

Terms of Reference
First Joint Mission for the Pilot Programme
(PPCR) on Climate Resilience in
Saint Lucia



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Background

Saint Lucia is a Small Island Developing State (SIDS) situated in the Lesser Antillean Arc of the Caribbean Archipelago, within the north-east Trade Wind belt. The island, which is of volcanic origin, is 42 km long and 22 km wide and has a land area of 616 km². Most of the flat or gently-sloping land is found along the narrow coastal belt.

Saint Lucia has an estimated population (2009) of 175, 000. Most major settlements are located along the coastal belt, with approximately 60 percent of the population residing along the north-west corridor. Gross Domestic Product (GDP) per capita for Saint Lucia in 2009 was estimated at US\$5912.30.¹

Saint Lucia's economy was long based primarily on mono-crop agriculture (most recently bananas). However, over the last decade-and-a-half, tourism has emerged as the main revenue earner, with agriculture, services and light manufacturing being the other important productive sectors.

By virtue of its small size, Saint Lucia faces certain challenges that affect its pursuit of sustainable development. These include its remoteness; limited natural resource base; limited human capacity and resources; limited technological capability; its open economy, with a heavy dependence on imports; and the fragility of its ecosystems. Saint Lucia, like many other Caribbean SIDS, is susceptible to the vagaries of international trade, exogenous economic and financial shocks, and natural disasters, including hurricanes and other extreme weather events. The onset of the climate change phenomenon, therefore, imposes new vulnerabilities on Saint Lucia, and exacerbates existing ones.

Regional Climate Model runs for the Caribbean project increasing air and sea surface temperatures. The models also point to decreasing overall precipitation, but a higher *proportion* of precipitation with more intense showers. Recent scientific studies project

¹ Research and Policy Unit, Ministry of Economic Affairs, Government of Saint Lucia, June 2010

an average increase in hurricane intensity and a peak in the ratio of higher-category hurricanes by 2025. Sea-level rise is also expected to be a major issue of concern. In addition to changes in temperature, rainfall and other meteorological parameters, there is growing concern about increasing climate variability. These realities make the Pilot Programme for Climate Resilience (PPCR) pilot project for Saint Lucia both timely and beneficial. The PPCR pilot project will afford the island the opportunity to build on a number of climate change project and programme activities, which are aimed at building Saint Lucia's resilience to climate change.

Timeframe

The initial joint mission for Saint Lucia's PPCR pilot is scheduled for the period **August 9th to 11th 2010**. Saint Lucia is requesting a three day joint mission, as much of the groundwork has already been done and the timeframe of three days is seen as ideal for conducting the activities necessary to make the joint mission a success.

Mission Objectives:

Saint Lucia would like the objectives of the joint mission to be:

1. Provision of technical guidance for the finalization of Phase I proposal followed by rapid approval and release of funds
2. Preparation of an aide memoire on activities undertaken, with details of consultations held, prepared jointly by the World Bank and the Government of Saint Lucia.
3. Provision of technical input for the development of an Investment Plan
4. Provision of technical input for the SPCR component of this project, towards the implementation of Phase II.
5. Increased awareness and understanding of the PPCR project

Scope of Work

The PPCR aims to build a partnership framework for integrating climate resilience into national processes, including those that engage other development partners. The main activities to be conducted during this joint mission include:

(1) Country stocktaking on climate change (2) Sector assessments (3) Broad based consultations (4) Identification and outline phase one activities and (5) Work program and funding proposal to develop the SPCR.

Country Stocktaking on Climate Change

During the joint mission, it is anticipated that the team will take stock of ongoing and upcoming country climate change and related activities on the island. Some of the most recent of those programs to be assessed are the Second National Communication to the United Nations Framework Convention on Climate Change (UNFCCC-SNC), the Special Programme for Adaptation to Climate Change (SPACC) and the recently concluded Coastal Habitat Mapping Project funded under SFA-2003. Since 2001, Saint Lucia has participated in a number of climate change projects and activities. The results and gaps identified from those will be revised during the country stock taking exercise in order to determine if and how the PPCR country program can build on them.

Sector Assessments

Climate change is indeed a cross-sectoral issue and, as such, requires a national response. Based on Saint Lucia's UNFCCC-SNC vulnerability and adaptation (V&A) process, the following sectors have been identified as priority sectors:

- Agriculture
- Biodiversity
- Coastal and Marine Resources
- Financial sector
- Human Health
- Settlements & Critical Infrastructure
- Tourism
- Water resources

The UNFCCC-SNC (V&A) process has revealed a number of interesting findings from the various sector reports. Review of these sector reports would be essential in the formulation of the SPCR. In the event that Saint Lucia is able to hire a national consultant prior to the first joint mission, one of the roles of this consultant will be a compilation of proposed adaptation methods, which will be derived from the SNC-V&A sector reports and other sources.

