



KGID
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SEJONG

 **GGGI & KGNDTF**

**Catalyzing the Global Green Transition
through Innovation, Finance, and Policy**

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Member States and Countries of Operation



Headquartered in Seoul, Republic of Korea, GGGI has **55 Member States** and operations in 57 countries.

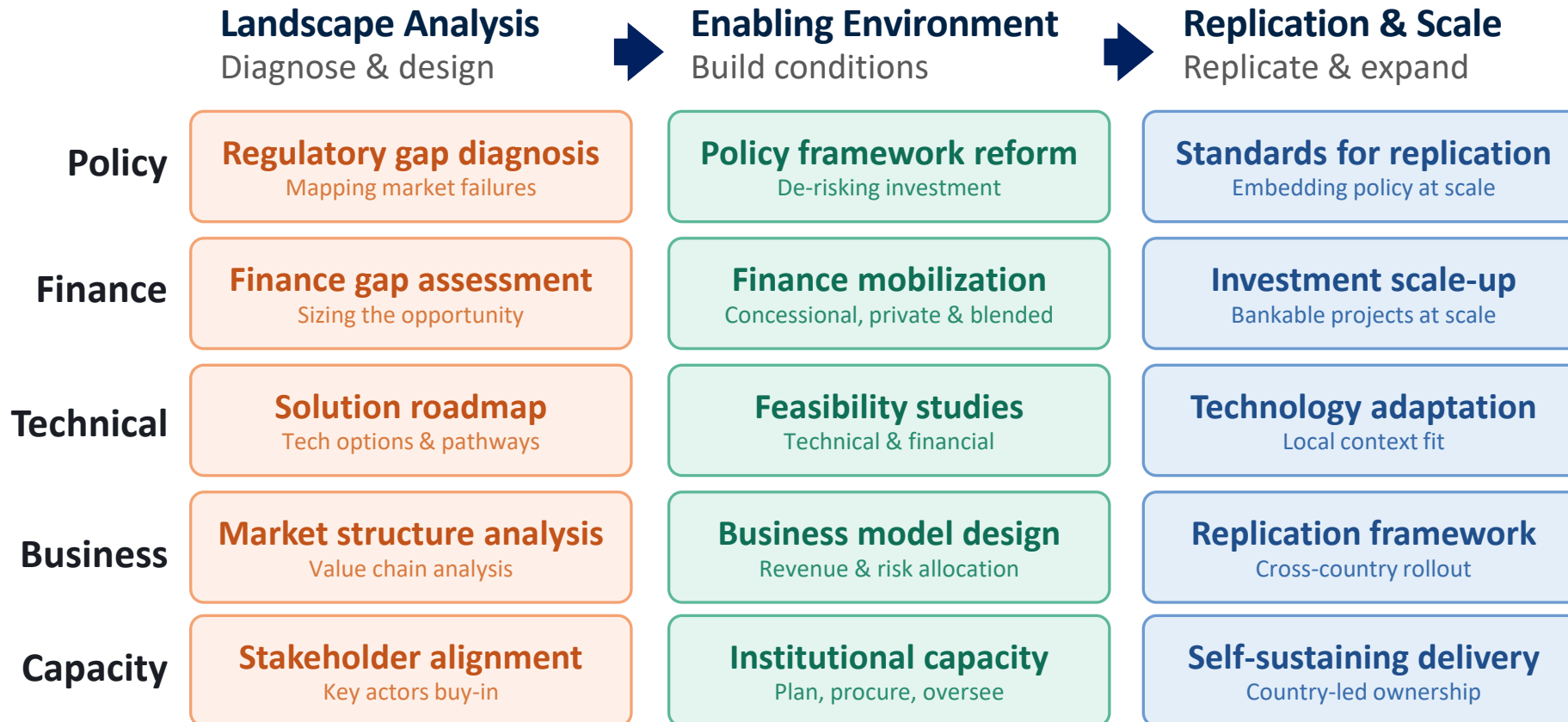
- MEMBER STATES
- MEMBER STATES & OPERATIONS
- PARTNER STATES & OPERATIONS



GGGI's Full-Cycle Delivery Model



Embedded in Member governments as a trusted advisor and partner, driving **delivery on the ground** across the **full project lifecycle**.



