

General Information

Fund	MPTF_00300: Infrastructure Resilience Accelerator Fund (IRAF)					
FMP Record	MPTF_00300_00020: "Towards developing strategic sustainable integrated national drainage and systems in Guyana"					
MPTFO Project Id	0014601					
Start Date	01-Jan-2024					
End Date	01-Jan-2026					
Applicants	Status	Contact Type	Name	e-mail	Position	Telephone
	Active: 15-Jun-2023 11:16:00 AM	Project Manager	Ronald Cumberbatch	ronald.cumberbatch@gggi.org		
Signatories	Signature Process	Role	Name of Organization	Name	User Email	
	Digital	Signatory	Global Green Growth Institute (GGGI), Assistant Director General Head of Operations.	Mr Gerard O'Donoghue	gerard.odonoghue@gggi.org	
	Digital	Signatory	CDRI, Director General	Mr Amit Prothi	amit.prothi@cdri.world	
	Digital	Signatory	UNDP, Head Disaster Risk Reduction and Resilience team, TFMC Co-Chair	Mr Ronald Jackson	ronald.jackson@undp.org	
	Digital	Signatory	National Drainage and Irrigation Authority, Ministry of Agriculture, Guyana	Mr Lionel Wordsworth	lio@workmail.com	
Contacts	Contact Type	Name	e-mail	Position	Additional e-mail	Telephone
	Focal Point	Lionel Wordsworth	lio@workmail.com	Chairman of the Board of Directors		
	Focal Point	Rudolph Persaud	persaud_rudolph@yahoo.com	Hydraulic Engineer		
	Focal Point	Michael Bak	michael.bak@gggi.org	Senior Analyst, Adaptation and Resilience Climate Action and Inclusive Development unit (CAID)		
Description	<p>As a Small Island Developing State (SIDS) Guyana has been heavily impacted by increasing climate change. Given the topography of the country, these extreme events have caused significant flooding of coastal areas.</p> <p>Recent flooding events in 2005 and 2021 have caused floods resulting in serious economic and impacts and significant damage to both public and private assets. The resulting damages have been estimated at USD 50 million. Urban infrastructure has suffered considerably and is expected to further degrade as extreme weather events are becoming more frequent.</p> <p>The objective of this project "Towards developing strategic sustainable integrated national drainage and irrigation systems in Guyana is to strengthen the adaptive capacity, and the reduce exposure to extreme weather events of vulnerable communities, infrastructure, and the built environment along Guyana's coast.</p> <p>The project represents a continuation of the GoG's efforts in operationalizing a comprehensive flood management solution. It has three major outputs: that will provide (a) Assessments and mechanisms in place for an integrated approach to reduce vulnerability towards flood-related risks (b) include Nature based solutions and develop the capacity of key technical staff . IRIS resources would be used to address a number of key technical issues including infrastructure; capacity and information-based barriers to enhancing the effectiveness of flood management systems. The primary direct beneficiaries include approximately 675,000 people in five administrative regions located along Guyana's coast.</p>					
Universal Markers	Gender Equality Marker	Risk				
	<ul style="list-style-type: none"> GEM1 - The Key Activity contributes to GEWE in a limited way 	<ul style="list-style-type: none"> Low Risk 				
Optional Markers	Small Island Developing States (SIDS)					

