

**Regional Technical Advisory Group, Feb 16-17, 2009**

# **GEF-IWCAM Status Report**



# GEF-IWCAM Background



- 💧 Funding: Global Environment Facility (GEF)
- 💧 Project Cost: US\$112M (includes co-financing)
- 💧 GEF Funding US\$14M
- 💧 Implementing Agencies: UNEP & UNDP
- 💧 Executing Agencies: CEHI, UNEP CAR/RCU, and UNOPS
- 💧 Project Coordination Unit: based at CEHI

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# GEF-IWCAM Background



## PROJECT OBJECTIVE

*To assist Caribbean Small Island Developing States to adopt an integrated approach to watershed and coastal area management.*

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# GEF-IWCAM Project Components



## COMPONENT 1: DEMONSTRATION, CAPTURE AND TRANSFER OF BEST PRACTICES

- Implementation and management of 9 demonstration projects in 8 countries
- Capture of lessons, best practices, alternative technologies from Demonstration Projects
- Development of national, regional and global replication strategies and mechanisms

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# GEF-IWCAM Component #1 - Demo Projects



- **Antigua and Barbuda:** Mitigation of Groundwater and Coastal Impacts from Sewage Discharges from St. John's
- **Bahamas:** Land and Sea Use Planning for Water Recharge Protection and Management in Andros
- **Bahamas:** Marina Waste Management at Elizabeth Harbour in Exuma
- **Cuba:** Application of IWCAM Concepts at Cienfuegos Bay and Watershed
- **Dominican Republic:** Mitigation of Impacts of Industrial Wastes on the Lower Haina River Basin and its Coast

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# GEF-IWCAM Component #1 - Demo Projects



- 💧 **Jamaica:** An Integrated Approach to Managing the Marine, Coastal and Watershed Resources of East-Central Portland
- 💧 **Saint Kitts and Nevis:** Rehabilitation and Management of the Basseterre Valley as a Protection Measure for the Underlying Aquifer
- 💧 **Saint Lucia:** Protecting and Valuing Watershed Services and Developing Management Incentives in the Fond D'or Watershed Area
- 💧 **Trinidad and Tobago:** Land-Use Planning and Watershed Restoration as part of a Focused IWCAM Demonstration in the Courland Watershed and Buccoo Reef Area

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# GEF-IWCAM Project Components

## COMPONENT 2: DEVELOPMENT OF IWCAM PROCESS, STRESS REDUCTION AND ENVIRONMENTAL STATUS INDICATORS FRAMEWORK

- Review existing national and regional level indicator frameworks
- Development of template for national level Indicators
- Conduct hotspot diagnostic analyses (HSDA) at (non-demo) hotspots in each country**
- Establish Regional centre for storage of Indicator information and for Indicator training
- Pilot IWCAM process, stress reduction and environmental status indicators (1 country)**

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# GEF-IWCAM Project Components

## COMPONENT 3: POLICY, LEGISLATIVE AND INSTITUTIONAL REFORM FOR IWCAM

- Review of national policy, legislation and institutional structures identifying barriers to IWCAM
- A set of regional guidelines for national policy, legislative and institutional reform
- Regional programme for amendment of national legislation and policy**
- IWRM Plan development

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# GEF-IWCAM Project Components



## COMPONENT 4: REGIONAL & NATIONAL CAPACITY BUILDING & SUSTAINABILITY FOR IWCAM

- National workshops on awareness and multi-sectoral sensitisation to IWCAM issues
- Stakeholder involvement in regional IWCAM
- Training and education activities
- **A regional strategy for the sustainable promotion and implementation of IWCAM**
- Project Networking
- A regional IWCAM Information Clearing House

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# GEF-IWCAM Project Components



## COMPONENT 5: PROJECT MANAGEMENT AND COORDINATION

- ◆ Project Management (by Project Coordination Unit)
- ◆ Project Steering Committee (to provide policy level guidance)
- ◆ National Inter-sectoral Committees (to capture IWCAM concepts)
- ◆ Implementing Agency/Executing Agency Management Group
- ◆ Regional Technical Advisory Group
- ◆ Project Reporting on activities and outputs, and reviews of project work-plan and budget
- ◆ Project Evaluation ensures that indicators are measuring sustainable project success
- ◆ Develop an Information Management System for the project

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# GEF-IWCAM Status



- Developed since 1998!
- Demonstration Projects developed in 2003;  
*(some just starting!!)*
- Approved by GEF Council in May 2004
- Project documents finalised by UNDP & UNEP in 2005
- PCU established in 2006; staff hired
- Steering Committees, June '06, Oct '07 & Oct '08
- RTAG, July '07 & June '08

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# IWCAM Component #1 Activities 2009