How?

01

Right combination

Embedded teams pick the expertise mix that fits each country's context.

02

No handoffs across phases

Embedded teams carry projects from diagnosis to replication.

03

Replication multiplies impact

Each project strengthens the next.

KGNDTF Overview

Introduction and Financing Windows under KGNDTF

- Established at **GGGI** with funding from the **Ministry of Economy and Finance (MOEF), Republic of Korea**
- Supports partner countries in translating green growth and climate policy priorities into investment-ready solutions
- Operates as a trust fund, with a focus on **impact, transparency, and value-for-investment**

WINDOWS

- 1 Integrated Climate Solutions for Investment, Policy and Regulatory
- 2 GCF Projects or its Equivalent Project Development
- 3 Green Innovation Partnership and Knowledge Sharing
- 4 Global Voluntary Carbon Market Aligned with the Paris Agreement (GVCM)
- 5 High-level Bilateral Cooperation

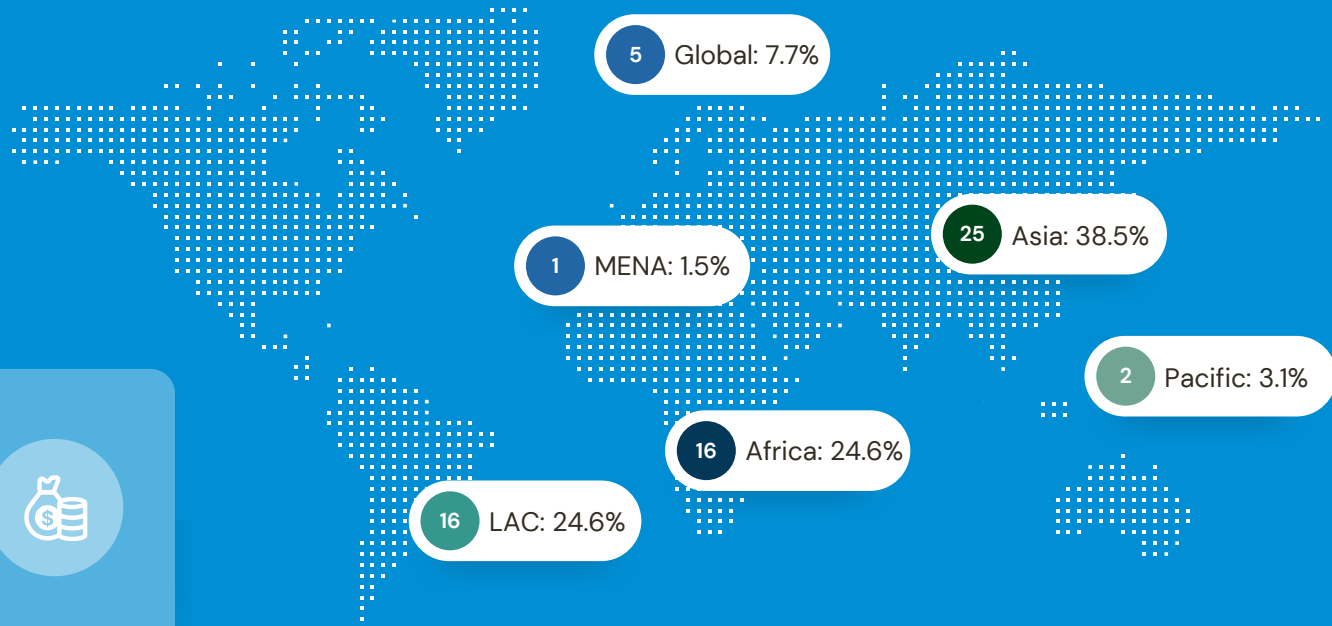
KGNDTF Overview

A Global Portfolio of Strategic Intervention

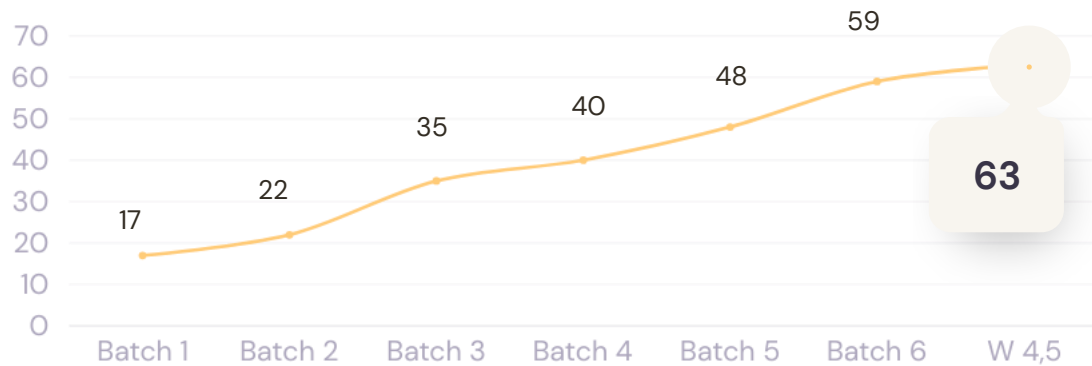
Projects Approved
64



Funds Allocated
USD 22.5M



KGNDTF Projects by Batch (cumulative)



Fund Size

KRW 15 billion per year

(Appx. USD 50 Million for 5 years starting 2026)



Duration

9 years

(2022 - 2030)

