



United Nations Environment Programme



Caribbean Revolving Fund for Wastewater Management (CReW)

A Recognized Need

- Region has set goals for domestic sewage discharge into the Caribbean sea.
- Cartagena Convention (24 March, 1983);
- LBS Protocol (October 6, 1999)
- Annex III of the LBS Protocol.

A Recognized Need

- **Jamaica, December 2, 2006:** At 12th Intergovernmental Meeting (IGM) on the Action Plan for the Caribbean Environment Programme, specific decision approved, requesting the Secretariat:
 - « *To continue efforts to develop innovative financial mechanisms such as the Caribbean Revolving Fund for Wastewater Management to assist countries in meeting the obligations of the Cartagena Convention and in particular the Land Based Sources of Marine Pollution Protocol ... »*

Caribbean Revolving Fund for Wastewater Management (CReW):

- **An Innovative Financing Mechanism for Wastewater Management in the Wider Caribbean**
- **Designed to benefit from lessons learned by other successful revolving funds:**
 - **US EPA Clean Water State Revolving Fund (CWSRF)**
 - **Nordic Environment Finance Corporation (NEFCO)**

Caribbean Revolving Fund for Wastewater Management (CReW):

- Public and private sectors and civil society
- Independent, Regional Funding Mechanism
- Community needs
- Cost effective
- Environmentally Acceptable and
- Fill financing gaps

Why A Revolving Fund?

- Key feature: Increase Leverage on Original Investment.
 - Initial grant made
 - Funds lent to wastewater projects
 - Initial funds “revolve” back
 - Funds re-loaned for new projects
 - Leverages more funds than a single project grant.

Characteristics of the CReW

- *Revolving Fund Mechanism*
- *Thematic Specialization*
- *Limitation in Scope*
- *Community-based Appropriate Technologies*
- *Streamlined Structure*

Advantages of the CReW

- *Long Term Commitment*
- *Potential to Leverage Other Donor Funds*
- *Multi-stakeholder Involvement*
- *Simplified process for loan approval*
- *Ensured environmental benefits*

Benefits: Overall Improvement of Caribbean Basin's Marine and Coastal Resources

- ✓ Reduction in the incidence of disease caused by waterborne pathogens;
- ✓ Enhancement of pollution control in the Caribbean;
- ✓ Improvement of habitats which sustain fisheries production, tourism and other livelihoods;
- ✓ Advance in assessment of conditions of marine and coastal ecosystems.

Examples of Projects Which Could Be Funded

- Construction of engineered wetlands;
- Renovation/Replacement of outmoded waste treatment facilities;
- Extension of publicly-owned wastewater treatment facilities to outlying rural areas;
- Design of prevention maintenance programs to increase efficiency of existing treatment systems and prolong their life span;
- Development of Operation and Maintenance Manuals.

Moving Forward: Pre-Feasibility Study

- Assess Regional Funding Needs and Options
 - Wastewater Needs Assessment
 - Financial Resources Assessment
- End Result: Background Information for the Development and Implementation of the Revolving Fund

Moving Forward: Full Size Joint UNEP/IDB GEF Project

- Proposal: “Testing a Prototype Caribbean Revolving Fund for Wastewater Management (CReW)” with 3 Components:
 - Establishment of an innovative financial mechanism;
 - Regional coordination, communications and capacity building component;
 - Monitoring and evaluation component.

Moving Forward: Full Size Joint UNEP-IDB GEF Project

- Proposal to be submitted to the Global Environment Facility (GEF) in August, 2008,
- In Parallel, Letters of Endorsement to be Solicited from the 28 Countries of the Wider Caribbean.

Moving Forward: Full Size Joint UNEP-IDB GEF Project

- Coordination with GEF-funded “Integrating Watershed & Coastal Areas Management” Project
- Logical & Complimentary Next-Step to GEF-IWCAM

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