Global Green Growth Institute

GCF Portfolio Report

as of 30 March 2022

GGGI-GCF Partnership

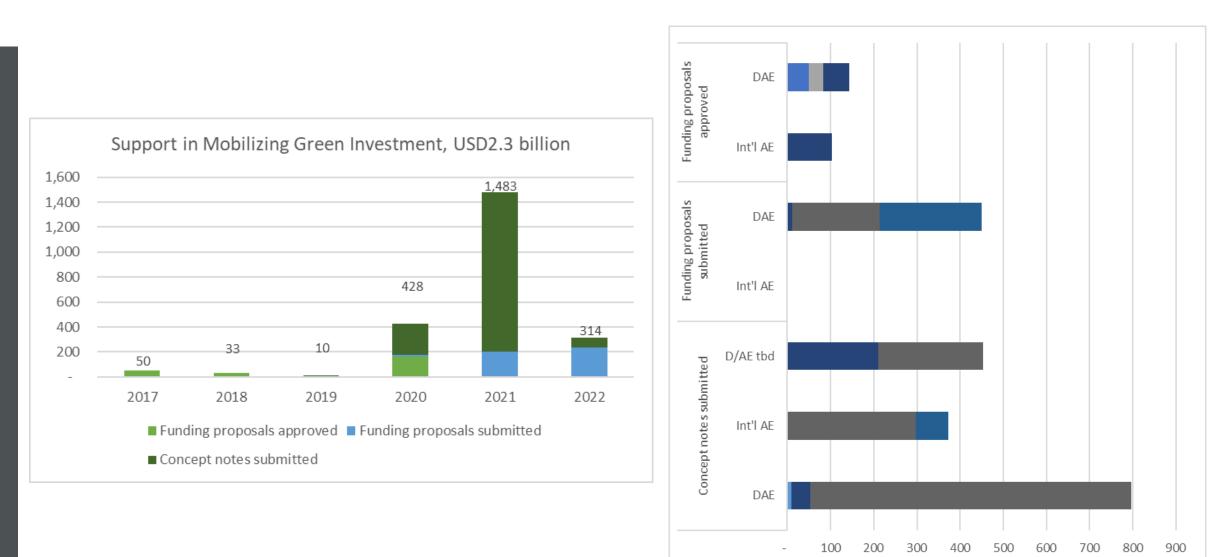




• As part of its mandate, GGGI helped mobilize over USD7 billion in green investments and climate finance in developing countries. GGGI has done so by supporting countries to tap into finance from diverse sources, including bilateral aid, multilateral development banks, and the private sector. One critical source of climate finance is the Green Climate Fund (GCF).

- GGGI and GCF signed a Framework Readiness and Preparatory Support Grant Agreement in 2017. Under this strategic partnership, GGGI acts as the Readiness Delivery Partner and supports its member countries to access GCF financing.
- 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. GGGI also works with partner governments to develop concept notes and funding proposals for submission to GCF.

 30 countries have requested GGGI as Readiness Delivery Partner. GGGI supported 26 of our government partners to access over USD 34 million in GCF approved Readiness funding and in addition, submitted over USD 17 million Readiness proposals.



■ 2017 ■ 2018 ■ 2019 ■ 2020 ■ 2021 ■ 2022

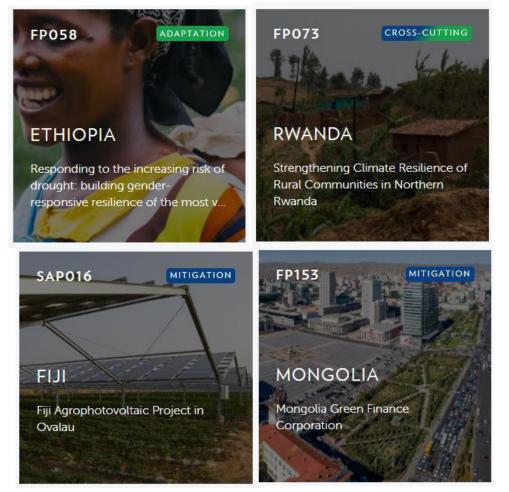


Support for GCF funding proposal development

For countries to access climate finance from the GCF, GGGI supports the development of funding proposals:

- five of which worth USD247 million have already been approved (for Ethiopia, Fiji, Indonesia, Mongolia and Rwanda); and
- three in the GCF pipeline (for Peru, Indonesia, and regional for SE Asia Cambodia, Laos, Thailand, Philippines and Vietnam).

