

GEF - PROJECT IMPLEMENTATION REPORT (PIR)

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UNEP GEF PIR Fiscal Year 2024
Reporting from 1 July 2023 to 30 June 2024

1 PROJECT IDENTIFICATION

1.1 Project Details

GEF ID: 5390	Umoja WBS: GFL-5060-2711-4E04-SB-000689.05
SMA IPMR ID: 20453	Grant ID: S1-32GFL-000426
Project Short Title: Antigua and Barbuda SPPARE	
Project Title: Sustainable Pathways - Protected Areas and Renewable Energy	
Duration months planned:	48
Duration months age:	107
Project Type:	Full Sized Project (FSP)
Parent Programme if child project:	
Project Scope:	National
Region:	Latin America and Caribbean
Countries:	Antigua and Barbuda
GEF Focal Area(s):	Biodiversity, Climate Change Mitigation
GEF financing amount:	\$ 2,639,726.00
Co-financing amount:	\$ 7,980,000.00
Date of CEO Endorsement/Approval:	2015-02-04
UNEP Project Approval Date:	2014-11-19
Start of Implementation (PCA entering into force):	2015-03-23
Date of Inception Workshop, if available:	2016-01-06
Date of First Disbursement:	2015-05-15
Total disbursement as of 30 June 2024:	\$ 2,536,983.00
Total expenditure as of 30 June:	\$ 2,608,628.00

Midterm undertaken?:	Yes
Actual Mid-Term Date, if taken:	2018-10-01
Expected Mid-Term Date, if not taken:	
Completion Date Planned - Original PCA:	2019-05-01
Completion Date Revised - Current PCA:	2023-12-31
Expected Terminal Evaluation Date:	2024-10-31
Expected Financial Closure Date:	2024-12-31

1.2 Project Description

The Project Objective is to contribute to the demonstration of an integrated and self-sustaining approach to environmental stewardship in a Small Island Developing State and to enhance financing and management of protected areas through innovations in renewable energy capacity in Antigua and Barbuda.

Component 1: Development of Sustainable Island Resource Financial Plan: This component focuses on the implementation of the Environmental Legislation and the management of protected areas through the establishment of relevant strategies. The outcome from this component is the development of the financial strategy for the implementation of the legislation and the management of protected areas.

Component 2: Pilot expansion of Sustainable Island Resource Protected Areas: Boggy Peak National Park (BPNP): This component will focus on establishing a model managed protected area that is sustainably managed and financed. The outcome from this component is to establish a model managed protected area that is financially self-sustaining.

Component 3: Renewable Energy in support of Protected Areas Systems Pilot: This component will focus on the installation of renewable energy technology that will ultimately support the pilot protected area established in the previous component. The outcome from this component is at least 100,000 tons of CO2 equivalent emissions avoided as direct impact of the pilot with immediate plans for 1,000,000 tCO2.

Component 4: Enhancement of Forest Systems: This component will focus on developing a public awareness strategy aimed at reducing fires in forest ecosystems and establishing a carbon sink through the restoration of forested areas. The outcome of this component is fires reduced nationwide by 20% by project end.

1.3 Project Contacts

Division(s) Implementing the project	Ecosystems Division
Name of co-implementing Agency	
Executing Agency (ies)	Department of Environment – Ministry of Health, Wellness and the Environment, Antigua and Barbuda
names of Other Project Partners	
UNEP Portfolio Manager(s)	Johan Robinson
UNEP Task Manager(s)	Christopher Cox
UNEP Budget/Finance Officer	George Saddimbah
UNEP Support Assistants	Gloritzel Frangakis
Manager/Representative	Diann Black-Layne
Project Manager	Sherwyn Greenidge
Finance Manager	Chalisa Philip
Communications Lead, if relevant	

2 Overview of Project Status

2.1 UNEP PoW & UN

UNEP Current Subprogramme(s):	Thematic: Nature action subprogramme
UNEP previous Subprogramme(s):	Healthy and productive ecosystems
PoW Indicator(s):	<ul style="list-style-type: none"> Nature: (iii) Number of countries and national, regional and subnational authorities and entities that incorporate, with UNEP support, biodiversity and ecosystem-based approaches into development and sectoral plans, policies and processes for the sustainable management and/or restoration of terrestrial, freshwater and marine areas
UNSDCF/UNDAF linkages	2022-2026 UN MSDF in the Caribbean includes Outcome 6 ‘Caribbean countries manage natural resources & ecosystems strengthening their resilience & enhancing the resilience& prosperity of the people and communities that depend on them’ which is relevant to the objectives under this project
Link to relevant SDG Goals	<ul style="list-style-type: none"> Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all Goal 13: Take urgent action to combat climate change and its impacts Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
Link to relevant SDG Targets:	<ul style="list-style-type: none"> 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix 7.b By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States and landlocked developing countries, in accordance with their respective programmes of support 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning 13.b Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth, and local and marginalized communities 15.8 By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species 15.9 By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts 15.b Mobilize significant resources from all sources and at all levels to finance sustainable forest management and provide

	adequate incentives to developing countries to advance such management, including for conservation and reforestation
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2.2. GEF Core and Sub Indicators

GEF core or sub indicators targeted by the project as defined at CEO Endorsement/Approval, as well as results

Indicators	Targets - Expected Value			Materialized to date
	Mid-term	End-of-project	Total Target	
	(NULL)			

Implementation Status 2023: Final PIR

2.3. Implementation Status and Risks

	PIR#	Rating towards outcomes (section 3.1)	Rating towards outputs (section 3.2)	Risk rating (section 4.2)
FY 2024	Final PIR	MS	S	L
FY 2023	8th PIR	MS	S	L
FY 2022	7th PIR	MS	S	L
FY 2021	6th PIR	MS	S	M
FY 2020	5th PIR	MS	MS	M
FY 2019	4th PIR	MS	MS	M
FY 2018	3rd PIR	U	U	S
FY 2017	2nd PIR	MS	MS	M
FY 2016	1st PIR	S	S	M
FY 2015				

Summary of status

This project reached technical closure in December 2023. Overall, the project successfully delivered most of its outputs, though some elements were not fully realized. The primary reason for this shortfall was the significant impact of the COVID-19 pandemic on anticipated partnership commitments. Additionally, the Department of the Environment faced capacity limitations that further affected implementation, as detailed in the narrative below. Moving forward, the Department of the Environment and its partners will continue to fully operationalize the outputs through synergies with other ongoing GEF and non-GEF initiatives that have complementary objectives.

