

CARICOM CLIMATE CONNECT

Caribbean Community Climate Change Centre Quarterly Newsletter



ABOUT THE GCF



The Green Climate Fund's (GCF) aim is to expand collective human action to respond to climate change. The Fund aims to mobilize funding at scale to invest in low-emission and climate-resilient development on our home planet. The Green Climate Fund was established by 194 countries party to the UN Framework Convention on Climate Change in 2010. It is designed as an operating entity of the Convention's financial mechanism and is headquartered in the Republic of Korea. It is governed by a 24 Board member Board, representing countries, and receives guidance from the Conference of the Parties to the Convention (COP). Created by the United Nations Framework Convention on Climate Change (UNFCCC), the Fund aims to support a paradigm shift in the global response to climate change.

It allocates its resources to low-emission and climate-resilient projects and programmes in developing countries. The Fund pays particular attention to the needs of societies that are highly vulnerable to the effects of climate change, in particular Least Developed Countries (LDCs), Small Island Developing States (SIDS), and African States.

INSIDE

ABOUT GCF

CCCCC ACCREDITATION

FIVE READINESS PROJECTS

WATER SECTOR RESILIENCE NEXUS FOR SUSTAINABILITY IN BARBADOS (WSRN S-BARBADOS)

VISIT WITH BELIZE SUGAR INDUSTRY (BSI)

PARTNERSHIP WITH INSMET

BELIZE ROUND-TABLE DISCUSSION

SPECIAL FEATURE

UPCOMING EVENTS



**Caribbean Community
Climate Change Centre**

Over the next five years, it will manage climate change projects and programmes in the region of almost US\$ 50 million, including in areas that they already have experience in: early warning systems, water and energy security, agriculture and food security, resilient health-care facilities, climate-resilient buildings, and ecosystem-based adaptation. If approved, the disbursement will be through CCCCC, which will also have the responsibility for oversight and management of the implementation of project.

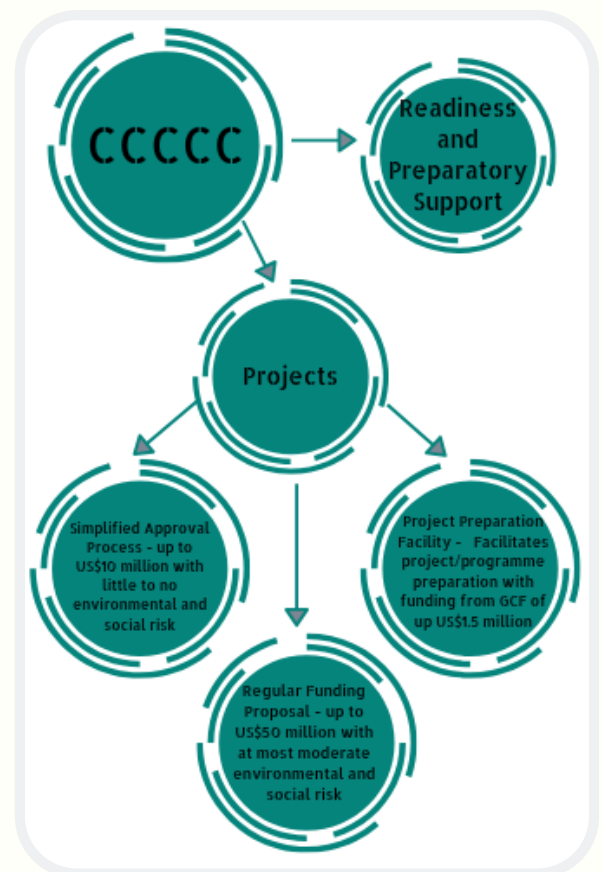
CCCCC ACCREDITATION

On July 9, 2015, the Caribbean Community Climate Change Centre (CCCCC) was accredited to GCF as a Regional Implementing Entity (RIE). Its work is focused on Small Island Developing States in the Caribbean and on improving the region’s framework for and activities that address climate change.

