

# FACSIMILE TRANSMISSION



## United Nations Development Programme GLOBAL ENVIRONMENT FACILITY (GEF)

**To:** Mr. Avani Vaish/Ms. Song Li, GEF Secretariat

**Date:** 14 April 2000

**Fax:** 202-522-3240

**Pages:** (28 including this sheet)

**From:** Richard Hester  
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Climate Change

**Subject:** Revised proposals for Expedited Financing of Climate Change Enabling Activities (Phase II)

Please find attached the revised proposals for Expedited Financing of Climate Enabling Activities Phase II for :

- Azerbaijan
- Antigua and Barbuda
- El Salvador
- Yemen

We look forward to receiving approval for these proposals as soon as possible.

Thank you.

*Song Li*

*Azerbaijan,  
Antigua e Barbuda  
e Yemen are  
fine, I think.*

*Also - El Salvador*

*~~El Salvador~~  
revised ~~proposal~~  
proposal?*

*AL  
04/14/00.*

**UNITED NATIONS DEVELOPMENT PROGRAMME  
GLOBAL ENVIRONMENT FACILITY**

*Proposal for Review*

**Country:** Antigua and Barbuda

**Project Title:** Expedited Financing of Climate Change Enabling Activities (Phase II)

**GEF Focal Area:** Climate Change

**Country Eligibility:** [x] Eligible under a financial mechanism of the UNFCCC  
[x] Eligible under paragraph nine (b) of the Instrument

**Date of Ratification:** 02/02/93

**GEF Financing (Phase I):** US \$161,500

**GEF Additional Financing (Phase II):** US \$100,000

**Total Costs:** US \$261,500

**GEF Implementing Agency:** UNDP

**Executing Agency:** Ministry of Tourism and Environment

**Local Counterpart Agency:** Ministry of Tourism and Environment

**Estimated Date of Initial National Communication Submission:** June 2000

**Estimated Starting Date:** 15 February 2000

**Project Duration:** 1 year

## **1. CURRENT PROJECT STATUS:**

Antigua and Barbuda is currently in the final stages of preparing the first national communication to the Conference of the Parties (COP) to the United Nations Framework Convention on Climate Change (UNFCCC), utilizing GEF Phase I financing. Under GEF Phase I financing, activities were aimed at the development of the following: (a) an inventory of greenhouse gases following the guidelines adopted by the COP; (b) an assessment of potential impacts of climate change in Antigua and Barbuda; (c) an analysis of potential measures to abate the increase in greenhouse gas emissions and to adapt to climate change; (d) preparation of a national action plan to address climate change and its adverse impacts; and (e) preparation of the first national communication of Antigua and Barbuda to the COP. With Phase I activities nearing completion, there is an urgent need to enhance public awareness and knowledge on climate change related issues in Antigua and Barbuda, and to strengthen dialogue, information exchange and cooperation among all the relevant stakeholders including Government, non-government, academic and private sector agencies.

Antigua and Barbuda have also been involved in the Caribbean: Planning for Adaptation to Global Climate Change (CPACC project) that is designed to support the participating Caribbean countries in preparing to cope with the adverse effects of global climate change, particularly sea level rise in coastal and marine areas through: vulnerability assessment, adaptation planning, and capacity building linked to adaptation planning. It is being executed through the cooperative effort of twelve CARICOM countries and participating institutions over a period of four years by a combination of national pilot/demonstration components and regional components. The project is financed by the Global Environment Facility (GEF) through The World Bank as implementing agency and is executed by the Organization of American States (OAS).

## **2. ACTIVITIES TO BE INVOLVED IN PHASE II PROJECT:**

### **A. Technology Transfer:**

#### **(i) Identification/submission of technology needs**

In Phase I, funds (US\$ 4,200) were allotted to make an initial assessment of technology needs (e.g., specific technologies, materials, equipment, techniques or practices) related to climate change in Antigua and Barbuda. To further develop and refine this work, it is proposed that the National team, involving all relevant stakeholders, will conduct the following activities:

- establish country's technological priorities for coastal adaptation and for the reduction of greenhouse gases;
- evaluate the linkages and contribution of these technologies to national developmental goals;
- elaborate a mechanism for the incorporation of country priorities into the design of relevant projects; and,
- ensure that subsequent implementation of projects actively engages all key stakeholders and builds public awareness related to climate change.

