

UNFCCC ARTICLE 6 INITIATIVES IN THE CARIBBEAN COMMUNITY REGION



**Presented to the SIDS Workshop on
UNFCCC Article 6 Implementation**

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by

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**UNFCCC ARTICLE 6
INITIATIVES IN THE
CARICOM REGION**

PRESENTATION OUTLINE

- **The UNFCCC Article 6 Work Program**
- **Article 6 Work Program Elements**
- **UNFCCC Article 6 Implementation in the CARICOM Region**
- **Future Approach To Implementation in the Region**
- **Conclusions**



**THE UNFCCC ARTICLE 6
WORK PROGRAM**

ARTICLE 6 WORK PROGRAM

- **RECOGNIZES:**

- 1. The importance of engaging all stakeholders and major groups in the development and implementation of policies consistent with sustainable development goals*

ARTICLE 6 WORK PROGRAM

- **RECOGNIZES:**

2. *The need to establish country-driven work programs that enhances cooperation, coordination and exchange of information among governments, IGOs, CBOs, public and private sectors*

ARTICLE 6 WORK PROGRAM

- **RECOGNIZES:**

3. *The need for adequate financial and technical resources to ensure effective implementation and for strengthening or establishing climate change secretariats or national focal points in developing countries*

ARTICLE 6 WORK PROGRAM

- **Implementation Is Guided By:**
 - 1. Country-driven approach*
 - 2. Cost effectiveness*
 - 3. Phased integration*
 - 4. Promotion of partnerships, networks and synergies*
 - 5. Inter-disciplinary, holistic and systematic implementation*
 - 6. Principles of sustainable development*



ARTICLE 6 WORK PROGRAM

ELEMENTS OF THE WORK PROGRAM:

- **EDUCATION**
- **TRAINING**
- **PUBLIC AWARENESS**
- **PUBLIC ACCESS TO INFORMATION**
- **INTERNATIONAL COOPERATION**

A scenic sunset over a river. The sun is low on the horizon, casting a golden glow across the sky and reflecting on the water. The sky is filled with soft, wispy clouds. The river flows from the foreground towards the background, with a sandy bank on the right. A golden decorative bar with diagonal lines is on the left side of the image.

**UNFCCC ARTICLE 6
IMPLEMENTATION THE
CARICOM REGION**



**ARTICLE 6
IMPLEMENTATION IN THE
CARICOM REGION**

**The Regional Public
Education and Outreach
Strategy**

PUBLIC EDUCATION AND OUTREACH STRATEGY

- **INITIATIVES BEGAN UNDER CPACC TO SUPPORT DEVELOPMENT OF NATIONAL ADAPTATION POLICIES**
- **REGIONAL PUBLIC EDUCATION AND OUTREACH (PEO) STRATEGY DEVELOPED UNDER THE ACCC PROJECT IN 2004**
- **THE MAIN RESPONSIBILITY FOR IMPLEMENTATION PLACED ON THE MACC PROJECT**

PUBLIC EDUCATION AND OUTREACH STRATEGY

VISION OF THE STRATEGY:

“Ensure that Caribbean citizens, the private sector and governments are aware of climate change and its potential impacts, and have the knowledge to support and conduct appropriate adaptation responses that enhance the economic and environmental potential of the region”

PUBLIC EDUCATION AND OUTREACH STRATEGY

OBJECTIVES:

- **Build awareness of climate change and its impacts in the region**
- **Promote policy changes that will assist the region to adapt to climate change**
- **Establish and strengthen linkages, capacity and access to information and resources on climate change**

PUBLIC EDUCATION AND OUTREACH STRATEGY

KEY MESSAGES TO BE DELIVERED:

- **Climate change is taking place – effects on communities and economic activities**
- **The SIDS and low-lying coastal states of the region are vulnerable to CC**
- **Adaptation to to climate change will reduce the costs and long-term impacts**
- **Adaptation to climate change is integral to sustainable development – social and economic impacts**

PUBLIC EDUCATION AND OUTREACH STRATEGY

TARGET GROUPS AND AUDIENCES:

- **Policy and decision makers (Govt.)**
- **Youth, educators and educational institutions**
- **The private sector**
- **Communities and community-based groups**
- **The media**

