

## Directing finance to where it is needed most

Delivering inclusive growth while limiting climate change to 1.5°C will require the mobilization of finance at a historic scale. Over the next 15 years, it is estimated the world needs about USD 90 trillion in climate smart infrastructure – most of it in developing countries. Investing in green, climate resilient development will help mitigate the impacts of climate change and enable vulnerable societies to adapt to its negative effects. Climate finance plays a vital role in accelerating the implementation of NDCs and advancing the SDGs.

Mobilizing climate finance to where it will deliver the greatest impact is beset by various challenges, including institutional capacity. The Global Green Growth Institute (GGGI), mandated to help develop a low-carbon, resilient world of strong, inclusive and sustainable growth, works with its Member and partner countries to mobilize finance in support of climate action plans and programmes aiming to achieve climate targets.

GGGI has already helped mobilize over USD 1 billion in green investments and climate finance in developing countries. GGGI has done so by supporting countries to tap into finance from diverse sources, including bilateral aid, multilateral development banks, and the private sector.

One critical source of climate finance is the Green Climate Fund (GCF), which empowers developing countries to achieve their NDCs by financing mitigation and adaptation initiatives that align with countries' needs and priorities. To enhance country ownership and access to its resources, GCF has a Readiness and Preparatory Support Programme. This "Readiness Programme" provides grants or technical assistance to strengthen institutional capacities, governance mechanisms, planning and programming to help countries identify a transformational, long-term climate action agenda. All developing country Parties to UNFCCC can access GCF's Readiness Programme.

GGGI partners closely with GCF to support developing countries to access climate finance. With a common goal and complementary delivery model, GGGI and GCF signed a Framework Readiness and Preparatory Support Grant Agreement in 2017. Under this strategic partnership, GGGI supports its Member and partner countries to enhance access to GCF financing by implementing the GCF Readiness Programme.

To ensure that GGGI remains a neutral advisor to governments, GGGI carries out this work as a Readiness Delivery Partner and is not an accredited entity to GCF. GGGI supports national designated authorities (NDAs) and existing and potential national direct access entities (DAEs) to develop projects for submission to GCF and to access Readiness Programme resources. While GGGI is not an accredited entity, we have been working with our partner governments to develop funding proposals for submission to the GCF.

### ➤ Support for Funding Proposals

For countries to access climate finance from GCF, GGGI develops funding proposals, two of which have already been approved (for Ethiopia and Rwanda), three in the GCF pipeline (for Mongolia, India and Senegal), and one being developed (for Indonesia). GGGI has also developed 10 concept notes submitted for Fiji, Lao PDR, Rwanda and Vanuatu, six through SAP. In most of these projects, GGGI works with national direct access entities. The total value of these projects is estimated at USD 685 million, of which GCF contribution is over USD 300 million.

(Note: ■ *Approved* ■ *Submitted* ■ *Being designed* *FP: Funding Proposal*)

Country	Project Title	Status	Accredited Entity	Total project investment (USD million)	GCF financing (USD million)
Ethiopia	Responding to the Increasing Risk of Drought: Building Gender-responsive Resilience of the Most Vulnerable Communities (FP58)	FP Approved (Oct 2017)	Ministry of Finance and Economic Cooperation (MOFEC)	50.0	45.0
Rwanda	Strengthening climate resilience of rural communities in Northern Rwanda (FP73)	FP Approved (Mar 2018)	Ministry of Environment (MoE)	33.2	32.8

