



Grenada's Ecosystem-based Adaptation Project



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Sub-Regional Capacity Building Workshop on Sustainable Finance and Resource
Mobilization for Biodiversity for CARICOM Member States.

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COUNTRY PROFILE

- **Capital City:** Saint George's
- **Area:** 344 sq.km
- **Location :** 12⁰ N.L 61⁰ W.L.
- **Population :** 100,000
- **Climate :** Tropical
- **Main Income Earner :** Tourism



EBA Priorities for Grenada

Community-based Environmental Management that focuses on:

- Creating Sustainable Livelihoods and Reducing Poverty
- Protecting Coastal Ecosystems from existing and future threats in order to maximise Economic gains and Food Security
- Develop Partnerships with Coastal Communities, including the Private sector and Land owners

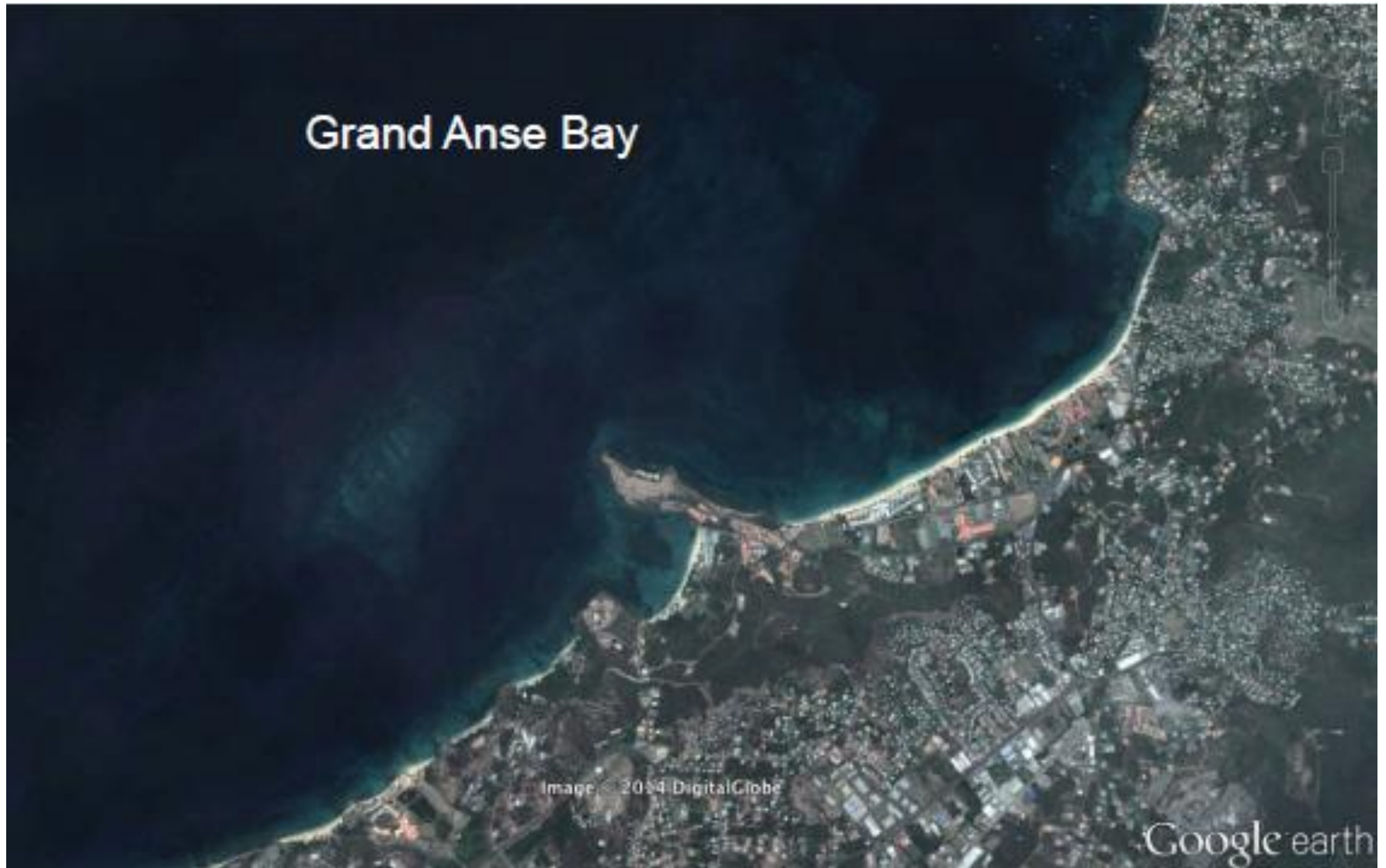
Examples of EBA Projects in Grenada

- **At the Water's Edge**, Building Climate Resilience in Grenada by TNC. Component of this project includes strengthening the coastline in the telescope area by mangrove replanting and reef enhancement