**(ii) Capacity building to assess technology needs, modalities to acquire and absorb them, design, evaluate and host projects**

The building of national capacity is necessary in order to better determine land use changes and improve long-term development of these areas and land-use practices, the following information will be gathered:

- data on the vulnerability of low-lying coastal areas to flooding and erosion; and,
- mapping of coastal and wetlands areas.

Capacity building will also be required to facilitate the research conducted on:

- improving the understanding of the vulnerability of various areas of the country and sectors of the economy to climate change and the socio-economic impacts;
- the effectiveness and socio-economic impacts of measures to adapt to climate change, and for assessing climate change impacts; and,
- the development of long-term investment planning.

The creation of institutional strengths and skills within various Government agencies will enable these agencies to maintain and enhance national capacities to prepare national communications, and to improve coordination within the country by strengthening the National Coordinating Mechanism for Environmental Conventions.

It is proposed that capacity building will be conducted through the following training, education, and public awareness activities:

- training of key personnel in the use of GIS for data gathering, and the use and maintenance of computers and other data gathering equipment;
- training of key personnel in climate change related issues in order raise public awareness;
- establishing a national database and developing outreach materials for use by personnel involved in promoting climate change awareness, at all levels of society, including in the educational arena; and,
- increasing public awareness and knowledge on global climate change in order to ensure wider participation in the national program designed to address climate change.

### **3. PROJECT MANAGEMENT/INSTITUTIONAL ARRANGEMENT:**

The project will be executed through the Ministry of Tourism and Environment, and will utilize the Project Steering Committee, established under Phase I. The project will also collaborate closely with all the other relevant ongoing projects in Antigua and Barbuda, both through the Project Steering Committee and between the research teams to enable an effective exchange of information between the projects and full utilization of their results.

Regarding international collaboration, working links with relevant regional and international expert institutions will be maintained; and IPCC and UNEP will continue to be consulted in the implementation of the specific activities of the project. The project will also

utilize the relevant results and lessons learned from other ongoing or finalized international projects, such as CC: TRAIN and the US Country Study Program, to avoid duplication of efforts. As a means of identifying and disseminating information, the project will utilize, to the extent feasible, electronic networks such as the Internet and cooperate with the CC: INFO initiatives of the UNFCCC Secretariat.

#### **4. MONITORING AND EVALUATION:**

An external review will be undertaken by an expert with experience in these types of projects. The purpose of the review is to identify in the early stages of the project the potential gaps, overlaps and other risks of successful implementation, as well as to identify potential partners and sources of information from which the project could benefit. The executing agency together with the Project Steering Committee will be responsible for monitoring the project on a continuous basis. In order to do so, the project manager, with the help of the leaders of the research teams, will prepare regular reports on the progress of the project. For the remaining part, the project will rely on common UNDP monitoring and evaluation practices including a mid-term evaluation and a tri-partite review to be held within the first 12 months of the start of the full implementation of the project.

**TABLE C 2**

**ACTIVITY MATRIX FOR PHASE II OF CLIMATE CHANGE ENABLING ACTIVITIES IN**  
**Priority activities for additional (interim) funding**

Activity	Planning and Execution	Capacity Maintenance/ Enhancement		
		Data Gathering and Research	Institutional Strengthening	Training, Education and Public Awareness
2. A (i) Identification and submission of technology needs	x			
2. A. (ii) Capacity building to assess technology needs, modalities to acquire and absorb them, design, evaluate and host projects	x	x	x	x

Note: x Denotes activities covered in this proposed project

**Table D 2****PROJECT BUDGET ACCORDING TO GEF ACTIVITY NORMS IN US DOLLARS****Cost estimates for (interim) priority activities**

Activity	Planning and execution	Capacity maintenance/enhancement			Technical & administrative support	Cost estimates
		<u>Data gathering and research</u>	<u>Institutional strengthening</u>	<u>Training and education and public awareness</u>		
2.A (i) Identification and submission of technology needs	US \$5,000					US \$5,000
2. A (ii) Capacity building to assess technology needs, modalities to acquire and absorb them, design, evaluate and host projects	US \$5,000	US \$30,000	US \$15,000	US \$30,000	US \$5,000	US \$85,000
3. Project Management						US \$ 8,000
4. Monitoring & Evaluation						US \$ 2,000
<b>Total</b>	<b>US \$ 40,000</b>		<b>US \$15,000</b>	<b>US \$30,000</b>	<b>US \$5,000</b>	<b>US \$ 100,000</b>