

Decade of Green Growth Impacts with KGGTF

Hyoungh Gun Wang
KGGTF Program Manager
The World Bank

KGID
CAIRO

Introduction of KGGTF

**The Korea Green Growth Trust Fund (KGGTF) is
a visionary Partnership between the World Bank and Korea
as the Only Trust Fund devoted to Green Growth
within the World Bank**



**7 SD and Infra
Sectors**



**10+ years of
Green Growth
Project
Experience**



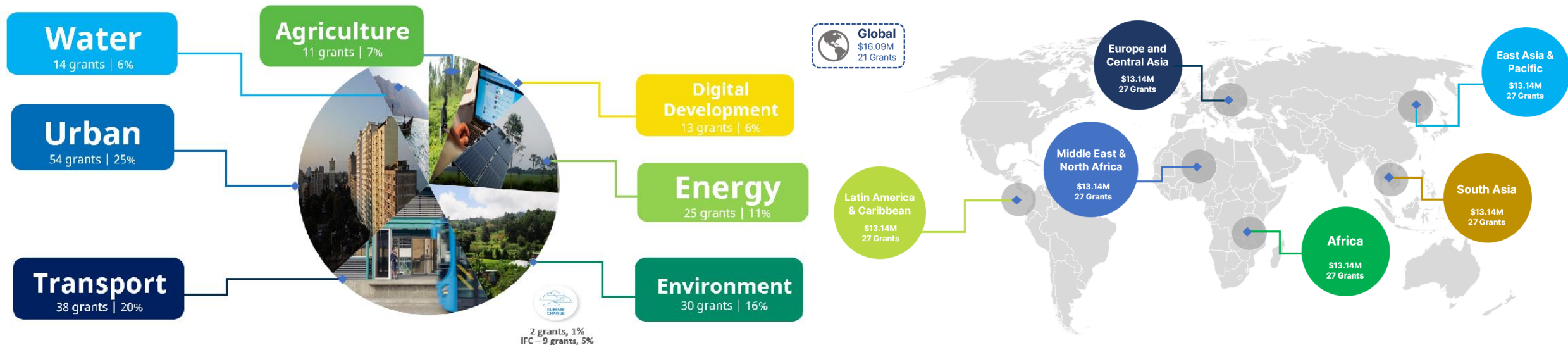
**Leveraged \$19B
in WBG lending**



**Green Growth
Tech/Know-How**

KGID At A Glance

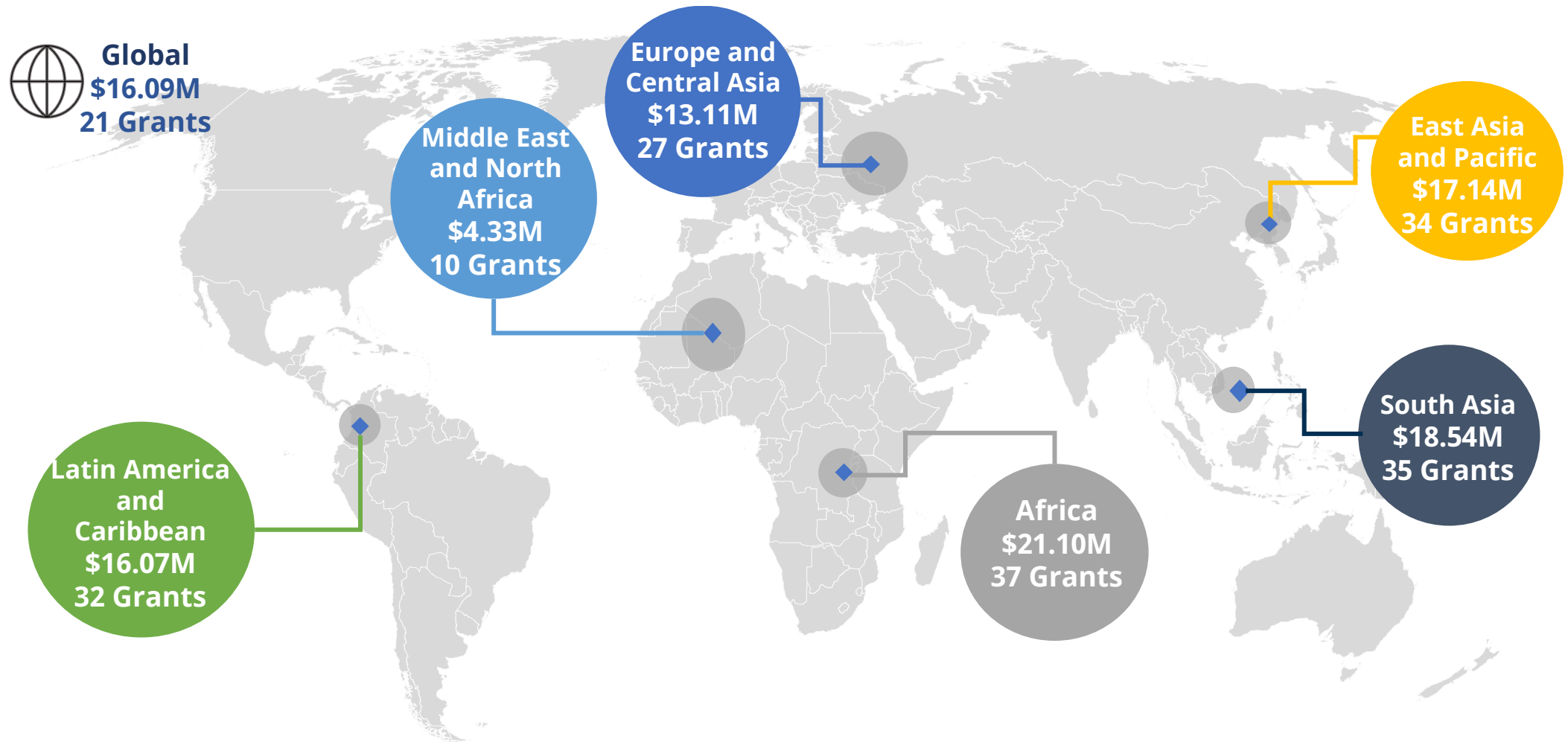
KGIDTF has provided grants to
217 World Bank projects a total of over **\$117M**



