

Global Climate Change Alliance

Enhancing Belize's resilience to
adapt to the effects of Climate
Change



Outline

- **GCCA Grant to Belize**
 - **Description**
 - **Objectives**
 - **Expected Outcomes**
- **Climate Change Policy in Water Sector**
- **Main Activities**
- **Way Forward**



Description

- € 2.9m
- 36 months
- UNDP Belize
- **Main stakeholders:**
 - Ministry of Natural Resources and Environment,
 - Ministry of Economic Development, Commerce and Industry, and Consumer Protection
 - Ministry of Labour, Local Government and Rural Development
 - Caribbean Community Climate Change Centre,
 - National Emergency Management Organization,
 - United Nations Development Programme,
 - Belize Red Cross



Grant Objective

- **To enhance adaptive capacity and resilience to climate change in national policies, including the water sector in Belize.**



Specific Objectives

- To improve the resilience to climate change by means of interventions in the water sector which are consistent with other on-going initiatives.
- To enhance GOB institutional capacities related to climate change.
 - provide support for the establishment of a climate change office that will provide economic, social and environmental expertise to meet the Government's objectives as required for the implementation the UNFCCC, its Protocol and the Post Kyoto measures.



Climate Change Policy in the Water Sector

- **2008- National Integrated Water Management Policy**
- **2009- National Adaptation Strategy to Address Climate Change- MACC Project**
- **2010- Water Policy and Strategy**
- **Project to support implementation of National Integrated Water Management Policy**



Expected Outcomes

- **Result 1:** Increased resilience in the water sector against potential climate change impacts
- **Result 2:** To enhance the institutional capacity of the Government of Belize to deal with matters related to climate change



Main Activities

- **Setting up a water management system to monitor quality and quantity of natural water resources based on national adaptation strategy to address Climate Change in the Water Sector**
- **Replanting of trees, crops and mangroves at strategic locations to prevent or limit soil erosion and coastal degradation**
- **Community based watershed management and flood protection activities such as river training, construction of small scale check-dams, drainage**
- **Measures to guarantee a sustainable water supply such as: facilities for rain water collection; creation of wells at strategic locations, etc. using appropriate innovative technologies**



Main Activities

- **Provide support to strengthen the climate change office**
- **Identify and agree on a standard Community Risk and Vulnerability Analysis tool and methodology, train field staff; special focus on water management and DRR**
- **In-depth socio-technical study on current and future climate risks and impacts on agricultural sectors and use the study outcomes for the agricultural development strategies and planning.**
- **Improve staff expertise and service quality**



Main Activities

- Selection of appropriate climate change impact models, in cooperation with specialized partners such as CCCCs
- Provide advice on formulation and implementation of policies, strategies and action plans for climate change adaptation
- Support participation in UNFCCC negotiations and other gatherings
- Design and coordinate national awareness campaigns to climate change adaptation and mitigation among key stakeholders

Way Forward

- **Development National Climate Change Strategy and Action Plan- UNDP Country Programme TRAC**
 - **Complete revision of draft Government of Belize National Adaptation Policy**
- **Establish Climate change Secretariat**
- **Some functions could include:**
 - Supports the BNCCC by organizing meetings, producing report and monitoring implementation of the BNCCC decisions
 - It is a central point of contact for the climate change programme in Belize and any other climate change initiatives
 - Liaise with existing and potential donors in order to mobilize fund



Way Forward

- Will provide leadership in strategic planning for the Climate change programme in Belize
- Raising awareness of, and championing Climate change programme in Belize and providing information to external partners
- Facilitates inter-agency collaboration and communication, to ensure that the programme is implemented effectively.
- **Establish a dedicated climate change office**



Thank you for your attention