- **“Building Capacity for Coastal Ecosystem Based Adaptation in Small Island Developing States”** UNEP: Coral Reef Nursery establishment
- **ICCAS UNDP EBA Community Projects**

“Building Capacity for Coastal Ecosystem Based Adaptation in Small Island Developing States”

PROJECT OVERVIEW

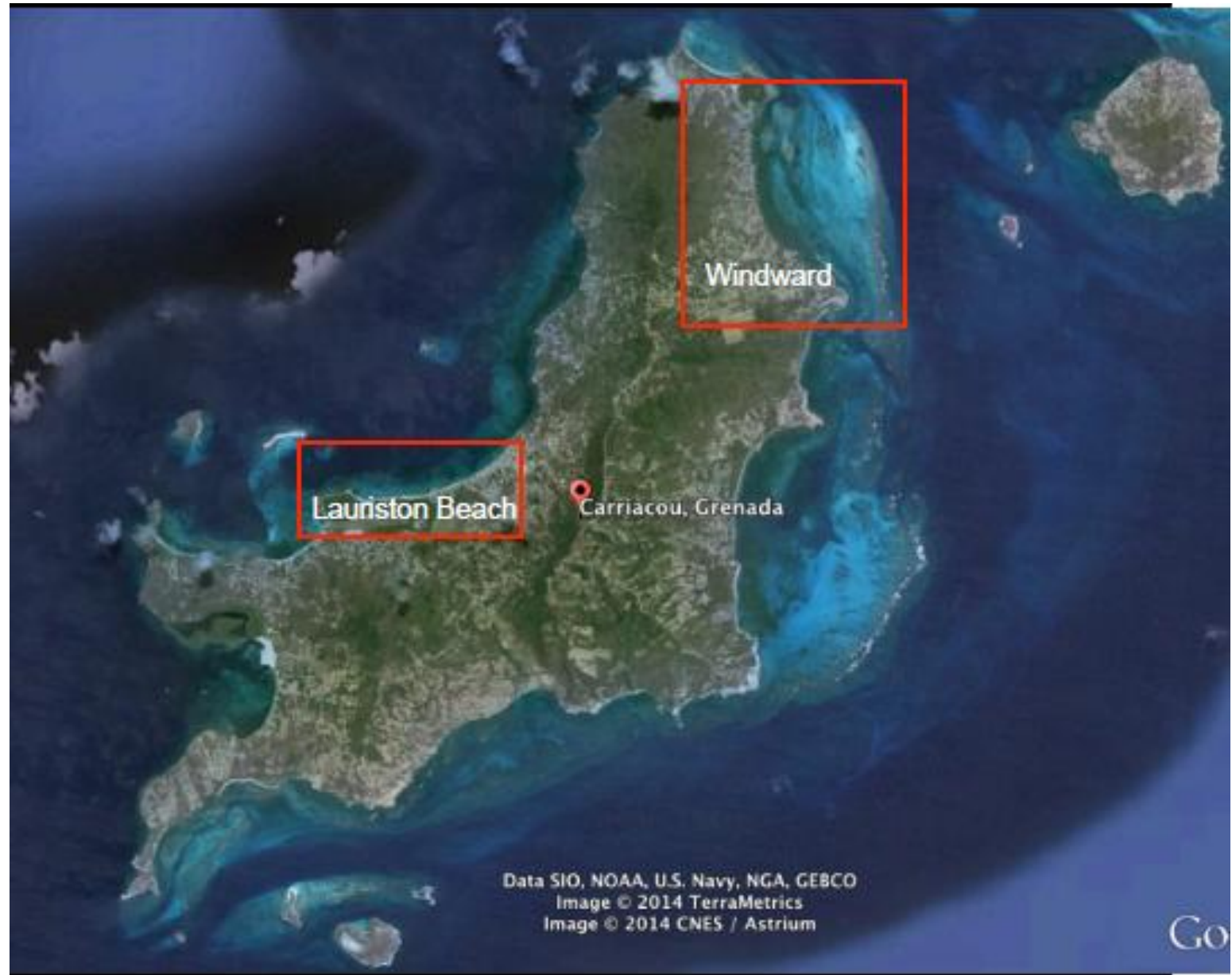
- Funded by the European Commission
- Implemented by the Government of Grenada and the United Nations Environment Program (UNEP).
- Project funding =(\$515,000 USD)
- **The project will focus on:**
 1. Coral Reef Restoration at Grand Anse Bay, Grenada and Bay AL'eau Carriacou.
 2. Address Disaster Risk Reduction,
 3. Protecting coastal ecosystems/ coral reefs
 4. Preserving biodiversity (discovered and undiscovered species).
 4. Building institutional and community capacity so that Grenada can implement EBA activities.
 5. Demonstrate the importance of well-functioning Coastal Ecosystems in the fight against Climate Change.