Broad Based Consultations

In keeping with the policy of the Sustainable Development and Environment Section, broad based consultations will be conducted during the PPCR Project, including the first joint mission. During this time, representatives from the multi-lateral development banks (MDBs) will interact with national stakeholders, including the Cabinet-appointed National Climate Change Committee (NCCC), which was established since 1998, comprising governmental and non-governmental organizations. The National Climate Change Committee will perform an advisory role for the program. The members comprise: Biodiversity Unit; Department of Agriculture; Department of Fisheries; Department of Forestry; National Insurance Council of Saint Lucia; Meteorological Services Department; Ministry of Finance; Ministry of Tourism; National Emergency Management Organisation; Physical Planning Section; Environmental Health Department of the Ministry of Health; Public Works Department of the Ministry of Communications and Works; Saint Lucia Electricity Services Limited; Saint Lucia Solid Waste Management Authority; Sir Arthur Lewis Community College; Saint Lucia Air and Sea Ports Authority; and Water and Sewerage Company.

Other stakeholders involved in consultations will include, but will not be limited to representatives from the Organisation of Eastern Caribbean States (OECS) Secretariat, the Saint Lucia National Trust, Saint Lucia's leading non-governmental organization (NGO), the Geographic Information System (GIS) Unit, the Caribbean Youth Environment Network (CYEN), the National Conservation Authority (NCA) and Saint Lucia Bankers Association.

These consultations will allow the Ministry of Physical Development and the Environment to obtain a better understanding of the island's data gaps and information needs with regard to climate change. The agencies represented at the consultations, including the mission team, would provide critical guidance and technical input for the implementation of Phases I and II of the PPCR.

Identification and Outline of Phase I Activities

Saint Lucia has prepared a draft proposal for phase one. A number of proposed activities have been outlined. Based on the results and recommendations of past projects and the National Climate Change Policy and Adaptation Pan, the following are deemed to be important components of Phase I of the PPCR for Saint Lucia:

1. Part-time technical assistance for the conduct of various assessments and studies that will provide key input for the preparation of a comprehensive SPCR
2. Part-time technical assistance in the preparation of the SPCR and Investment Plan for the PPCR
3. Part-time technical assistance to build capacity in data management
4. Part-time technical assistance to develop a Framework/Protocol for Data Management.

The four components are further elaborated below:

1. Conduct of Various Assessments and Studies

This part-time technical assistance is required for the conduct of various assessments and studies that will provide key input for the preparation of a comprehensive SPCR. The consultant is expected to undertake the following activities:

- Review and revision of Climate Change Adaptation Policy: This policy document was prepared to “*foster and guide a national process for addressing the short, medium and long term effects of climate change in a coordinated, holistic and participatory manner in order to ensure that, to the greatest extent possible, the quality of life of the people of Saint Lucia and the opportunities for sustainable development are not compromised*”. A revision of the document, through a consultative process, will be instrumental in the development of the SPCR.

- Baseline assessment of public awareness re climate change: In 2005, the first-ever Climate Change Knowledge, Attitude, Practices (KAP) survey was conducted in Saint Lucia. The survey has yielded baseline information that has proved invaluable for the planning of subsequent initiatives. Given the regularity of the topic of climate change in the media, it would be useful to re-conduct the survey, and expand it to other areas, which would assist in directing planning and implementation of climate change activities in Saint Lucia

- Inventory of Research System Observations resources: Some organizations, such as the Meteorological Department, have benefited from climate change-related projects over the years, which assist in the collection of valuable data related to climate. An inventory of these resources to date, given past damage from storm activity, would be useful in determining future needs.

- Review of existing legislation vis-à-vis climate change: A determination needs to be made as to whether specific legislation for climate change is required for Saint Lucia or whether climate change should be incorporated directly into existing legislation. Such a study would also allow for the actual development, if deemed necessary, of climate change legislation or the

amendment of existing legislation to incorporate climate change, during Phase II.

- Review of existing fiscal regimes in support of adaptation to climate change: Such a review would include recommendations for the improvement of the regimes that would encourage the adoption of appropriate policies and best practices, in Saint Lucia, related to climate change.

Saint Lucia is of the firm belief that the foregoing will prove to be instructive, not only in the development of a SPCR, but also in its implementation.

2. Preparation of the SPCR and Investment Plan

This part-time technical assistance is required for the preparation of the SPCR and Investment Plan for the PPCR. The consultant is expected to undertake the following activities, in collaboration with, and under the supervision of, the Sustainable Development and Environment Section:

- Organization of, and participation in meetings, workshops and consultations with stakeholders (formal and informal), towards the identification of priority needs for the SPCR for Saint Lucia.
- Compilation (through documentation review and meetings) of relevant adaptation measures, strategies, programmes and actions/projects linked with resilience to climate change, proposed to date for various sectors.
- Identification and analysis of knowledge and research gaps that exist and institutional capacity needs for the implementation of the PPCR.

