

**UNCTAD National Workshop Saint Lucia**  
24 – 26 May 2017, Rodney Bay, Saint Lucia

**“Climate Change Impacts and  
Adaptation for Coastal Transport  
Infrastructure in Caribbean SIDS”**

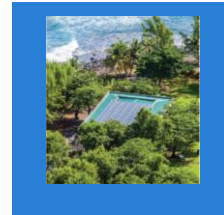
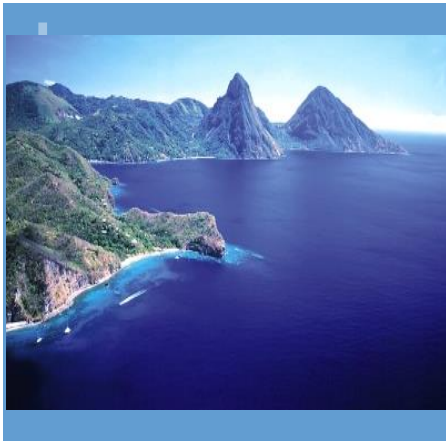
**A snapshot of Saint Lucia’s Nationally  
Determined Contribution to the UNFCCC**

**By**

**Neranda Maurice-George**

Department of Sustainable Development  
Government of Saint Lucia

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## A snapshot of Saint Lucia's Nationally Determined Contribution to the UNFCCC

Neranda Maurice-George  
Department of Sustainable Development  
Government of Saint Lucia  
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## + UNFCCC OBJECTIVE

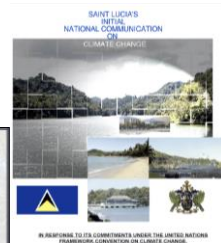
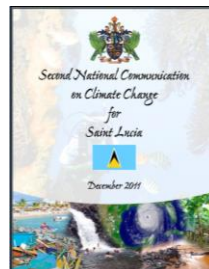
- “The **ultimate** objective of this Convention and any related legal instruments that the Conference of the Parties may adopt is to achieve, in accordance with the relevant provisions of the Convention, **stabilization of greenhouse gas concentrations in the atmosphere** at a level that would prevent dangerous anthropogenic interference with the climate system. Such a level should be **achieved within a time frame sufficient to allow ecosystems to adapt naturally to climate change**, to ensure that food production is not threatened and to enable economic development to proceed in a sustainable manner”.

■ UNFCCC Article 2

## + SAINT LUCIA & THE UNFCCC

### KEY DATES

UNFCCC- June 1993  
KP- August 2003  
INC-2001  
SNC- 2012  
PA- 2016  
NDC-2016  
TNC-2017  
BUR1-2019





## Why NDCs

- Responsive to Article 2 of the convention
- Ad Hoc Working Group on the Durban Platform for Enhanced Action (ADP) 1/CP.19;
- 1/CP.20 & 1/CP 21.
- PA Article 3, Article 4 para 2

