment Framework of Norway Results Based Payment (RBP) REDD+ Contribution for Forestry and Other Land Uses (FOLU) Netsink 2030, which aims to enhance the financial mechanism for sustainable land use in Indonesia. This framework provides a strategic approach to support activities that reduce deforestation and promote sustainable agriculture and land management practices.

Furthermore, GGGI's efforts extend to supporting the Strategic Document of the Indonesia Environmental Fund (IEF) for the distribution of revolving funds. The IEF serves as a financial mechanism to facilitate investments in environmental conservation and sustainable development initiatives.

GGGI has also conducted an assessment on enabling post-permit social forestry in the concession area in South Kalimantan, which aims to identify opportunities and strategies for promoting social forestry initiatives in the region, while considering the post-permit phase and engagement of local communities.

Moreover, GGGI has played a crucial role in the establishment of the Social Forestry Acceleration Finance Facility for the Indonesian Environment Fund (IEF). This facility aims to provide financial support and resources to accelerate social forestry programs and projects, fostering community participation and sustainable land management practices.

These accomplishments underscore GGGI's commitment to supporting Indonesia's environmental and sustainable development goals. By delivering investment plans, frameworks, and assessments, GGGI contributes to the effective implementation of REDD+, the promotion of sustainable land use practices, and the empowerment of local communities through social forestry initiatives.

06 EFFICIENCY AND EFFECTIVENESS

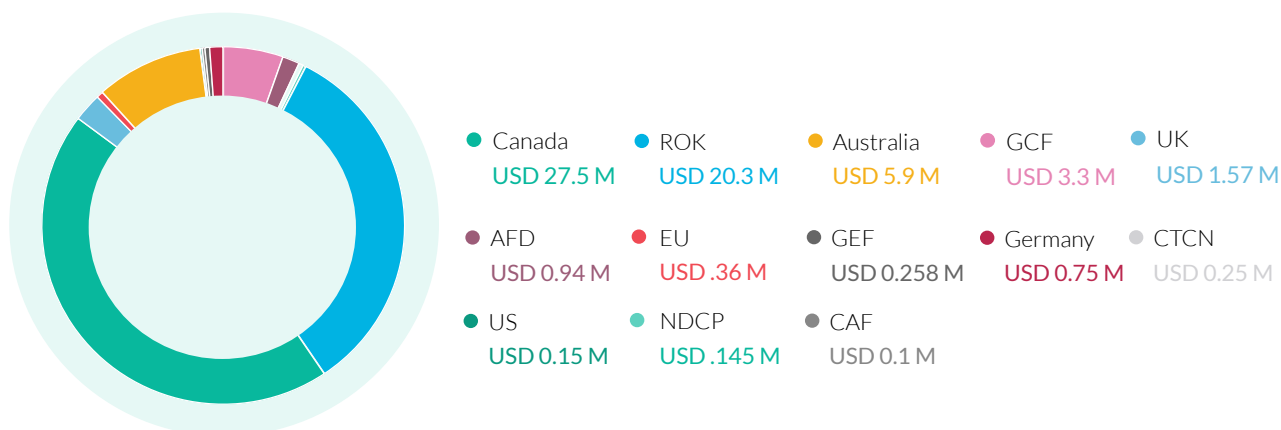
6.1 RESOURCE MOBILIZATION

At mid-year, GGGI signed a total of **USD 81.3 million** of new earmarked commitments, of which **USD 61.6 million** represents GGGI’s income. These include large projects in Indonesia and several countries in Africa funded by the Global Affairs Canada (ca. 45%), ROK funding (33%) for projects in Indonesia, Jordan, El Salvador, and Burkina Faso as well as new initiatives supported by Australia in the Pacific. Figure 9 describes the breakdown of signed agreements by donors.

In addition, GGGI’s probability weighted pipeline for 2023-2024 of earmarked proposals is valued at **USD 68.8 million**, indicating that GGGI maintains its strong growth potential thanks to a strong demand for its services and a growing ecosystem of partners.