GGGI has also supported the development of concept notes for Burkina Faso, Cote d'Ivoire, Fiji, Guyana, Indonesia, Jordan, Lao PDR, Mexico, Nepal, Philippines, Rwanda and Vanuatu. In most of these projects, GGGI works with national direct access entities. The total value of these projects is over USD 1 billion.



GGGI supports **national** accredited entities on funding proposal development to access GCF funding: USD 143 million approved, with Ethiopia's Ministry of Finance and Economic Cooperation; Rwanda's Ministry of Environment; Fiji Development Bank; Mongolia's XacBank LLC

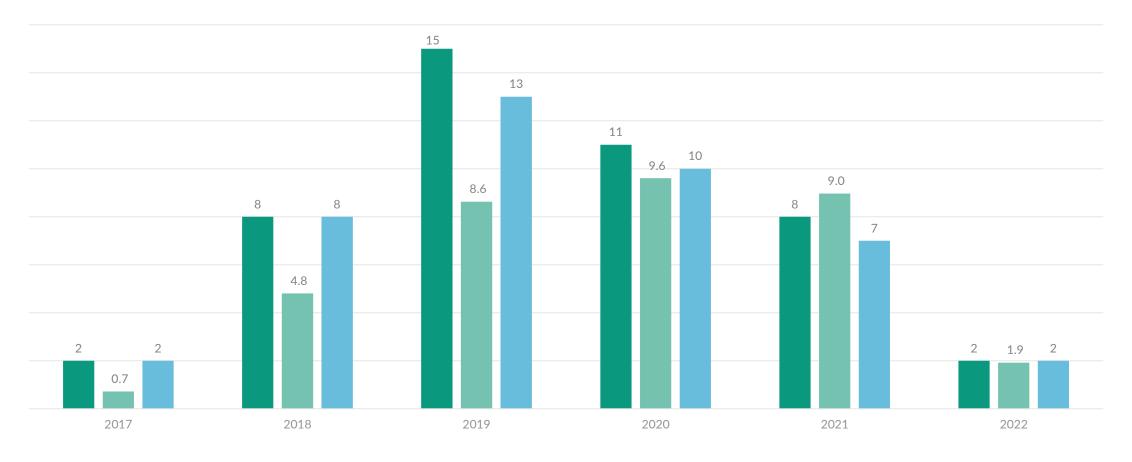
Country	Project Title	Status	Accredited Entity	Total Investment (USD million)	GCF Financing (USD million
thiopia	Responding to the Increasing Risk of Drought: Building Gender-responsive Resilience of the Most Vulnerable Communities (FP58)	Funding proposal (FP) Approved (Oct 2017)	Ministry of Finance and Economic Cooperation	(USD million) 50	(USD million) 45
Rwanda	Strengthening climate resilience of rural communities in Northern Rwanda (FP73)	FP Approved (Mar 2018)	Ministry of Environment (MoE)	33	33
iji	Fiji AgroPhotovoltaic Project in Ovalau (SAP016)	FP Approved (Aug 2020)	Fiji Development Bank (FDB)	10	
ndonesia	Indonesia REDD+ Results Based Payments for Results Period 2014-2016 (FP130)	FP Approved (Aug 2020)	United Nations Development	104	104
			Programme (UNDP)		
Mongolia	Mongolia Green Finance Corporation (FP153)	FP Approved (Nov 2020)	XacBank LLC	50	27
Cambodia, Indonesia, Laos, Philippines	Collaborative R&DB Programme for Promoting the Innovation of Climate Technopreneurship	FP submitted (Feb 2022)	Korea Development Bank (KDB)	237	113
Peru	Peruvian Amazon Eco Bio Business Facility (Amazon EBBF)	FP Submitted (Aug 2020)	Peruvian Trust Fund for National	11	1
ndonesia	Supporting Innovative Mechanisms for Industrial Energy Efficiency Financing in Indonesia with Lessons for Replication in other ASEAN Member States ¹	FP submitted (Aug 2021)	Korea Development Bank (KDB)	202	135
Indonesia	Green Hybrid Minigrid for Remote Areas in Indonesia ¹	Concept note (CN) Resubmitted (2021)	PT Sarana Multi Infrastruktur	21	17
ndonesia	Catalyzing Investment to Reduce Emissions from Degraded Wetlands and Increase Ecosystem and Community Resilience in Berbak-Sembilang Landscape, Indonesia	CN Resubmitted (Feb 2022)	International Union for Conservation of Nature (IUCN)	77	50
Indonesia	Land-based mitigation and adaptation through a Jurisdictional Approach in West Kalimantan ¹			97	57
ndonesia	Advancing Adaptation Finance Facility (AFF) to Highly Vulnerable Communities in Central and Eastern Parts of Indonesia			10	1
Nepal	nhancing energy access by generating energy from the waste for mitigating climate CN Submitted (Dec 2020) Alternative Energy Promotion		Alternative Energy Promotion Centre (AEPC)	44	24
Fiji	Transforming Fiji Buses to Electric (Phase I)	CN Submitted (Aug 2019)	Fiji Development Bank (FDB)	10	
/anuatu	Leveraging the National Green Energy Fund (NGEF) to Achieve Rural Electrification CN Resubmitted (Aug 2021) Pacific Secretariat in Vanuatu ¹		Pacific Secretariat	20	1