- Preparation of the SPCR and Investment Plan for Saint Lucia, in collaboration with the Sustainable Development and Environment Section and other stakeholders.
- Preparation of a brief/memo for the Cabinet of Ministers on the PPCR, specifically the SPCR and Investment Plan.
- Provision of support to the Sustainable Development and Environment Section in:
 - Dissemination and sensitization on the PPCR
 - Preparation of Terms of Reference of other technical consultants and joint missions, as necessary, as well as preparation of other required documents/correspondence under the Project
 - Organization of meetings, workshops, consultations
 - Facilitation of stakeholder meetings, workshops, consultations
 - Preparation of documents and reports of meetings, workshops, consultations
 - Development of the Joint Mission's programme
 - Assistance to the technical team during the official joint missions with the Government of Saint Lucia on the PPCR Project.

3. Capacity Building in Data Management

This includes capacity building in GIS, climate impact assessment and other related areas, for which technical expertise would be required to conduct requisite training. The trained individual, preferably from a governmental ministry already involved in data management, would also assist with the tasks relating to setting up systems and platforms for better data and information handling related to climate change impacts.

This person is expected to become the national focal point for the data infrastructure and risk assessment platform that can also interact with the regional entities.

4. *Development a Framework/Protocol for Data Management*

This includes the development of a framework for a Protocol on Data Management, inclusive of acquisition, sharing and ownership. To facilitate the development of such a Protocol, the consultant would be required to review and catalogue the island's existing data systems, as well as identify the data gaps and information needs. The process would also entail a review of data needs assessments conducted to date on, or relating to, climate change. The review and cataloguing output would form an integral part of the work of this consultant. The consultant would also be required to dialogue with the relevant agencies and parties regarding the island's data policies, specifically both written and unwritten. A review of existing protocols of other Caribbean islands would be required by the consultant, and recommendations made. The framework developed by the consultant would assist the island in identifying the approach that it would elaborate upon towards the development of a Protocol.

Work Program and Funding Proposal to Develop the SPCR

Based on the work conducted during the joint mission and the work which preceded the joint mission by the local project team, it is anticipated that shortly thereafter, a detailed work program and funding proposal for phase I activities will be finalized. This will lead up to the preparation of the Strategic Program on Climate Resilience for subsequent implementation in phase II.

Mission Outcome

It is expected that the joint mission will yield the following outcomes;

1. Finalized Phase I proposal followed by rapid approval and release of funds

2. Aide memoire on activities undertaken, with details of consultations held prepared jointly by the World Bank, the Inter-American Development Bank and the Government of Saint Lucia.
3. Technical input for the development of an Investment Plan
4. Technical input for SPCR component of this project.
5. Enhanced awareness and understanding of the PPCR project

Mission Composition

Saint Lucia requests that technical expertise for the first joint mission be consistent with the activities outlined under Phase 1 (See section on Identification and Outline of Phase 1 Activities). In addition, Saint Lucia anticipates that its SPCR will be varied, requiring various types of expertise. While the SPCR has not yet been developed, it is likely that the following expertise will be required:

1. Data Management/Geographic Information Systems Expert
2. Coastal engineer
3. Expert with an understanding of Integrated Coastal Zone Management on small islands.

Partners

Development partners

The cooperation arrangements with development/investment partners are still evolving. This will become more defined as the SPCR and Investment Plan are developed. Indeed, a joint PPCR mission of the World Bank and the Inter-American Development Bank that will include representatives from interested key donor agencies and other partners will visit Saint Lucia during the first and second joint missions to assist in the preparation of the SPCR.

The PPCR process will also seek to build on existing projects as listed below, which will, in turn, include the associated partners:

- United Nations Development Programme- Second National Communications Project (UNDP-SNC)
- United Nations Development Programme – Investment and Financial Flows Project(UNDP-IFF)
- World Bank (WB) and the Caribbean Community Climate Change Centre (CCCCC)- Special Programme on Adaptation to Climate Change Project (SPACC)
- United Nations Economic Commission for Latin America and the Caribbean – Review of Economics of Climate Change Project(UNECLAC-RECC)

Other potential partners include, but are not limited to:

- Caribbean Development Bank (CDB)
- United States Agency for International Development (USAID)
- United Nations Development Programme (UNDP)
- United Nations Environment Programme-Caribbean Environment Programme (UNEP-CEP)
- OECS-Environment and Sustainable Development Unit(ESDU), in collaboration with The Nature Conservancy (TNC)
- Saint Lucia National Trust
- International Union for the Conservation of Nature and Natural Resources –World Conservation Union (IUCN)

It is worth noting that at the recently concluded joint mission for the regional pilot held in Barbados from the 14th to 16th of June 2010, the IUCN indicated an interest in being part of Saint Lucia’s joint mission with a view to determining how the agency can assist in helping Saint Lucia meet its objectives under the PPCR pilot.

Local agencies (see Section on broad-based consultations)