COMPONENT 1: Development of Sustainable Island Resource Financial Plan. The SPPARE project supported the Sustainable Island Resource Framework Fund (SIRF Fund) in its pilot phase; the fund has since commenced its Revolving Loan Program (RLP) and began processing applications. The SIRF fund now has a team, with added support from the DOE, who have been trained and have gained experience from executing the pilot phase of the revolving loan process. Since 2021, the fund has approved over 207 loans valued at over XCD \$18.18 million (US\$6.76 million) in total. The SIRF Fund business plan development was done through the SPPARE project and has been revised by the SIRF Fund. The revenue generated from the installed renewable energy and the Boggy Peak National Park will be channeled through the SIRF Fund. Due to delays in commissioning the interpretation center at Christian Valley (Boggy Peak National Park/Shekerley Mountain Management Area) and implementing the Green Card visitation payment system (Component 2) as well as the wind turbines and PV systems (Component 3), the project was unable to generate the expected revenue for the SIRF Fund. However, the sister initiative, the Path to 2020 Project, will help fully operationalize the Christian Valley Interpretation Centre, achieving the intended project outcome. The Department of Environment (DOE) will continue collaborating with partners, including the Ministry of Finance, Ministry of Housing, and West Indies Oil, alongside the GEF Antigua and Barbuda Sustainable Low-Emission Island Mobility (SLIM) Project, to ensure the renewable energy investments are fully commissioned and operational post-project. The SLIM Project aims to integrate renewable energy solutions to support sustainable transportation and infrastructure in the country.

COMPONENT 2: Pilot expansion of Sustainable Island Resource Protected Areas: Boggy Peak National Park (BPNP). The Christian Valley Interpretation Centre, the main infrastructure for Boggy Peak National Park, has been completed, but its full commissioning has not yet begun due to insufficient financial support from the government. The DOE is exploring management options for the facility based on developed plans for the Boggy Peak National Park/Shekerley Mountain Management Area. Although this process has been delayed, it will continue under the Path to 2020 Project. In the meantime, the facility is available for hosting environmental awareness events, such as exhibitions, guided tours, workshops, demonstrations, lectures, panel discussions, and special events, following best practices outlined in the management plan. The DOE is also enhancing advertising and public awareness efforts in collaboration with the Antigua and Barbuda Tourism Authority, Ministry of Tourism, Civil Aviation, Transportation, and Investments. The broader goal of improving protected area management will be pursued through the Path to 2020 Project.

COMPONENT 3: Renewable Energy in Support of Protected Areas Systems Pilot.

The project successfully facilitated the installation of two foundations for wind turbines at the Sir Vivian Richards Stadium, part of a larger program aiming to install 15 wind turbines with a total planned capacity of 4,100 kWh. These two turbines will meet the stadium's power needs and serve as a demonstration for commercial scalability. However, the full commissioning of these turbines was delayed due to scheduling issues with the technical teams and the installation of an electrical sub-station provided by the National Housing Authority. The project intended to show revenue from the sale of power to the electrical grid contributing to the SIRF Fund, but this goal was not achieved. Future work will continue under other renewable energy initiatives, including the SLIM Project. A key component of this project is the installation of solar carports at the stadium, which will also be powered by the wind turbines. The DOE and UNDP's EnGenDER Project have collaborated to highlight the progress in renewable energy through awareness campaigns targeting schools and the general public.

For the solar installations on health clinics, all solar panels have been installed, but wiring to the buildings' electrical systems is still ongoing, managed by Greentech Solar. Additionally, 24 Tesla Powerwall batteries have been delivered, with 36 more pending due to supply chain issues. These installations will continue beyond the project's timeframe.

Link to event: <https://www.instagram.com/p/CyjfsdkMRVK/>

COMPONENT 4. Enhancement of Forest Systems. The project utilized a community-based strategy to help restore landscapes degraded by invasive alien grasses, which increase fire risk and land degradation. This approach involved engaging community-based organizations and schools in local landscape restoration efforts. Throughout the project, over 50 schools and community organizations participated in annual Arbor Day activities, involving more than 1,000 students and community members in restoration efforts. To support these initiatives, the project established a plant nursery at Victoria Park with an annual production capacity of 20,000 seedlings. Additionally, a national wildfire prevention strategy was developed with the Organization of Eastern Caribbean States (OECS) Secretariat and integrated into the work of the Antigua & Barbuda Fire Department. These efforts, along with the Arbor Day activities, are now fully embedded in the work of the DOE and partner organizations and will continue beyond the project's duration.

2.4 Co Finance

Planned Co-finance:	\$ 7,980,000
Actual to date:	14,449,739
Progress	<p>Justify progress in terms of materialization of expected co-finance. State any relevant challenges:</p> <p>With respect to co-financing the government of Antigua and Barbuda entered into a loan agreement with the Abu Dhabi Fund for Development for a total of US \$15 million to invest in procurement and installation of the renewable energy assets for component three of this project. In addition, an estimated US \$1 million has come from the government of Antigua and Barbuda in the way of staff support, equipment, storage, transportation and security.</p>

2.5. Stakeholder

Date of project steering committee meeting	2024-01-17
Stakeholder engagement (will be)	During this reporting period, the Department of Environment engaged in additional consultations with key stakeholders to explore the

uploaded to GEF Portal)	<p>potential management strategies for the Wallings Nature Reserve that will include the operationalization of the Christian Valley Interpretation Centre. Meetings were held with the Walling Nature Reserve representatives and the Minister of Health, Wellness, and the Environment to discuss the feasibility and plans for the park's management. The DOE will engage stakeholders in the tourism and hospitality sector pertaining to promoting visitation to Christian Valley and the park area; this process will continue under the GEF Path to 2020 Project.</p> <p>Additionally, the project team met with the Chief Town and Country Planner to receive updates on the planning and policy documents related the Boggy Peak/Shekerley Mountain Management Area (SMMA) boundary formalization, which are yet to be presented to the cabinet for approval. The aim was to understand the current status and any forthcoming actions needed to advance the project.</p> <p>Moreover, the team consulted with Chief Surveyor Mr. Bird to obtain updates on the demarcation of the Shekerley Mountain Management Area (SMMA). These engagements were conducted throughout November 2023 to ensure all relevant parties were aligned and to facilitate the ongoing progress of the project. This stakeholder engagement process will continue post-project with the Path to 2020 Project given that the SPPARE Project has now reached technical completion.</p>
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2.6. Gender