## COMPONENT 1: DEMONSTRATION, CAPTURE AND TRANSFER OF BEST PRACTICES

- Develop complementary (non-demo) Hotspot concept projects:
  - GIS-based watershed evaluation, Haiti  
*(US\$30,000) – No progress; delays with host*
- Lessons & best practices captured and disseminated, e.g. through countries presenting at/participating in 5<sup>th</sup> World Water Forum  
*(US\$37,000) – Efforts to mount exhibit by regional consortium; no success (limited interest and costs prohibitive); support for regional representation (Jamaica; CEHI; CWWA/ Bahamas)*

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# IWCAM Component #1 Activities 2009



## COMPONENT 1: DEMONSTRATION, CAPTURE AND TRANSFER OF BEST PRACTICES

- Lessons & best practices captured and disseminated, e.g. through countries presenting at/participating in 5<sup>th</sup> GEF International Waters Conference & CWWA Conference (*US\$37,000*) – *Events scheduled for October; plans for countries to exhibit and present on progress*
- Mechanisms for transfer of lessons developed further, incl. website upgrade (*US\$24,700*) – *New website launched in November 2008; access privileges for participating countries being incorporated*

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# IWCAM Component #2 Activities 2009

## COMPONENT 2: DEVELOPMENT OF IWCAM PROCESS, STRESS REDUCTION AND ENVIRONMENTAL STATUS INDICATORS FRAMEWORK

- Implement pilot activity in Barbados to test indicator template and monitor indicators *(US\$71,700) – national partners assembled; FAO collaborating; linkage to Water Information System (WIS); planning meeting held in early Feb. '09*

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# IWCAM Component #2 Activities 2009

## COMPONENT 2: DEVELOPMENT OF IWCAM PROCESS, STRESS REDUCTION AND ENVIRONMENTAL STATUS INDICATORS FRAMEWORK

- Undertake Hot Spot Diagnostic Assessments:
  - Arcadin Coast, Haiti (*US\$95,000*) – *No progress due to delays with host government*
  - Others (to be defined) (*US\$125,000*) – *No progress; RTAG may wish to consider possible locations*

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# IWCAM Component #2 Activities 2009

## COMPONENT 2: DEVELOPMENT OF IWCAM PROCESS, STRESS REDUCTION AND ENVIRONMENTAL STATUS INDICATORS FRAMEWORK

- Establish regional “centre” for indicators information (*US\$49,700*) – *linked to Barbados pilot activity; linked to PIMS*
- Conduct indicators training (*US\$40,000*) – *country-specific training held for St. Kitts and Bahamas; on a case-by-case basis*

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# IWCAM Component #3 Activities 2009

## COMPONENT 3: POLICY, LEGISLATIVE AND INSTITUTIONAL REFORM FOR IWCAM

- Follow up on review of national policy, legislation and institutional structures
  - Develop additional models for IWCAM (i.e. Community-Based Resource Assessment Manual) *(US\$15,000) – Consultants contracted and to begin work ASAP*
  - Develop incentives and awareness to ratify MEAs
    - LBS Awareness workshops *(US\$50,100) – first being planned for Grenada; March '09?*

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# IWCAM Component #3 Activities 2009

## COMPONENT 3: POLICY, LEGISLATIVE AND INSTITUTIONAL REFORM FOR IWCAM

### 💧 IWRM Plan development

- 💧 Continue support for SVG/Union Island with on-the-ground IWRM activities (*US\$30,000*) – *quotations received to conduct work in Union Island; contractors being sourced*
- 💧 Continue support for Grenada with IWRM Plan and policy development (*US\$15,000*) – *plans to link to LBS implementation; concept note under review by GoGda*

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# IWCAM Component #3 Activities 2009

## COMPONENT 3: POLICY, LEGISLATIVE AND INSTITUTIONAL REFORM FOR IWCAM



### IWRM Plan development

- Convene IWRM Inception Workshops:
  - CUB (US\$10,000) – *scheduled for early March '09*
  - T&T (US\$7,000) – *not scheduled yet*
  - BAH (US\$10,000) - *ditto*
  - JAM (US\$10,000) - *ditto*
  - HTI (US\$12,000) – *ditto; linked to pilot mentioned previously*
- Continue support for IWRM planning:
  - BAR (US\$17,000) – *consultant's report to be delivered shortly*
  - DOM (US\$17,000) – *linking to work on Water Policy*

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# IWCAM Component #3 Activities 2009

## COMPONENT 3: POLICY, LEGISLATIVE AND INSTITUTIONAL REFORM FOR IWCAM

### 💧 IWRM Plan development

- 💧 Continue development of IWRM Guidelines *(US\$20,000) – linked to CBRA*
- 💧 Continue development of Public Awareness material, s.a. IWRM videos *(US\$40,000) – newspaper articles and press releases published*
- 💧 Additional support for HTI to achieve WSS Targets through IWRM *(US\$30,000) – ditto, as per other activities in Haiti*

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# IWCAM Component #4 Activities 2009