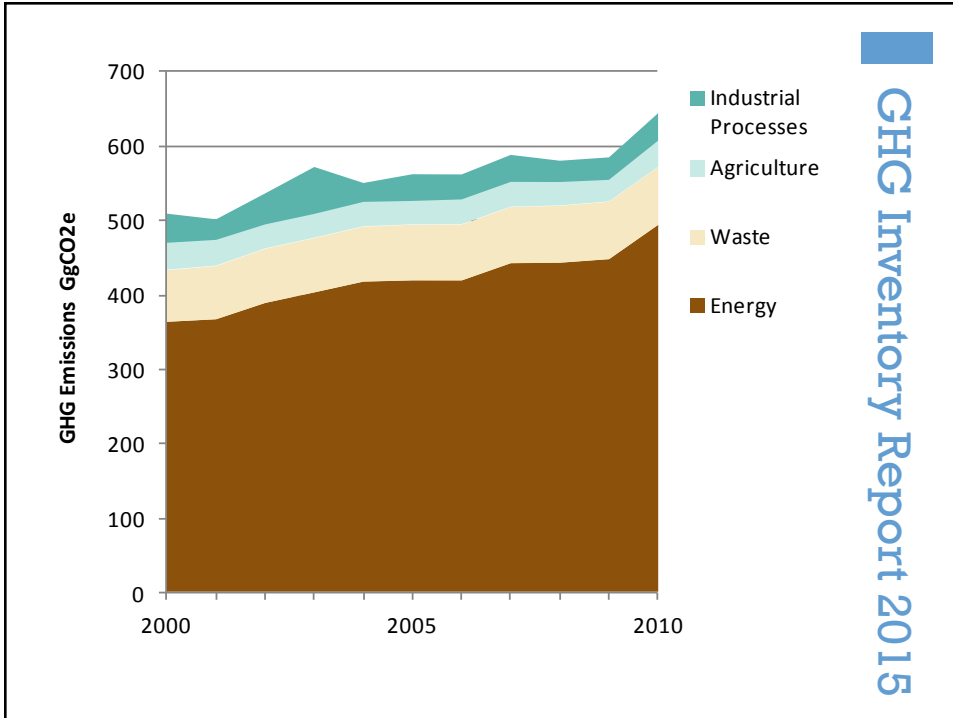


Photocredit: [http://unfccc.int/focus/indc\\_portal/items/8766.php](http://unfccc.int/focus/indc_portal/items/8766.php)

Submissions to date: 162 ; Parties Represented: 190



## Key Reporting findings related to NDCs



**+ GHG Inventory Report 2015**

Sector	Source Categories to be Assessed in Key Source Category Analysis <sup>1</sup>	Emission Estimate (current year, non-LULUCF) (Gg CO <sub>2</sub> eq)	Level Assessment excl. LULUCF (%)	Cumulative level excl. LULUCF (%)
<b>Sum</b>	<b>Sum</b>	<b>658.1</b>		
Energy	CO <sub>2</sub> Emissions from Stationary Combustion (Liquid-A)	251.3	38.2%	38.2%
Energy	CO <sub>2</sub> Mobile Combustion: Road Vehicles	197.1	30.0%	68.1%
Waste	CH <sub>4</sub> Emissions from Solid Waste Disposal Sites	68.4	10.4%	78.5%
Industrial Processes	HFC Emissions from Substitutes for Ozone Depleting Substances (ODS Substitutes)	36.9	5.6%	84.1%
Agriculture	N <sub>2</sub> O (Direct and Indirect) Emissions from Agricultural Soils	21.3	3.2%	87.4%
Energy	CO <sub>2</sub> Other Sectors: Residential	20.2	3.1%	90.4%

## + TNC-Mitigation Assessment 2015

Action	Description of Intervention	Proposed Time-frame for Implementation
Create necessary regulatory environment to enable large scale renewable integration	Bring into force revised Electricity Supply Act.	First quarter of 2016
	Support to Utility Regulatory Commission	From 2016
	Favourable feed-in tariffs and tax conditions for renewable technologies, equipment and installation.	2017 – 2030
	Development and operation of an Independent Power Producer framework	2017 – 2030
	Better coordination across Ministries to address overlapping jurisdictions and challenges	From 2016
Capacity Building	Study to determine amount of renewable that can be added to the grid while allowing for grid stability.	2016
	Certification and training for installers to ensure efficient deployment.	2017 to 2020
	Capacity building on PPA negotiation.	2017
Connect 21 MW of renewable power	<p>Three mitigation scenarios are proposed to consider a range of possible outcomes:</p> <ol style="list-style-type: none"> <li>12 MW wind, 3 MW utility scale PV, 6 MW grid connected distributed residential/commercial PV.</li> <li>15 MW geothermal, 3 MW utility scale PV, 3 MW grid connected distributed residential/commercial PV</li> <li>5 MW wind, 12 MW utility scale PV, 4 MW grid connected distributed residential/commercial PV</li> </ol>	<p>Assumes that 21 MW of renewable energy will be fully commissioned and operating by 2020. While this is ambitious it is possible if the government is able to move forward quickly on tendering and approval of renewable energy projects.</p>