Does the project have a gender action plan?	No
Gender mainstreaming (will be uploaded to GEF Portal):	It should be noted that at project endorsement the gender aspects were not prominently featured in the results framework, as it was anticipated that there will have been parity in respect to engagement and beneficiary gains between men and women. As reported in the previous PIR cycle, the project has endeavored to expand participation by women that has been in fact reflected in the wider environmental management context in the country. At the project management level, the core team is 4:2 female to male ratio. Gender considerations have been at the forefront of almost every public and private sector investment for approximately ten years now. Therefore, in all components of this project emphasis is placed on equality for job opportunities and long-term beneficiaries and to date this has not been an issue. The project has maintained equitable gender balance between men and women in management and decision-making related to the project implementation. The overall estimated number of beneficiaries from the SPPARE project is approximately 60,000 persons, with a ratio of 60% female and 40% male. This estimate is being further validated with the project terminal reporting.

2.7. ESSM

Moderate/High risk projects (in terms of Environmental and social safeguards)	Was the project classified as moderate/high risk CEO Endorsement/Approval Stage? No If yes, what specific safeguard risks were identified in the SRIF/ESERN? note: risk rating not assigned at CEO Endorsement
New social and/or environmental risks	Have any new social and/or environmental risks been identified during the reporting period? No If yes, describe the new risks or changes? N/A
Complaints and grievances related to social and/or environmental impacts	Has the project received complaints related to social and/or environmental impacts (actual or potential) during the reporting period? No If yes, please describe the complaint(s) or grievance(s) in detail, including the status, significance, who was involved and what actions

	<p>were taken? N/A</p>
<p>Environmental and social safeguards management</p>	<p>As reported in the prior PIR cycle, the project remains within the parameters of assuring that environmental and social safeguards are assured within implementation. With respect to the preparations for installation of the renewable energy components, the wind turbines and the PV panels, there has been due process in consultation with regulatory authorities particularly concerning the siting of the wind turbines in relation to ensuring compliance with civil aviation, safe proximity from human settlement and minimal degradation of ecosystems and habitats. Considerations have been factored into technology selection that minimizes risk in the event of hurricanes. The PV installations on critical health facilities will extend operation particularly during times of power interruptions, contributing to social security. The construction of the interpretation Centre at Boggy Peak, the other main infrastructural feature of the project, has similarly been subject to location considerations so as to minimize adverse environmental footprint. It should be further noted that at the overall level, the project has assured local sustainable procurements in both material and labor to the extent feasible and practical so as to maximize social benefit and allow for gender-sensitive equal-opportunity. Local communities have been involved in as far as persons engaged have the requisite qualification, competence and desired experience. Materials were procured from sources that did not trigger environmental concerns. In respect to wider ecosystem restorative actions post-project, these will continue to be supervised by the Forestry Division to mitigate adverse impacts on fauna and flora. The DOE has applied its monitoring and evaluation protocols to ensure verification of compliance with the anticipated environmental and social safeguard standards for the duration of the project.</p>

2.8. KM/Learning

<p>Knowledge activities and products</p>	<p>No knowledge activities and products were produced during this reporting period, however over the duration of the project some of the key knowledge activities included interviews which were held with the state media during World International Clean Air on September 7th where staff spoke about the solar RE and wind turbine initiative. see link attached: https://www.youtube.com/watch?v=-eu8477HMqg</p> <p>On May 19th 2023 The transportation of the wind turbines to the installation site was covered by state media. This coverage offered the opportunity to share knowledge and notify the general public of the ongoing initiatives of the project. See link: https://www.facebook.com/100064488438203/videos/675786427924419</p> <p>Presentations were also done at the West Indies Oil Company about the SPPARE project, wind energy, and RE on the 28th of July, where approximately 30 staff members were present. Moreover, site visits were held at the wind turbine sites with Caribbean Community</p>
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	<p>Climate Change Centre (5Cs) where approximately 20 persons were present and finally Summer camps where 100 students attended to learn about the project.</p> <p>A creation of short timelapse of the installation of one of the wind turbines was produced.</p>
Main learning during the period	<p>The project is now in the closure phase. The main lessons/learnings are summarized as:</p> <p>Building and sustaining buy-in: The innovative financing mechanism under the SIRF Fund for protected areas management is relatively new for the country and there needs to be sustained stakeholder buy-in, particularly for replication and upscaling by the private sector. Through a strong government vision, the country remains steadfast in the transition toward green energy. Local stakeholders remain committed to the protection of ecosystems and the services they provide that are the underpinning of the dominant tourism sector.</p> <p>Adaptation to the COVID-19 pandemic: The pandemic induced very significant operational challenges that delayed implementation and triggered pandemic response actions that impacted partnership engagements. The pandemic also induced supply chain challenges that impacted the acquisition of materials associated with the PV installations and the travel of specialists to the country to support the wind turbine installations. There will need to be post-project management toward full systems commissioning.</p> <p>Project administrative adaptive management: The passage of Hurricane Irma in September 2017 that ravaged Barbuda, led to a deployment of material and human resources for post-disaster recovery, that drew away from the infrastructure investment under the project, causing implementation delays that were further compounded by the COVID-19 pandemic. Considering these challenges, along with the growing suite of developmental projects, required the Department of Environment to employ adaptive management strategies.</p>