## GGGI: GCF PORTFOLIO

Country	Project Title	Status	Accredited Entity	Total project investment (USD million)	GCF financing (USD million)
Mongolia	Mongolia Green Finance Corporation (MGFC)*	PPF Approved (Dec 2018)	XacBank LLC	70.0	50.0
Nigeria, Senegal, Tanzania, Tunisia	Renewable and Efficient Energy Fund (REEF)	FP Submitted (2019)	African Development Bank (AfDB)		25.0
Indonesia	Strengthened Systems for Sustainable Integrated Management, Restoration and Conservation of Peatland Landscapes in Indonesia	Design	International Fund for Agricultural Development (IFAD)	150.0	50.0
Rwanda	Climate Smart Smallholder Tea Development in Rwanda	Concept Note Submitted (Nov 2018)	MoE	65.0	10.0
Fiji	Transforming Fiji Buses to Electric (Phase I)	Concept Note Submitted (Aug 2019)	Fiji Development Bank (FDB)	9.7	9.2
Vanuatu	Leveraging the National Green Energy Fund (NGEF) to Achieve Rural Electrification in Vanuatu**	Concept Note Submitted (Aug 2019)	DAE (national)	29.3	9.5
Lao PDR	Low carbon buses for the Bus Rapid Transit (BRT) System in Vientiane Capital	Concept Note Submitted (Sept 2019)	TBD	39.5	10.0
Rwanda	Building Integrated Green, Resilient and Inclusive Urban Neighborhoods in the Secondary Cities of Rwanda***	Concept Note Submitted (Jan 2020)	MoE	9.9	7.7
Rwanda	Enhancing Investment in Competitive, Low Emission and Climate Resilient Eco-Industrial Parks in the Secondary Cities of Rwanda***	Concept Note Submitted (Jan 2020)	MoE		
Rwanda	Enhancing Climate Mitigation and Adaptation Strategies of Rwanda's Secondary Cities (Nyagatare, Muhanga and Huye) through Integration of Urban and Peri-Urban Agroforestry***	Concept Note Submitted (Jan 2020)	MoE		
Lao PDR	Climate Resilient Cities in Lao PDR***	Concept Note Submitted (Jan 2020)	TBD	3.8	2.5
Lao PDR	Green Infrastructure for Resilient Cities in Lao PDR***	Concept Note Submitted (Jan 2020)	TBD	46.8	20.6
Lao PDR	Climate-Resilient Buildings in Cities in Lao PDR***	Concept Note Submitted (Jan 2020)	TBD	58.1	21.2
<b>Total</b>				<b>685.3</b>	<b>353.5</b>

\* Developed through the completed Readiness project in Mongolia, submitted FP for MGFC in March 2018. The total project cost includes ~\$20M from the Government and from participating financial institutions.

\*\* NGEF establishment supported through the completed Readiness project in Vanuatu. A proposal to the GCF through SAP pursued to raise some of the initial seed funding. This financial support will enable the Government of Vanuatu to initiate the NGEF pipeline of projects and support Government objectives as articulated in the National Energy Road Map.

\*\*\* Developed through the completed Readiness projects in Lao PDR and Rwanda, submitted to the GCF in January 2020 as part of the project completion report endorsed by the NDA.

### ➤ Support for Pipeline Development

The current approved GGGI Readiness projects will result into a pipeline of 70 concept notes. The table below shows the distribution per country. Some of the concept notes have the theme identified. This pipeline will naturally be part of the green investments planning works and provide more avenues for climate finance to mobilize.

