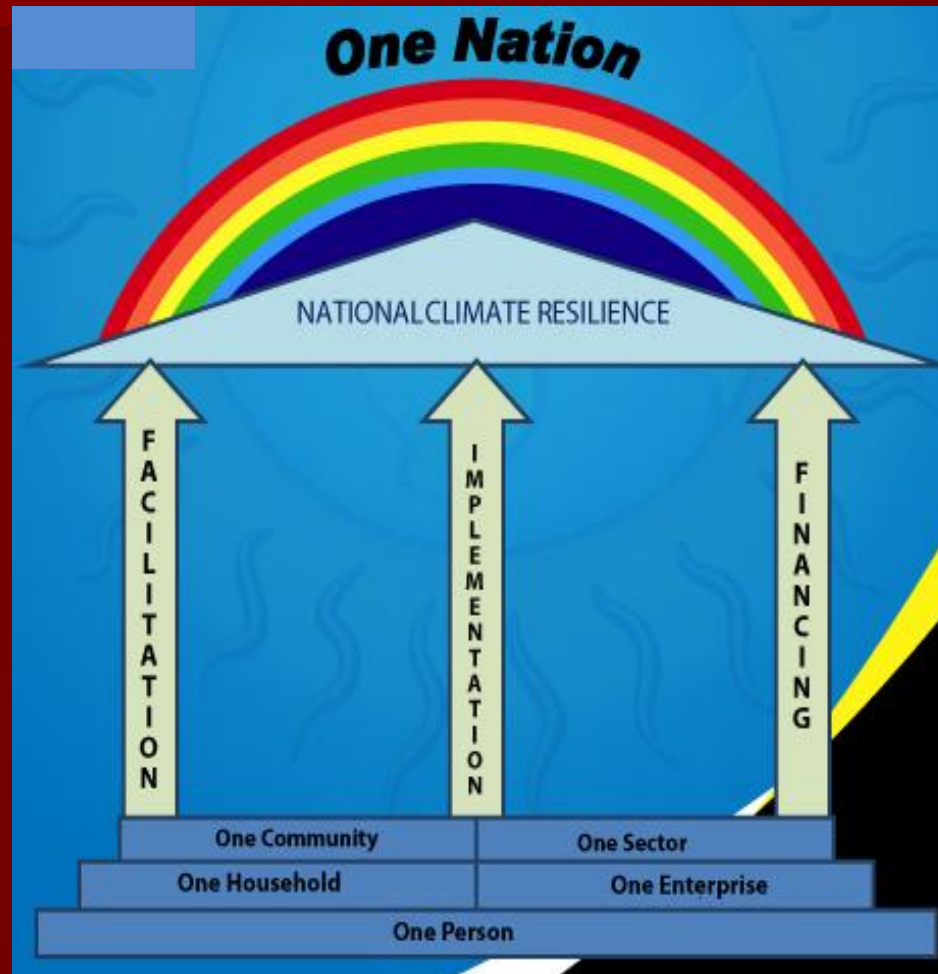


# SAINT LUCIA'S STRATEGIC PROGRAMME FOR CLIMATE RESILIENCE (SPCR)

UNDER AND BEYOND THE PPCR

Caribbean Regional Pilot Programme for Climate Resilience



# Presentation Outline

## 1. Background

- Saint Lucia- Overview, Climate Projections/Impacts
- Key Climate Change Challenges
- Approach to SPCR Formulation
- Principles for SPCR Preparation
- Linkages and Synergies

## 2. SPCR & IP

- Strategic Programme Areas
- Modalities and Activities
- Focus on CALF
- Summary of Investment Plan
- Co-Financing
- Project Preparation Grant Request
- Summary



# Saint Lucia: Overview

- Location 13° 59' N; 61° W
- Area: 616 Km<sup>2</sup>
- Population: May 2010: 166,526 persons
- Geology/Topography: Rugged, primarily volcanic, narrow coastal belt
- Main Economic Activities: Tourism, Agriculture, Fishing, Services, Small Manufacture
- Lies within tropical Atlantic Hurricane Belt and within zone of high volcanic and tectonic activity