2.9. Stories

Stories to be shared	<p>The Department of Environment and UNDP's EnGenDER project have joined forces to showcase the incredible progress in renewable energy. Students from Antigua Grammar School, Ottos Comprehensive Secondary, and Glanvilles Secondary took part, getting hands-on with renewable energy ideas and painting the turbine mast at Sir Vivian Richards Cricket Stadium. This project inspires the next generation to be eco-conscious and empowers them to embrace sustainable solutions for a brighter future : https://www.instagram.com/p/CyjfsdkMRVK/</p> <p>Antigua & Barbuda has lost a significant proportion of its native biodiversity as its landscapes have been transformed over past decades due to</p>
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	<p>agricultural, commercial and urban development. Along with land use change, alien invasive species continue to threaten biodiversity. The country is one of the most water scarce in the Caribbean and climate change trends suggest worsening of climate vulnerability, with declining water availability. Declining coverage of forest ecosystems lead to declining water retention in key water supply areas, along with heightened risk of drought and fire occurrence. To meet water demands from a growing population and tourism-based economy, most of the potable water is now derived from desalinated seawater, a very costly undertaking which requires a large amount of electricity. For a small island, this presents a significant economic strain amidst environmental degradation and increased vulnerability to climate change. Through the SPPARE Project, the country applied a novel and innovative approach to financing environmental conservation through the generation of receipts from the sale of power from renewable energy sources, something that has yet to be implemented and scaled up in the Eastern Caribbean. Such a model demonstrates an integrated and self-sustaining approach to environmental stewardship in Small Island Developing States (SIDS) that also aims to wean their small and fragile economies off export-earning drains from high-cost fuel imports. The approach piloted in the project holds the potential for replication not only with the Caribbean but at the global SIDS level.</p>
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3 Performance

3.1 Rating of progress towards achieving the project outcomes

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period (numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
Assist the SIRF Fund and to establish two areas of funding streams into the fund. The funding streams are: Investments into Renewable Energy and Investments into Protected Areas.		No project assistance provided to SIRF Fund. No funding stream is available	N/A	SIRF Fund is assisted by the project through two established funding streams.	2	The SIRF Fund Pilot Revolving Loan Programme has been implemented allowing for 207 beneficiaries to access loans in an effort to make their homes/businesses climate-resilient. The SIRF Fund has also established a Small Grants Programme inclusive of 4 Faith-based organizations that have benefitted from grants to retrofit their buildings to serve as community hurricane shelters.	S
Revenue for protected area systems increased by US\$2 million annually	The SIRF Fund Business Plan is submitted by the SIRF Fund Board for approval by the end of Year 1	SIRF Fund is created under the Finance Administration Act. No financial strategy in place. The Legislation has not yet been passed. Protected areas are funded by the Central government	The business plan is approved by Cabinet. The financial business plan is adopted by the SIRF Fund Board	The SIRF Fund begins to accept applications for funding and making small disbursements to cover 10% of recurrent costs	The SIRF Fund has implemented dispersal mechanisms to include the Revolving Loan Programme which provides small loans disbursed to traditionally high-risk groups including home owners and businesses to make their	A draft business plan for the SIRF fund was completed and ready for the Board's consideration. Additionally, a business plan for the Shekerley Mountain Management Area (SMMA), which encompasses the BPNP, has been developed but is not yet being operationalized.	S

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
					homes/business climate resilient. The SIRF Fund Small Grants Programme has also been implemented which supports CSOs in adaptation and mitigation efforts and general implementation of the EPMA. Current income streams from the SIRF Fund include 2%ppoFees collected from the Revolving Loan Programme and 10% fees from the programming grant financing. To date the SIRF Fund has provided loans to 203 beneficiaries and grants to 5 faith based		

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period (numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
					organizations to serve as hurricane shelters.		
Improved Management Effectiveness of new Protected Areas	Increased financial sustainability of Boggy Peak National Park	No model of managed protected area exists. Funding levels inadequate	Conservation areas zoned.	Conservation areas zoned.	Boundaries have been established but the official designation has been submitted to the DCA and awaiting approval. The team met with the Chief town and country planner along with the Chief Surveyor during this reporting period to follow up on the updates. Interpretation Center is completed but not yet operational. Along with the implementation of the Management Plan has not begun	The GEF Path to 2020 project developed a Protected Area Systems Plan regarding the management of protected areas. The SMMA business plan along with this will be used to guide the management of the BPNP. The exit strategy is being developed which will take into consideration these completed documents and outline sustainable completion of the remaining SPPARE component 2 activities to the GEF Path to 2020 Project.	S

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
At least 100,000 tonnes of CO2 equivalent emissions avoided as direct impact of the pilot with immediate plans for 1,000,000 tCO2.	Avoided emissions of CO2	LOI signed. Agreement for 6000 MWh being negotiated.	Begin negotiations for scale up. By end of Year 2 Off-takers identified and sign PP Agreement with the SIRF Fund.	Negotiations for scale up are complete. Reduction of 100,000 tons of CO2 emissions by project end as indicated through GHG inventory calculations. 6MW of off-grid installed on various buildings of various Off-takers including for Reverse Osmosis plants.	No tons of CO2 emissions have been avoided at current. Installation of Wind Turbines at the Sir Vivian Richards stadium and operationalization of the Interpretation Centre and clinics will increase the emissions avoided.	0 tons were avoided as the wind turbines and solar PV panels at the Sir Vivian Richards Stadium and BPNP, respectively, have not been operationalized.	MS
4.1 Fires reduced nationwide by 20% by project end.	Fire induced invasive reduced by 20% in the pilot area CO2 avoided	No national wildfire prevention strategy exists. SIRMM public announcements still running. No forest	Baseline for awareness of fire prevention approaches established. Wildfire prevention	Awareness of Approaches to wildfire prevention increase by 25%. Forested areas sustainability	As previously reported the project facilitated various stakeholder engagement on wildfire prevention	The project facilitated various stakeholder engagement on wildfire prevention strategies and developed a national situation report, and wildfire management strategy. These were share with the relevant stakeholders for future reference.	MS

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period (numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
		restoration efforts in place in the target areas.	strategy developed in consultation with relevant stakeholders incorporating the control of invasive species. .	managed to achieve carbon sequestration goals of annual tons CO2 savings 43,216 achieved.	strategies and developed a national situation report, and wildfire management strategy.		
4.2 Restoration efforts and avoided degradation lead to Co2 savings	CO2 savings	Forested areas are partially degraded due to damage by fires and presence of invasive species	National Watershed Management Committee established.	Intervention area re-mapped to represent the efforts achieved. Forested areas sustainability managed to achieve carbon sequestration goals. Annual tons CO2 savings 43,216 achieved	The restoration efforts emerged from the SPPARE project where tree planting initiatives with local NGOs and schools. This initiatives have continued through the department's nursery providing fruit trees and plants to various persons throughout the years and at the annual arbor day. The department currently does not	Restoration efforts are ongoing, although the exact amount of CO2 savings is currently unknown. The installation of a new nursery at the Department of Environment has facilitated annual tree planting and seedling distribution to local groups and schools. Additionally, the nursery supports NGOs and schools by donating plants, thereby promoting tree planting activities and contributing to overall restoration efforts.	MS

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period (numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
					have the capacity to track the Co2 avoided, this needed to be addressed in the sustainability plan.		