## GGGI: GCF PORTFOLIO

Country (Completion)	No. of concept notes	Sectors	National DAEs
Guyana (Jan 2020)	2	Energy (SAP - Linden Solar PV Grid-Tied; Wind Farm 25MW)	For nomination: Guyana Bank for Trade & Industry
Indonesia (Jun 2020)	5		Accredited: PT Sarana Multi Infrastruktur (PTSMI)
Jordan (July 2020)	8		Nominated: Cities and Villages Development Bank
Cambodia (Dec 2020)	1	E-mobility	
Mexico (Jan 2021)	1		Accredited: Fondo Mexicano para la Conservación de la Naturaleza A.C. (FMCN) Nominated: Banco Nacional de Obras y Servicios Públicos (BANOBRAS); Nacional Financiera, S.N.C. (NAFIN)
Myanmar (Jan 2021)	8	Green Cities	
Uganda (Jan 2021)	10		Nominated: Kampala Capital City Authority (KCCA); National Environment Management Authority of Uganda (NEMA); Uganda Development Bank (UDB)
Ethiopia (Feb 2021)	5	Energy, Irrigation, Agriculture, Water Supply	Accredited: Ministry of Finance and Economic Cooperation
Fiji (Apr 2021)	2		Accredited: Fiji Development Bank
Burkina Faso (June 2021)	4		Nominated: Environment Intervention Fund; Coris Bank International
Indonesia 2 (Jul 2021)	5		Accredited: PT Sarana Multi Infrastruktur (PTSMI)
Morocco (Jul 2021)	1		Accredited: Agency for Agricultural Development of Morocco (ADA_Morocco); CDG Capital S.A. (CDG_Capital)
Mozambique (Jul 2021)	4	Energy, Waste	Nominated: National Sustainable Development Fund (FNDS)
Philippines (Dec 2021)	6	Agriculture, Energy, Transport, Health, Ecosystem	Accredited: Landbank of the Philippines (Landbank)
Cote d'Ivoire (Dec 2021)	3		Nominated: Banque Nationale d'Investissement (BNI)
Rwanda NAP (Jan 2022)	5	Flood Mitigation and Landslide Prevention	Accredited: Ministry of Environment
<b>Total</b>	<b>70</b>		

### ➤ Support on Readiness to Access the GCF

GGGI entered into a strategic partnership through an MoU and Framework Agreement with the GCF in April 2017. GGGI's strong relationships with partner governments and in-country staff provides local economic, social and environmental insight and create a long-term platform for stakeholder engagement, capacity building and GCF funded project implementation.

To date, 25 countries have requested GGGI as Readiness Delivery Partner. Our teams on the ground have supported 20 of our government partners to access around USD 16 million in GCF approved readiness funding, five of which have been completed (for Lao PDR, Mongolia, Rwanda, Thailand and Vanuatu); and submitted over USD 9 million Readiness proposals.

Update for March 2020:

- New nominations - for Togo and Fiji NAP, proposals being developed
- New proposals - for Lao PDR and Vanuatu, to be submitted by 31 March 2020
- Multi-country approach - NDC Enhancement and Implementation, to be submitted by April 2020