Key activities that CCCCC engages in with its member states include raising awareness on climate change, building capacity to analyse climate change impacts across various sectors, and identifying adaptation and mitigation opportunities; developing and implementing mitigation and adaptation projects in the region; and providing policy advice and support during events such as the international climate change negotiations.

CCCCC has built strong relationships with institutions across the region and internationally in order to deliver effective solutions and projects.

CCCCC sought accreditation to the GCF to undertake and scale up both mitigation and adaptation projects across the region in order to drive a paradigm shift in the region’s development patterns.



READINESS PROJECTS

Readiness Projects are developed to aid Entities in using the resources received from GCF to strengthen their engagement with the Fund and tap its full potential in supporting impactful climate actions

BELIZE READINESS

Duration: 2 years (2018-2020)

GCF Approved Funding: USD \$355,365.00

The Belize Readiness Project is aimed at supporting the country by strengthening its capacities to effectively access, manage, disburse, and monitor climate financing, and facilitate the preparation of national institutions to administer resources provided by GCF. Based on previous efforts, activities implemented helped to identify procedures for nominating National Entities seeking accreditation from the GCF.

The Belize Readiness seeks in helping National Entities wanting to obtain GCF accreditation in different areas such as Environmental, Social Safeguards (ESS), the GCF Gender Policy, and Project Development.

This project comprises of three main outcomes:

1. Institutional Capacity and coordination mechanism strengthened to govern and coordinate climate finance
2. County programming process: Stakeholder engaged in a consultative processes; Gender issues considered in climate finance programming
3. Direct access to climate finance: Direct Access Entity's (DAE) Work Programme alignment with Country Programme.

GRENADA READINESS

Duration: 2 years (2018-2020)

GCF Approved Funding: USD \$399,929.00

Grenada has benefited from two Readiness and Preparatory Support from the Green Climate Fund (GCF) in which National Designed Authorities (NDA) have been strengthened during the implementation of the project. This Readiness Project is complementary in providing a strong support in Grenada. The main focus is on strengthening the institutional and technical capacity to implement sustainable projects approved by the GCF.

This project comprises of three main outcomes:

1. Institutional capacity and coordination mechanism in place to govern and coordinate climate action finance
2. Country programming process, which involves Stakeholder engagement consultative process, and the identification of climate technology solutions according to national strategies and climate change plans.
3. Climate finance strategies and project pipeline strengthened

The implementation of this project will bring several benefits empowering Grenada to develop and implement sustainable projects related to the GCF in engaging NDAs, Organizations and other Ministries.

CCCCC READINESS

Duration: 3 years (2019-2021)

GCF Approved Funding: USD \$1,802,657.00

Since 2005, the Caribbean Community Climate Change Centre (CCCCC) has been at the forefront of mitigation and adaptation projects and efforts as a response of the CARICOM countries to climate change and global warming. The CCCCC recognizes the need to be well prepared to better support CARICOM countries through building capacity by expand knowledge resources and institute policies to develop resilience to climate change.

There are five objectives of the CCCCC Readiness Project:

1. To strengthen CCCCC, essentially the Programme Development Unit (PDMU), and CARICOM Member States capacity
2. Enhance stakeholders' engagement to accelerate country-driven adaptation and mitigation projects
3. CCCCC aims at maintaining and/or upgrade its' accreditation with GCF
4. Enhance CCCCC's capacities in supporting CARICOM countries during the process of Concept Notes' and Funding Proposals' development; and
5. Mobilize private sector in supporting Low-Carbon and Climate-Resilience development in CARICOM countries

HAITI READINESS

Duration: 3 years (2019-2021)

GCF Approved Funding: USD \$403,390.00

Haiti has been granted two Readiness and Preparatory Support Projects which have helped to create resilience and adaptation to reduce vulnerability. The first Readiness Project focused on enhancing the institutional capacity of the National Designed Authority/Focal Point, strengthening National Entities, and building financial management capacity to qualify for accreditation with the GCF. The second provided support for the Private Sector to align the Country Programme with National Policies and needs taken into account.

