



GoJ/EU/UNEP Climate Change Adaptation and Disaster Risk Reduction Project

Official Launch by the Hon. Bruce
Golding, Prime Minister

Presentation by Leonie Barnaby
Office of the Prime Minister
2 February, 2011
(World Wetlands Day)



The Project - EU support

- Jamaica selected as a beneficiary under the EU Global Climate Change Alliance (GCCA)
- The project falls under Priority Area (d) of the GCCA – promoting disaster risk reduction



IMPACT OF CLIMATE CHANGE on SIDS- Sectors Affected

- 1. Coastal, marine and terrestrial ecosystems** (coral reefs, mangroves, sea-grasses, forests)
- 3. Biodiversity** (population size, species distribution, habitats and ecosystems)
- 4. Water Resources** (change in soil moisture, siltation and contamination of water supplies)
- 5. Agriculture** (reduction in soil moisture & decrease in crop yield, saline intrusion, fisheries habitat loss)



IMPACT OF CLIMATE CHANGE on SIDS- (Cont'd)

6. **Coastal Resources** (coastal erosion, saline intrusion, flooding)
7. **Infrastructure & Settlements** (More than 50% of the population live within 2Km of the coast)
 - **Tourism**-(largest contribution to GDP & employment)
9. **Human Health** (heat strokes, vector-borne diseases – e.g. malaria, dengue)



SELECTED HURRICANES IN JAMAICA AND THEIR IMPACT 2004-2010

Hurricane	Year	Cost – US\$ Billion	Impact (% GDP)
Dep. #16	2010	8.0	
TS Gustav	2008	15.24	
Dean	2007	23.8	3.4
Dennis & Emily	2005	5.98	1.2
Ivan	2004	36.9	8.0



Project Background

- The United Nations Environment Programme (UNEP) will be the primary agency responsible for project management.
- The Planning Institute of Jamaica will co-manage the project



Project Background

- Project steering committee chaired by the PIOJ
- Implementing agencies (main partners)
 - National Environment and Planning Agency
 - Forestry Department
 - Meteorological Services Jamaica and the Environmental Management Division (EMD) of the OPM



Project costs

October 18, 2010 – April 17, 2013

Source	Contribution	Amount	
		€	J\$
EU	Cash	4.13 M	476M
UNEP	In-kind	180,000	20 M
GoJ	In-kind	172,420	19 M
Total		4.48 M	517 M



The Project – Overall Objective

- To implement measures to adapt to climate change and contribute to sustainable development in Jamaica, particularly in vulnerable communities, through increasing resilience and reducing risks associated with natural hazards



The Project – Specific Objectives

- Reduction of downstream run-off and associated negative environmental and human impacts through rehabilitation and improved management of selected watersheds
- Increased resilience of coastal ecosystems to climate change impacts through restoration and protection of selected ecosystems



The Project - Specific Objectives

(Cont.)

- Enhancement of institutional and local-level capacity for climate change adaptation and disaster risk reduction through increasing capabilities and raising awareness.



Target Groups


- Community-Based Organizations (CBOs)
- Non-Governmental Organizations (NGOs)
- Students & Teachers
- Farmers
- Fisherfolk
- Private sector groups
- The Media
- Local Authorities
- Private Land Owners
- Communities for project activities



Component 1 – Rehabilitation of selected watersheds

To be implemented by the Forestry Dept. (1.6M€ -J\$189M)

- **Result 1:** Rehabilitated watersheds through slope stabilization measures such as reforestation of denuded hillsides.
- Target areas - Yallahs River, Hope River, Buff Bay/Pencar and Rio Bueno River Watersheds Management Units



Component 2 - Increased resilience of coastal ecosystems

To be implemented by NEPA (1.3M € - J\$148M)

- **Result 2:** Increased resilience of selected coastal areas against potential climate change impacts
- Target areas - Portland Bight, Clarendon; Refuge Cay, St. Thomas; Port Royal, Kingston; and the Great Morass in St. Thomas.



Component 3 – Increased climate change awareness

To be implemented by the Met Office and the EMD (OPM) (702,000€ - J\$81M)

- **Result 3: Climate change capacity building and awareness raising**
- Target groups
 - private sector organizations, CBOs, decision-makers
 - Communities targeted in components 1 and 2



Related Projects

- Integrated Watersheds and Coastal Area Management (UNEP/UNDP)
- Pilot Project for Climate Resilience (IDB)
- Strengthening the Operational and Financial Sustainability of the National Protected Areas System (GEF/UNDP)
- Critical Ecosystems Partnership Fund



Other Linkages

- The targets of Millennium Development Goal 7 – Ensure environmental sustainability
- The Goal 4 of Vision 2030 – Jamaica National Development Plan



The ultimate goal

"Jamaica, the place of choice to live, work, raise families and do business".

Vision 2030 - Jamaica National Development Plan