## Pipeline of Readiness Proposals with GGGI as Delivery Partner



Approved	Submitted	Scoping
<ul style="list-style-type: none"> <li>• <b>*Vanuatu (\$370,000)</b>: National Green Energy Fund (NGEF) development</li> <li>• <b>*Mongolia (\$350,000)</b>: Mongolia Green Credit Fund (MGCF) development</li> <li>• <b>*Thailand (\$340,000)</b>: Advancing Thailand's Access to GCF by strengthening project evaluation and developing sectoral investment plan</li> <li>• <b>*Rwanda (\$600,000)</b>: Development of detailed master plan for secondary cities</li> <li>• <b>*Lao PDR (\$476,485)</b>: Developing concept notes for climate resilient cities in Laos, and engaging private sector</li> <li>• <b>Guyana (\$300,000)</b>: Enhancing Guyana's Access to GCF to Transition to Renewable Energy</li> <li>• <b>Papua New Guinea (\$677,427)</b>: Readiness support to strengthen PNG's engagement with GCF</li> <li>• <b>Jordan (\$660,000)</b>: Accreditation support and project preparation</li> <li>• <b>Indonesia (\$860,000)</b>: Strengthen NDA and Indonesia's engagement with the GCF</li> <li>• <b>Myanmar (\$850,220)</b>: Readiness Support for Developing Myanmar's Green Cities Investment Plans</li> <li>• <b>Ethiopia (\$827,203)</b>: Building the Project/Program development, coordination and delivery capacity of the NIE and strengthening Ethiopia's engagement with the GCF</li> <li>• <b>Uganda (\$700,593)</b>: Readiness Support to strengthen Uganda's engagement with the GCF</li> <li>• <b>Vanuatu (\$350,000)</b>: Mobilizing the Vanuatu Private Sector towards climate change action</li> <li>• <b>Mexico (\$798, 975)</b>: Readiness Support for Country Programming and Direct Access in Mexico</li> <li>• <b>Cambodia (\$204,673)</b>: Promoting Green Mobility through Electric Motorcycles in Cambodia</li> <li>• <b>Philippines (\$300,000)</b>: Readiness Support to Strengthen Philippines Capacity and Knowledge on Accessing GCF</li> <li>• <b>Fiji (\$1,000,000)</b>: Enhancing Access to Climate Finance in Fiji</li> <li>• <b>Philippines (\$700,000)</b>: Readiness Support to Strengthen Philippines' Engagement and Direct Access with the GCF</li> <li>• <b>Vanuatu (\$650,000)</b>: Enhancing Vanuatu's Ability to Seek Accreditation and Direct Access to the GCF</li> <li>• <b>Cote d'Ivoire (\$414,232)</b>: Supporting Direct Access in the Republic of Cote d'Ivoire</li> <li>• <b>Lao PDR (\$239,368)</b>: Enhancing NDA Capacity and Access to the GCF in Lao PDR</li> <li>• <b>Indonesia (\$998,258)</b>: Readiness Support for Strategic Climate Finance in Indonesia</li> <li>• <b>Mozambique (\$600,545)</b>: Implementing the NDC to promote low-carbon growth in Mozambique</li> <li>• <b>Burkina Faso (\$442,728)</b>: Support for accreditation of direct access entities, pipeline development and private sector mobilization in Burkina Faso</li> <li>• <b>Morocco (\$400,409)</b>: Enhancing Access to Climate Finance in Morocco's Regions</li> <li>• <b>Rwanda NAP (\$1,823,993)</b>: National Adaptation Readiness and Preparatory Support for Building Flood Resilience Capacities in Rwanda</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Ethiopia NAP (\$2,230,499)</b>: Building Capacity to Facilitate the Integration of the National Adaptation Planning Process in Ethiopia</li> <li>• <b>Sri Lanka NAP (\$2,977,453)</b>: Strengthen the Process and Capacity of Implementation of National Adaptation Plan of Sri Lanka</li> <li>• <b>Zambia (\$622,674)</b>: Strengthen the NDA and Zambia's Access to the GCF</li> <li>• <b>Rwanda (\$699,906)</b>: Readiness Support to Capacitate Rwanda's Subnational Level Actors in Green Growth and Climate Resilience</li> <li>• <b>Paraguay (\$500,00)</b>: Readiness Support for Paraguay's Enhanced Access to Climate Finance</li> <li>• <b>Guyana (\$498,930)</b>: Readiness Support for Strategic Climate Finance in Guyana</li> <li>• <b>Jordan (\$1,998,764)</b>: Preparing Jordan's NDA and DAE for Partnership in Climate Action through GCF Direct Access</li> </ul>	<ul style="list-style-type: none"> <li>Fiji (NAP)</li> <li>Malaysia (NAP)</li> <li>Vanuatu</li> <li>Lao PDR</li> <li>Togo</li> <li>Dominica</li> <li>Colombia</li> <li>Uganda</li> <li>Bahrain</li> <li>Kazakhstan</li> <li>Uzbekistan</li> <li>Angola</li> <li><i>NDC Enhancement &amp; Implementation</i></li> <li>Mongolia</li> <li>Sri Lanka</li> </ul>
<p><b>26 projects (21 active), 20 countries, USD 15.9M</b></p>	<p><b>7 proposals, 7 countries, USD 9.5M</b></p>	
<p><b>33 proposals, 24 countries, USD 25.4M</b></p>		<p><i>*Completed</i></p>