

# THE CARIBBEAN COMMUNITY CLIMATE CHANGE CENTRE (CCCCC)

Addressing Climate Change and  
Climate Variability in the  
Caribbean

Presented by  
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# THE CARIBBEAN COMMUNITY CLIMATE CHANGE CENTRE (CCCCC)

AN INSTITUTION  
FOR THE FUTURE

January 18, 2007  
Washington, DC

# Milestones of the CCCCC

- Establishment of Centre endorsed by Heads of Government July 2002 with the following conditions:
  - It must be **Financially** independent
  - Responsible to coordinating the regional response to climate change
- January 2004 saw the start of making the Centre a reality.
- July 2005 the Centre demonstrated initial financial viability.

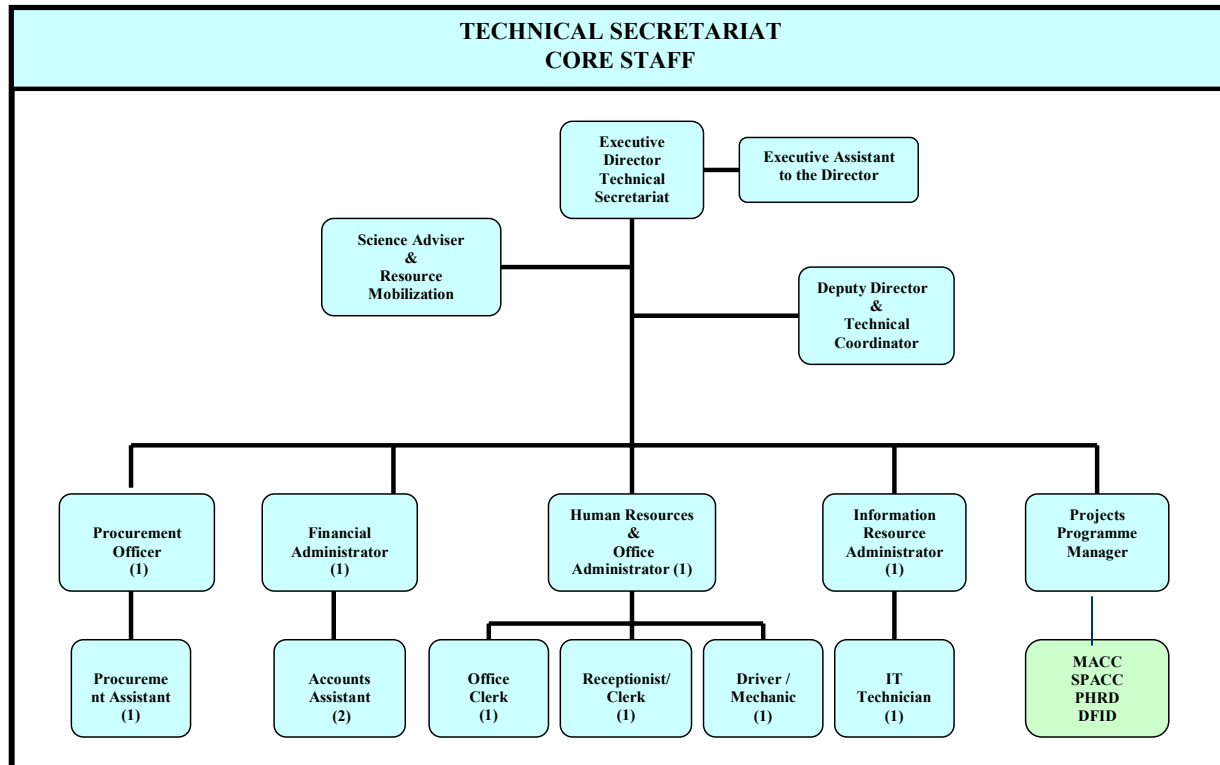
# Achieving Financial Viability

- **Achieving financial viability and sustainability in the shortest possible time required two things:**
  - **A small but effective organizational structure, and**
  - **a viable financial plan.**

# Developing an Effective Organization

- An incremental approach used in the development of an effective and sustainable organization.
- Personnel (type and number) based on needs:
  - Staff of 2 in 2004 (Director and Assistant)
  - Staff of 8 in 2005
  - Staff of 16 November 2006
    - Technical (4)
    - Information Management (2)
    - Financial management (3)
    - Procurement (2)
    - Administration (5)

# THE TECHNICAL SECRETARIAT STAFF



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# Its Governance

- **THE CLIMATE CHANGE CENTRE IS A CARICOM SPECIALIZED AGENCY WITH AN INDEPENDENT MANAGEMENT.**
- **THE MANAGEMENT COMPRISES:**
  - **A GOVERNING COUNCIL OF MINISTERS OF MEMBER GOVERNMENTS WITH RESPONSIBILITY FOR ENVIRONMENTAL POLICY MATTERS**
  - **A BOARD OF DIRECTORS WITH RESPONSIBILITY FOR STRATEGIC PLANNING**
  - **A TECHNICAL SECRETARIAT HEADED BY A DIRECTOR WITH RESPONSIBILITY FOR TACTICAL PLANNING**

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# LEGAL Status of the Centre

- **Article 20 of the AGREEMENT ESTABLISHING THE CARIBBEAN COMMUNITY CLIMATE CHANGE CENTRE (CCCCC) States:**
  - **1. The Centre shall possess full juridical personality and, in particular, full capacity to:**
    - contract;
    - acquire and dispose of moveable and immoveable property;
    - institute legal proceedings.
  - **2. The Centre may enter into agreements with Members, third States and other international organisations for the achievement of its objectives.**
  - **3. In any legal proceedings, the Centre shall be represented by the Director.**



# MISSION

THE CENTRE'S PRIMARY FUNCTION IS TO SUPPORT THE PEOPLE OF THE REGION AS THEY ADDRESS THE IMPACT OF CLIMATE VARIABILITY AND CHANGE ON ALL ASPECTS OF ECONOMIC DEVELOPMENT.