3.2 Rating of progress implementation towards delivery of outputs (Implementation Progress)

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
1 Development of Sustainable Island Resource Financial Plan	Output 1.1 Business Plan for the Systems of Parks and the Legislation	2021-09-28	100	100		S
	Activity 1.1.1 Develop a Business Plan for Boggy Peak National Park (BPNP)	2021-09-28	100	100		
	Activity 1.1.2 Implementation of Legislation and management of protected areas	2021-01-14	100	100		
	Activity 1.1.3 Draft Regulations	2021-01-14	100	100		
	Output 1.2 Financing and Operational Framework of the SIRF Fund		100	100		S
	Activity 1.2.1 Develop SIRF Fund Business Plan regulations	2020-12-30	100	100		
	Activity 1.2.2 Develop SIRF Fund Operations Manual		100	100		
	Activity 1.2.3 Redefine SIRF Accounting and Procurement Rules	2019-06-28	100	100		
	Activity 1.2.4 Appoint SIRF Fund Board	2019-06-28	100	100		
	Output 1.3: Capacity Building of SIRF Management		100	100		S
	Activity 1.3.1 Train SIRF Staff on Fund Operations	2016-03-16	100	100		
	Activity 1.3.2 Training in the New Procurement	2017-01-19	100	100		

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
	Output 1.4: Establish the MEPA Trust and other funding streams related to the SIRF Operations		100	100		S
	Activity 1.4.1 Operationalization of the MEPA Trust		100	100		
	Activity 1.4.3 SIRF Fund disbursement to the MEPA	2019-06-28	100	100		
2 Pilot expansion of Sustainable Island Resource Protected Areas: Boggy Peak National Park (BPNP)						
	Output 2.1 Boggy Peak National Park (NP) gazetted and sustainably managed			89		MS
	Activity 2.1.1 Demarcate Boundaries of BPNP	2016-03-01	100	100		
	Activity 2.1.2 Legislate BPNP Under PPA 2003		80	80	The final document is still with the governing body the Development Control Authority, pending formal approval	
	Activity 2.1.3. Develop a management plan for Boggy Peak National Park		100	100		
	Output 2.2 Financial sustainability system piloted at Boggy Peak NP			18		U
	Activity 2.2.1. Develop Accounting System For "Green Card" Park Fees		25	25	The green card marketing strategy has been completed and stakeholders such as the Ministry of Tourism and the Environmental Awareness Group have been engaged, but the development of a feasible green card plan has been delayed. The status of this task has not changed since the last report. This activity will be reviewed and completed under the Path to 2020 project.	
	Activity 2.2.2. Green Card Marketing Launch		0	10	Under this activity, a concept note was drafted for the Green Card System, in addition to a marketing strategy and a pride campaign: sustainable financing	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					for protected areas. To dated no further progress has been made under this activity, which will also be reviewed and completed under the Path to 2020 Project.	
	Activity 2.2.3. Funding request for the Park developed and submitted to the SIRF Fund Board		0	0	This activity has been put on hold as it was dependent on the BPNP Business plan completion. The SIRF also experienced some delays which overall caused this activity to be delayed. The aim moving forward is to review and complete under the Path to 2020 Project through the SMMA Business Plan.	
	Activity 2.2.4. Collection of "Green Card" revenue and expenditure		0	0	No revenue has been collected due to the reason that the green card system has not yet come on stream.	
	Output 2.3: Infrastructure to Support Park Visitation and Sustainable Financing		100	100		HS
	Activity 2.3.1 Fence Boundary and Install Signage within the Victoria Park	2017-05-30	100	100		
	Activity 2.3.2 Apply to DCA for Building Approval	2016-05-31	100	100		
	Activity 2.3.3. Design and Construct Eco-Interpretation Boggy Peak National Park	2021-02-28	100	100		
	Activity 2.3.4. Outfit Interpretation Centre With RE and EE System	2021-01-31	100	100		
	Activity 2.3.5. Security infrastructure for the Park buildings	2021-04-16	100	100		
	Activity 2.3.6. Register Assets Under the SIRF Fund	2016-03-31	100	100		
3 Renewable Energy in	Output 3.1: Additional Funds for RE Are Secured		100	100		HS
	Activity 3.1.1 Financial and Technical Feasibility for the Pilot phase	2020-06-19	100	100		

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
support of Protected Areas Systems Pilot	Activity 3.1.2 Negotiate Additional Funding for RE Technology	2019-06-30	100	100		
	Activity 3.1.3. Design Business Plan RE systems in protected areas and other sites	2023-12-31	100	100		
	Output 3.2: Sites Prepared for RE Installation			94		S
	Activity 3.2.1. Initial pilot installation >1 MW wind power installed with ~1 MWh modulated reverse osmosis and at the Stadium; and Solar at Clinics and Solar at MSJMC	2024-12-31	87	87	While the wires ordered from Kalglas arrived in Q1 this year, we still require additional materials and equipment to proceed with the installation. We initially anticipated that work could continue once the wires were delivered, but this has not been the case. Additionally, a total of 24 Tesla Powerwall batteries have been delivered, with 5 recently received in Q2. However, we are still awaiting the delivery of 36 Tesla Powerwall batteries.	
	Activity 3.2.2 Site Specific assessments for RE design and installation	2023-04-31	100	100		
	Activity 3.2.3 Apply for DCA Approval of Wind Sites	2020-01-31	100	100		
	Activity 3.2.4 Design Energy Systems For Resilience (Off-Grid)	2017-09-30	100	100		
	Activity 3.2.5. Develop and Negotiate PPA, Water Levy Terms Sheet, and Framework agreements		50	50	This activity is being delayed by the implementation and commission of the renewable energy systems. The SIRF fund business plans explores the potential revenue gained from a PPA with the Government. Once installations are completed this PPA will be finalized between the Department of Environment and the Ministry of Works. Draft PPAs	