Fund Specific Markers	THEMATIC FOCUS	Themes <ul style="list-style-type: none"> KNOWLEDGE, RESEARCH, INNOVATION TRAINING, PEER LEARNING, SCHOLARSHIPS, FELLOWSHIPS, CAPACITY BUILDING SERVICES GOVERNANCE SYSTEMS (POLICIES, STANDARDS, SOPs, GUIDELINES, PLANS, INSTITUTIONS) 		
	GEOGRAPHICAL WINDOWS	Gorgraphical Funding windows <ul style="list-style-type: none"> Small Island Developing States 		
	SECTORAL FOCUS	SECTORS <ul style="list-style-type: none"> Water & Sanitation, drainage 		
	ELIGIBILITY TO RECEIVE IRAF FUNDING: Legal Registration; Fiduciary risks (HR, procurement, accounting, audit); Protection from sexual exploitation, abuse and harassment;	ELIGIBILITY CRITERIA - SELECT RELEVANT CRITERIA APPLYING TO YOUR ORGANIZATION - OR SELECT ALL (UN ORGANIZATIONS : SELECT n/a) <ul style="list-style-type: none"> LEGAL REGISTRATION: Your organization has a current and valid legal registration document, or evidence that demonstrates that such registration is possible. Procurement: Your organization has a procedure manual for procurement of goods and services Procurement: Your organization has a procurement department responsible for all procurement of goods and services Accounting: Your organization has an accounting department Audit: Your organization commissions regular Financial Audits SEAH: Your organization has an organizational policy to protect from sexual exploitation, abuse and harassment (staff training, established procedures following a report, victim assistance; or your organization is in the process of establishing such policy All seven (7) eligibility requirements met 		
	Accreditation with other funding mechanisms	ACCREDITATION - SELECT RELEVANT ACCREDITATION APPLYING TO YOUR ORGANIZATION <ul style="list-style-type: none"> Your organization has already been accredited to one of the following funds: Green Climate Fund, Global Environment Facility, Adaptation Fund, Global Fund, or evidence of European Union pillar assessments and other donor assessments 		
Geographical Scope	Geographical Scope	Name of the Region	Region(s)	Country
	<ul style="list-style-type: none"> Country 		<ul style="list-style-type: none"> Americas 	<ul style="list-style-type: none"> Guyana
Participating Organizations and their Implementing Partners	Participating Organizations	Government/ Multilateral/ NGO/ Other	New Entities	Implementing Partners
			<ul style="list-style-type: none"> GGGI - Global Green Growth Institute 	
Programme and Project Cost	Participating Organization	Amount (in USD)	Comments	
	Budget Requested			
	GGGI	\$499,947.00		
	Total Budget Requested	\$499,947.00		
	Tranches			
	Tranche 1		Tranche 2	
	GGGI (20%)	\$99,989.40	GGGI (50%)	\$249,973.50
	Total:	\$99,989.40	Total:	\$249,973.50
	Tranche 3			
	GGGI (30%)	\$149,984.10		
	Total:	\$149,984.10		
	Other Sources (Parallel Funding)			
	GGGI			
Total	\$499,947.00			
Thematic Keywords	<ul style="list-style-type: none"> Nature Based Solutions Innovation 			
Programme Duration	Anticipated Start Date	01-Jan-2024		
	Duration (In months)	24		
	Anticipated End Date	01-Jan-2026		

Narratives

Title	Text
No data available.	

SDG Targets

Target	Description
No data available.	

SDG Indicators

Indicator Code	Description
C110502	11.5.2 Direct economic loss in relation to global GDP, damage to critical infrastructure and number of disruptions to basic services, attributed to disasters

Contribution to SDGs

Participating Organization	% TARGET_11 .5	% TARGET_9. a	% TARGET_13 .1	% TARGET_5. 5	% TARGET_11 .a	% TARGET_13 .2	% TARGET_9. 1	% TARGET_11. b	% TARGET_13. b	% Total
GGGI	5	10	5	10	5	5	5	10	45	100
Total contribution by target	5	10	5	10	5	5	5	10	45	
Project contribution to SDG by target	5	10	5	10	5	5	5	10	45	100

List of documents

Document	Document Type	Document Source	Document Abstract	Document Date	Classification	Featured	Status	Modified By	Modified On
No data available.									

Project Results

Outcome	Output	Description
IRAF OUTCOME 3 - Countries have increased access to knowledge and resources to increase the resilience and inclusivity of their existing and future critical infrastructure systems by 2030		CDRI offers direct technical assistance and grants to countries to develop and adopt enhanced disaster resilient and inclusive standards and practices for infrastructure system development through direct calls for proposals, access to relevant knowledge products and solutions meant to address specific geographical or sectoral vulnerabilities, and advisory services.
	Technical studies on the integration of resilience, NbS and GESI into D&I systems in Guyana.	Studies to be conducted on how NbS and GESI could be integrated into the design and implementation of D&I systems in Guyana