## COMPONENT 4: REGIONAL & NATIONAL CAPACITY BUILDING & SUSTAINABILITY FOR IWCAM

- ◆ Convene national workshops to raise awareness of IWCAM:
  - ◆ Haiti (US\$6,000) – to be combined with other activities
  - ◆ St. Vincent (US\$4,000) – not scheduled as yet
  - ◆ Dominica (US\$4,000) – not scheduled as yet
  - ◆ Grenada (US\$3,000) – to be combined with LBS implementation; possibly March
  - ◆ Trinidad (US\$5,000) – to be combined with LBS implementation; not scheduled yet
  - ◆ Barbados (US\$4,000) – to be combined with IWRM workshop; possibly March or April
  - ◆ Cuba (Havana) (US\$7,000) – to be combined with IWRM workshop, March '09
  - ◆ Nevis (US\$3,000) – possibly in March; awaiting confirmation from GoN

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# IWCAM Component #4 Activities 2009

## COMPONENT 4: REGIONAL & NATIONAL CAPACITY BUILDING & SUSTAINABILITY FOR IWCAM

- Participate in regional fora to raise awareness of IWCAM (*COTED; CAPNET; UNU-INWEH etc.*) (*US\$59,000*) – *on-going*
- Prepare and disseminate awareness material (Leg. Toolkit; Newsletters; videos etc) (*US\$98,500*) – *on-going (e.g. newsletter); Toolkit to be printed shortly*
- Convene Communications/Community Workshops (*US\$86,000*) – *no progress; focus on country-specific support so far*

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# IWCAM Component #4 Activities 2009

## COMPONENT 4: REGIONAL & NATIONAL CAPACITY BUILDING & SUSTAINABILITY FOR IWCAM

- 💧 Conduct regional train-the-trainer course in environmental/water quality monitoring *(US\$64,400) – planned for 2<sup>nd</sup> Quarter*
- 💧 Conduct national training courses in environmental/water quality monitoring *(US\$34,400) – planned for 2<sup>nd</sup> and 3<sup>rd</sup> Quarters*
- 💧 Prepare training material (as needed)

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# IWCAM Component #4 Activities 2009

## COMPONENT 4: REGIONAL & NATIONAL CAPACITY BUILDING & SUSTAINABILITY FOR IWCAM

- Conduct training in Water Supply & Sanitation (in collaboration with CAPNET; SVG & ANU?) *(US\$15,000; co-financing) – reviewing proposals; planned for March/April*
- Conduct additional training, based on needs *(US\$75,000) – RFP for Project Management training being finalized; to be issued this week*
- Arrange secondments (s.a. to Cuba, Jamaica & Tobago) *(US\$46,000) – SLU/JAM being planned in Water Resources Management*

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# IWCAM Component #4 Activities 2009

## COMPONENT 4: REGIONAL & NATIONAL CAPACITY BUILDING & SUSTAINABILITY FOR IWCAM

- Complete National laboratory (needs) assessments (*US\$157,000*) – *assessments completed for ANU, CUB, DOM, JAM, SKN, SLU, T&T; this week in SVG & GDA; others to be scheduled*
- Equip National labs (*US\$505,000*) – *on-going; received in ANU & JAM*
- Strengthen reference laboratory capabilities (CEHI) (*US\$70,000*) – *on-going*

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# IWCAM Component #4 Activities 2009

## COMPONENT 4: REGIONAL & NATIONAL CAPACITY BUILDING & SUSTAINABILITY FOR IWCAM

- ◆ Develop/implement strategy for IWCAM regional sustainability (incl. financial) *(US\$30,800) - ??? (refer to RTAG)*
- ◆ Facilitate Project Networking (Partnership Forum etc.) *(US\$33,500) – IWRM Partners Meeting held in Dec. '08*
- ◆ Continue development of Clearing House mechanism (as element of PIMS) *(US\$28,975) – consultancy being scheduled (as noted)*

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# IWCAM Component #5 Activities 2009

## COMPONENT 5: PROJECT MANAGEMENT AND COORDINATION

- Convene Project Steering Committee, Oct 2009
- Convene IA/EA Meeting, Oct 2009
- Support work of National Inter-sectoral Committees
- Convene 2 Regional Technical Advisory Group meetings, Jan. & July 2009 – **Now in February**
- Prepare PIRs & Quarterly Operating Reports
- Facilitate Mid-Term Evaluation – **ToR prepared; UNEP to schedule**

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# IWCAM Component #5 Activities 2009

## COMPONENT 5: PROJECT MANAGEMENT AND COORDINATION

- Establish/manage Project Information Management System:
  - Continue development of Clearing House
  - Input data into Clearing House
  - Link with IW:LEARN initiatives
  - Develop GIS portal, blog etc
  - Continue development & population of project database

**Consultancy being scheduled**

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# THANK YOU!



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