

Project Title: Piloting Solar-Photovoltaic (PV) Systems and Energy Efficient Streetlights in Bartica, Region Seven

Project Country: Guyana

Responsible Organization: Office of Climate Change, Ministry of the Presidency, Cooperative Republic of Guyana

Proposed Budget (USD): JCCCP Grant Funding: \$299,430.00
In Kind Contributions: \$79,250.60
Total Budget: \$378,680.60

Project Objective

The overall objective of the pilot project is to increase Bartica's – and by wider extension Guyana's - share of renewable energy in its electricity generation matrix and the application of energy efficiency in line with those plans.

Selected Focal Areas

This project will incorporate the following focal area identified under Outcome 2 of J-C CCP:

- Renewable Energy and Energy Efficiency

Targeted Stakeholder Groups

The project has varying stakeholders and they are as follows:

For the LED street lighting component:

- The citizens of Bartica
- The Regional Democratic Council
- The Town Council



For the PV systems with battery back-up and energy efficiency measures component:

- Students and teachers of the 3-Mile Secondary School
- Ministry of Education

Project Activities

The project will undertake the below activities:

- Installation of a 20kWp grid-connected solar photovoltaic (PV) system with a battery backup system at the 3-Mile Secondary School
- Installation of energy efficient lighting at the school
- Installation of energy efficient LED street lighting
- Public awareness campaign