Côte d'Ivoire	Women-Adapt: Enhancing women smallholder farmers' adaptive capacity and scaling up climate-resilient food production systems in Côte d'Ivoire ¹	CN Resubmitted (May 2021)	World Food Programme	10	
Côte d'Ivoire	Promote an integrated, sustainable and low-emission transport system in Cote d'Ivoire and reduce fossil fuel consumption, greenhouse gas emissions, and air pollution in the transport sector ¹	nable and low-emission transport system in CoteCN and PPF SubmittedWest African Development Bankconsumption, greenhouse gas emissions, and air(Jun 2021)(BOAD)		241	19(
Côte d'Ivoire	National Financial Vehicle for Green Energy Projects ¹	CN Submitted (Jul 2021)	African Development Bank (AfDB)	126	2
Burkina Faso	200 Climate-Smart Ecovillage Projects in Burkina Faso ¹	CN Submitted (Jul 2021)	West African Development Bank (BOAD)	70	50
Burkina Faso	Promoting Low-carbon Technologies and the Rational Use of Tree for Medicinal and Energy Purposes in the Hauts-Bassins and Cascades Regions of Burkina Faso ¹	CN Submitted (Jul 2021)	Environment Intervention Fund	9	
Burkina Faso	Private Sector Financing for Resilience and Carbon Reduction Program in Burkina Faso ¹	CN Submitted (Jul 2021)	Coris Bank International	71	5
Burkina Faso	Improving Women's Resilience in the Shea Sector through Improved Adaptation and Sustainable Management of Shea Parks ¹	CN Submitted (Jul 2021)	United Nations Industrial Development Organization (UNIDO)	54	3
lordan	Catalyzing sustainable tourism transport in Jordan through introduction of electric buses around the Petra UNESCO World Heritage Site and surrounding villages ¹	CN Submitted (Jul 2021)	United Nations Industrial Development Organization (UNIDO)	10	
Vexico	Energy Efficiency Promotion Programme for MSMEs ¹	CN Submitted (Oct 2021) Nacional Financiera SNC (NAFIN)		50	5
Vexico	Federal Support Program for Financing Electric Mass Transportation (EMT Programme) ¹	CN Submitted (Oct 2021)	Banco Nacional de Obras y Servicios Públicos, SNC (BANOBRAS)	250	9(
Guyana	Sustainable Climate Financing for Guyana ¹	CN Submitted (Jul 2020)	To be determined	147	6
Guyana	Hope Beach Wind Farm ¹	CN Submitted (Jul 2020)	To be determined	47	10
Guyana	Economies of Utility Scale Renewables in Hard to Tackle Markets ¹	CN Submitted (Jul 2020)	To be determined	16	
ordan	Enhancing Water Security and Access to WASH Services in Public Schools in Jordan	CN Submitted (Jul 2021)	To be determined	6	
	through Climate - Resilient Technology and Innovation Promotions ¹			Ĵ	
ordan	Electrical Buses Project (Irbid and Zarqa) ¹	CN Submitted (Jan 2021)	To be determined	80	4
ordan	Support of resource efficiency in the food processing sector and climate change mitigation and adaptation action by farmers ¹	CN Submitted (Jan 2021)	To be determined	87	4
lordan	Resource Efficiency and Cleaner Production Fund ¹	CN Submitted (Jul 2021)	To be determined	30	1
Vanuatu	Inter-island agribusiness opportunities improve livelihoods and build resilience of	CN Submitted (Jan 2021)	To be determined	16	1
Vanuatu	vulnerable communities most at risk to climate change ¹	CN Submitted (Ice 2024)	To be determined		
Vanuatu	Improved energy efficiency and climate resiliency in the shipping sector ¹	CN Submitted (Jan 2021)	To be determined	24	2:

GCF Portfolio: Pipeline of Concept Notes and Ongoing Support to National DAEs

Country (Completion)	No. of concept notes	Sectors	Potential/National DAEs	Ongoing Support to National DAEs
Mozambique (Apr 2022)	4	Energy, Waste	Nominated: National Sustainable Development Fund (FNDS)	FNDS Gender Policy & Gender Action Plan, Project Assessment Manual
Fiji (Apr 2022)	2		To be nominated: Ministry of Economy (MoE) Accredited: Fiji Development Bank (FDB)	MoE nomination, gap assessment and action plan, accreditation application; FDB capacity and policy improvement
Lao PDR (May 2022)	1	Energy efficiency		
Colombia (May 2022)	1		Nominated: FINAGRO (Fondo para el Financiamiento del Sector Agropecuario) Accredited: Findeter (Financiera De Desarrollo Territorial S.A.); Fondo para la Acción Ambiental y la Niñez (FondoAccion)	FINAGRO gap assessment and action plan, accreditation application
Ethiopia (CRR-1 Jun 2022, NAP-3 May 2024)	4		Accredited: Ministry of Finance and Economic Cooperation (MoFEC)	MoFEC accreditation upgrade to medium/large size projects
Paraguay (Jun 2022)	2	Across energy efficiency, SWM, transportation		Selection and nomination
Togo (Jun 2022)	2	Agribusiness, infrastructure, health		Selection and nomination
Guyana (Jun 2022)	2		Selected: Guyana Bank for Trade & Industry; Institute of Private Enterprise Development	Selection and draft nomination
Dominica (Dec 2022)	1	NFV		
Morocco (Jan 2023)	1	NFV	Accredited: Agency for Agricultural Development of Morocco (ADA Morocco); CDG Capital S.A. (CDG Capital)	
Saint Lucia (Apr 2023)	1	Green housing		
Philippines (Aug 2024)		Health, Ecosystem	Accreditation application ongoing: Foundation for the Philippine Environment (FPE) Accredited: Landbank of the Philippines (Landbank); Development Bank of the Philippines (DBP)	Landbank, DBP and FPE policy development and capacity building
Cote d'Ivoire (Dec 2023)	1	NFV	Nominated: Banque Nationale d'Investissement (BNI)	BNI Stage I accreditation supported
Mexico (Dec 2024)	2	marine ecosystems	Nominated: Banco Nacional de Obras y Servicios Públicos (BANOBRAS) Accredited: Fondo Mexicano para la Conservación de la Naturaleza A.C. (FMCN); Nacional Financiera, S.N.C. (NAFIN)	BANOBRAS Stage II accreditation supported
Mongolia (Dec 2024)	2		Accredited: Xac Bank, Trade and Development Bank of Mongolia	
TOTAL	32			



