


Project title Grenada – Leapfrog to Energy Efficiency Project (G-LEEP)
Result areas

Energy Generation and Access

Sector

Public/Private

Total financing, USD

USD26.8M

GCF financing, USD

USD24.8M

Financial instrument

Grant/Loan

**Description of
specific climate
change
problem and
how the project
will address it**
Climate Challenge

- Grenada's total emissions per annum are approximately 251,649 tons of CO₂, with 48% of this attributed to the electricity sector, because over 90% of its electricity is generated from high cost fossil fuel.
- Need for high efficiency energy use for public and private sector (commercial/industrial) energy users in Grenada.

How the Project Will Address It

- The Project will help to significantly eliminate energy inefficient practices and products in the Grenadian energy sector, displacing fossil fuel-based generation.
- The Project is expected to play a critical role in filling a financing gap in the public sector and establish an enabling environment for private sector involvement, which is necessary to support EE and RE investment projects.
- In the regional target countries, the pilot loan facility is expected to enable access to finance and identify the key features required for a larger regional facility to address the typical barriers within the Region.

**Alignment with
key country
priorities and
stakeholders
engaged**

- The Project is in line with GOCR Nationally Determined Contributions (NDC) commitments made in 2015, which was to reduce greenhouse gas (GHG) emissions by 30% in 2025 and by 40% in 2030 compared to 2010 levels.
- In line with the current development of a CARICOM Energy Efficiency Strategy, which is informed by the IUS (utility based ESCO) model for implementing EE.



Project title:	Grenada – Leapfrog to Energy Efficiency Project (G-LEEP)
Activities	<ul style="list-style-type: none"> • Component 1: Public Sector Energy Efficiency and Renewable Energy Transformation (RE/EE instalments in govt buildings, replacement of HPS bulbs with LED for street lighting). • Component 2: Policy Framework for Energy Efficiency Products (utilize regional and national policy instruments). • Component 3: Integrated Capacity-Building and Public Awareness Programme (capacity building training for each project components). • Component 4: Regional Private Sector Facility Pilot (using the ESCO model scale up the uptake of EE in the private sector).
Expected outcomes	<p>The expected outcomes of the Project are:</p> <ul style="list-style-type: none"> • Reduced consumption of fossil-fuel generated electricity through RE and EEM contributing to lower GHG emissions in Grenada and the target countries; • Enhanced private sector uptake of energy efficiency products.
Paradigm shift potential	<ul style="list-style-type: none"> • To catalyse impact beyond a one-off project investment using a combination of transformational market push and pull activities to address barriers to EE in Grenada; • Using Grenada as a demonstration case, deploy a Regional Private Sector Facility that will enable the private sector in Grenada, Belize, Barbados and Jamaica to access EE technology.