Implemented by CREDP Caribbean Renewable Energy Development Programme

with funding from Austrian Development Cooperation

PROJECT FACTSHEET

Project Title	Photovoltaic Laboratory Equipment for SVG Community College		
Short description			
Procurement of photovoltaic teaching materials for the equipment of a PV laboratory in the St. Vincent Community College			
Project Partner	St. Vincent & the Grenadines Community College; Division of Vocational and Technical Education		
Address	St. Vincent & the Grenadines Community College Arnos Vale, St. Vincent		
Contact Person	Mr. Kenroy Questelles; Email: kquest2005@yahoo.com		
Project country	St. Vincent & the Grenadines		
Implementation Date	Dec 2011 – Sep 2012		
Total Cost	US$ 15,475	ADC Financing	US$ 15,475
Funding agencies	Austrian Development Cooperation (ADC), implemented through the German Government funded CREDP-GIZ		
Equipment procured			
The laboratory equipment was procured as collection of individual items comprising, among others, 8 x PV panels (mono-crystalline, poly-crystalline and amorphous); mounting frames for outdoor installation of panels; 6 x charge controller; 8 x accumulators; 3 x DC-AC inverters 12V-DC to 220 V-AC; various fluorescent, CFL and LED lamps of different wattage, including respective desk lamps and lamp sockets and switches; 6 x digital multi-meters; 1 x oscilloscope incl. accessories; cables for outside and inside installation; 1 set of laboratory tools (plugs sockets, pincers, screwdrivers, etc.); 3 x digital lux-meter; 2 x solar cell (calibrated) for measuring solar radiation and temperature correction; 3 x navigational compass (digital); spirit level for measuring inclination; adjustable resistors and Schottky Diodes; 3 x books on Renewable Energy and Photovoltaic Power Supply; 1 x SMA web-box; 1 x laptop computer; 1 x LCD projector and white screen for computer projections			
Project Objective			
The laboratory equipment assists the teachers to train the students of the college in the fundamentals of photovoltaic technology, the design, installation, operation and maintenance of PV systems and allows hands-on training on laboratory scale.			
Project context			
The equipment is part of CREDP-GIZ's assistance to the college for the implementation of PV courses into the curriculum. The overall objective is to build capacity for the PV market in the Caribbean region, and here in particular St. Vincent and the Grenadines.			
Further information	Please contact the technical college: svgcctech@gmail.com; or Mr. Kenroy Questelles: kquest2005@yahoo.com		
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