



YOUTH VOICES FOR CLIMATE CHANGE

May 15-17, 2013 - Guyana

Caribbean Development Bank's Climate Change Initiatives



Presenter:

Valerie Isaac

Designation:

Operations Officer, Environmental Sustainability Unit

Date:

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44th Annual Meeting
Board of Governors
CARIBBEAN DEVELOPMENT BANK
May 28 & 29, 2014 Georgetown, GUYANA



LOCATION

- Caribbean Development Bank
- Single Office - Headquarters
- Wildey, Barbados, W.I.
- Approximately 200 staff
- Staff members spread across CDB's membership



Establishment, Role and Function of CDB

- **Purpose:**

The CDB was established in 1970 to contribute to the harmonious economic growth and development of the member countries in the Caribbean.



Establishment, Role and Function of CDB

- Mission:
 - “CDB intends to be the leading catalyst for development resources into the region, working in an efficient responsive & collaborative manner with our borrowing members countries (BMCs) and other development partners, towards the systematic reduction of poverty in their countries, through social & economic development.”



Establishment, Role and Function of CDB

- Assist BMCs to optimise resources
- Promote private and public investment and Facilitate business activity
- Mobilise financial resources
- Provide technical assistance (TA)
- Support financial institutions
- Support development of capital markets



Member Countries

Regional Borrowing

- Anguilla
- Antigua & Barbuda
- Bahamas
- Barbados
- British Virgin Islands
- Belize
- Cayman Islands
- Dominica
- Grenada
- Guyana
- Jamaica
- Haiti
- Montserrat
- St. Kitts & Nevis
- St. Lucia

- Turks & Caicos Islands
- St. Vincent & the Grenadines
- Trinidad & Tobago

Regional Non-Borrowing

- Colombia
- Mexico
- Venezuela

Non-Regional Non-Borrowing

- Canada
- China
- Germany
- Italy
- United Kingdom



CDB Lends For Specific Projects in Fields Of:

- Agriculture
- Development of Capital Markets
- **Disaster Risk Reduction/
Mitigation**
- Education
- **Environmental *Sustainability***
- **Climate Change**
- Export Services
- Gender Equality
- Housing/Shelter Development
- Infrastructure & Related Services
- Urban Rehabilitation
- Manufacturing
- Marketing
- Poverty Reduction
- Power Generation
- Public Finances Management
- Social Protection
- Transportation
- Waste Management
- Water & Sewerage
- Tourism



Recent Experiences



**Kendal Bridge, Southern Highway, Sittee River, Belize
Tropical Storm Arthur (2008)**



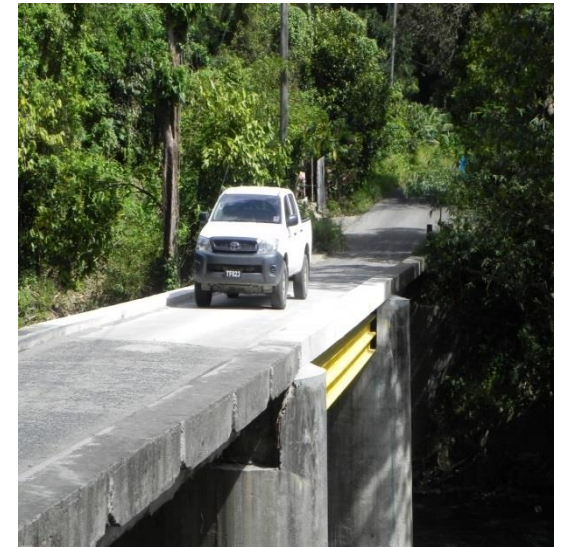
Recent Experiences



Guesneau, St. Lucia
Hurricane Tomas (October 2010)