Approved GCF Readiness Support Funding, 26 countries, USD34.6 million



■ No. of proposals ■ Amount (USD, million)

No. of countries supported

GCF Portfolio: Readiness Support with GGGI as Delivery Partner

Approved	Submitted
 Completed Vanuatu (\$370,000): National Green Energy Fund (NGEF) development Mongola (\$350,000): Mongola Green Credit Fund (MGCF) development Thailand (\$340,000): Advancing Thailand S Access to GCF to transition to Rwanda (\$300,000): Developing concept notes for climate resilent cities in Loss, and engaging private sector Guyana (\$300,000): Enhancing GUYA27; Readiness support to strengthen Philippines' Engagement and Direct Access of Buyana (\$300,000): Enhancing GUYA27; Readiness support to strengthen Philippines' Engagement and Direct Access of Buyana (\$300,000): Enhancing GUYA27; Readiness support to strengthen Philippines' Engagement and Direct Access of Guyana (\$300,000): Strengthen NDA and Indonesia's engagement with GCF Indonesia (\$860,000): Strengthen NDA and Indonesia's engagement with GCF Indonesia (\$300,300): Strengthen NDA and Indonesia's engagement with GCF Indonesia (\$204,6731; Promoting Green Mobility through Electric Motorcycles in Cambodia Burkina Faso (\$422,723]: Promoting Green Mobility through Electric Motorcycles in Cambodia Burkina Faso (\$422,723]: Support for carcellation on discustor of thereat score and builty through Electric Motorcycles in Cambodia Burkina Faso (\$422,723]: Promoting Green Mobility through Electric Motorcycles in Cambodia Guyana (\$230,000): Resiltent Electric Motorcycles in Cambodia Burkina Faso (\$42,732]: Support for to carcellation on direct access en the Repuisition (\$412,232]; Support for to carcellation and direct access en the Repuisition (\$412,232]; Support for to carcellation faso Carbodia Guyana (\$230,000): Resiltent Electric Motorcycles in Carbodia Guyana (\$230,000): Resilte	 Fiji NAP (\$1,501,096): Mainstreaming Adaptation Planning at the Local Level in Fiji Uganda (\$2,713,482): Readiness and Preparatory Support to Consolidate the Institutionalization of Climate Finance Mobilization in Uganda Thailand (\$450,000): Readiness Support for Direct Access in Thailand (\$450,000): Readiness Support for Dominican Republic (\$2,750,687): Mobilizing International Climate Finance and Private Investments for Low-Carbon Development in the Dominican Republic Paraguay (\$997,111): Mitigating Emissions and Reducing Air Pollution in Paraguay through Accreditation Support and Development of Air Quality Strategic Frameworks Indonesia (\$2,501,673): Enhancing Indonesia's Access to International Climate Finance and Private Sector Investments for Climate Actions Lao PDR (\$300,000): Support for Mainstreaming Climate Change Adaptation into Sectoral Planning in Lao PDR Fiji (\$900,000): Enhancing Direct Access to Climate Finance in Fiji – Phase 2 Ethiopia (\$700,000): Support for the Establishment of No-Objection Procedure, Development at County Programme and

46 projects, 26 countries, USD 34.6M

12 proposals, 10 countries, USD 17.1M

58 proposals, USD 51.7M, 29 countries (+DR Congo at scoping stage)