KGTF Grant Portfolio, by Sector



KGTF Grant Portfolio, by Region



KGGTF Knowledge & Partnerships

KNOWLEDGE PRODUCTS

- Knowledge Note Series
- Green Growth Guides
- Sector Guidebook Series
- Knowledge Exchange Books
- Videos Case Studies
- Multi-media Tools and Materials



KNOWLEDGE EXCHANGE & PARTNERSHIPS

- Webinars (hosted and co-hosted)
- Monthly Newsletter
- Bi-lateral Meetings between Technical and Policy Experts
- Annual Knowledge Sharing Event (KGID)

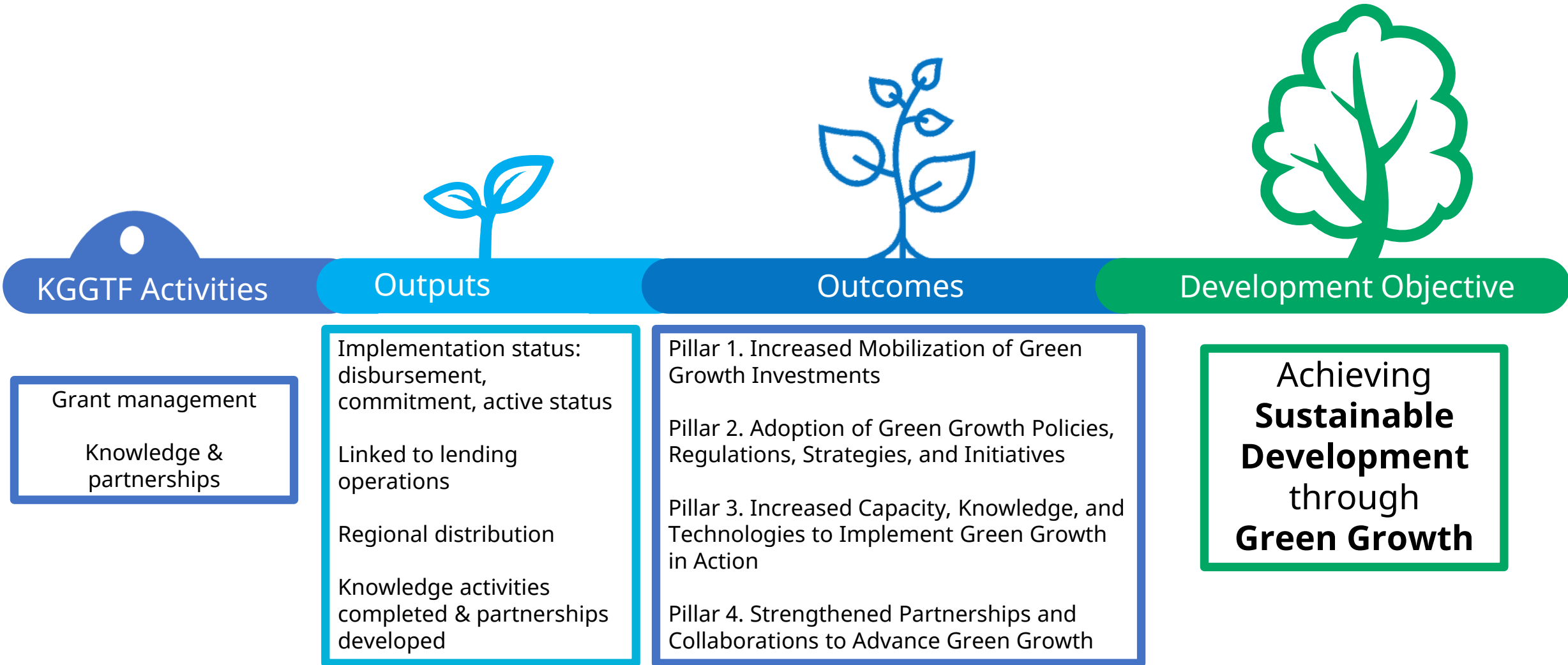


KNOWLEDGE PROMOTION PLATFORMS





- KGGTF Website wbgkggtf.org
- Annual Knowledge Sharing Event (KGID)



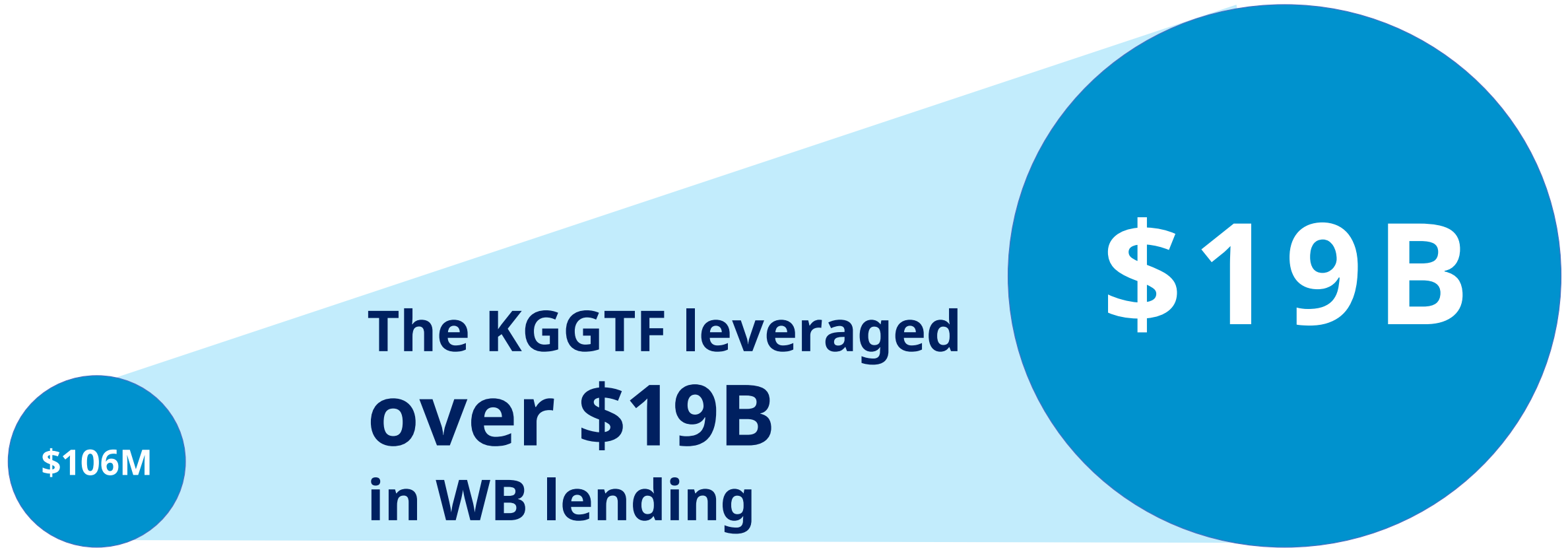
KGCTF Theory of Change



KGDTF Key Performance Indicators (KPI)

