

# SAINT LUCIA



GREEN  
CLIMATE  
FUND

GLOBAL  
PROGRAMMING  
CONFERENCE

Project title				
Enhancing the Climate Resilience of the Water Sector in Saint Lucia				
Result areas	Sector	Total financing, USD	GCF financing, USD	Financial instrument
Most Vulnerable people and communities; Health and wellbeing and food and water security; Ecosystem and ecosystem services; and Energy access and power generation	Public	10,300,000.00 ( <i>Note co-financing</i> )	Simplified Approval Process	Grant
Description of specific climate change problem and how the project will address it	Saint Lucia is a Small Island Developing State that is highly vulnerable to climate change and natural disasters. The water is considered to be the most vulnerable sector due to its crosscutting nature and its critical role for the two main drivers of the country's economy, i.e. Agriculture and Tourism. Seasonal water shortages, damage to water infrastructure from extreme weather events which cause interruptions in supply and degradation of climate sensitive surface water sources are the main challenges. To address these issues, the GCF project intends to achieve: (a) increased water access, availability and quality; (b) increased water efficiency and conservation; (c) and strengthened preparedness for climate variability and weather extremes. The project will enhance storage facilities and scale up rainwater harvesting to provide vulnerable households with year round access to potable water. Water will be abstracted and distributed in a more cost effective manner, which will contribute to reductions in greenhouse gases. Critical water catchments will be better protected and the project will influence members of the public to change their behavior by practicing water conservation.			
Alignment with key country priorities and stakeholders engaged	The project is aligned to the SASAP for the Water Sector in Saint Lucia along vulnerability assessment carried for the water sector in Saint Lucia.			

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## Activities

- Emergency water storage systems in water stress areas; Rainwater Harvesting Systems in vulnerable households and public facilities;
- Landscape rehabilitation plans, Agroforestry for riverbank protection, slope stabilization measures, stakeholder trained in Sustainable Land Management;
- Millet intake upgrade, SCADA expansion, improved motor management Bois Jolie optimization, pumping right sizing gravity system from Erat intake; and
- Project coordination, M&E, Water Sector climate change communication plan, Education and awareness raising, update emergency management plans, seasonal forecast to manage drought risk

## Expected outcomes

- Reduction of CO<sub>2</sub> Emissions equivalent to 8,833 tCO<sub>2</sub>eq;
- An estimate 21,000 direct beneficiaries will benefit from year round consistent potable water, including rural farming communities and the hotel sector

## Paradigm shift potential

- The anticipated paradigm shift of the project includes the transformation of the water sector from one that is annually challenged by climate related impacts to a system that is able to reliably provide water to the public year round and immediately following extreme weather events, and where the public plays a more direct role in the sustainability of water resources.