The past projects have paved the way for this Haiti Readiness Project: *"Institutional Strengthening and Preparatory Support for the Republic of Haiti"*. It will support Ministerial Institutions and organizations to identifies adaptation priorities in integrated water resource management, coastal zone management and rehabilitation of infrastructure, food security, and, information, education and awareness.

SAINT LUCIA READINESS

Duration: 3 years (2018-2020)

GCF Approved Funding: USD \$375,100.00

The Government of Saint Lucia has recognized the importance of building resilience within the country; thus, the Department of Economic Development, Transport and Civil Aviation (DEDTCA) has been designated as the National Designed Authority (NDA) in supporting its long-term growth and national development objectives to access climate resources such as the Green Climate Funding (GCF).

This Readiness is focusing on the following activities:

1. Strengthening the institutional capacity of the NDA to undertake its GCF-related roles and responsibilities
2. Elaborating a strategic framework (country programme) for engagement with the GCF;
3. Paving the way for direct access through technical assistance and capacity building support of a suitable national institution to gain GCF accreditation.

Water Sector Resilience Nexus for Sustainability in Barbados (WSRN S-Barbados)

Duration: January 2019-March 2024
GCF Approved Funding: US \$27,600,000.00
Estimated Cost: US \$45,200,000.00

The Caribbean Community Climate Change Centre, in collaboration with the Barbados Water Authority (BWA), is implementing the project Water Sector Resilience Nexus for Sustainability in Barbados (WSRN S-Barbados). This initiative equips Barbados with alternative mechanisms to increase water capacity using renewable energy (by installing photovoltaic solar and natural gas power for the pumping stations), rainwater harvesting, water storage, supporting adaptation funding, and raising awareness about Climate Change and the water cycle. This project includes several aims related to develop resilience to severe weather impacts, reduce greenhouse gas emission, reduce consumption, and the promotion of diverse water sources and legislation.

The WSRM S-Barbados project includes four main outcomes:

1. Increasing resilience to meteorological events, and reducing carbon footprint involving renewable energy into the water supply system (photovoltaic power and natural gas).
2. Establishing an adaptation and mitigation fund from the energy saving of the Outcome
3. Encompassing sustainable Water Loss Reduction (WLR), water storage, and rainwater harvesting initiatives.
4. Comprising building capacity and raising public awareness.

The implementation of this project considers several economic, social, and environmental implications. Economically, this project would reduce energy costs to the BWA resulting in savings, less investment on leakages due to the replacement of 20km of mains. Socially, it would benefit raising awareness in the community on water conservation, developing pro-poor water affordability initiatives, creating employment and a gender driven development. Environmentally, this project seeks to improve resilience against Climate Change and extreme events and reducing carbon emissions using renewable sources.

This project will help Barbados to align with the sustainable goals that are crucial to the entire country. In sustainability terms, the project has an estimated lifespan of 30 years in which it will contribute to implement climate action, clean water sanitation, affordable clean energies, and work development to the national economy.

Visit with Belize Sugar Industry (BSI)

February 21 - 22 - CCCCC Visit with Sugar Industry Stakeholders

Prior to this visit, on January 23-24, BSI and CCCCC had a GCF Procedures Familiarization Meeting that allowed CCCCC to provide guidance on GCF project development criteria and approval process. Full review was done of the Simplified Approval Process (SAP), GCF investment strategy and framework. Full review was done of the Simplified Approval Process (SAP), GCF investment strategy and framework.

CCCCC also provided detailed guidance on identifying the barriers of the project; walk through of what the proposed solutions and activities were, to define outcomes and outputs of the project. Resulting from this session, an overview "Theory of Change" document was developed, for further consultation with stakeholders. no – GIS Data Processing Officer. Representatives of the Cane farmers associations and BSI were also present.