Recent Experiences



**Clarke Hall Bridge, Layou River, Commonwealth of Dominica
Mathieu Dam Break Flood Event (July 2011)**



Recent Experiences



**Tortola, British Virgin Islands
Storm Otto (October 2010)**



Recent Experiences



**Mainland St. Vincent – Central Eastern
Watersheds, Black Point area
Torrential rainfall (April 11-12, 2011)**



Recent Experiences



January 14, 2013 Higher than normal Spring Tides, Guyana
Photo credit: Ariane Browne; Source: Stabroek News Online



Recent Experiences





Recent Experiences



Scene of flooding: Guyana Times



Recent Experiences





Recent Experiences



Image source: stabroeknews.com



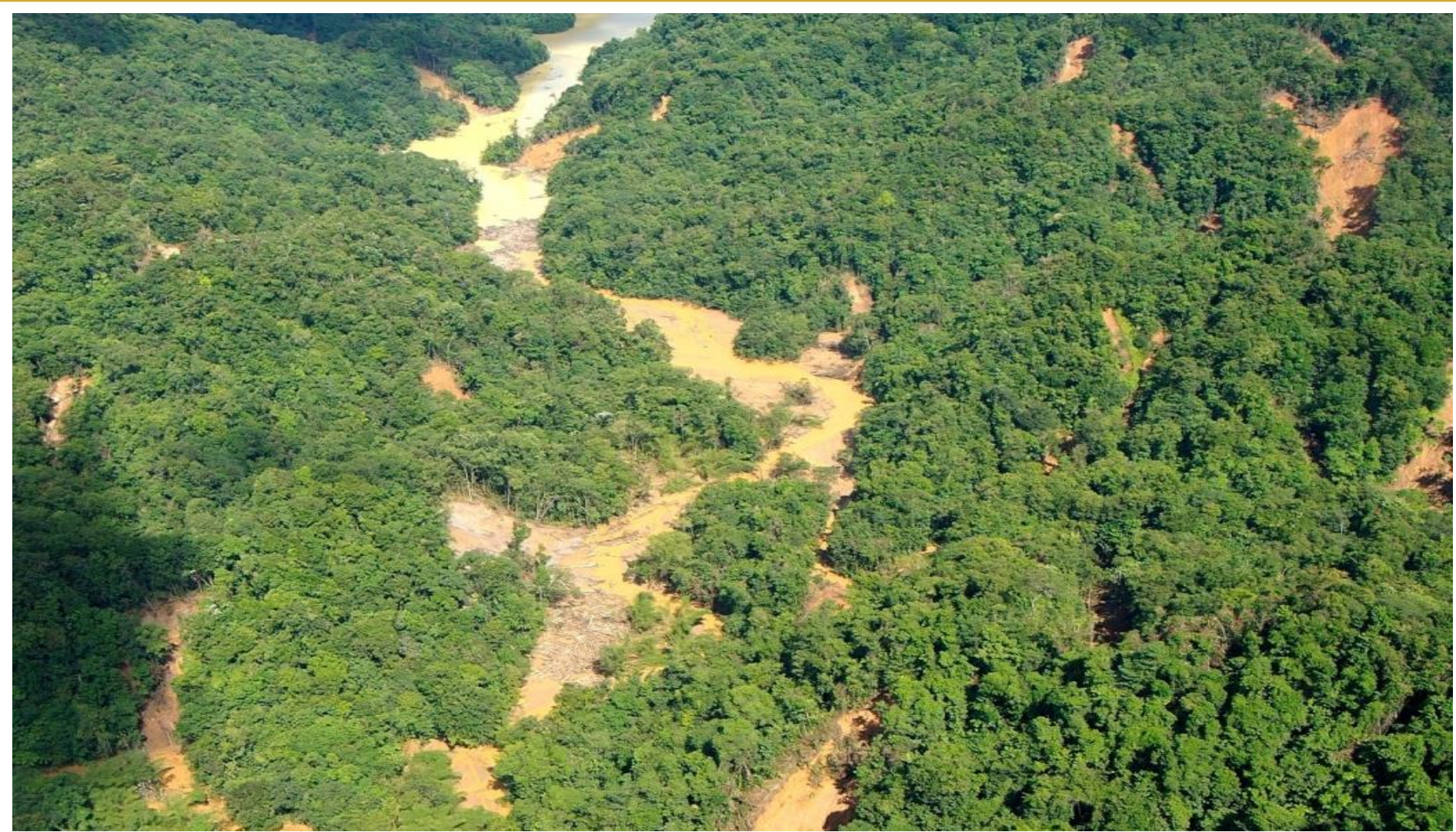
Recent Experiences



2010 Hurricane Tomas Roseau Dam, St Lucia



Recent Experiences





Recent Experiences





CDB Approaches

- **Climate Resilience Strategy (CRS)**
- **Disaster Management Strategy & Operational Guidelines (DiMSOG)**
- **Environment and Social Review Procedures (ESRP)**





Climate Resilience Strategy:

4 Priority Areas for Intervention

1. Climate Proofing of Existing and New Investment Portfolio:

- *financing investments in key climate-sensitive sectors, identified as priorities by BMC*
- *disaster rehabilitation and mitigation with emphasis on building community resilience*
- *manage and strengthen degraded biological and natural resource systems*

2. Support for Mitigation Investments

- *promote and support investments and initiatives to improve energy efficiency and the expand investments in renewable energy sources*
e.g. Climate Action line of credit; EE support to MSMEs



Climate Resilience Strategy:

4 Priority Areas for Intervention

3. Knowledge Building and Capacity Development for Climate Resilience at Regional and National Levels :

- *data collection and reporting systems for environment, DRR and climate risk monitoring and information systems e.g. **CIMH***
- *climate prediction models to support decision-making policy and project) levels e.g. **5Cs** participatory environmental governance and administrative processes.*
- *building and construction standards and best practices e.g. use of building codes;*