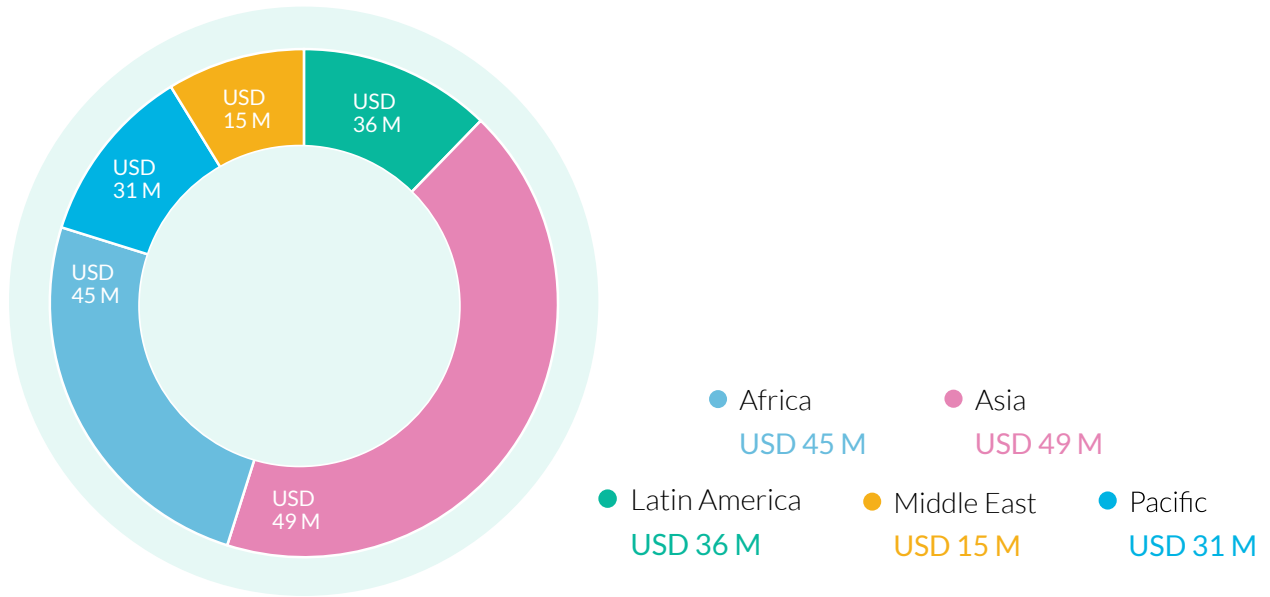
Over 42% of approved earmarked funding are for projects in Asia, of which largely (ca. 39%) are for nature-based solutions and e-mobility initiatives in Indonesia funded by Canada and ROK. 25% are focused on Africa, the majority of which is for a regional project on a Green Recovery Action Plan funded by Canada. The largest approved funding in the Pacific is for a regional project on climate finance access (ca. 9%) with support of DFAT Australia. In LAC (ca. 8.5%), the climate-smart agriculture in El Salvador (KOICA) and a GCF readiness grant in Mexico are among the largest funding signed; while in the Middle East, the largest funding signed is with KOICA project on greening the economy towards green job creation for refugees and host communities in Jordan (ca. 8.2%). Please refer to Figure 10 for the breakdown of signed agreements by region.

Figure 9: Breakdown of signed agreements and amounts by donor (GGGI income less co-financing, as of 30 June 2023)



Notes: AFD = French Development Agency, CAF = Development Bank of Latin America, CTCN = Climate Technology Centre and Network, EU = European Union, GCF = Green Climate Fund, GEF = Global Environment Facility, NDCP= NDC Partnership, ROK = Republic of Korea, UK = United Kingdom, US = United States.

Figure 10: Breakdown of signed agreements by region (GGGI income less co-financing, as of 30 June 2023)



6.2 PROGRAMMATIC BUDGET PERFORMANCE

At mid-year, the total actual spent over GGGI's active programmatic portfolio was **USD 27 million** or 31% of the corresponding annual budget of **USD 86 million**. Some projects have reported a high level of budgetary commitments at the end of June which are likely to

materialize in the Q3 financial report. We expect expenditures to pick up during the 2nd half of 2023 and actual programmatic expenditures to reach around 95% of budget for the full year. Half-way into 2023, GGGI remains in a stable financial position.

6.3 UPDATE ON REVIEWS AND EVALUATIONS

Monitoring, Evaluation, and Learning (MEL) supports GGGI to improve the design and implementation of programs and projects to bring about transformational change, strengthen transparency and accountability of GGGI's programs and projects to Members and Partner States (including resource partners), and build a credible evidence base for green growth.