A complete stakeholders and engagement meeting was organized to review concepts in the Theory of Change and to seek their involvement in the project development process. The team met with representatives of the Sugar Industry Research & Development Institute (SIRDI). SIRDI is the research arm of the industry and is quasi-governmental.

Representatives present were Mr. Marcos Osorio - Director, Mr. Luciano Chi - Research Coordinator, Mr. Jeffrey Joseph – Agriculture Engineer Coordinator and Mr. Devon Saldano – GIS Data Processing Officer. Representatives of the Cane farmers associations and BSI were also present.



BSI explained to SIRDI the objective of the visit and the progress made on the project development process. Together the team reviewed items that SIRDI could support as it relates to the project objectives. SIRDI were supportive and welcoming of the project proposal and expressed commitment in working together with BSI and CCCCC. Key areas in which SIRDI could contribute are - varietal and nursery establishment, development of biological control for

pests through its biological laboratory as well as support in the information system development. CCCCC indicated that the project concept had to meet climate change criteria but with themes of Adaptation and Mitigation. They assist in writing the project for submission to GCF with the potential of obtaining up to US\$10M in grant funding. Although there was already a project concept established, the objective was to have the participation of the main players of the sugar industry.



Mr. Osorio presented an overview of SIRDI, including how they came into existence and the role they play within the sugar industry. They highlighted the different ongoing SIRDI projects such as the varieties research program, pest control, soils lab, farmer field school (FFS) and sugar industry information systems. They indicated collaboration with the Development Finance Corporation (DFC) in providing technical support to farmers under an EU funded project known as the Sugar Cane Replanting Program (SCRIP). CCCCC discussed the role of SIRDI for the project implementation structure. SIRDI agreed in principle to participate in the project and to play an active role as well as source possible co-financing.

INSMET Partnership with CCCCC

The Caribbean Community Climate Change Centre (CCCCC) and its partner the Meteorological Institute (INSMET) in Cuba, conducted a series of training workshops between February 11 and March 14, 2019 to assist Belize with its National Communication to the United Nations Conference on Climate Change (UNFCCC).

Fourth Annual Communications Workshop

February 20, 2019 - A National Communication Partnership Workshop facilitated by Dr. Eduardo Planos, Director for Cuba's Third National Communication, from INSMET and Dr. Abel Centella, Director of INSMET, was held at the George Price Center for Peace and Development in the City of Belmopan.

The intentions of the workshop was to build the capacity of technical officers from various relevant Government Ministries and Departments in the area of coastal zone and sea level by focusing on measurement tools, statistical analysis and modelling methods, and community engagement.

The workshop was carried out as part of the Fourth National Communication and First Biennial Update Report Project to the United National Framework Convention on Climate Change (UNFCCC) which is being implemented by the National Climate Change Office (NCCO) to supplement existing national activities geared towards building Belize's Climate Resilience.

Fourteen representatives attended from Institutions including the National Meteorology Service, National Climate Change Office, CCCCC, Ministry of Housing and Urban Development, Ministry of Public Works, National Emergency Management Organization (NEMO), Fisheries Department and National Hydrological Service (NHS).



Climate Modelling Consultation Meetings for Agriculture, Water, Coastal Zone and Fisheries Sectors Workshop

February 26 to March 1, 2019 - Climate Modelling consultation and meetings were held with officers in the Agriculture, Water, Coastal Zone and Fisheries Departments of the Government of Belize. These meetings were hosted by CCCCC in partnership with the Cuban Institute of Meteorology (INSMET), the National Climate Change Office (NCCO) and the United Nations Development Programme (UNDP).



These meetings were held in CCCCC Training Room focusing on determining the climate modelling data needs for key sectors such as the Water, Agriculture, Coastal Zone and Fisheries to produce sector-specific climate impact maps.