63 projects approved

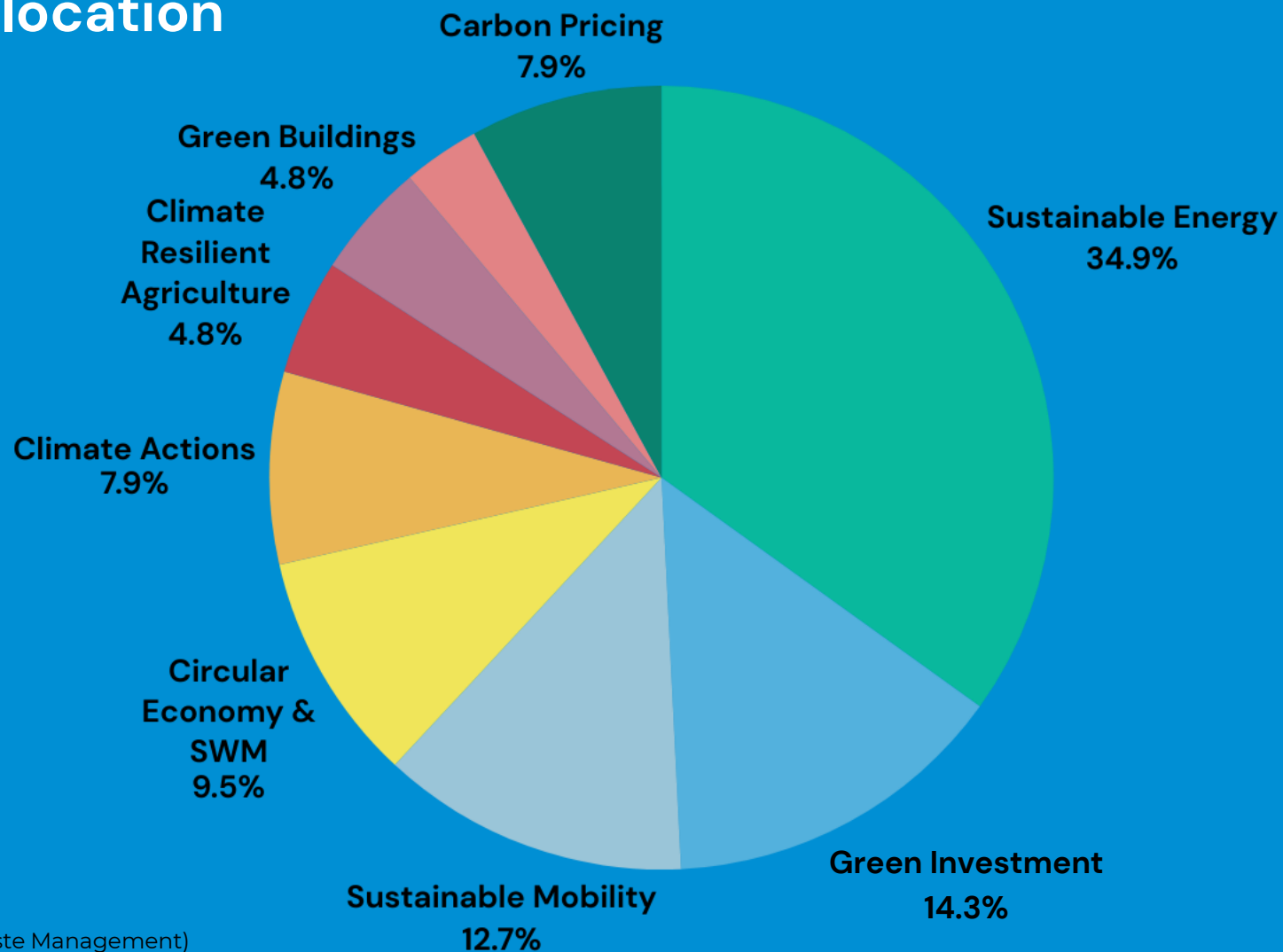


Mandate

Green Growth, Carbon Neutrality, Climate Adaptation

KGNDTF Overview

Sectoral Allocation



(SWM: Solid Waste Management)

KGNDTF Impact

(2022 – 2025)

50.55 Million Tons

of GHG Emissions Reduced

The equivalent of taking over 11 million gasoline-powered cars off the road for a year.

47 Million

Benefiting from Climate Adaptation

Building resilience against the impacts of climate change across vulnerable communities

65,246

Green Jobs Created

Fostering economic growth and sustainable livelihoods in developing economies.

281,628 individuals

Benefiting from sustainable services

Improving availability and access to energy and transport services for communities and individuals.

Unlocking Innovation: 600 MW Floating Solar in India

600 MW Project at Omkareshwar Dam, Madhya Pradesh

Challenge: India needs 500 GW of renewable energy by 2030, but land is scarce.

Approach: Utilizing water surfaces to generate power, conserve land, and reduce evaporation.

 Investment Mobilized
USD 366 Million

 Emissions Avoided
12 Million tCO₂

 Green Jobs Created
427 Jobs

The 600 MW Floating Solar Project at Omkareshwar Dam in Madhya Pradesh aimed to boost India's renewable energy capacity by reducing GHG emissions by 33-35% and achieving 40% renewable energy by 2030. By utilizing the dam's water surface, the project overcame land constraints typical of ground-mounted solar installations.

The GGGI provided key advisory support, ensuring robust design and financial viability by facilitating access to finance and securing approvals. The project established a scalable model for future renewable energy initiatives, offering valuable lessons in technical expertise, stakeholder engagement, policy navigation, and sustainable development.

Himachal Pradesh Power Sector Development Program

Power Sector Reform Project under Himachal Pradesh Power Sector Development Program

Location

Himachal Pradesh, India

Timeline

May 2022 - June 2024.



Emissions Avoided

2 Million tCO₂



Investment Mobilized

**USD 250 Million
(WB 200M Loan)**



Strategic Outcome

Grid Modernization

The Himachal Pradesh Power Sector Development Program (HPPSDP) supports modernization of the state's electricity sector through integrated planning and digital grid management. The program improves the deployment of renewable energy—particularly hydropower—while enhancing grid reliability and operational efficiency.

GGGI supported the program by providing technical advisory, investment structuring, and stakeholder coordination, helping mobilize USD 250 million in financing. The initiative introduced digital monitoring tools and strengthened institutional capacity, creating a replicable model for renewable energy integration and sustainable power sector reform.