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# Role of the Centre

**PROVIDING TIMELY FORECASTS AND ANALYSES OF POTENTIALLY HAZARDOUS IMPACTS OF NATURAL AND HUMAN-INDUCED CLIMATIC CHANGES ON THE ENVIRONMENT, AND TO DEVELOP SPECIAL PROGRAMMES WHICH CREATE OPPORTUNITIES FOR SUSTAINABLE DEVELOPMENT.**

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# FOCUS

- REGIONAL CLEARING HOUSE COMMUNITY-LEVEL INTERFACE
- MECHANISM FOR CONTINUOUS ENVIRONMENTAL SCAN
- COLLABORATIVE INITIATIVES
- JOINT-PROGRAMME DEVELOPMENT
- PRIVATE SECTOR POLICY ADVISORY SERVICE
- CONSULTANCY SERVICES
- TRUST FUND DEVELOPMENT

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# OPERATIONAL STATUS

- LOCATED IN BELMOPAN, BELIZE.
- FULLY OPERATIONAL SINCE January 2005
- COMPLEMENTING THE TECHNICAL CAPACITY OF THE CENTRE IS A REGIONAL TECHNICAL ADVISORY TEAM (RTAT) WHICH COMPRISES REGIONAL CLIMATE CHANGE EXPERTS.

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# Institutional Support

- Institutional support provided by:
  - The Government of Belize
  - The Government of Barbados
  - The Government of Italy, and
  - UNEP

# Institutional Alliances

- University of Louisville (Kentucky, U.S.A.)
- Florida International University (U.S.A.)
- University of the West Indies
- University of Belize
- Potsdam Institute for Climate Impact Research
- United Kingdom Hadley Centre
- Meteorological Research Institute, Japan
- United Nations Institute for Training and Research

# Projects the Centre currently Executing

- The MACC project
  - Implementing Agency – World Bank
  - Project Duration 2003 – 2008
  - Project budget US\$10 Million
- The SPACC project
  - Implementing Agency – World Bank
  - Projection Duration 2007 – 2011
  - Project budget US\$5.14 Million
- Japanese Trust Fund PHRD Project
  - Implementing Agency – World Bank
  - Project budget US\$340,000
- UNFCCC Second National Communications Regional Support
  - Implementing Agency UNDP

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# Other Projects Executed by the Centre

- USAID Project
  - Project budget US\$300,000
- WB/GEF PDF-B project
  - Project budget US\$300,000



# Activities of the Centre

- Joint sponsorship of workshops and symposiums on climate change related issues;
- Provide Financial and other support to graduate Students:
  - Post Doctorate studies
  - Graduate studies at UWI
  - Undergraduate studies at UWI
- Providing technical advise to regional governments on climate change related issues.

# Modeling Activities

**Belize – Sept 25-29, 2006**

- The GCM's resolution of 300 km cannot resolve the small islands of the Caribbean.
- The Centre is collaborating with other institutions in the use of downscaling regional models to look at future climate scenarios.
- Collaborating Institutions include:
  - Hadley Centre
  - University of the West Indies
  - INSMET in Cuba
  - CATHALAC in Panama



**Cuba – Dec 4 – 10, 2006**

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**Five-year development programme for  
implementation through collaborative  
efforts with donor countries and  
institutions**

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# INFORMATION AND EARLY WARNING-RELATED PROJECTS

- Develop Early Warning Regional Drought Forecast Model
- Develop Climate Change Sectoral Impact Models
- Clearing-house for Climate Change information in the Caribbean
- Modeling of sea level rise in the Caribbean, east-west

# RESEARCH & DEVELOPMENT-RELATED PROJECTS

- Develop Think-Tank Teams
- Caribbean Climate Change Journal Two-Year Pilot Project

# EDUCATION-RELATED PROJECTS

- Internship Programme for M.Sc Students at UWI
- Develop modules for use in distance education projects.

# HAZARD MITIGATION AND VULNERABILITY-RELATED PROJECTS

- Inventory of communities at risk from negative impacts of climate change and maintaining and updated database/inventory.
- Hazard Mitigation Planning, Policy, and Capacity Building Pilot Project

# HURRICANE AND FLOOD-RELATED PROJECTS

- Hurricane Retrofitting Survey/Study
- High Resolution Bathymetric Mapping of coastal waters of the 15 Members States of CARICOM
- High Resolution Topographic Mapping of coastal areas of the 15 Member States of CARICOM
- High Resolution Topographic Mapping of catchments areas

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**THE CARIBBEAN COMMUNITY  
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**Thank You**