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					have been prepared along with Term sheet examples, lease agreements, draft operations maintenance agreement and templates of purchasers agreement. The DoE is working on finalizing the PPA and presenting to the Cabinet of Antigua and Barbuda.	
	Activity 3.2.6. Design Inventory Management Systems	2019-10-14	100	100		
	Output 3.3: Equipment is Procured and Installed			63		MU
	Activity 3.3.1. Finalize procurement plan	2018-11-30	100	100		
	Activity 3.3.2. Issue RFPs and complete procurement of Equipment and services	2023-12-31	100	100		
	Activity 3.3.3. Install Equipment	2024-12-31	63	64	The Clinics Solar PV RE are awaiting the TESLA batteries to finalize installation. The batteries have been procured but due to shipping logistics and shipping lead time, this activity remains delayed. a total of 24 Tesla Powerwall batteries have been delivered, with 5 recently received in Q2. However, we are still awaiting the delivery of 36 Tesla Powerwall batteries	
	Activity 3.3.4. Negotiate O&M, Insurance, Others	2019-12-31	40	46	No change in this reporting cycle. The DOE will be working with The West Indies Oil Company to develop. MOU. Which will be finalized by the Cabinet Decision	
	Activity 3.3.5. Register Assets Under the SIRF Fund	2024-10-31	70	70	Delayed. This will be revised and updated	
4	Output 4.1 Develop a national wildfire prevention strategy to protect			100		MS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
Enhancement of Forest Systems	the forest ecosystems					
	Activity 4.1.1 Public announcements on wildfires; provide information to public		100	100		
	Activity 4.1.2 Stem degradation of forest ecosystems: Boggy Park Watershed, inclusive Wallings Forest Reserve through nationwide fire prevention initiative	2020-03-27	100	100		
	Output 4.2 Restoration efforts and avoided degradation lead to CO2 savings			100		MS
	Activity 4.2.1. Conduct Baseline Assessment of Forest	2019-08-30	100	100		
	Activity 4.2.2 Monitor Environment & Social Safeguards	2020-03-27	100	100		
	Activity 4.2.3. Communicate Findings and Lessons Learned	2019-12-19	100	100		
	Output 4.3: Demonstration of Sustainable Husbandry Practices			100		S
	Activity 4.3.2 Prepare Tree Nursery at The Victoria Gardens	2020-07-31	100	100		
Activity 4.3.5 Install Small Biogas to Convert Manure	2021-06-30	100	100			

The Task Manager will decide on the relevant level of disaggregation (i.e. either at the output or activity level).

4 Risks

4.1 Table A. Project management Risk

Please refer to the Risk Help Sheet for more details on rating

Risk Factor	EA Rating	TM Rating
1 Management structure - Roles and responsibilities	Moderate	Substantial
2 Governance structure - Oversight	Moderate	Moderate
3 Implementation schedule	Moderate	Moderate
4 Budget	Moderate	Moderate
5 Financial Management	Moderate	Low
6 Reporting	Moderate	Substantial
7 Capacity to deliver	Moderate	Substantial

If any of the risk factors is rated a Moderate or higher, please include it in Table B below

4.2 Table B. Risk-log

Implementation Status (Current PIR)

Insert ALL the risks identified either at CEO endorsement (inc. safeguards screening), previous/current PIRs, and MTRs. Use the last line to propose a suggested consolidated rating.

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
Getting the SIRF Fund operational	Output 1.2	N/A	S	M	L	L	L	N/A	↓	No longer a risk. The SIRF Fund is Operational
All costs not accurately assessed due to external factors such as the mounting cost	Output 1.1		S	M	L	L	L	N/A	↓	This is no longer a risk as more data has become available.

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
of climate change										
Delays in construction of the BPNP interpretation Centre due to weather and delays in disbursement	Output 2.3		S	M	L	L	L	N/A	↓	As construction has been completed. this task is no longer a risk
Volume of visitor traffic could adversely affect biodiversity	Output 2.3		S	M	M	M	M	M	=	This still remains a medium risk and greatly depends on the how effective the implementation of the management plan. This will be addressed in the exit strategy that is currently being worked on
Delay in getting buy-in from the private landowners	Output 2.1		S	S	L	M	L	N/A	↓	Private landowners have been very supportive of the conservation efforts taking place and are also very interested in how they can get accrue benefits from the engagement.
Illegal crops in intervention area present potential danger to rangers work and visitation	Output 2.3		M	H	M	L	L	N/A	↓	This risk is unchanged as the park has yet to be commissioned and managed.
Feasibility is not positive	Output 3.1		S	L	L	L	L	N/A	↓	This is no longer a risk.
Proximity of RE installation to Important Bird Areas	Output 3.2		S	L	L	L	L	N/A	↓	This is no longer a risk.
Government Lands are not designated in a timely manner for establishment of the wind farm	Output 3.2		S	M	L	L	L	N/A	↓	This is no longer a risk.
Competition for up-scaled investment in RE from developers	Output 3.1		H	M	M	L	L	N/A	↓	This is no longer a risk.
Late payment by APUA	Output 3.2		H	M	M	L	L	N/A	↓	PPA will be made with the APUA and the Government of Antigua and Barbuda. After commissioning of

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
										wind turbines the PPA will be finalized
Delay in supply due to manufacturer lead time	Output 3.3		H	M	L	L	M	S	↑	While equipment have been procured. the lead time of the delivering of equipment and parts may cause slight delays which contributes to implementation risks. The DOE is working with the distributors and will be addressed in the exit strategy
No Agreement for 10MW to be developed over long term. by the Department of the Environment to generate funding (through the SIRF fund) for the protected areas system	Output 3.2		S	M	L	L	L	L	=	This risk is unchanged. though buy in from the government for renewable energy has significantly increased. a PPA has yet to be established. but the DoE is working on it
Intensified storms due to climate change	Output 3.3		S	M	M	M	M	M	=	
Delay in placement of wind equipment due to need for better quality wind data	Output 3.2		S	M	L	L	L	N/A	↓	No longer a risk
Dry weather patterns and lack of public awareness result in increased fires in forest ecosystems. increasing vulnerability to establishment of invasives	Output 4.1		M	H	S	M	L	N/A	↓	Though the island is still experiencing long periods of drought. this risk remains at same status; wildfire campaigns have been out and training was done with the Fire Department. Moreover other NGOs have started initiatives to help combat wild fires. such as the Wallings Nature Reserve Removal of the invasive fever grass
Covid 19 affecting the public awareness	Output 4.1					M	L	N/A	↓	not applicable