KGDTF OUTCOME PILLARS		OUTCOMES
 PILLAR 1 Increased Mobilization of Green Growth Investments		1.1 WB lending influenced by KGDTF funded activities
		1.2 Climate co-benefits of WB lending influenced by KGDTF funded activities
		1.3 Co-financing to WB lending influenced by KGDTF funded activities
 PILLAR 2 Adoption of Green Growth Policies, Regulations, Strategies, and Initiatives		2.1 Client countries' adoption of green growth policies, regulations, strategies and initiatives influenced by KGDTF funded activities
		2.2 WB's adoption of green growth strategies, country engagements and project development influenced by KGDTF funded activities
 PILLAR 3 Increased Capacity, Knowledge, and Technologies to Implement Green Growth in Action		3.1 Knowledge Exchange programs supported by KGDTF funded activities
		3.2 Capacity building activities supported by KGDTF funded activities
		3.3 Creation of knowledge products to transfer green growth technologies and solutions
 PILLAR 4 Strengthened Partnerships and Collaborations to Advance Green Growth		4.1 External organizations engaged with KGDTF grant teams
		4.2 External organizations engaged with the KGDTF Team

KPI Pillar 1: Increased Mobilization of Green Growth Investments



The KGGTF leveraged
over \$19B
in WB lending

\$19B

\$106M

KGGTF grant support
until 2022

World Bank Lending



KGGTF OUTCOME SUMMARY	
	LINK TO WB LENDING & CO-FINANCING \$305,000,000
	INFLUENCE ON CLIENT COUNTRY POLICY/STRATEGY Catchment Management Guidelines and Dam Safety Regulations
	KNOWLEDGE PRODUCTS PRODUCED Training Modules for Climate Change Mainstreaming in Water Resources Planning and Dam design
	EXTERNAL PARTNERSHIPS (KOREAN & NON-KOREAN) Korean: K-Water

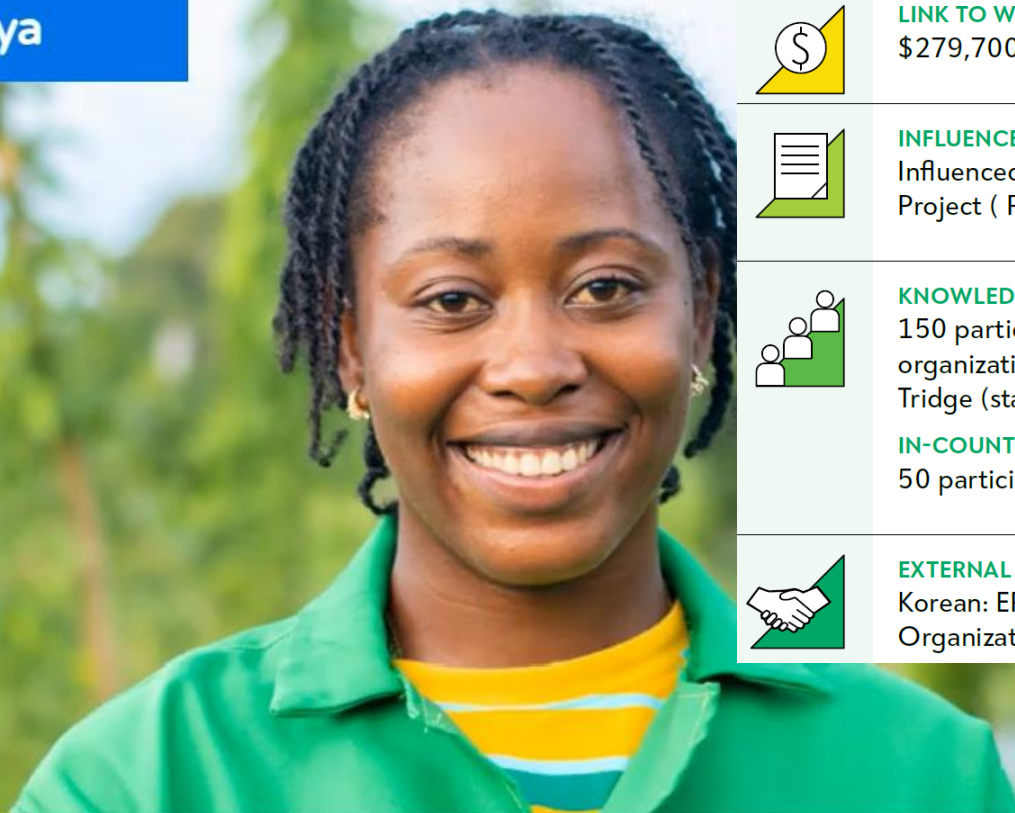
KGGTF OUTCOME SUMMARY



LINK TO WB LENDING & CO-FINANCING
\$305,000,000

Strengthening Capacity in Climate Resilience for Water Infrastructure Development in Uganda