De-risking Large-Scale Wind Infrastructure

Jemeiwaa Ka I Wind Project, La Guajira, Colombia

Location

Colombia relies heavily on hydropower, making its energy system vulnerable to climate variability. Diversifying the energy mix is essential to strengthen energy security and support the country's renewable energy targets.



Emissions Avoided

22 Million tCO₂



Investment Mobilized

USD 520 Million



Clean Energy Capacity

Up to 1,067 MW Wind Power

The Jemeiwaa Ka I Wind Project, Colombia's largest wind development, will deliver up to 1,067 MW of wind capacity across five parks in La Guajira, supporting the country's transition to a diversified and resilient energy system.

GGGI provided technical assistance, project design support, and financial structuring, helping secure USD 520 million in investment for the first 300 MW phase. The project will generate 486.7 GWh of clean electricity annually for 20 years, avoiding 22 million tons of CO₂ emissions and contributing to Colombia's climate commitments.

Beyond clean power generation, the initiative supports rural electrification through hybrid PV-wind-battery systems, benefiting over 8,000 people, while strengthening community engagement and socio-economic development. The project establishes a replicable model for large-scale wind energy development in Latin America.

Financing the Transition: Mexico's first sustainable bond framework

NAFIN Sustainable Bond Technical Assistance Program, Mexico

Challenge

Mexico required stronger financial frameworks to scale green investments and align sustainable bond issuances with international standards while ensuring transparency, monitoring, and impact reporting.



Emissions Avoided
Over 100,000 tCO₂



Investment Mobilized
USD 371 Million



Communities Supported
4,800 People

The NAFIN Sustainable Bond Technical Assistance Program strengthened Mexico's sustainable finance ecosystem by supporting Nacional Financiera (NAFIN) in developing and issuing sustainable bonds aligned with international standards. The program established a robust bond framework, enhanced ESG integration, and improved monitoring and reporting systems.

GGGI provided technical advisory, capacity building, and strategic support, enabling NAFIN to mobilize USD 371 million in sustainable bond financing. The program supported investments in renewable energy, energy efficiency, and climate-resilient initiatives.

The initiative helped avoid over 100,000 tons of CO₂ emissions, financed clean energy technologies, and provided climate-related financing to small and medium-sized enterprises. By strengthening transparency and investor confidence, the program positioned NAFIN as a leader in sustainable finance and created a replicable model for green bond development in emerging markets.

Africa - Infrastructure Climate Resilient Fund (ICRF)

Africa Infrastructure Climate Resilient Fund (ICRF)

Africa's infrastructure is highly vulnerable to climate change impacts such as extreme weather, droughts, and floods, threatening economic growth and development across the region.



Investment Mobilized
USD 761 Million



Direct Beneficiaries
50.3 M



Indirect Beneficiaries
194.5 M

The Infrastructure Climate Resilient Fund (ICRF) supports large-scale climate-resilient infrastructure investments across 19 sub-Saharan African countries. Led by the Africa Finance Corporation (AFC) and supported by the Green Climate Fund (GCF) and GGGI, the initiative mobilizes concessional capital to attract institutional investors and scale climate-resilient infrastructure projects.

KGNDTF provided technical assistance for climate risk assessments, feasibility studies, and investment mobilization, helping secure GCF equity and grant funding. The initiative strengthens local capacity for climate-informed infrastructure planning while promoting innovative financing mechanisms.

The fund is expected to benefit 47 million people directly and impact 144 million across the region, while reducing greenhouse gas emissions by approximately 9.7 million tons of CO₂e. By integrating climate resilience into infrastructure development, the ICRF establishes a scalable model for sustainable infrastructure investment across Africa.

Strategic Cooperation

Scaling and Evolving



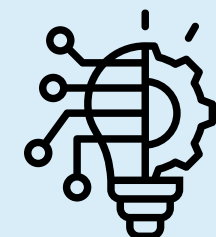
Scaling Up

Replicating proven models, such as Energy Transition initiatives, in new regions



Partnership-driven Initiatives

Strengthening global partnerships to spearhead investment initiatives in sectors such as hydrogen and carbon markets.



AI Transformation

Harnessing AI to enhance investment project development and streamline facilitation.

Contact Us



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