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
campaigns										
Delays in full commissioning of the infrastructure installed under the project with potential operational inefficiency and maintenance implications	Outputs 2.3 and 3.2							S		The Christian Valley Interpretation Centre will be fully operationalized under the scope of the Path to 2020 Project and will be monitored for start-up and long-term viability. The RE installations will be linked to ongoing donor project investments in the country. supported also by direct contributions from the Government
			S	M	L	L	L	L	=	

4.3 Table C. Outstanding Moderate, Significant, and High risks

Additional mitigation measures for the next periods

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	What	When	By Whom
NOTE: this is the final PIR and these risks and associated actions will be internalized in the work of the dept of the Environment. Delay in supply due to manufacturer lead time	The team sent out follow up emails and communicated with the suppliers throughout the reporting period in order to ensure supplies stayed on schedule.	The team sent out follow up emails and communicated with the suppliers throughout the reporting period in order to ensure supplies stayed on schedule.	continue to regularly check in with the suppliers to ensure timely delivery	Bi weekly	Technical Officer
Intensified storms due to climate change	No Specific actions	No Specific actions	Consideration and design of project exit strategy for		Project Manager

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	What	When	By Whom
			building long term resilience		
Dry weather patterns and lack of public awareness result in increased fires in forest ecosystems. increasing vulnerability to establishment of invasives	Continued stakeholder outreach and removal of fever grass by the Wallings Nature Reserve	Continued stakeholder outreach	Post-project will continue to advance message around application of wildfire management strategies with local stakeholders in vulnerable areas. supported by the lead collaborating agencies and the fire department		Project Manager
Management Structure - Roles and responsibilities	Bi-weekly meetings with project team and project manager to ensure team is aware of each person's individual task and provide updates.	Bi-weekly meetings with project team and project manager to ensure team is aware of each person's individual task and provide updates.	Post-project; continue regular meetings with project team with complementary work under the Path to 2020 Project	Bi-Weekly	Project Manager and Project Team
Governance structure - Oversight	Major project decisions are presenting to the Project Management Committee (PMC) as the oversight body with final say in decisions	Major project decisions are presenting to the Project Management Committee (PMC) as the oversight body with final say in decisions	N/A	Quarterly or as required	Project Manager and Project Team
Implementation schedule	Provide regular updated to the M&E team for guidance and quality control	Provide regular updated to the M&E team for guidance and quality control	Regular project team meetings	Quarterly or as required	Project Manager and Project Team
Budget	All budget request above 25.000 usd had to be approved by the PMC	All budget request above 25.000 usd had to be approved by the PMC	N/A	As required	Project Manager and Project Team

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	What	When	By Whom
Financial Management	Budget and expenditure is managed by the accounting unit of the DoE. which gets audited annually	Budget and expenditure is managed by the accounting unit of the DoE. which gets audited annually	assure submission of final suite of expenditure reports for the project	Quarterly	Project Manager and Project Team
Reporting	Documentation for completion of reports are required by the DoE	Documentation for completion of reports are required by the DoE	assure completion of all final technical reporting documentation - Monthly status reporting and updates to UNEP	Monthly	Project Coordinator / Technical Officer
Capacity to deliver	The DoE has procurement process in place for technical consultants. Candidates are evaluated and interviewed based on criteria outline in the published TORs.	The DoE has procurement process in place for technical consultants. Candidates are evaluated and interviewed based on criteria outline in the published TORs.	N/A; the project has reached technical completion	As required	Project Manager and Project Team
Delays in full commissioning of the infrastructure installed under the project with potential operational inefficiency and maintenance implications	The DOE has been working with local collaborators in establishing management arrangements for the Christian Valley Interpretive Centre; similar for the full commissioning of the RE installations	Discussions held at senior policy level in advancing negotiations for the management of the Centre. Progress with other collaborating government departments to complete the wind turbine installations along with escalation in action to complete electrical installation for the solar PV	Post-project follow-up by DOE senior management	on-going	DOE Director. Project Team

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	What	When	By Whom
		systems at the health clinics.			

High Risk (H): There is a probability of greater than 75% that assumptions may fail to hold or materialize, and/or the project may face high risks. Significant Risk (S): There is a probability of between 51% and 75% that assumptions may fail to hold and/or the project may face substantial risks. Moderate Risk (M): There is a probability of between 26% and 50% that assumptions may fail to hold or materialize, and/or the project may face only modest risks. Low Risk (L): There is a probability of up to 25% that assumptions may fail to hold or materialize, and/or the project may face only modest risks.

5 Amendment - GeoSpatial

Project Minor Amendments

Minor amendments are changes to the project design or implementation that do not have significant impact on the project objectives or scope, or an increase of the GEF project financing up to 5% as described in Annex 9 of the Project and Program Cycle Policy Guidelines. Please tick each category for which a change occurred in the fiscal year of reporting and provide a description of the change that occurred in the textbox. You may attach supporting document as appropriate

5.1 Table A: Listing of all Minor Amendment (TM)

Minor Amendments	Changes
Results Framework:	No
Components and Cost:	No
Institutional and implementation arrangements:	No
Financial Management:	No
Implementation Schedule:	
Executing Entity:	No
Executing Entity Category:	No
Minor project objective change:	No
Safeguards:	No
Risk analysis:	No
Increase of GEF financing up to 5%:	No
Location of project activity:	No
Other:	No

Minor amendments

No cost extensions to facilitate operational delays and accommodate delays induced by the COVID-19 pandemic

5.2 Table B: History of project revisions and/or extensions (TM)

Version	Type	Signed/Approved by UNEP	Entry Into Force (last signature Date)	Agreement Expiry Date	Main changes introduced in this revision
Original Legal Instrument		2015-04-21	2015-04-21	2020-04-01	Results framework
Amendment 1	Revision	2016-07-21	2016-09-11	2020-04-01	no cost extension
Amendment 2	Extension	2020-04-30	2020-05-05	2021-12-31	no cost extension
Amendment 3	Extension	2021-10-18	2021-10-18	2023-06-30	no cost extension
Amendment 4	Extension	2023-06-23	2023-06-29	2024-12-31	no cost extension