GCF Portfolio: Completed Readiness Support Results

Country	Project Title	Summary of Results (Outcomes)
Vanuatu	National Green Energy Fund	To contribute to SO1. Reduced GHG emission. Supported NFV development - the National Green Energy Fund (NGEF) - to leverage private capital to spur public and private sector investments in renewable energy and energy efficiency investments. Towards achieving Vanuatu's NDC target of 100% electrification for all, generated by renewable energy sources. Project concept note for NGEF submitted to GCF.
Mongolia		To contribute to SO1. Reduced GHG emission. Supported NFV development - the Mongolia Green Finance Corporation - as a market instrument to mobilize private financing to help reach the GHG reduction targets defined in Mongolia's NDCs. Project concept note submitted to GCF with PPF approved, with national accredited entity Xacbank.
Thailand		To contribute to SO1. Reduced GHG emission. Developed a green investment plan for the country's food industry, which is one of the highest energy consumers and GHG emitters, aiming to enhance the industry's competitiveness, reduce GHG emissions and ensure sustainable development.
Rwanda	Development Projects In Pwanda's Secondary Cities	To contribute to SO1. Reduced GHG emission and SO6 Enhanced adaptation to climate change. Developed project pipeline for green secondary cities and eco-industrial parks development. Project concept notes prepared with national accredited entity, the Ministry of Environment on enhancing investment in competitive, low emission and climate resilient eco-industrial parks; climate mitigation and adaptation strategies in Nyagatare, Muhanga and Huye through integration of urban and peri-urban agroforestry; and building integrated green, resilient and inclusive urban neighborhoods.
Papua New Guinea	Readiness Support to Strengthen PNG's Engagement with the GCF	Enhanced access to GCF through the development of the Country Programme and NDA capacity strengthening.
Lao PDR	Enhance Green Finance in the Areas of Green Cities in Lao PDR	To contribute to SO6 Enhanced adaptation to climate change. Developed project pipeline for green city development concept notes prepared for mainstreaming climate change considerations and actions into urban management and planning with focus on investment and infrastructure and reducing the vulnerability to climate change of the population of cities in Lao PDR through the improvement of flood management and adoption of climate-resilient buildings technologies and practices. - Yet to complete an assessment report and workshop with private sector on mobilizing green finance. Request for partial cancellation and closing submitted to GCF.
Guyana	Enhancing Guyana's Access to GCF to Transition to Renewable Energy	To contribute to SO3 Increased access to sustainable services. Developed potential utility scale renewable energy projects for PPP and GCF funding. Concept notes prepared include different technologies (energy efficiency measures, solar PV on-grid and off-grid, hydro, wind and biomass projects) and different business models (Government owned, PPP, private driven projects or ESCo).
Indonesia	Strengthen the NDA and Indonesia's engagement with the GCF	To contribute to SO1. Reduced GHG emission. 1. Supporting Innovative Mechanisms for Industrial Energy Efficiency Financing in Indonesia with Lessons for Replication in other ASEAN Member States, with KBD; and 2. Emissions Reductions through a Jurisdictional Approach to Forest and Land Management in West Kalimantan, with GIZ - concept notes submitted to GCF. To contribute to SO3 Increased access to sustainable services. 3. Green Hybrid Microgrids for Small Islands in Indonesia, with PTMSI, developed and submitted to GCF. - Only 3 of target 5 concept notes were submitted to GCF; 2 planned for submission in Q1 2021.