TTL: Fook Chuan Eng (Lead Water Supply Sanitation Specialist) / Harriet Nattabi (Senior Water Resources Specialist)



Leveraging Digital Technologies for Scaling up Climate Smart Agriculture in Kenya

TTL: Vinay Kumar Vutukuru (Senior Agriculture Economist)

KGGTF OUTCOME SUMMARY



LINK TO WB LENDING & CO-FINANCING

\$279,700,000



INFLUENCE ON WB STRATEGY/PROJECT DEV

Influenced the design of the National Agriculture Value Chain Development Project (P176758) benefitting Kenya



KNOWLEDGE EXCHANGE PROGRAMS HELD

150 participants from Kenya and India in partnership with 6 Korean organizations including 3 start-ups: EPIS, FACT, KRC, Greenlabs (start-up), Tridge (start-up), Telefarm (start-up)

IN-COUNTRY CAPACITY BUILDINGS HELD

50 participants from Kenya



EXTERNAL PARTNERSHIPS (KOREAN & NON-KOREAN)

Korean: EPIS, Non-Korean: Kenya Agriculture and Livestock Research Organization

KPI Pillar 2: Adoption of Green Growth Policies, Regulations, and Initiatives

GRID

- Support the World Bank to develop a comprehensive diagnostic to support the implementation of GRID strategy in 45 + countries
- At least 9 influenced CPF, CCDD, SCD

GREEN RESILIENT, AND INCLUSIVE DEVELOPMENT



Green Mobility

- Building innovative tools to support the municipal authorities to foster green mobility strategies in Siem Reap and Lao PDR



THE RISE FRAMEWORK

Esteban Balencia, Jose Antonio Cuesta, Richard Damania, Shenghui Feng, Jisung Moon, Jun Rentschler, Jason Russ, Margaret Triyana



STEP

- Egypt Smart Technology and Energy Efficient Production program to reduce industrial energy consumption



RISE

- The diagnostic is based on an assessment of a country's performance across 4 key pillars of development: Resilience, Inclusion, Sustainability, and Efficiency (RISE)



INFLUENCE ON CLIENT COUNTRY POLICY/STRATEGY

1. Clean Air Action Plan, 2. Amendments to vehicle legislation to include private motor vehicles; 3. Plastics Management strategy and Green Financing Strategy

INFLUENCE ON WB STRATEGY/PROJECT DEV

Pakistan draft Country partnership framework and Country Climate and Development Report

Catalyzing Green Investment in Pakistan

TTL: Christopher James Warner (Senior Environmental Specialist) / Ahmad Imran Astam (Senior Environmental Sepcialist)



INFLUENCE ON CLIENT COUNTRY POLICY/STRATEGY

1. Uzbekistan's Ministry of Agriculture's Roadmap for development of the Agricultural Knowledge and Innovation System (AKIS),
2. Government of Uzbekistan 2019-2030 Green Economy Transition Strategy

INFLUENCE ON WB STRATEGY/PROJECT DEV

Inputs into Uzbekistan CPF FY23-26 "High-Level Objective: Improved Livelihoods and Resilience through Greener Growth."

KGGTF OUTCOME SUMMARY	
	LINK TO WB LENDING & CO-FINANCING \$610,000,000
	INFLUENCE ON CLIENT COUNTRY POLICY/STRATEGY 1. Uzbekistan's Ministry of Agriculture's Roadmap for development of the Agricultural Knowledge and Innovation System (AKIS), 2. Government of Uzbekistan 2019-2030 Green Economy Transition Strategy INFLUENCE ON WB STRATEGY/PROJECT DEV Inputs into Uzbekistan CPF FY23-26 "High-Level Objective: Improved Livelihoods and Resilience through Greener Growth."
	KNOWLEDGE EXCHANGE PROGRAMS HELD 25 participants from Uzbekistan in partnership with RDA IN-COUNTRY CAPACITY BUILDINGS HELD 25 participants in Uzbekistan KNOWLEDGE PRODUCTS PRODUCED Soil spectroscopy training materials: A primer on soil analysis using visible and near-infrared and mid-infrared spectroscopy
	EXTERNAL PARTNERSHIPS (KOREAN & NON-KOREAN) Korean: RDA