PUBLIC EDUCATION AND OUTREACH STRATEGY

APPROACH TO IMPLEMENTATION:

- **Utilize regional resources and expertise to support national activities**
- **Establish and maintain a PEO network to coordinate/collaborate on information dissemination**
- **Use 'Agents of Change and Champions' to reach the target audience**
- **Training of trainers to broaden scope and reach of the message delivery**

PUBLIC EDUCATION AND OUTREACH STRATEGY

IMPLEMENTATION - MACC/ACCC/CCCCC

- **Resources provided to help national entities identify needs**
- **Provided capacity building and training opportunities in PEO**
- **Provided TA to NFPs, NGOs and CBOs to access UNDP/GEF SGP**
- **Developed media tool kits to help NFPs and others in implementation**

PUBLIC EDUCATION AND OUTREACH STRATEGY

IMPLEMENTATION - MACC/ACCC/CCCCC:

- **Established and maintained website caricomclimate.org**
- **Maintain central clearing house and depository for information and materials**
- **Handbooks developed for journalists and meteorological professionals (in process)**
- **MainstreamM Newsletter (published 4 times)**
- **Mobilize resources from external agencies to support regional PEO efforts**

PUBLIC EDUCATION AND OUTREACH STRATEGY

IMPLEMENTATION - MACC/ACCC/CCCCC:

Additional PEO activities to be undertaken to the end of the MACC project include:

- **Production of public awareness materials**
- **Preparation and dissemination of technical reports**
- **Preparation and strategic use of media releases**
- **Dissemination of other relevant and available climate change information from non-MACC/CCCCC sources**

Mainstreaming Adaptation to Climate Change (MACC) Project



concepts and issues
in climate change



*a handbook for
caribbean journalists*

Parties on the
United Nations Framework
Convention on Climate
Change

Change



PROGRESSIVE NEW STUDIES LAUNCHED IN THE CARIBBEAN

So what do people in the Caribbean really know about climate change? How do they feel about it? And most importantly, what do they actually do about it?

These are the questions that organisations in three Caribbean countries sought to answer through the completion of public

opinion surveys, which were then used to prepare Knowledge, Attitude, and Practice (KAP) studies.

The three countries were St. Vincent and the Grenadines, Jamaica, and Belize. The initiative was coordinated by the Mainstreaming Adaptation to Climate Change (MACC) Project and funded by the United States

(Special KAP Report continued on page 4)

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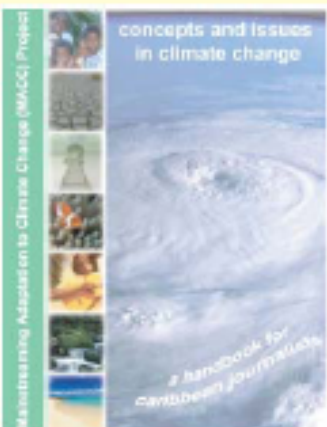
JOURNALIST HANDBOOK ON CLIMATE CHANGE NOW AVAILABLE

"Caribbean journalists, as a group, are more committed to regionalism and generally more devoted to our enduring and sometimes frustrating dream of a West Indian nation than any other stakeholder segment of our society."

This view by Dr. Ulric (Neville) O'D Trotz, Programme Manager of the Mainstreaming Adaptation to Climate Change (MACC) Project, provides both the preface to, and justification for, a Handbook for Caribbean Journalists on Concepts and Issues in Climate Change.

(continued on page 6)

Below: Handbook cover



PUBLIC EDUCATION AND OUTREACH STRATEGY

IMPLEMENTATION - MACC/ACCC/CCCCC: Lessons Learned

- **The level of success achieved in the implementation of the specific actions was limited by resource availability**
- **The timing of PEO implementation and the subsequent reduction in available resources under MACC affected the outcomes**

A scenic sunset over a body of water, likely a river or bay. The sun is low on the horizon, casting a warm orange and yellow glow across the sky and reflecting on the water's surface. The sky is filled with soft, wispy clouds. In the foreground, the water is dark blue with gentle ripples. The background shows a dark silhouette of a forested shoreline. On the left side of the image, there is a vertical gold-colored bar with a diagonal striped pattern.

