

April 2017



Global Green Growth Institute & Green Finance



GGGI Value Chain & Green Finance



GGGI has

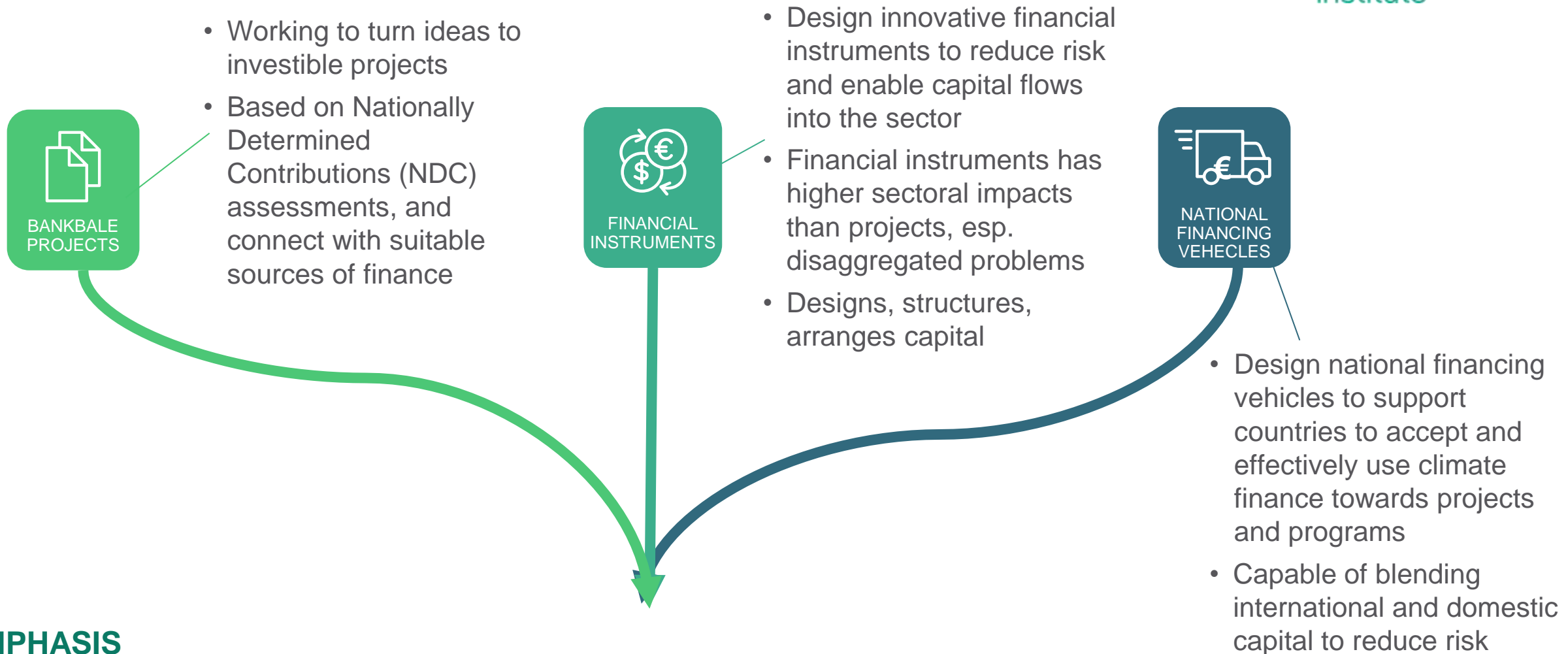
Three Unique Offerings



Financial and structuring expertise

- **Green Investment Services (GIS)** at GGGI is a new team established to develop a global pipeline of bankable projects by:
 - ✓ Advise member governments regarding green investments
 - ✓ Convert ambitions and ideas from governments into bankable investments and opportunities
 - ✓ Mobilize and arrange investors
- **Our convictions:**
 - Finance – public but especially private – necessary for green development
 - Large amounts of capital available for green projects but few investible projects in emerging markets
 - Channeling financing to our clients is challenging.

GGGI Green Investment Services List



EMPHASIS

1. **Risk reducing:** using public monies to mitigate risk for the eventual movement of private capital.
2. **Catalytic:** first-in-line, first-in-sector, first-on-type. Accompanied by policy changes where needed or else impact is restrained.

GGGI Sectoral Focuses & Expertise:

Sectoral policy to support financing and impact

GREEN CITIES



Mainstreaming green growth into urban planning and implementation

Resource efficient and low-carbon cities

Decentralized solutions for sanitation and wastewater

Urban waste management

Transportation and mobility

WATER



Mainstreaming green growth into water and sanitation policies

Bioeconomy and green jobs

Decentralized solutions for sanitation and wastewater

Payment for ecosystem services (PES) schemes

SUSTAINABLE LANDSCAPES



Mainstreaming green growth in a landscape-level planning process

Bioeconomy and green jobs

REDD+

Payment for ecosystem services (PES) schemes

ENERGY



Expanded access to affordable/sustainable energy services

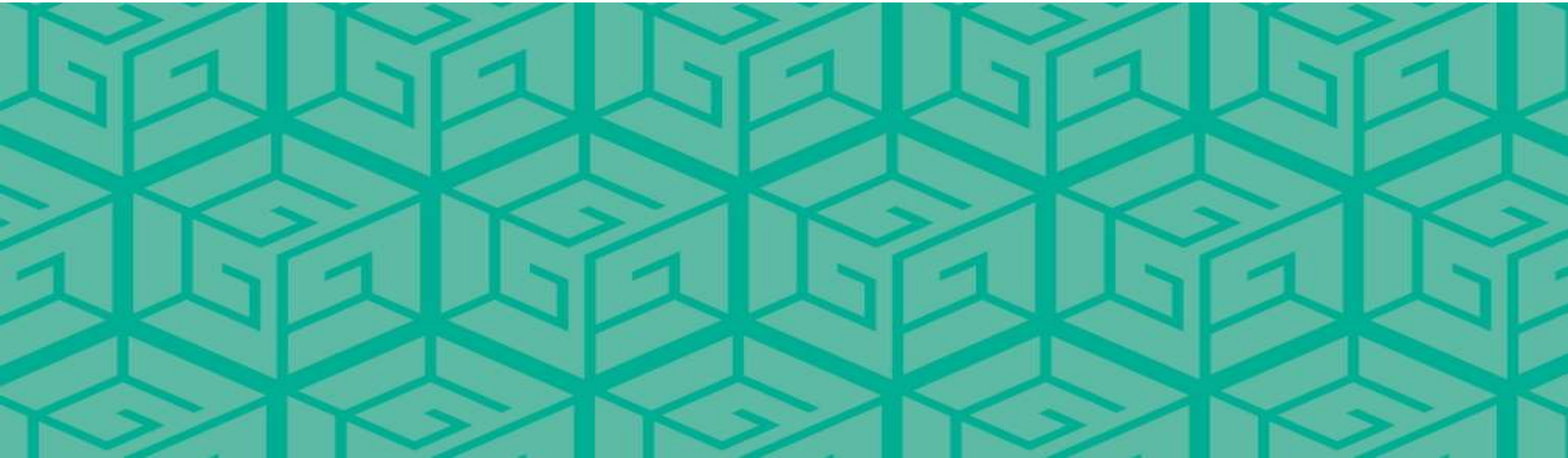
Sustainable energy generation mix

Enhancement and integration of energy efficiency

GGGI has **Sector Experts** providing sector/policy advice through technical advice, assessments, and knowledge inputs to GGGI financing work.



Our **Green** Investment Services Portfolio



BANKABLE PROJECTS



PORTFOLIO

GGGI develops projects that are bankable based on Nationally Determined Contributions (NDC) assessments and connects them with suitable sources of finance






Country	Thematic Area	Project	Investment Size (USD)
India	Energy	Waste Heat Recovery Program	100 million
Indonesia	Energy	Development of Solar PV – West Nusa Tenggara (Solar PV)	75 million
Indonesia	Energy	Palm Oil Mill Effluent Waste-to-Energy Project	30 million
Mongolia	Green Cities	Green Infrastructure PPP Program	100 million
Philippines	Green Cities	Eco-town Project Development – Palawan	1 million
Rwanda	Green Cities	Building the Financial Architecture for Rwanda's Green City pilot	50 million
Senegal	Energy	Waste-to-Energy using SoGas	2 million
Vanuatu	Energy	Rural Electrification (off-grid) Project Preparation Facility	30 million
Vietnam	Energy	Biomass Waste-to-Energy	95 million
Vietnam	Green Cities	Wastewater Management System for BenTre City	30 million

Design innovative financial instruments to reduce risk and enable capital flows into the sector

FINANCIAL INSTRUMENTS



PORTFOLIO

<p>INDIA</p> 	<p>Access to Clean Energy (ACE) Fund</p>	<p>GGGI is designing an innovative financial instrument – a \$120 Million debt fund with credit enhancement - to directly support growth of off-grid energy (OGE) sector companies in India.</p>
<p>PERU</p> 	<p>Strengthening Peruvian Exports via Energy Efficiency (SPEEE) Program</p>	<p>GGGI is establishing the Strengthening Peruvian Exports through Energy Efficiency (SPEEE) Program together with Peruvian government, which aims to improve the competitiveness of 21 high-priority industrial clusters through the adoption of energy efficiency measures that reduce operating costs and improve productivity.</p>
<p>THAILAND</p> 	<p>Thai Auto Parts Energy Efficiency (TAPEE) Program</p>	<p>This GGGI Program will focus on addressing barriers to greater energy efficiency investment in the auto parts manufacturing sector. The Program is divided into two phases:</p> <ul style="list-style-type: none">• Phase I: Facilitation of energy efficiency upgrade projects in the SME auto parts manufacturing sector• Phase II: Development of a risk-sharing facility, financing mechanism, and pipeline of bankable projects

NATIONAL FINANCING VEHICLES









PORTFOLIO

National Financing Vehicles are tools/mechanisms to support countries to accept and effectively use national/international climate finance towards projects/program by facilitating:



- **Capital raised** from multiple sources and direct the funds towards national priority activities (e.g. NDCs)
- **Collection** of funds as per national regulations & legal statutes
- **Structuring and blending** of capital from private, public, multilateral, and bilateral sources to provide maximum leverage
- **Disbursement** to sound projects and program which are aligned with country's climate priorities
- **Managerial Accounting** to ensure effective and efficient use of capital and to ensure that there is transparency and accountability in processes
- **Provides Policy guidance** for national governments to create enabling environment for climate projects and program

Country		Fund size (USD)
Colombia		30 million
Costa Rica		32 million
Mongolia		50 million
Rwanda		25 million
Vanuatu		20-30 million
Jordan		30 million

Thank You