# Saint Lucia: Climate Change Projections & Impacts

- Regional Climate Change Models/analyses project:
  - **Decrease** in annual **rainfall**; Increase in **frequency of Cat 4 & 5** hurricanes from 1.4 to 3-4 p.a. by 2025
  - More **severe droughts**, but, despite less rain overall, **more rain during storms**
  - 2010, **most severe drought in 40 years** followed by **most destructive storm in memory-Hurricane Tomas**: >600 mm rainfall; 1/3 of annual GDP destroyed in 24 hours
- Vulnerability studies indicate emerging and future (moderate/severe) **impacts on all key sectors**





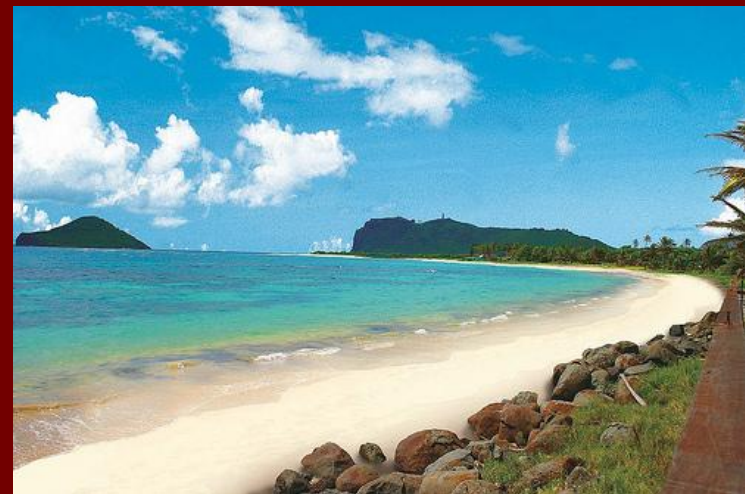
# Key Challenges

- Policy, legislative, fiscal and institutional framework inadequate and fragmented
- Some demographic groups and considered to be particularly at risk
- Publics not sufficiently aware, or empowered
- Business and other economic sectors challenged to maintain productivity and continuity of operations



# Key Challenges, cont'd

- Capacity to respond at community and sectoral level inadequate
- Climate-relevant data/information inadequate, sporadic, fragmented, and poorly shared/exchanged
- Critical buildings/structures and water infrastructure, vulnerable to extreme weather events (floods, droughts and hurricanes)
- Coastal management capacity inadequate; coastal management planning and development inadequately considers climate risks
- Climate financing inadequate, project-driven, discontinuous



# SPCR Formulation: Country-Owned and Country-Driven

- Fundamental premise: **climate change not an environmental problem, but a challenge to Saint Lucia's sustainable development**
- Approach will reflect **national developmental needs and socio-economic realities**
- SPCR will **complement** existing national and regional imperatives
- SPCR expected to bring about **meaningful and lasting change**
- Process will be **inclusive, participatory and transparent**



# Principles for SPCR Preparation

- 1: Developing a comprehensive investment **BLUEPRINT** for all stakeholders, to be implemented well beyond PPCR lifespan/funding
- 2: **Building on past/** existing research, assessments, policies and institutions
3. **Building National Capacity:**
  - Local Consultants
  - Identifying capacity-building needs for inclusion in SPCR
  - Training in data management/sharing (Phase 1) to enable agencies to begin to better share and use geo-spatial data





# Principles cont'd

4. Recognizing **shared responsibility** for climate change response between Government, Private Sector and Civil Society and need to engage and empower them all

5. **Targeting specific segments/sectors**-tourism, commerce, banking, fishing, agriculture to identify their particular needs and concerns

6. Giving special consideration to demographic groups **particularly vulnerable** to the impacts of climate change



# Focus on Principle 6: Vulnerable Groups

- **Children under 14, female-headed households, elderly**
  - UNECLAC 2005/2006 Survey of Living Conditions & Household Budgets for Saint Lucia
- Trend of **diminishing role of males** in society vis-à-vis females
  - 2010 Population and Housing Census
- The **sick, poor, uneducated , farmers, fishers**
- **Civil society consultations** facilitated inclusion of vulnerable groups
- **Civil Society/Community Development Organisations** also targeted in sessions with private sector-CSR connection; and focus group and one-on-one sessions