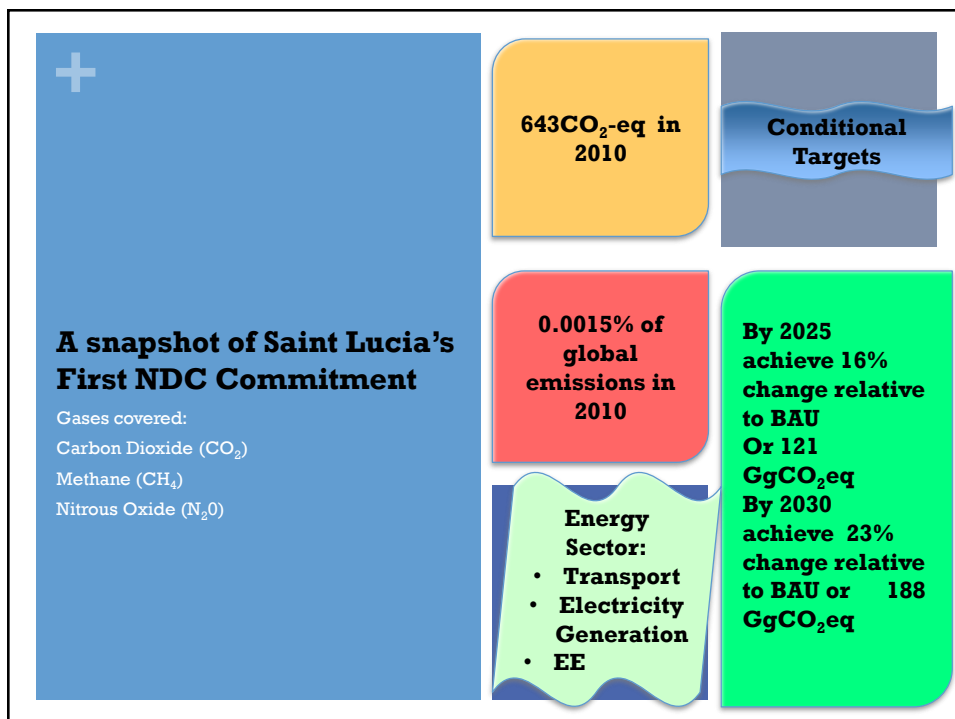


### **Saint Lucia's First NDC Commitment**

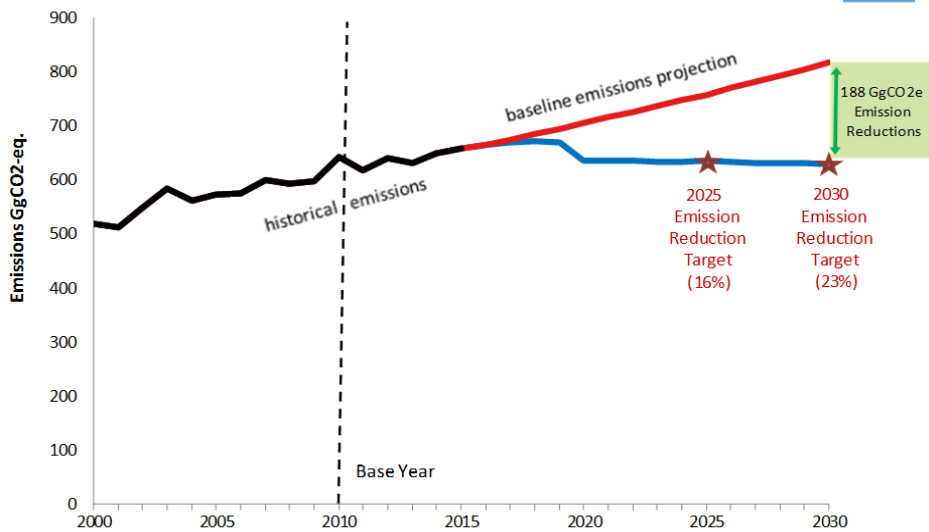
2030 with 2025 intermediate target

## + NDC Key considerations

- Fostering National Ownership
  - Stakeholder consultations
  - Output of TNC Process
- Current national circumstances
  - Thrust towards renewable
  - Legislative reform
- Regional & International considerations
  - SE 4All
  - CARICOM SE Roadmap



## + Emissions Trajectory



## + Mitigation Priorities

### ENERGY SECTOR

RE  
Electricity  
Generation

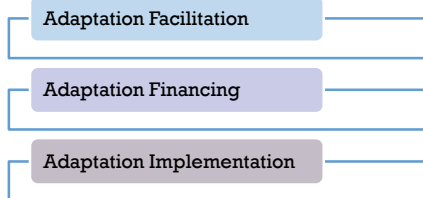
Energy  
Efficiency

Key  
Transport  
Sector  
Activities



## + Adaptation Priorities

CCAP 2015 interconnected processes



**Building resilience** - *"One household, enterprise, community, sector at a time"*

### Possible Actions

- ✓ Coastal Zone Management for Climate Resilience
- ✓ Food Security
- ✓ Sustainable Land Management
- ✓ Slope Stabilization

### Possible Actions

- ✓ Water Resource Conservation & Management
- ✓ Rain Water Harvesting
- ✓ Human Health

## + Implementation Challenges

- Governance
- Finance
- MRV Framework

## + Way Forward

- **Comprehensive implementation plan**
  - Identifies gaps and required resources
  - Continued stakeholder engagement
- **Build on existing partnerships and identify further partnerships**
- **Develop and build on initiatives that will assist us in achieving our target**
  - Defines strategic initiatives
- **Identify feasible funding opportunities**



**THANK YOU  
FOR  
YOUR  
KIND  
ATTENTION!**