**ARTICLE 6
IMPLEMENTATION IN THE
CARICOM REGION**

Public Access to Information

PUBLIC ACCESS TO INFORMATION

ROLES OF MACC/ACCC/CCCCC:

- The website caribbeanclimate.org was established in Barbados under the ACCC
- The establishment of MACC and the CCCCC in Belize resulted in logistic and control of quality problems
- The site was closed in 2005 and data lost
- CCCCC established a new site caribbeanclimate.bz in 2006

PUBLIC ACCESS TO INFORMATION

ROLES OF MACC/ACCC/CCCCC:

- **MACC/CCCCC established resource center for the deposit of printed materials on climate change which is accessible to limited clients at this time**
- **Plans are being implemented to develop the website further through the procurement of two servers (web and file) to upgrade existing site.**
- **Technical assistance and resource will be sought from UNFCCC to establish the clearing house**



**ARTICLE 6
IMPLEMENTATION IN THE
CARICOM REGION**

Training

FORMAL AND INFORMAL TRAINING

FORMAL TRAINING PROGRAM:

- MS course on climate change with the UWI/CERMES in Barbados
- Doctoral and post-doctoral studies in dynamic and statistical climate modeling for the UWI climate studies group
- Attempted input to influence the secondary schools curriculum

FORMAL AND INFORMAL TRAINING

INFORMAL TRAINING PROGRAM:

- Training in the use of selected climate models
- Training in use and maintenance of sea/land level equipment
- NOAA capacity building for CMS in operation of CREWS
- Training in coral reef monitoring
- Overseas short courses in various areas



MAINSTREAMING ADAPTATION TO CLIMATE CHANGE PROJECT (MACC)



GUYANA VULNERABILITY COUNTRY ASSESSMENT (VCA) "BIO-PHYSICAL MODELS AND CLIMATE CHANGE IMPACT ASSESSMENT ON AGRICULTURE" TRAINING WORKSHOP



In Collaboration With the University of Guyana
January 30 to February 9, 2007

Sponsored by the Mainstreaming Adaptation to Climate Change (MACC), through the Caribbean Community
Climate Centre (CCCCC) and supported by the Ministry of Agriculture.









**ARTICLE 6
IMPLEMENTATION IN THE
CARICOM REGION**

**ELEMENTS
IMPLEMENTED VIA
NATIONAL ACTIVITIES**

NATIONAL IMPLEMENTATION

- Objective was to develop national level strategies for implementation by individual countries
- Knowledge, attitude and practice studies and assessments were conducted to establish the baseline on which to build the strategy in all countries
- Adequate resources was not available to complete the development of the national level PEO strategies
- Article 6 activities also considered under national communications



**ARTICLE 6
IMPLEMENTATION IN THE
CARICOM REGION**

International Cooperation

CCCCC INTERNATIONAL COOPERATION

CCCCC 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

CCCCC INTERNATIONAL COOPERATION

CCCCC INSTITUTIONAL ALLIANCES

- United Kingdom Hadley Centre
- Meteorological Research Institute, Japan
- United Nations Institute for Training and Research
- Organization of American States (OAS)
- CICERO (Norway)
- CATHALAC (Panama)

Cooperation on climate modeling

- 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

Belize: Sept 25-29, 2006



Cuba: Dec 4 – 10, 2006



**ARTICLE 6
IMPLEMENTATION IN THE
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**THE CCCCC
ITS ROLE AND FUNCTION IN
ARTICLE 6 IMPLEMENTATION**

THE CCCCC

LEGAL STATUS & GOVERNANCE

- The Centre is full juridical person
- It is a CARICOM specialized agency with an independent board and management.
- The Management comprises
 - The CARICOM Council of Trade and Economic Development (COTED) that provides guidance on policy-related matters.
 - A Board of Directors with responsibility for strategic planning.
 - A technical secretariat headed by a Director with responsibility for tactical planning.

