



UNDP – United Nations Development Programme Country Office in Cape Verde

Terms of Reference

GEF Project Implementation / International Consultant:

Climate Change Data Analysis and Monitoring Specialist

United Nations Development Programme / Global Environment Facility

“Building adaptive capacity and resilience to climate change in the water sector in Cape Verde”

Location:	[Praia], [Cape Verde]
Application Deadline:	July 29 2011
Category	Environment and Energy
Type of Contract:	[suggested: Individual Contract]
Languages Required:	Written French and Portuguese; good oral command of English is a plus
Starting Date (date when the selected candidate is expected to start):	September 1 2011
Duration of Contract:	One month
Expected Duration of Assignment:	30 days

Background

The project “Building adaptive capacity and resilience to climate change in the water sector in Cape Verde” is a national execution project of the government of Cape Verde and is implemented by the National Institute for Water Resource Management (INGRH) through its Project Management Unit in Praia as well as its Project Site Units in Santiago (Santa Cruz) and Santo Antao (Porto Novo). The project is funded by the Global Environment Fund (GEF) and has the following objective:

“To increase resilience and enhance key adaptive capacity to address the additional risks posed by climate change to the water sector in Cape Verde”.

The project is divided into three components (based on outcomes) for implementation as follows:

Outcome 1: Climate change risks and adaptation measures integrated into key national policies, plans and programs for water resource management.

Outcome 1 deals with the ‘governance framework’ for climate change adaptation. The fact that climate risk, vulnerability and adaptation measures are only superficially integrated (or mainstreamed) in policies, plans and programs is a symptom of incipient and limited capacity of key stakeholders at the national level to plan in response to climate change.

Outcome 2: Small and medium scale climate change adaptation practices for water resource management are demonstrated and implemented in selected hydrographical basins.

Outcome 2 shows how pilot demonstration investment at the site level can make a difference in terms of improving resilience locally.

Outcome 3: Lessons learned and best practices from pilot activities, capacity development initiatives and policy changes are disseminated.

The lessons learnt and experiences acquired under Outcomes 1 and 2 will be disseminated across Cape Verde and to other countries through actions foreseen under Outcome 3.

The activities are concentrated on two islands; Santiago with the intervention sites in Tarrafal and Santa Cruz (Ribeira Seca) and Santo Antao with the intervention sites in Planalto Leste, Ribeira Grande, Ribeira das Garcas, Ribeira das Patas and Ribeira da Cruz.

At field level the activities in the two watersheds of Santo Antao island and Santiago island focus on:

- Capacity reinforcement of the project's objectives in general and by intervention zone as well as the knowledge of socio-economic realities in these areas;
- The identification of capacity building needs at local and central institutional level for the integration of climate change risks as well as resulting adaptation measures into the policy framework and development programmes;
- The organisation and realisation of trainings on climate change risks as well as technical adaptation measures for staff of partner institutions as well as target agricultural producers;
- The promotion of a participatory approach for strengthening of the partnership with institutions and beneficiaries for implementation in the intervention zones and watersheds. This is mainly oriented towards management and valorisation of water management infrastructures;
- The implementation of soil and water conservation measures with the introduction of pilot techniques and practices like drip irrigation among beneficiaries in order to reinforce their resilience towards climate changes.

Duties and Responsibilities

In this context the project plans a consultancy for a Climate Change Data Analysis and Monitoring Specialist with the following Terms of Reference. The consultant under supervision of the National Project Coordinator (NPC) and in close collaboration with the national expert, will:

1. Be responsible for ensuring climate change forecasts and forecasted impacts are regularly developed nationwide;
2. Be responsible for advising on water management and water resources issues, and technically coordinating/overseeing all actions in this domain, and providing constant technical support;
3. Be responsible for capacity building at Municipal and National level for climate change collection and monitoring systems;
4. Undertake participatory mapping of climate change risks on key ecosystems in target districts and an inventory of data variable that are likely to affect the delivery of environmental services under a range of climate change future scenarios;
5. Develop joint education and awareness raising activities with existing water resource management projects, ecosystem conservation projects, highlighting the implications of the effectiveness of management practices in the context of climate change;
6. Develop a monitoring plan for the local Climate Change Capacity Building and Policy Specialist and the Monitoring and Evaluation Specialist in order to ensure activities are continued by the

national project team;

7. Formulate and submit a consultancy report in Praia for approval by the National Project Coordinator (NPC);

8. Formulate recommendations for the national project team to improve their knowledge and links with research and development institutions in their respective intervention domains.

Competencies

- Communication skills for complex information and techniques targeted towards subject matter specialists as well as wider general audiences;
- Good competency in monitoring and evaluation approaches as well as the ability to grasp specific project contexts;
- Ability to communicate effectively orally as well as an excellent level of written skills in order to be able to present, negotiate and summarize work sessions;
- Good skills for efficient facilitation during meetings between various stakeholders (government, NGOs, CBOs, international community and communal levels).

Required Skills and Experience

- A good understanding of challenges linked to climate change (adaptation and mitigation), and particularly in the field of water resources; if possible in Cape Verde or at least in the sub-region;
- Advanced university education at PhD level with expertise in the area of development project management and with a specialization profile in water resource management;
- At least 10 years of professional experience, of which at least five are at international level
- Strong skills in monitoring and evaluation, and experience in implementing environmental projects;
- Ability to produce high quality reports, publications and project proposals;
- Previous experience with GEF projects is an added plus;
- Excellent writing skills in French and Portuguese, and a good working knowledge of English is an added plus.

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