# Focus on Principle 6: Vulnerable Groups cont'd

- **KAP household survey** (2005 & 2011) on climate change-some 500 persons across Saint Lucia's 10 districts, including youth and elderly
  - 49 % female; 51% male
- Ministry of **Education**, Ministry of **Health**, Wellness and **Gender** Relations, Ministry of **Social Transformation**, **Youth** and Sports, Ministry of **Agriculture**, Lands, Forestry and **Fisheries**
- Need further mapping of social dimensions of vulnerable groups for **profiling** and **identification of hotspots of high vulnerability**
- **An informed** climate change PEO Strategy & IP, and concrete interventions during **PPCR & beyond**





# Linkages & Synergies: 1.Implementation Arrangements

Establishment of a robust and effective framework for SPCR execution:

- **National Executing Agencies-** Ministry of Physical Development & the Environment and Ministry of Finance
- **Technical Input from Climate Resilience Steering Committee (CRSC)** of broad-based Cabinet-appointed **National Climate Change Committee (NCCC)** established 1998
- **Project Management Team**



# Linkages & Synergies: 2. Mainstreaming

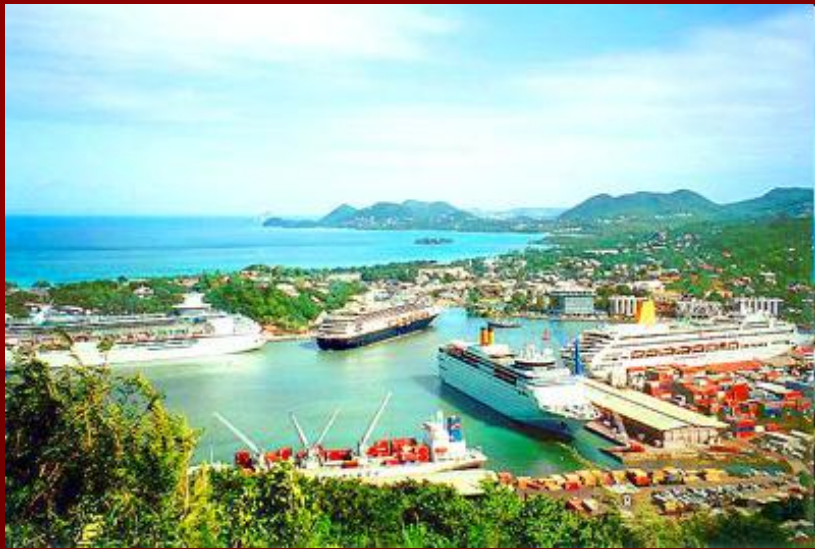
- **Mainstreaming** climate resilience-building and **knowledge management** for **catalytic** and **transformational** change:
  - **Starting in Phase 1**
    - Cross-sectoral (revised) Climate Change Adaptation Policy
    - Basket of Incentives for PPCR & beyond
    - Review of key legislation to include climate change considerations
    - Public Education Strategy & Implementation Plan informed by KAP Study and linked with Environmental Education Policy
    - Recommended standards, protocols for enhanced data management
    - Continuous documentation of process and outputs

# Linkages & Synergies: 3. Regional Initiatives

- Implementation Plan for the CARICOM Regional Framework for Achieving Development Resilient to Climate Change, 2011-2021
  - Umbrella Plan for Caribbean region
- **Saint Lucia is lead head in CARICOM for Sustainable Development, including climate change**
- USAID-**OECS** Project on Climate Variability, Change and Adaptation
- Special Programme on Adaptation to Climate Change (SPACC)
  - Opportunities for up-scaling/replication

Proposal for **Phase 1 Proposal under Regional Track** of PPCR Caribbean is still being elaborated:

- Continuous dialogue with IDB...
- Linkages already emerging in Capacity Development, Information Sharing, Advocacy and Policy Development, Knowledge Management
- Expectation that regional and national will be mutually reinforcing in data acquisition, sharing and use



# Strategic Programme for Climate Resilience & Investment Plan





# SPCR: Strategic Programme Areas

■ Activities from blueprint fall under **five** strategic programme areas:

1. Human Welfare & Livelihood Protection
  2. Integrated Natural Resource Protection, Conservation & Management to Promote Sustainable Development
  3. Building Resilience through Business Development, Innovation and Productivity Enhancement
  4. Capacity Building & Institutional Strengthening
  5. Reducing Risk to Climate-Related Disasters
- Strategic programme areas (especially #5) closely interwoven with broader fabric of **Disaster Risk Reduction (DRR)**. For reasons of synergy, SPCR activities to **blended** with those implemented under **Disaster Vulnerability Reduction Project (DVRP)**

