



The Sustainable Economic Development Unit
(SEDU)

The University of The West Indies,
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Workshop on Sustainable Energy in the Caribbean Context.

Background

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- The United Nations Environment Programme ‘UNEP’ and The University of the West Indies, Sustainable Economic Development Unit ‘UWI-SEDU’ are working together on a project entitled Regional Gateway for Technology Transfer and Climate Change Action (REGATTA)

About the Project

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- Support Caribbean countries in the development, planning and implementation of Greenhouse Gas (GHG) mitigation policies for the transport and tourism sectors;
- Provide on-demand technical, policy and institutional support services to Latin American and Caribbean countries on legal, regulatory, institutional and fiscal frameworks for GHG mitigation and low carbon development;
- Develop, organize and implement a minimum of one regional (or sub-regional) workshops on the Deployment of Solar Energy Technology in the Latin America and/or Caribbean region;
- Lead the content management of the Caribbean Regional information sectors of the REGATTA website.

BENCHMARK INDICATORS	TOTALLED VALUES (USD)
BENEFITS OF SOLAR WATER HEATING	
Total No of households	1,991,861
Total No of households connected to the electricity grid	1,801,577
Total Electricity(kw/hr) Consumed per household per annum	11.195
Total Electricity consumed/annum(gw/hr)	20.17
Total Electricity saved (gw/hr)	7.16
SAVINGS FROM SOLAR WATER HEATING	
Total tCO ₂ e abated per annum (mt/tonnes)	5,764,878
Total oil imports saved (barrels/annum)	48,151,276
Total foreign exchange saved (US \$)	2,596,321,800
FINANCING OF SOLAR WATER HEATING	
Total Potential Carbon market contribution at 5\$ per ton	28,824,390
Total Potential Carbon market contribution at 10\$ per ton	50,764,878

Source: Taken from “Prospects for carbon markets in the Caribbean : a case study of Barbados” MSc Economics Research Paper (2010) by Chiedozie Dickson Osuala, UWI St. Augustine Campus

Objectives

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- **Workshop Objective: To assess the current state of Sustainable Energy Initiatives in the Caribbean and determine specific areas for intervention and support in the Caribbean Region as a whole and in individual countries.**

Expected Outcomes

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- The identification of success factors and challenges in adopting and implementing Sustainable Energy initiatives;
- The identification of resource needs and areas requiring interventions;
- The elaboration of current supporting initiatives in the region;
- The identification of specific interventions for maximizing benefits from Sustainable Energy initiatives.

Date and Venue

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- **Date:** 30th and 31st October 2012.
- **Venue:** Kapok Hotel, Trinidad W.I.