GEO Location Information:

The Location Name, Latitude and Longitude are required fields insofar as an Agency chooses to enter a project location under the set format. The Geo Name ID is required in instances where the location is not exact, such as in the case of a city, as opposed to the exact site of a physical infrastructure. The Location & Activity Description fields are optional. Project longitude and latitude must follow the Decimal Degrees WGS84 format and Agencies are encouraged to use at least four decimal points for greater accuracy. Users may add as many locations as appropriate. Web mapping applications such as OpenStreetMap or GeoNames use this format. Consider using a conversion tool as needed, such as: <https://coordinates-converter.com> Please see the Geocoding User Guide by clicking here

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Sir Vivian Richards Stadium	17.1025151	-61.78299736		Directly east of Sir Viv Richards Stadium (Turbine 1)	Project will install wind turbine to power stadium: 2-stage planetary gearbox. 2-speed. asynchronous. squirrel cage generator - rated power: 275kW. At time of report submission. foundation for turbine is 100% complete. Lower and upp masks are installed. project waiting final part to install blades. And electric house needs to be constructed to power the

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
					wind turbines (the location has already been identified and works)
Sir Vivian Richards Stadium	17.10348042	-61.7830651		Directly east of Sir Viv Richards Stadium (Turbine 2)	Project will install wind turbine to power stadium: 2-stage planetary gearbox. 2-speed. asynchronous. squirrel cage generator - rated power: 275kW. At time of report submission. foundation for turbine is 100% complete. Lower and upp masks are installed. project waiting final part to install blades. And electric house needs to be constructed to power the wind turbines (the location has already been identified and works)
Clare Hall Pharmacy	17.309874	-61.8222196		On the property of the Clare Hall Clinic	Installed solar production: 35.97 kW; Installed battery storage: 108 kWh. At time of report submission. the project is awaiting batteries and final accessories required for commissioning
Clare Hall Clinic	17.13130123	-61.82207565		On the same property as the Clare Hall Pharmacy	Installed solar production: 18.31 kW; Installed battery storage: 108 kWh. At time of

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
					report submission. the project is awaiting batteries and final accessories required for commissioning
Browne's Ave Clinic	17.10980667	-61.83842387		On the property of Gray's Farm Clinic	Installed solar production: 12.10 kW; Installed battery storage: 108 kWh. At time of report submission. the project is awaiting batteries and final accessories required for commissioning
All Saints Clininc	17.06438991	-61.79551677		Property of All Saint's Clinic	
Johnson's Point Clininc	17.0279623	-61.8858715		On the property of Johnson's Point Clinic	Installed solar production: 11.72 kW; Installed battery storage: 54 kWh. At time of report submission. the project is procuring final accessories required for commissioning.
New Field Clininc	17.0572238	-61.7254611		On the property of New Field Clinic	Installed solar production: 5.89 kW; Installed battery storage: 27 kWh. At time of report submission. the project is procuring final accessories required for commissioning.
Bethesda Clinic	17.0451059	-61.7526977		On the property of Bethesda Clinic	Installed solar production: 6.21 kW; Installed battery storage: 27 kWh. At time of report submission. the

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
					project is procuring final accessories required for commissioning.
Jennings Clininc	17.0779451	-61.8601869		On the property of Jennings Clinic	Installed solar production: 11.44 kW; Installed battery storage: 27 kWh. At time of report submission. the project is procuring final accessories required for commissioning.
National Office of Disaster Services	17.1118254	-61.8296385		On the property of National Office of Disaster Services	Installed solar production: 40.22 kW; Installed battery storage: 121.5 kWh. At time of report submission. the project is procuring final accessories required for commissioning.
Ministry of Health	17.12184733	-61.84574588		On the property of Ministry of Health	Installed solar production: 33.35 kW; Installed battery storage: 40.5 kWh. At time of report submission. the project is procuring final accessories required for commissioning.
Interpretation Center- Christian Valley	17.0566368	-61.8554856		In the Christian Valley Agricultural Station	Gold Certification from Leadership in Energy and Environmental Design
Plant Nursery- DOE	17.12059062	-61.83645068		On the property of the Department of Environment	Shade house with the capacity for over 10.000 plants

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Mount St. John's Medical Center	17.1171324	-61.8393367		On the property of Mount St. Johns Medical Center (site 1)	Project will install 121.49 kW PV to power hospital. At time of report submission. the project is carrying out geotechnical surveys of identified site.
Mount St. John's Medical Center	17.116421	-61.8391476		On the property of Mount St. Johns Medical Center (site 2)	Project will install 38.22 kW PV to power hospital. At time of report submission. the project is carrying out geotechnical surveys of identified site.
Mount St. John's Medical Center	17.11621242	-61.83908833		On the property of Mount St. Johns Medical Center (site 3)	Project will install 74.62 kW PV to power hospital. At time of report submission. the project is carrying out geotechnical surveys of identified site.
Mount St. John's Medical Center	17.116304	-61.8394778		On the property of Mount St. Johns Medical Center (site 4)	Project will install 40.95 kW PV to power hospital. At time of report submission. the project is carrying out geotechnical surveys of identified site.
Mount St. John's Medical Center	17.1159138	-61.8389915		On the property of Mount St. Johns Medical Center (site 5)	Project will install 76.44 kW PV to power hospital. At time of report submission. the project is carrying out geotechnical surveys of identified site.

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Mount St. John's Medical Center	17.1157517	-61.8385353		On the property of Mount St. Johns Medical Center (site 6)	Project will install 51.33 kW PV to power hospital. At time of report submission. the project is carrying out geotechnical surveys of identified site.
Mount St. John's Medical Center	17.1161599	-61.8383012		On the property of Mount St. Johns Medical Center (site 7)	Project will install 101.33 kW PV to power hospital. At time of report submission. the project is carrying out geotechnical surveys of identified site.
Mount St. John's Medical Center	17.1168623	-61.8382171		On the property of Mount St. Johns Medical Center (site 8)	Project will install 51.33 kW PV to power hospital. At time of report submission. the project is carrying out geotechnical surveys of identified site.

Please provide any further geo-referenced information and map where the project interventions is taking place as appropriate. *

[Annex any linked geospatial file]