# SPCR: Modalities

Due to **cross-cutting** nature of interventions, activities subsumed under **three modalities**:

1. Adaptation Facilitation
2. Adaptation Implementation
3. Adaptation Financing

# 1: Adaptation Facilitation

Enhancing **enabling environment** for building resilience at **all levels** by strengthening existing policy, legislative, institutional and fiscal frameworks:

- Strengthening national level policy, legislative and institutional framework for climate resilience and enhancing PPCR implementation
- Public education and outreach
- Research & systematic observation data/information acquisition and knowledge management
- Human resource capacity building for climate resilience



# 2: Adaptation Implementation

Taking **direct** and **concrete** action to address climate change impacts:

- Implementing climate resilience measures in critical buildings
- Coastal zone management for climate resilience
- Supporting community-level interventions in water resource conservation and management





# 3. Adaptation Financing

Instituting measures aimed at increasing **access** to climate resilience resources and fostering **predictability** and **adequacy** of financing

- Climate Change Adaptation Financing Facilities:
  - Climate Adaptation Trust (CAT) Fund
  - Climate Adaptation Loan Facility (CALF)



# FOCUS: CLIMATE ADAPTATION LOAN FACILITY (CALF)

- Private Sector:- largely **micro, small and medium enterprises** (MSMEs) with relatively few large corporate entities
- **MSMEs, CSOs and households** often not able to **access** financing at existing market rates
- CALF-Assisting target groups in **addressing or adjusting to a public “bad”** which will affect welfare and livelihoods significantly
- Helping to meet **demand** for financing for household, community and business level resilience-building, e.g. BCPs, communal rainwater harvesting, retrofitting, PV, farm level interventions, community river defences
- Promoting the **exploration** and **diffusion** of new **technologies**

# CALF cont'd

- **Clear and transparent criteria** for project selection will be developed and applied
- Development of **operations manual, awareness & marketing strategy, training & capacity building**
  - Linked to **Climate Change PEO Strategy and IP**
- **Grant funding** expected to play a role to **support uptake**
- Bundling of CALF and CSR principles as **pivot to demonstrate** that building climate resilience is the business of all, while **encouraging heightened corporate image and social responsibility**
- **Modalities to be developed** through feasibility study

# Summary of Investment Plan

<b>SPCR Grant Funding Request</b>	<b>US\$5 to US\$7 million</b>
<b>SPCR Concessional Loan Funding Request</b>	<b>US\$7 to US\$10 million</b>
<b>SPCR Co-Financing (DVRP)</b>	<b>US\$10 million</b>
<b>Total Programme</b>	<b>US\$22 to 27 million</b>



# Co-Financing

## ■ **Confirmed:**

DVRP Project: US\$10M

## ■ **Indications:**

1. CaribSave Project
  2. Climate & Development Knowledge Network
  3. Coconut Bay Beach Resort & Spa
  4. Consolidated Foods Ltd
  5. Saint Lucia Air & Sea Ports Authority
  6. Saint Lucia National Trust
- Other parallel funding/complementary activities

# Next Steps: Gearing for Implementation: Project Preparation Grant Request

- Project Preparation Grant requested to cover **TA and incremental costs for specific activities**. Short-term TA for:
  - 1. **a.** Undertaking social/environmental assessments (SEAs) to meet preparation standards and safeguards requirement , including relevant consultations
  - **b.** Conducting technical studies for civil works investments

# Next Steps: Gearing for Implementation: Project Preparation Grant Request

- 2. Conducting feasibility study for design and costing re establishment of CALF and CAT
- 3. Securing short-term TA for project preparation/implementation readiness including:
  - Preparation of TORs for activities outlined in (1) and (2); and for activities to be done early in implementation phase
  - Oversight/management of activities undertaken in project preparation phase
- Funding request: US\$0.376M

# Summary

- Saint Lucia's SPCR:
  - Prepared in direct response to identified challenges and needs
  - Consistent with CARICOM Climate Resilience Implementation Plan and PPCR Regional Track
  - Developed through transparent, inclusive participatory process
  - Country-owned and country-driven
  - Forward-looking and serves as blueprint for future resilience-building investments
- Funding available under the PPCR cannot meet all needs but an important stepping stone towards building national resilience and effecting catalytic and transformational change



# Thank You



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