Most important Tourism product in Grenada



CARRIACOU PROJECT SITES





Project Goals

- Incorporation of Coastal Ecosystem-based Adaptation principles into National Planning and Development processes
- Build Government of Grenada understanding of the value of its Coastal Ecosystems
- Assist GoG to act positively towards securing long term ecosystems services provided to the population.
- To enhance Regional Capacity and Global Knowledge on what coastal ecosystem-based adaptation options exist for SIDS
- Developing and Disseminating Technical Guidance Materials, as well as planning support tools for incorporating coastal EBA principles into National Planning and Development processes.

CRITERIAS FOR IDENTIFYING CO-BENEFITS AREAS

- The project is based on the nature of the ecosystem i.e Coral Reefs and the services that they provide.
- Coral Reefs provide supporting, provisioning, regulating and cultural services.
- Coral reefs are biodiversity that provides a habitat for many species including fish, invertebrates.
- Provisioning services /products such as medicine, raw materials and food (sea food) from coral reefs.
- The natural protective nature of coral reef that dissipates wave energy and protects us from storms and hurricanes.
- Cultural services that coral reefs provide include recreation, tourism (dive tourism), spiritual and aesthetic appreciation.



Financing Co-Benefits for Biodiversity Management & Conservation

- Focus on Sustainable Financing Mechanisms to support 2 Coral Nurseries being established at pilot sites, beyond June 2016.

This will include:

- Identifying potential local project partners for each site
- Developing Innovative Financing Strategies, e.g. Private- public partnerships
- Partnerships with the Hotels & Tourism Association, Communities & Users.



How is Climate Change Funding Supporting Biodiversity

- Developing a management and zoning plan for both pilot sites
- Legislative review to propose recommendations and provide options for a comprehensive reef management framework building on existing laws, policies and Multilateral Environmental Agreements (MEAs)
- Make recommendations where possible for Amendments or new law to be drafted
- Provide options on Integrating Ecosystem Based Adaptation (as a Climate Change strategy) into National Policy, Planning and Legal processes.

PROPOSED SUSTAINABILITY PLAN

- Establish Community Taskforce Committees at Pilot sites to develop into Local Area Management Committees
- Form the basic governance structure for the management and ownership of the coral nurseries
- Conduct a Legislative Review and Analysis
- Develop Recommendations for a Legal Framework or system that can be used (co management arrangements with government)
- Establishing the basic infrastructure for future funding.

ASSESSING VALUE FOR MONEY

Reduce Sea level Rise impacts through:



- Addressing Disaster Risk Reduction
- Reduction of wave energy
- Reduction in Coastal Erosion
- Ensure that livelihoods are safeguarded (by preserving the breeding grounds for fish)
- Economic reliance on tourism is not jeopardized by degraded Natural Resources and Coastal Ecosystems.
- Identifying new Valuable Ecosystems in the environment
- Building Institutional Capacity to address ecosystem restoration and management, for Climate Change adaptation
- Project success can be translated to ecological, social and economic benefits.

UNDP ICCAS PROJECTS

- Enhancing the Resilience of Natural Assets to Climate Change to Protect Livelihoods and Improve Food Security: Reforestation of Petite Martinique.
- Facilitating the adaptation of wild Seamoss harvesters in Grenville Bay to the impacts of climate change through the adoption of seamoss mariculture.
- Building Community-Based Resilience to Climate-Induced Coastal Hazards in Carriacou. Replanting of mangroves.

THANK YOU

