



ADAPTATION FUND

AFB/PPRC.3/12  
December 10, 2010

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Adaptation Fund Board  
Project and Programme Review Committee  
Third Meeting  
Cancun, December 13, 2010

## **PROPOSAL FOR MAURITIUS**

## I. Background

1. The Operational Policies and Guidelines for Parties to Access Resources from the Adaptation Fund, adopted by the Adaptation Fund Board, state in paragraph 41 that regular adaptation project and programme proposals, i.e. those that request funding exceeding US\$ 1 million, would undergo either a one-step, or a two-step approval process. In case of the one-step process, the proponent would directly submit a fully-developed project proposal. In the two-step process, the proponent would first submit a brief project concept, which would be reviewed by the Project and Programme Review Committee (PPRC) and would have to receive the approval by the Board. In the second step, the fully-developed project/programme document would be reviewed by the PPRC, and would finally require Board's approval.

2. The Templates Approved by the Adaptation Fund Board (Operational Policies and Guidelines for Parties to Access Resources from the Adaptation Fund, Annex 3) do not include a separate template for project and programme concepts but provide that these are to be submitted using the project and programme proposal template. The section on Adaptation Fund Project Review Criteria states:

*For regular projects using the two-step approval process, only the first four criteria will be applied when reviewing the 1st step for regular project concept. In addition, the information provided in the 1st step approval process with respect to the review criteria for the regular project concept could be less detailed than the information in the request for approval template submitted at the 2nd step approval process. Furthermore, a final project document is required for regular projects for the 2nd step approval, in addition to the approval template.*

3. The first four criteria mentioned above are:

1. Country Eligibility,
2. Project Eligibility,
3. Resource Availability, and
4. Eligibility of NIE/MIE.

4. Based on the Adaptation Fund Board Decision B.9/2, the first call for project and programme proposals was issued and an invitation letter to eligible Parties to submit project and programme proposals to the Adaptation Fund was sent out on April 8, 2010.

5. According to the paragraph 41 of the operational policies and guidelines, a project or programme proposal needs to be received by the secretariat not less than seven weeks before a Board meeting, in order to be considered by the Board in that meeting.

6. The following project concept titled "Climate Change Adaptation Programme In the Coastal Zone of Mauritius" was submitted by the United Nations Development Programme (UNDP), which is a Multilateral Implementing Entity of the Adaptation Fund. This is the second submission of this proposal. It was received by the secretariat in time to be considered in the 12th Adaptation Fund Board meeting. The secretariat carried out a technical review of the project concept, assigned to it the diary number AFB/MIE/Coastal/2010/2, and filled in a review sheet.

7. In accordance with a request to the secretariat made by the Adaptation Fund Board in its 10th meeting, the secretariat shared this review sheet with the UNDP, and offered it the opportunity of providing responses before the review sheet was sent to the Project and Programme Committee of the Adaptation Fund.

8. The secretariat is submitting to the Project and Programme Review Committee the summary of the project, prepared by the secretariat, in Annex 1. The secretariat is also submitting to the Committee the technical review sheet and the responses provided by the UNDP, as confidential documents.

## Project Summary

Mauritius – Climate Change Adaptation Programme In the Coastal Zone of Mauritius  
Implementing Entity: *UNDP*

Project/Programme Execution Cost: USD 500,000

Total Project/Programme Cost: USD 8,404,830

Implementing Fee: USD 714,410

Financing Requested: USD 9,119,240

### Project Background and Context:

As a Small Island Developing State (SIDS), the Republic of Mauritius (including Mauritius, Rodrigues, Agalega, and various small islets) – ROM - is particularly vulnerable to the adverse effects of climate change, especially in the coastal zone<sup>1</sup>, where a convergence of accelerating sea level rise and increasing frequency and intensity of tropical cyclones (with more intense rainfall events and stronger winds) will result in considerable economic loss, humanitarian stresses, and environmental degradation - this in a narrow, sensitive strip upon which the country is so dependent. The overall **goal** of the programme is to ensure that growth and development in ROM are sustainable, with potential climate change effects in the coastal zone fully addressed in all future planning. The **objective** of the programme (becoming evident by the end of the programme) will be *increased climate resilience of communities and livelihoods in coastal areas in Mauritius (all islands)*, through the following programme components:

- application of adaptation measures to protect currently vulnerable coastal ecosystem and community features (at three priority sites on the island of Mauritius);
- development and implementation of an early warning system for incoming surge on ROM;
- training to promote compliance with climate-proofed planning, design, and location guidelines;
- policy mainstreaming; and, knowledge dissemination and management

### Component 1: Application of adaptation measures for coastal protection (USD 6,465,700)

This component will address current climate change risks at three coastal sites (Mon Choisy, Riviere des Galets, Quatre Soeurs); these will be resolved through design and application of coastal protection measures, using proven technologies (addressing beach erosion and flood risk from storm surges).

It will also support monitoring of the link between coastal processes and climate change, to assess effectiveness of the coastal protection measures over time.

### Component 2: Early Warning System for incoming storm surge (USD 133,705)

This component will focus on development of an early warning system for incoming storm surge manned on a 24 hr/day basis, such that coastal communities in ROM are able to safely evacuate prior to future storm surge events.

### Component 3: Training (USD 394,025)

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<sup>1</sup> In this document, the “coastal zone” includes the physical entity of the reefs, lagoons, beaches, and immediate backshore area that is subject to occasional flooding during surges and spring tides, which is the main subject of the proposal; issues such as salinization and loss of agricultural land near coastal areas are not addressed in this proposal..

This component will promote compliance with climate-proofed planning, design, and location guidelines. Activities will ensure that all Government interventions in the coastal zone, designed to reduce erosion or address storm surge effects, incorporate site-specific features and measurably reduce the risk of flooding or the rate of erosion, and will put in place the capacity for ongoing replication of effective coastal adaptive measures by both the Government and private sector.

Component 4: Policy Mainstreaming (USD 350,050)

This component will work to ensure that all policies, strategies, plans, and regulations are consistent in recognizing climate change impacts in the coastal zone over the next 50 years and actively supporting adaptation to them. At the same time, opportunities and obligations with regard to management of the coastal zone will be clear for all stakeholders, including Government.

Component 5: Knowledge Dissemination and Management (USD 561,350)

This component will facilitate more frequent and accessible public information on climate change effects in the coastal zone and appropriate interventions, such that District and National Plans reflect perceived climate risks in the coastal zone over the next 50 years and future private sector development will be designed to minimize climate risks in the coastal zone.

**(Original proposal for AFB12)**