THE CCCCC ITS MISSION

The primary mission of the CCCCC is to support the people of the region as they address the impacts of climate variability and change on all aspects of economic and social development

THE CCCCC

ITS OBJECTIVES

- ◆ Providing comprehensive policy and technical support in the area of climate change and related issues as well as spearheading regional initiatives in those areas
- ◆ Enhancing regional institutional capabilities for the co-ordination of national responses to the adverse effects of climate change

THE CCCCC

ITS OBJECTIVES

- ◆ Performing the role of executing agency for regional climate change-related projects
- ◆ Promoting education and public awareness on climate change issues
- ◆ Facilitating regional consensus for negotiations related to the UNFCCC



**CARIBBEAN COMMUNITY
CLIMATE CHANGE CENTRE
(CCCCC)**

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**CARIBBEAN COMMUNITY
CLIMATE CHANGE CENTRE**



THE CCCCC ITS FOCUS

- Regional clearing house community-level interface
- Mechanism for continuous environmental scan
- Collaborative initiatives
- Joint-program development
- Private sector policy advisory service
- Consultancy services
- Trust fund development



THE CARIBBEAN COMMUNITY CLIMATE CHANGE CENTRE

ARTICLE 6 ACCOMPLISHMENTS AND PROJECTIONS

2004 - 2007

THE CCCCC

ARTICLE 6 ACTIVITIES

- 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 (OUTREACH AND MAINSTREAMING)

THE CCCCC

ARTICLE 6 ACTIVITIES

The CCCCC acts as the executing agency for a number of donor assisted projects with some level of Article 6 inputs and activities

- **Mainstreaming Adaptation to Climate Change (MACC) with twelve participating countries**
- **Special Project for Adaptation to Climate Change (SPACC) in three countries**
- **The DFID project to extend the MACC activities to the British Overseas Territories in the Region**

THE CCCCC

2007 OUTREACH ACTIVITIES

- Briefing to Organization of American States Diplomats in Washington, DC, January 2007
- Briefing on climate change-related issues to CARICOM Foreign Ministers (Belize 9 – 10 May 2007)
- Briefing to Heads of Government of CARICOM and Central America (Belize 12 May 2007)
- Joint sponsorship of CCCCC – UWI Conference on Climate Change Impacts on the Caribbean (Mona, Jamaica June 15 – 17)



THE CCCCC

2007 OUTREACH ACTIVITIES

- Briefing to the UK – Caribbean Business Community
- Climate Change And The Caribbean Economy: Threats And Opportunities June 8th, 2007 Trinidad Hilton, Port of Spain
- Sponsored regional telecast of presentation of IPCC WG2 Report, from CARICOM HQ, Guyana, May 2007
- Presentation to CARICOM Heads of Government Retreat In Barbados (July 1-4)

THE CCCCC EDUCATION PROJECTS

(Proposed)

- **Internship Program for M.Sc Students at UWI with Universities in Italy**
- **Develop modules for use in distance education projects in collaboration with Italian Institutions**
- **Peer reviewed Journal on Climate Change in the Caribbean**
- **Costing adaptation for the region (Stern-type report)**

FUTURE CARICOM REGION APPROACH TO ARTICLE 6 IMPLEMENTATION

● CC INFORMATION OFFICE

- ✓ *Support for focal point/capacity building*
- ✓ *Coordinate data and information collection and processing*
- ✓ *Data distribution and public awareness initiatives*
- ✓ *Coordination with Rio conventions locally and internationally*
- ✓ *Media releases and public awareness*



FUTURE CARICOM REGION APPROACH TO ARTICLE 6 IMPLEMENTATION

- **IMPLEMENT STRATEGY & ACTION PLAN**
 - ✓ *Policy development and integration of CC into national development mechanisms*
 - ✓ *Broad-based multi-sectoral approach*
 - ✓ *Strategy and action plan for climate change and sector adaptation strategies to include Article 6 activities*
 - ✓ *Resource allocation to support implementation*

FUTURE CARICOM REGION APPROACH TO ARTICLE 6 IMPLEMENTATION

● RESOURCE MOBILIZATION

- ✓ *Inadequate financial and technological resources within country*
- ✓ *Access resources from financial mechanism and other Convention related sources*
- ✓ *Access resources through national budget and other in-country sources*
- ✓ *Regional and international cooperation programs and activities*

CONCLUSIONS

- **Limited Article 6 implementation due to resource limitation**
- **Full implementation requires better coordination and access to adequate financial and technical support**
- **Future implementation will be done as part of regional and national climate change strategies and action plans**

THANK YOU

