Supporting Adaptation in the Caribbean

Regional Dialogue on NDCs for the Caribbean

Carlos Fuller
International and Regional Liaison Officer
The Regional Framework for Achieving Development Resilient to Climate Change (1 of 2)

The Regional Framework:

“Establishes and guides the Caribbean’s direction for the continued building of resilience to the impacts of global climate change by CARICOM States”.

Articulates the strategic direction for the region’s response to climate change risks.

Approved by the CARICOM Heads of Government at their meeting in Georgetown, Guyana in July 2009.
Mainstreaming Climate Change into the SUSTAINABLE DEVELOPMENT AGENDA and work programmes of public and private institutions in all Caribbean Community countries at all levels.

Promoting systems and actions to REDUCE THE VULNERABILITY of Caribbean Community countries to global Climate Change wherever possible.

Promoting measures to DERIVE BENEFIT FROM THE PRUDENT MANAGEMENT of forests, wetlands, and the natural environment, in general, and to protect that natural environment.

Promoting actions and arrangements to REDUCE GREENHOUSE GAS EMISSIONS, including those aimed at energy-use efficiency by increasingly resorting to low-emission renewable energy sources.

Promote implementation of SPECIFIC ADAPTATION MEASURES to address key vulnerabilities in the Region.
The Implementation Plan (IP) for the Regional Framework, defines the regional strategy for coping with Climate Change over the period 2012-2022

Approved by the 23rd Inter-Sessional Meeting of CARICOM Heads held in Suriname 8-9 March, 2012.
Sectors Identified in the IP

- Water
- Coastal and marine
- Energy
- Tourism
- Health
- Agriculture and food security
- Forest
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- Health
- Energy
- Tourism
- Coastal and marine
- Water
Adaptation Measure Identified –
Installation of a SWRO potable water system powered by renewable energy in Paget Farms area of Bequia

Issue
• Small island
• Limited potable water
• Water barged during dry season
• Population carry water using buckets
• Models project reduced rainfall
The Carriacou and Petite Martinique Systems
The Caye Caulker, Barbados, Carriaco and Bequia PV Systems
Reduced availability of fresh water

• Pilot Intervention - Vieux Fort, Saint Lucia
• Adaptation – Installation of Water Conservation System at the Coconut Bay Resort (2nd largest consumer of water in the Vieux Fort area)
The Marchand Community Centre, Saint Lucia

- The project was designed to provide engineering guidelines to policy makers in the upgrading of the Caribbean Uniform Building Code (CUBIC).
- In discussions with the Government of Saint Lucia a community building was selected on which a comprehensive engineering analysis was to be conducted.
- The analysis would provide engineers and architects with the information needed to strengthen the building to be able to withstand the wind forces of at least a category 4 Hurricane.
- In addition to the engineering retrofitting, the redesign included a backup renewable PV energy supply, rain water harvesting storage system and a communication system in the event of a storm-related loss of power and water due to a storm.
Ya'axche, Toledo, Belize Agroforestry Project

• The primary objective of the project is to enhance the adaptive capacities of a rural community and to alleviate pressure on natural resources from the impacts of climate change in Belize.

• The project comprised of four Activities details of which are given below:
  
  – Activity 1:
  – Reduce the rate of deforestation for agricultural conversion and hence reduce vulnerability of local communities to climate change effects within the MGL.

  – Activity 2:
  – Arrest the degradation of the water catchment area in Maya Mountain North Forest Reserve

  – Activity 3:
  – Reduce the occurrence of wildfires within Toledo’s rural communities

  – Activity 4:
  – Awareness building of climate change and adaptation measures

1. 5Cs staff conducting a field inspection of project progress
2. Water cistern for cacao nursery
2. A villager involve with the project
Revising the Regional Strategy and IP

• Regional consultations underway

• Can the Implementation Plan revision be synchronized with the NDC cycle?
  – Every 5 years?