Leveraging Technology of Uzbekistan's Agricultural Modernization

TTL: Sergiy Zorya (Lead Agriculture Economist)

KPI Pillar 3: Increased Capacity, Knowledge, and Technologies to Implement Green Growth in Action





KNOWLEDGE EXCHANGE PROGRAMS HELD

42 participants in partnership with 11 Korean organizations: KMI; KOFA; KOEM; NIFS; NFQS; KMA; FMC; FIPA; Suhyup; and Hallim Suhyp; Pukyong National University (PNU)

IN-COUNTRY CAPACITY BUILDINGS HELD

42 participants in Morocco

KNOWLEDGE PRODUCTS PRODUCED

6 reports prepared with significant participation of the Government of Morocco for official use. Press release and stakeholders workshop video published on YouTube

Boosting the Blue Economy Potential in Morocco

TTL: Sandrine Jauffret (Senior Natural Resources Management) / Marcelo Acerbi (Senior Environmental Specialist)



KNOWLEDGE EXCHANGE PROGRAMS HELD

27 participants from 10 countries (including Palau, Marshall Islands, Samoa, Micronesia, Vanuatu, Kiribati, Nauru, Solomon Islands, Tonga, Tuvalu) in partnership with 8 Korean organizations (KEPCO, Starkoff, JRI, KOMIPO, KOEN, GPhilos, Seoguipo Bus, KIER)

Regional E-mobility and Battery Storage Programmatic Technical Assistance (TA) for Pacific Island Countries and Territories

TTL: Alain Ouedraogo (Senior Energy Specialist) / Inchul Hwang (Senior Energy Specialist)



KPI Pillar 4: Strengthened Partnerships and Collaborations to Advance Green Growth

KGID

Korea Green Innovation Days (KGID) is the World Bank's annual green growth knowledge sharing event.

KGID is a platform for **leading experts in climate change, economic development and green growth practitioners** to strengthen partnerships and seek future collaboration opportunities



KGID CAIRO

KOREA GREEN INNOVATION DAYS
OCTOBER 17-19 2023
LEVELING UP
GREEN GROWTH IMPACTS

KGID CAIRO 2023

October 17-19, 2023

The Nile Ritz-Carlton Hotel, Cairo, Egypt





EXTERNAL PARTNERSHIPS (KOREAN & NON-KOREAN)

Korean: KOTI; SMG; Hongik University, and Seoul National University of Science and Technology

Non Korean: Africa Transport Policy Programme (SSATP) and ADB



EXTERNAL PARTNERSHIPS (KOREAN & NON-KOREAN)

Korean: KOTI; SMG; Hongik University, and Seoul National University of Science and Technology

Non Korean: Africa Transport Policy Programme (SSATP) and ADB

Transforming Urban Transport to Support Green and Resilient Recovery – Leaders in Urban Transport Planning (LUTP)

TTL: Arturo Ardila Gomez (Lead Transport Economist) / Georges Darido (Lead Urban Transport Specialist)

KGDTF Phase 4 Program – Stakeholder Survey and In-depth Interviews



136 Survey Respondents

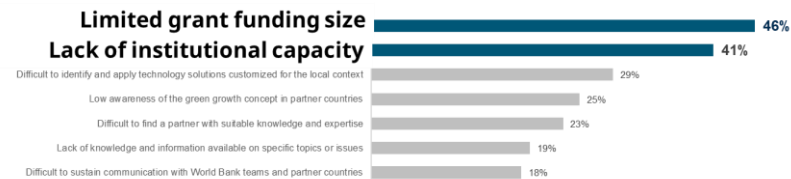
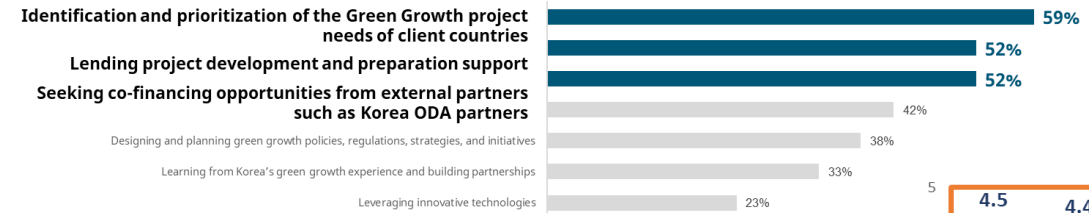
World Bank staff, client countries, and Korean partners