Outcome	Output		Description		
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 1.1.1 – A study on resilient D&I systems in Guyana.		GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage Irrigation Authority Department of Environment and Climate Change, Office of the President
	Activity 1.1.2 – A study of potential NbS integration into D&I systems and opportunities for green-grey infrastructure.		GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage Irrigation Authority Department of Environment and Climate Change, Office of the President Ministry of Public Works
	Activity 1.1.3 – A study of gender equality and social Inclusion (GESI) in D&I systems and potential improvements towards prioritized promotion of gender equality.		GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage Irrigation Authority Department of Environment and Climate Change, Office of the President
	Project output 1.2: D&I strategic planning for coastal resilience with Integrated Strategy for Drainage and Irrigation (ISDI) developed.		Strategic planning exercise to design and integrated strategy for drainage and irrigation is designed along with a costed plan		

Outcome	Output		Description		
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 1.2.1 – First strategic planning workshop with key stakeholders targeting 50% women participation to outline strategic priorities and begin drafting a strategic plan. Results and recommendations from technical studies under activities 1.1.1 to 1.	Initial workshop to commence drafting the strategic plan	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority Department of Environment and Climate Change
	Activity 1.2.2- Draft strategic plan with cost.	Advance drafting the strategic plan and include costed actions	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority Department of Environment and Climate Change Ministry of Finance
	Activity 1.2.3 - Second strategic planning workshop to review and finalize strategy objectives.		GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority Department of Environment and Climate Change Ministry of Finance
	Activity 1.2.4 – Finalization of ISDI document.	Agree with stakeholders on strategy and costed plan	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority Department of Environment and Climate Change Ministry of Finance
	Project output 1.3: Design of prioritized NbS projects.		Project proposals that prioritize NbS integrated solutions are designed		

Outcome	Output		Description		
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 1.3.1 - Design of a prioritization process for resilience projects, in line with the priorities in the ISDI (output 1.2).	projects are categorized and prioritized using a strategic resilience system	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority Department of Environment and Climate Change, OP
	Activity 1.3.2 – Conduct of pre-feasibility studies, technical assessment of two proposed NbS projects.	Assessments performed for two of the prioritized projects	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority Department of Environment and Climate Change, OP
	Project output 2.1: Knowledge products for local stakeholders and project results dissemination		Knowledge creation would be undertaken to share knowledge about the project and its results		
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 2.1.1 Develop communication materials for local stakeholders and to support project implementation.	Communication materials would be prepared as part of knowledge creation and management regarding the project and its interventions	GGGI - Global Green Growth Institute		Ministry of Agriculture National Drainage and Irrigation Authority National Agriculture Research and Extension Institute Department of Climate Change, Office of the President Department of Public Information
	Activity 2.1.2 Develop communication materials with results from the project.	Case studies to showcase the project results	GGGI - Global Green Growth Institute		Ministry of Agriculture National Drainage and Irrigation Authority National Agriculture Research and Extension Institute Department of Climate Change, Office of the President Department of Public Information
	Project output 2.2: Project outreach and knowledge sharing initiatives.		Knowledge management to communicate to a wider stakeholder grouping of the project interventions		

Outcome	Output		Description		
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 2.2.1 At least 2 webinars for wider dissemination of learnings, outcomes, and impact of the project.	Knowledge sharing sessions and awareness events to be facilitated to transmit project lessons learned, takeaways and project results	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority Department of Environment and Climate Change, OP University of Guyana
	Project output 1.4: NDIA engineers and staff with capability to design with resilience and NbS approaches strengthen NDIA's institutional capacity		Capacity developed in NDIA, MoA, NAREI to design for flood management with resilience and NbS.		
	Activities				
	Title	Description	Lead Participating Organization	Participating Organization	Other Organizations
	Activity 1.4.1: Conduct a needs and capacity assessment of NDIA staff.	an assessment will be undertaken to determine specific capacity requirements.	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority
	Activity 1.4.2: Prepare human capacity development plan for NDIA.	Tailored and responsive capacity development plan is designed	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority
	Activity 1.4.3: Provision of resilience flood risk online courses for NDIA staff.	Bespoke training provided for identified NDIA staff	GGGI - Global Green Growth Institute		Ministry of Agriculture National Agriculture Research and Extension Institute National Drainage and Irrigation Authority

Signature Indicators

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
No signature indicators available.												

