

# SAINT VINCENT & THE GRENADINES



GREEN  
CLIMATE  
FUND

GLOBAL  
PROGRAMMING  
CONFERENCE

Project title	St. Vincent and the Grenadines Sustainable Energy Transition			
Result areas	Sector	Total financing, USD	GCF financing, USD	Financial instrument
Energy access and power generation	Public	7,674,000	7,152,000	Grant
Description of specific climate change problem and how the project will address it	<p><b>Description of specific climate change problem:-</b>St. Vincent and the Grenadines (SVG) is a multi-island State subject to <b>high price volatile diesel fuel and High electricity prices</b> which results in the need for price reduction. 24% of total GHG emissions in SVG is from electricity generation The Government of SVG has set an <b>Energy transformation goal of 80% renewable energy generation by 2021.</b> and a target to <b>reduce nation – wide greenhouse gas (GHG) emissions by 22% by 2025</b></p> <p><b>How the project will address it?</b>Through the Installation of 2.4 MW solar &amp; 550 kWh energy storage in the island of Bequia, SVG can expect a reduction in the cost of electricity generation on the island by US\$0.13/kWh and a reduction of 60,000 tCO<sub>2</sub>eq. In addition the project would seek to <b>build capacity and knowledge management</b> in the energy sector to ensure success and <b>sustainability</b> of the activity and encourage <b>replication</b>.</p>			
Alignment with key country priorities and stakeholders engaged	<ul style="list-style-type: none"><li>This project is <b>aligned with SVG’s key mitigation priorities</b> to implement long-term sustainable energy solution and is responsive to (<b>NDCs 2015, NESDP 2013-2025, 2009 Energy Policy</b>). Additionally, <b>key stakeholders</b>, including (VINLEC, Energy Unit, NDA, government ministries, private sector institutions and community based organisations) have been and continues to be <b>engaged</b>.</li></ul>			

# SAINT VINCENT & THE GRENADINES



GREEN  
CLIMATE  
FUND

GLOBAL  
PROGRAMMING  
CONFERENCE

Project title:	St. Vincent and the Grenadines Sustainable Energy Transition
Activities	<ul style="list-style-type: none"><li>• Activity 1.1: Installation of grid-connected solar PV farm in Bequia.</li><li>• Activity 1.2 Installation of battery storage</li><li>• Activity 2.1 Technical training workshops and curricula on solar PV and storage</li><li>• Activity 2.2 Institutional capacity building</li><li>• Activity 2.3 Internship and mentoring</li></ul>
Expected outcomes	<ul style="list-style-type: none"><li>• <b>Reduction of GHG emissions</b> from the replacement of diesel fuel with 2.4 MW solar energy in Bequia and 550 kWh battery storage system</li><li>• <b>Improved technical capacity</b> on government institutions, VINLEC and private sector</li></ul>
Paradigm shift potential	<p><i>Explain how the proposed project can catalyse impact beyond one-off investment, setting conditions for replication and/or scaling up the project results</i></p> <ul style="list-style-type: none"><li>• Innovation</li><li>• Contribution to the creation of an enabling environment</li><li>• Potential for scaling-up and replication</li></ul>