Completed and ongoing evaluations and reviews

Three evaluations and reviews were completed during the first half of 2023: I) Review of the EU Switch Asia-funded "Promotion of Sustainable Energy Practices in the Garment Sector in Cambodia"; II) Mid-term project evaluation of the Norway International Climate and Forest Initiative (NICFI) funded "Norway-Colombia-GGGI Green Growth Program

2020-2023"; and III) Final project evaluation of the Government of the Grand Duchy of Luxembourg funded "Green Secondary Cities Wastewater, Plastic Waste, and Waste Electrical and Electronic Equipment Management Project: Innovative Business Model for Recycling and Valorization in Three Cities in Senegal."

A further three evaluations are ongoing: i) Evaluation of GGGI's Pacific Programming 2017-2021, ii) Final project evaluation of the NICFI funded "GGGI Indonesia Country Program 2020-2022", and iii) Final project evaluation of the AFD funded "Towards a Long-Term Low Emission Development Strategy for Ethiopia."

Completed evaluations/reviews included several common findings and recommendations related to: **i) Project MEL frameworks.** GGGI's projects could strengthen their

theory of change and results frameworks – including more Specific, Measurable, Achievable, Relevant, and Time-bound (SMART) and Relevant, Accepted, Credible, Easy, and Robust (RACER) indicators – to better measure the progress towards the achievement of outcomes and impact; **ii) Gender Equality and Social Inclusion (GESI).** GGGI's projects can fine tune their gender strategies during project inception and better capture how GGGI's technical assistance supports GESI, even where GESI may not be identified as a significant objective in their design phase; **iii) Project strategies for sustainability.** GGGI projects need to include strategies to ensure the supported intervention is taken forward by Government partners, including in the case that a project's outcomes have yet to be materialized by the end of the GGGI support period, or where a subsequent phase of GGGI support is not secured, and lastly; iv) Hard infrastructure delivery is not a historic area of comparative advantage for GGGI and options should be explored for how to incorporate infrastructure into GGGI projects.

Going forward, GGGI will draw on established infrastructure suppliers as 'consortium partners,' rather than subcontractors, wherever possible. In this way GGGI will develop a bank of high-quality infrastructure suppliers for inclusion at the design phase, rather than rely on procurement processes, as well as ring-fencing infrastructure risk to the experienced infrastructure supplier.

MEL support to project and program teams

The IEU is providing demand-driven support to project and program teams, including training and targeted workshops to support efforts to strengthen GGGI's MEL capacity. During the first half of 2023, the IEU responded to 55 direct requests for support. For example, the IEU provided tailored support to project teams in Indonesia and the Africa Regional Office on strengthening project logframes, designing project baseline surveys, and MEL plans for GGGI's new Global Affairs Canada funded projects with a total value of over USD 30 million. IEU hosted an online MEL workshop for more than 80 GGGI staff to build staff understanding of the New Zealand Aid Program's MEL requirements and expectations as GGGI partnership with New Zealand expands to a second phase in the Pacific and commences in Southeast Asia. IEU has delivered tailored and practical MEL training to the Rwanda and Senegal

Country Programs in response to changes in program team composition.

Articulation of a GGGI-wide MEL policy

The IEU has commenced a process to design a fit-for-purpose GGGI MEL Policy and revision of GGGI's Evaluation Rules. The MEL Policy will be based on a capacity needs assessment targeting project managers and MEL staff to be conducted during the third quarter of 2023. This will be supported by a standard suite of MEL tools related to indicators, standard MEL plans, MEL staff job descriptions, and MEL training. The MEL Policy is also being informed by dialogue with several of GGGI's resource partners, including Canada, Denmark, Korea, and New Zealand. The revision of GGGI's Evaluation Rules will specifically respond to the change in GGGI's funding structure with project- and program-earmarked funding growing substantially since 2017.

07 ANNEXES

**ANNEX 1:
LIST OF 2023 ACTIVE PROJECTS**

**ANNEX 2:
LIST OF 2023 POLICIES ADOPTED BY GOVERNMENTS**

**ANNEX 3:
COMPLETED POLICY ADVISORY OUTPUTS**

**ANNEX 4:
COMPLETED INVESTMENTS ADVISORY OUTPUTS**

**ANNEX 5:
CORPORATE RESULTS FRAMEWORK (CRF) 2021-2025**

**ANNEX 6:
GGGI 2023 ORGANIZATIONAL KPIS**



The Global Green Growth Institute

19F Jeongdong Building, 21-15, Jeongdong-gil,
Jung-gu, Seoul, Korea 04518

Follow our activities on Facebook, Twitter, LinkedIn and YouTube.



www.GGGI.org