30 In-depth Interviews

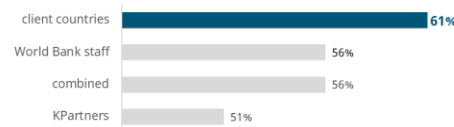
Green growth strategies implementation and operationalization



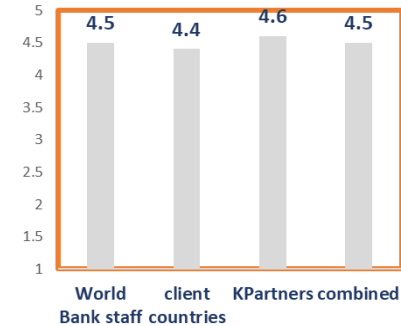
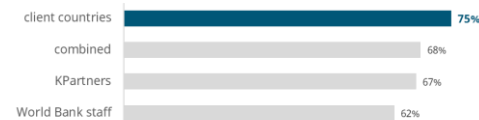
KGDTF New Priorities



Was/Is this your **first time** cooperating with Korea through KGDTF?



Has your impression of cooperation with Korea changed **positively** because of your engagement with the KGDTF?



Scaling up KGDTF programs will be critical because **the money that the KGDTF leverage is enormous.**

Paola Agostini, Lead Natural Resources Management Specialist, WBG



The KGDTF may focus on the area of **mobilizing the private sector** to increase the potential for creating low-skill jobs in sanitation that will actually support a quiet number of families in client countries

Shyam KC, Senior Water Resources Management Specialist, WB



Korean example brings the best landfill and waste management technologies to connecting the landfill to economic opportunities from turning waste to energy.

Maurice Andres Rawlins, Senior Environmental Specialist, WB



I hope the KGDTF can also support nurturing and **training qualified youth**, so that our government can create jobs, improve capacity, and help people adapt to a green economy.

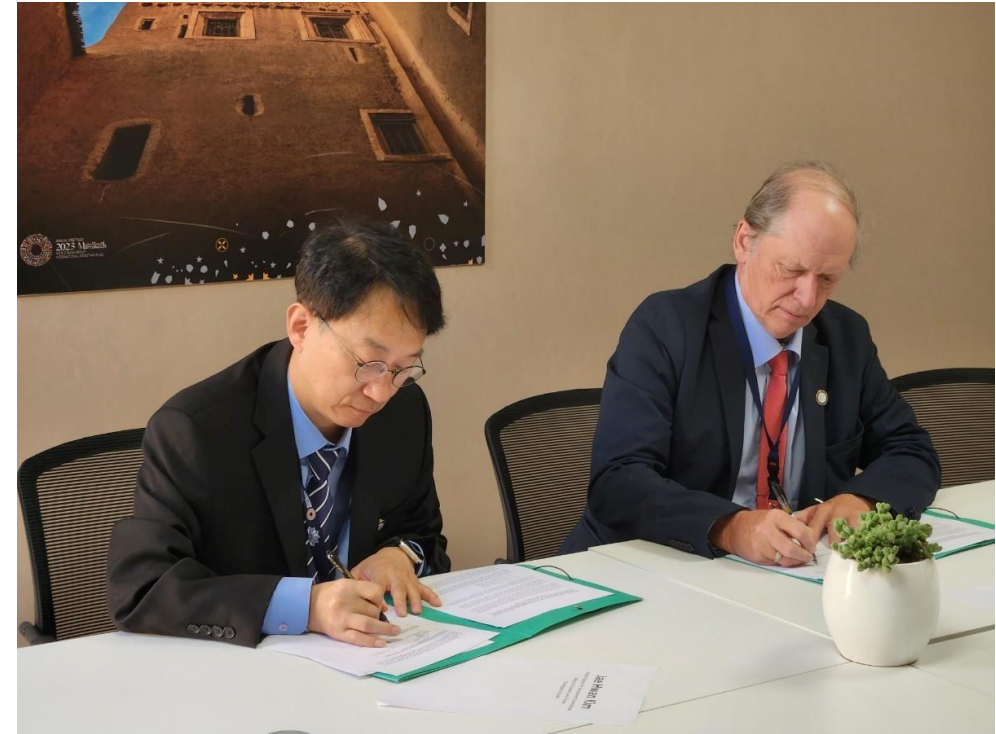
Girma Worku, Director, Ethiopia Road Authority

KGTF Phase 4 Program – The New AA Signed for \$80M Replenishment for 2024-27

Priorities for Global Climate Challenges
Strong Performance of KGTF for a decade



64% Increase in the KGTF replenishment
to **\$80M for 2024-27** (from \$49M for 2020-23)



KGTF AA signing on October 13, 2023,
in Marrakesh during the 2023 Annual Meetings

KGCTF Phase 4 Program – Priorities

1. Maximize Green Growth Investments
2. Build Implementation-oriented Partnerships
3. Mobilize Private Sector Engagement
4. Inspire Youth Engagement



Moving Forward

The Korea Green Growth Trust Fund will...