Imported Fund Outcome / Output Indicators

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
IRAF OUTCOME 2 INDICATOR 2 (access to capacity building)		Increase in Nb. of beneficiaries of capacity building opportunities through training, peer learning, certification, academic network including women	CDRI IRAF annual report section on gender disaggregated statistics for participants in training, peer learning, certification, academic network and registered users of DRI Connect platform	Capacity	Yearly	Global	Number	xx	2022	85'000 people have used CDRI generated knowledge products (reports, research papers, publications, blogs, articles, videos, podcasts) including registered users of DRI Connect Platform	2027	
IRAF OUTPUT 2.2 - INDICATOR 2 (access)		Nb. of training, peer learning visits, scholarships, interships, fellowships offered to men and women	CDRI Public website & DRI Connect platform	Capacity	Yearly	Global	Number	0	2022	50 training and capacity building modules developed, 30 scholarships, 30 interships, 5 cohorts of fellows	2027	
IRAF OUTCOME 2 - INDICATOR		Increase in Nb. of beneficiaries of capacity building opportunities through training, peer learning, certification, academic network including women	CDRI IRAF annual report section on gender disaggregated statistics for participants in training, peer learning, certification, academic network and registered users of DRI Connect platform	Capacity	Yearly	Global	Number	2061 beneficiaries of capacity building opportunities offered by CDRI in 2022 including 26% women	2022	By 2027, at least 15,000 people have accessed capacity building opportunities (training, peer learning, certification, academic network) including 30% women	2027	
IRAF OUTPUT 2.1 - INDICATOR 2 (production of tools)		Nb. of DRI tools developed	CDRI Public website & DRI Connect platform	Policy	Yearly	Global	Number	Two (2) tools developed	2022	Four tools developed for better budgetary planning and decision making on infrastructure investment	2027	

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
IRAF OUTPUT 2.2 - INDICATOR 2 (access)		Nb. of capacity building opportunities such as training, peer learning visits, scholarships, internships, fellowships offered to men and women	CDRI Public website & DRI Connect platform	Capacity	Yearly	Global	Number	Five (5) CDRI training modules developed; and 85 CDRI scholarships, internships, fellowships	2022	50 training and capacity building modules developed, 30 scholarships, 30 interships, 5 cohorts of fellows	2027	

Project Indicators

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
Number of reports on resiliency enhancement of the D&I systems in Guyana			Project progress and completion reports	Other	Yearly	Country	Number	0	2002	3	1	
	No components available.											
Planning and consultation workshops			Workshop reports with list of participants disaggregated by gender	Capacity	At closure	Country	Number	2	2022	2	1	
	No components available.											
Number of strategy documents			ISDI document	Policy	At closure	Country	Number	0	2022	1	2	
	No components available.											
Number of pre-feasibility studies on NbS projects			Project progress and completion reports	Other	At closure	Country	Number	0	2022	2	2	
	No components available.											
Number of communication materials			Project progress and completion reports	Other	Yearly	Country	Number	0	2023	2	2	
	No components available.											
Number of webinars			Recording of webinars	Capacity	Yearly	Country	Number	0	2023	2	2	

Indicator Title	Component Title	Description	Means of Verification	Category	Cycle	Scope	Value Type	Baseline Value	Baseline Year	Target Value	Target Year	Linked Outcome / Output
	No components available.											

Risks

Event	Category	Level	Likelihood	Impact	Mitigating Measures	Risk Owner
No data available.						

Budget by UNSDG Categories: Over all

Budget Lines	Total
Project Costs Sub Total	\$0.00
	\$0.00
Total	\$0.00

Budget by UNSDG Categories: 2024

Budget Lines	Fiscal Year *	Description	Total
Project Costs Sub Total			\$0.00
			\$0.00
Total			\$0.00

Budget by UNSDG Categories: 2025

Budget Lines	Fiscal Year *	Description	Total
Project Costs Sub Total			\$0.00
			\$0.00
Total			\$0.00

Budget by UNSDG Categories: 2026

Budget Lines	Fiscal Year *	Description	Total
Project Costs Sub Total			\$0.00
			\$0.00
Total			\$0.00

Performance-based Tranches Breakdown

Tranche		Total
Tranche 1	GGGI (20%) \$99,989.40	\$99,989.40
Tranche 2	GGGI (50%) \$249,973.50	\$249,973.50
Tranche 3	GGGI (30%) \$149,984.10	\$149,984.10
		\$499,947.00

Results based budget

Outcome *	Output *	Activity *	Agency *	Budget (USD) *
No data available.				

Programme Outcome Costs

Outcome	Output	Activity	Implementing Agent	Time Frame
No data available.				