GCF Portfolio: Completed Readiness Support Results

Country	Project Title	Summary of Results (Outcomes)
Jordan	Improving Jordan's Readiness to Access Finance for Climate Change and Green Growth in Jordan	To contribute to SO1. Reduced GHG emission and SO3 Increased access to sustainable services. Developed project concept notes for Amman Terminal Linkage and BRT Electrification; Renewable Desalination of Seawater at the Gulf of Aqaba; Electrical Buses Project (Irbid and Zarqa); Pumped Storage Hydropower Plant in Mujib Dam; Reducing the environmental impact of Solid Waste Management (SWM) in Jordan; and Implementation of Wastewater Treatment Plants in Jordan. To contribute to SO6. Enhanced adaptation to climate change. Developed project concept notes on Improving the efficiency of irrigation water use in irrigated agriculture among vulnerable groups using hydroponic technology; and Support of resource efficiency in the food processing sector and climate change mitigation and adaptation action by farmers.
Vanuatu	Mobilizing the Vanuatu Private Sector Towards Climate Change Action	To contribute to SO1. Reduced GHG emission and SO6. Enhanced adaptation to climate change. Developed concept notes on 1. Improved energy efficiency and climate resiliency in the shipping sector and 2. Inter-island agribusiness opportunities improve livelihoods and build resilience of vulnerable communities most at risk to climate change. Supported Business Resiliency through capacity building/trainings.
Cambodia	Promoting Green Mobility through Electric Motorcycles in Cambodia	To contribute to SO1. Reduced GHG emission. Developed the concept on Promoting Green Mobility Through Electric Motorcycles in Cambodia with market, policy, technical, economic, environmental and social assessments.
Cote d'Ivoire	Supporting Direct Access in the Republic of Cote d'Ivoire	To contribute to SO1. Reduced GHG emission. Developed concept notes to 1. Promote an integrated, sustainable and low-emission transport system in Cote d'Ivoire and reduce fossil fuel consumption, greenhouse gas emissions, and air pollution in the transport sector, with BOAD; and 2. National Financial Vehicle for Green Energy Projects, with AfDB. To contribute to SO6. Enhanced adaptation to climate change. Developed concept note Women-Adapt: Enhancing the climate change adaptive capacity of smallholder farmer communities in Poro Region, focusing on vulnerable women and youths, with WFP.
Burkina Faso	Support for accreditation of direct access entities, pipeline development and private sector mobilization in Burkina Faso	To contribute to SO1. Reduced GHG emission. Developed concept notes on 1. Private Sector Financing for Resilience and Carbon Reduction Program in Burkina Faso, with CBI; 2. Promoting Low- carbon Technologies and the Rational Use of Tree for Medicinal and Energy Purposes in the Hauts-Bassins and Cascades Regions of Burkina Faso, with FIE; and 3. 200 Climate-Smart Ecovillage Projects in Burkina Faso, with BOAD. To contribute to SO6. Enhanced adaptation to climate change. Developed concept note on Improving Women's Resilience in the Shea Sector through Improved Adaptation and Sustainable Management of Shea Parks, with UNIDO
		Nacional Financiera SNC (NAFIN)/national DAE accreditation, and Banco Nacional de Obras y Servicios Públicos, SNC (BANOBRAS) accreditation application. Mexico's No-ObjectionProcedure and GCF Country Programme developed. To contribute to SO1. Reduced GHG emission. Developed concept notes on 1. Federal Support Program for Financing Electric Mass Transportation, with BANOBRAS; and 2. Energy efficiency promotion Programme for MSMEs, with NAFIN.
Uganda	Readiness Support to strengthen Uganda's engagement with the GCF	Kampala Capital City Authority (KCCA), National Environment Management Authority (NEMA) and Uganda Development Bank Limited (UDBL) accreditation application. Uganda's No-ObjectionProcedure and updated GCF Country Programme developed. To contribute to SO1. Reduced GHG emission and SO6. Enhanced adaptation to climate change. Supported the development of pipeline of projects through call for concept notes focusing on CSA, RE, ecosystem-based adaptation, waste management, climate-smart water supply and sanitation, community and livelihood resiliency.



GGGI-GCF Partnership

- GGGI's GCF Portfolio Report: <u>https://gggi.org/global-program/gggi-gcf-portfolio/</u>
- GGGI-GCF Strategic Partnerships joint publication: <u>https://www.greenclimate.fund/document/enhancing-access-</u> <u>climate-finance-through-readiness-support</u>
- GCF Annual Results Report 2020, page 34: <u>https://www.greenclimate.fund/sites/default/files/document/gcf-annual-results-report-2020_0.pdf</u>