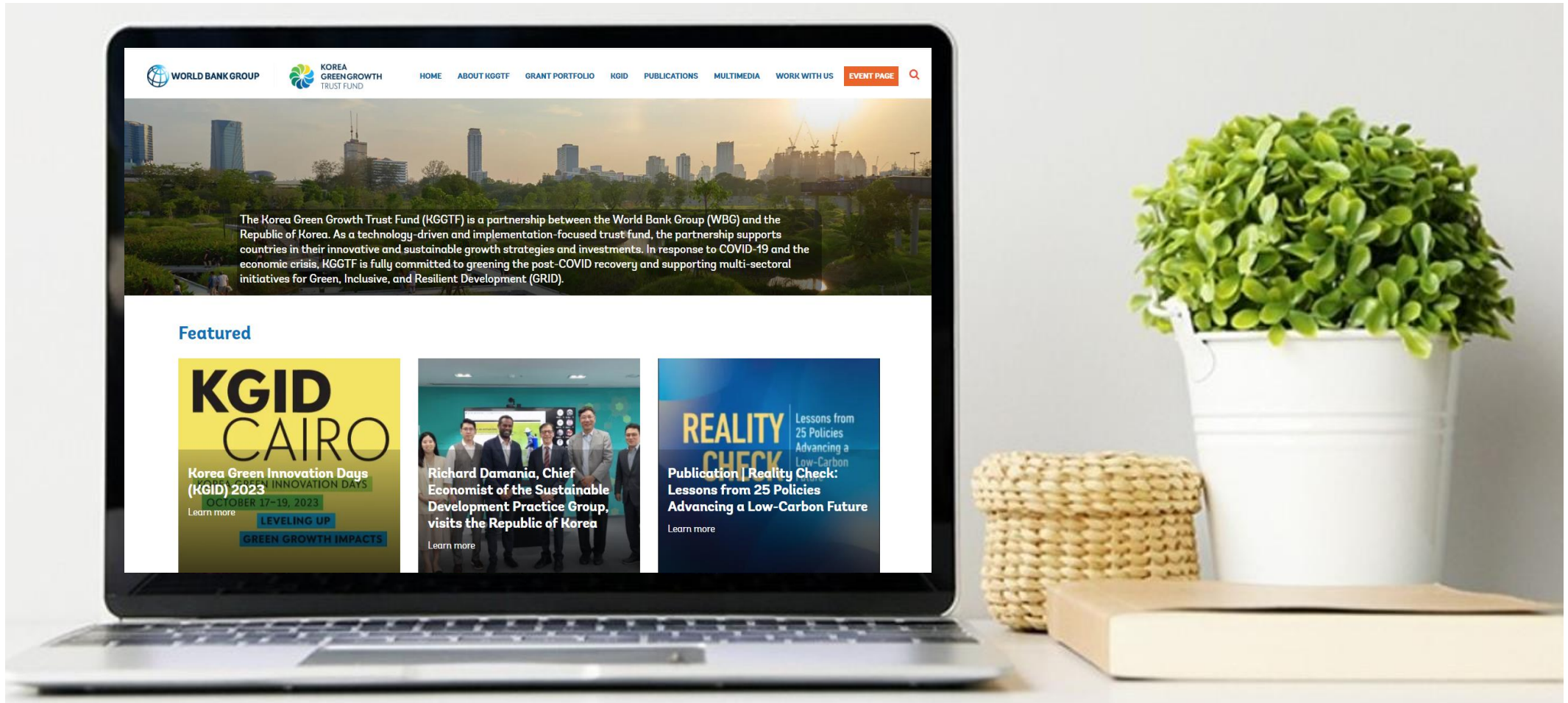
Continue to serve as a strong bridge between the World Bank and Korea,

Realize the green growth journey of developing countries around the world,

Build a more sustainable and carbon-neutral future.

For More Information:

KGCTF Website: www.wbgkgctf.org



Thank you!

Hyoung Gun Wang
KGGTF Program Manager
The World Bank

KGID CAIRO