- *land-use and environmental planning and development control e.g. Dominica*
- *technical capacity for mainstreaming Environment, DRR and Climate Resilience in national development planning.*
- *strengthen cooperation and collaboration between public sector, private sector and civil society to finance and implement climate resilient development initiatives.*

4. Institutional Action Programme:

- *Mobilise and Increase Access to Concessionary Financing*



Guyana Sea and River Defense Project



- Reconstruction and improvement of approx.5.4 km of sea and river defences
- Capacity in shoreline change monitoring and analysis
- Community Awareness & Education Programme



Protect 20 rural communities along coastline and Leguan Island

Cost USD25mn



Community Disaster Risk Reduction Fund (CDRRF)



Demonstrating Reduction of Natural Hazard Risk and Adapting to Climate Change at Community Level

Approx. USD \$22 million to support CDRR and Climate Change Adaptation over 6 years



CDRRF Eligible Projects

- **Priority DRR/CCA needs of community**
- **Demonstrate measurable reduction in natural hazard and/or CC risk**
- **Target low income, and/or rural, and/or marginalised communities in high risk areas**

- **Flood early warning systems**
- **Retaining-walls & check dams**
- **Break waters and sea-walls**
- **Foot-bridges across gullies and rivers**
- **Retrofitting public shelters to serve the special needs of girls, women, the elderly and the disabled**
- **Ecosystem restoration**
- **Shelters for fishing boats**
- **Storm resilient greenhouses**
- **Rainwater harvesting & storage**



CDRRF

Eligible Organisations:

- **NGOs and CBOs**
- **Regional and national research institutions**
- **Service Clubs**
- **Religious Organisations**
- **Farmer and Fisher Cooperatives**
- **Local government Agencies**

Organisations must be registered

- ❑ **Assistance available for communities with limited project application or implementation experience or capacity**



THANK YOU FOR YOUR ATTENTION





CONTACT CDB:



**Caribbean
Development Bank
P.O. Box 408
Willey, St. Michael
BB11000 Barbados, W.I.**

**Telephone: (246) 431-
1600**

E-mail:

info@caribank.org

Website:

<http://www.caribank.org>