These sectors will be explored as part of Belize's Sector-Based Vulnerability and Adaptation Assessment that is to be conducted under Belize's Fourth National Communication and First Biennial Update Report to the UNFCCC Project. This is being implemented by the NCCO. The sessions, included consultation with stakeholders and personnel within a sector.

Gender and Communication Workshop

March 13 & 14 - A two-day Gender and Communication Workshop was held at the National Agriculture and Trade Show Grounds' Conference Room in the City of Belmopan, Belize. The facilitators were Mrs. Martha Fernandez, Information and Communication Specialist of the Cuban Institute of Marine Sciences (ICIMAR), and Dr. Elizabeth Miranda, Senior Professor in the Latin American Faculty

for Social Sciences (FLACSO), University of Havana. The workshop aimed to build the capacity of Technical Officers from the sectors involved in the Fourth National Communication by looking at the various gender integrated approaches, communication strategies and communicative products that were utilized by Cuba's Third National Communication that can be taken into account for Belize's National Communication.



Belize Round-table Discussion in preparation of the Country Programme for Engagement with the Green

March 15, 2019 - CCCCC hosted a Round-table discussion with personnel's representing nine entities from Belize, all with common interest in developing, expanding and improving projects. Of the nine entities, five made presentations on projects that required improvement.

Ministry of Agriculture presented an already approved project titled *"Resilient Rural Belize"* and point of conversation focused on financing mechanisms. At present, Southern Environmental Association (SEA) - *"Enhancing Coastal and Reef Resiliency of the southern Barrier Reef Complex"* is seeking re-granting request from the GCF due to being a small scale project.

Inter-American Institute for Cooperation on Agriculture's (IICA) project *"Establishing Climate Change Resilient Model Communities across Belize"* is still under internal review and the Concept Note is being developed. Potential collaborating entities are PACT, Ministry of Agriculture and Y'axche Conservation Trust.



The Belize Sugar Industry (BSI) presented on *"Transforming the Belize Sugar Industry into a Robust, Competitive and Green Climate Resilient Industry"*. This five year project is a scaling up of three pilot projects and came about due to the lack of funding scheme for resilience to climate shocks. The CCCCC is chosen as the Accredited Entity. This budget reflects a total of US\$18.5 million with GCF supplying US\$10 million grant request and US\$8.5 million counter-funding from the Sugarcane Farmers' Associations.

Toledo Institute for Development and the Environment (TIDE) made a presentation on *"Enhancing Existing Protected Areas Management as a Means of Climate Change Adaptation and Mitigation in Southern Belize"*. Recommendations were made to link the project with Southern Environmental Association (SEA) project mainly because of size, geographical proximity and its Objective 2- Conduct coral reef restoration in Port Honduras Marine Reserve.



SPECIAL FEATURE

Getting to know the people you work with

CCCCC DEPUTY DIRECTOR AND SCIENCE ADVISOR

Dr. Ulric Trotz achievements are wide and varied. From 1991 to 1997, he was the Director of the Science Division and Science Advisor to the Commonwealth Secretary General at the Commonwealth Secretariat. Since then, he has been spearheading efforts in the Caribbean for Climate Change Adaptation. He has presented a wide range of papers and lectures on the subject regionally and internationally and he was a Review Editor for the Small Islands Chapter for the Nobel Prize winning Fourth Assessment Report of the Inter-governmental Panel on Climate Change.





UPCOMING EVENTS



Green Climate Fund - Caribbean
Private Sector Engagement Workshop
2-4 April 2019
Montego Bay
Jamaica



Training Workshop
15 -16 April 2019
St. Lucia



Korea Global Adaptation Week
8-12 April 2019
Songdo Convensia
Republic of Korea



Stakeholder Consultations on the
Country Programme for Castries
and surrounding communities
17 April 2019
St. Lucia



Consultation on the Stakeholder
Engagement Plan and the
Communications Strategy
12 April 2019
St. Lucia



Green Climate Fund Visit
6-10 May 2018
Belize

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