

**United Nations Development Programme**  
**Country: St Vincent and the Grenadines and the OECS**  
**Annual Work Plan**

<b>Project Title</b>	Promoting Access to Clean Energy Services in St. Vincent and the Grenadines (PACES)
<b>UNDP Strategic Plan Environmental and Sustainable Development Primary Outcome: Outcome 1</b>	Growth and development are inclusive and sustainable, incorporating productive capacities that create employment and livelihoods for the poor and excluded.
<b>UNDP Strategic Plan Secondary Outcome – Outcome 5</b>	Countries are able to reduce the likelihood of conflict and lower the risk of natural disasters, including from climate change.
<b>UNDAF/SPD Outcome (s):</b>	Outcome 1 Improved governance and regulation of environmental and energy issues for more resilient economies by 2016.
<b>Expected CPAP Output(s)</b>	Enhanced capacity of national, sub-regional and regional institutions and stakeholders to: effectively manage natural resources; build resilience to adverse impacts of climate change and natural anthropogenic hazards; improved energy efficiency and use of renewable energy; improved policy, legal, regulatory and institutional frameworks for environmental and energy governance.
<b>Implementing Partner:</b>	Energy Unit of the Ministry of National Security (MoNS)
<b>Responsible Parties:</b>	VINLEC (Implementing Entity) / Ministry of Health, Wellness and Environment (MoHE) ( Responsible Partner)

Programme Period: 2014-2017	2016 AWP budget: \$876,923.79 USD
Key Result Area (Strategic Plan): Sustainable Development Pathways	Total resources required \$91,351,484 USD
Atlas Award ID: 00080915	Total allocated resources: \$91,351,484 USD
Project ID: 00090426	
Start date: July 1, 2014	<ul style="list-style-type: none"> <li>• GEF \$1,726,484</li> <li>• Energy Unit (MoNS) \$ 725,000</li> <li>• VINLEC \$10,300,000</li> <li>• Barbados Light &amp; Power Holdings \$ 78,000,000</li> <li>• Private Property Owners \$600,000</li> </ul>
End Date: June 30, 2017	TOTAL: \$91,351,484 USD
PAC Meeting Date: March 10, 2016	
Management Arrangements: NIM	

Agreed by Government of St Vincent and the Grenadines:

*JAF 23/5/16*  
Date/Month/Year

Agreed by UNDP:

  
Date/Month/Year

EXPECTED OUTCOME	PLANNED ACTIVITIES					RESPONSIBLE PARTY	Funding Source	Budget Description	2016 US\$
		Q 1	Q 2	Q 3	Q 4				
<p>Outcome 1: The Energy Unit with the support of VINLEC evolves into a facilitation centre to support private sector RE investment development, enable regulators to determine fair flexible tariff structures, bring confidence to private RE investors and increase the number of approved RE projects.</p> <p><i>Indicator:</i> Number of on-grid RET's approved based on studies of improved RE policy and tariffs and RE grid integration <i>Baseline:</i> 0 <i>Targets:</i> 2</p> <p><i>Indicator:</i> Number of RE development project proponents that were assisted by staff from Energy Unit and VINLEC in the technical design of their projects. <i>Baseline:</i> 0 <i>Targets:</i> 352</p>	1. Resource Assessment and Development of inventory on RE Resources in SVG					MOHWE	EC	<ul style="list-style-type: none"> <li>Database and study on RE resources</li> </ul>	To be determined
	2. Review of the current Energy Policy and Action Plan					MOHWE	EC	<ul style="list-style-type: none"> <li>Local consultant</li> <li>Stakeholder workshop</li> </ul>	\$18,000
	3. Proposed amendment to the Electricity Supply Act of SVG					MOHWE	EC	<ul style="list-style-type: none"> <li>Local Consultant</li> <li>Stakeholder workshops</li> <li>Stakeholder meetings</li> </ul>	\$23,555.56
<p>Outcome 2: Raised awareness and increased capacity of government personnel and local entrepreneurs to support the development of RE projects in SVG and by</p>	1. Social Media Awareness Campaign					MOHWE	EC	<ul style="list-style-type: none"> <li>Creation of Social Media Accounts: Facebook, Twitter &amp; Instagram</li> </ul>	\$1,000
	2. Provide Technical Support to the Technical College for training in Solar PV installation					MOHWE	EC	<ul style="list-style-type: none"> <li>Training of the Trainers</li> <li>Expansion of curriculum &amp; Evening classes on solar pv installation</li> <li>Upgrade of RE lab</li> </ul>	\$70,000

<p>geographic extension, other CARICOM countries.</p> <p><i>Indicator:</i> Number of managers in VINLEC and Energy Unit dedicated to promoting of RE investments</p> <p><i>Baseline:</i> 1</p> <p><i>Targets:</i> 3</p> <p><i>Indicator:</i> Number of technical personnel in VINLEC, Energy Unit and in the private sector who can provide technical oversight on RE project development in SVG and other OECS countries.</p> <p><i>Baseline:</i> 2</p> <p><i>Targets:</i> 8</p> <p><i>Indicator:</i> Number of tradespersons who have local certification to construct, assemble, operate and maintain RE technologies</p> <p><i>Baseline:</i> 0</p> <p><i>Targets:</i> 50</p>	3.	Workshop on Electric Mobility				MOHWE	EC	<ul style="list-style-type: none"> <li>• Consultancy</li> <li>• Electric Mobility four day Seminar</li> </ul>	\$52,000	
	4.	Presentations/discussions on thematic energy related issues to three (3) selected secondary schools and one Tertiary institution on mainland St. Vincent				MOHWE	EC	<ul style="list-style-type: none"> <li>• Workshop</li> <li>• Travel</li> <li>• Publication</li> </ul>	\$1,814.81	
	5.	Presentations/discussions on thematic energy related issues to three (3) selected secondary schools in the Grenadine Islands of Bequia and Union Island				MOHWE	EC	<ul style="list-style-type: none"> <li>• Workshop</li> <li>• Travel</li> <li>• Publication</li> </ul>	\$3,027.91	
	6.	Website Launch				MOHWE	EC	<ul style="list-style-type: none"> <li>• Soft Launch in the Press and on Social Media</li> </ul>	*To be conducted by the Project Team**	
	7.	Development of brochures for RE awareness				MOHWE	EC	<ul style="list-style-type: none"> <li>• Information pamphlets on the varying RE resources</li> </ul>	\$1,296.30	
	8.	Four (4) Community based consultations on Sustainable Energy in collaboration with the Adult and Continuing Education Unit				MOHWE	EC	<ul style="list-style-type: none"> <li>• Seminars</li> <li>• Publications</li> </ul>	\$2,166.67	
	9.	Provide technical support to the Ministry of Education for the development of an animation film on RE and Energy Efficiency				MOHWE	EC	<ul style="list-style-type: none"> <li>• Creation of animation film on Sustainable Energy</li> </ul>	\$1,851.85	
	10.	Wire transfer costs for consultant's cheques				MOHWE	EC	<ul style="list-style-type: none"> <li>• Wire transfer fee for three consultations done in November 2015</li> </ul>	\$111.11	
	<p><b>Outcome 3: Renewable Energy</b> accounts for an increased share of SVG's power generation mix</p> <p><i>Indicator:</i> Number of RE projects that are financed through RE</p>	1.	Performance Assessment of Electric Vehicle				MOHWE	EC	<ul style="list-style-type: none"> <li>• Collection of performance data on the electric vehicle (test drives, development of supporting documents; test parameters, conditions for use etc.)</li> </ul>	**Done in house by the Project Team**
		2.	Site Assessment for the				MOHWE	EC	<ul style="list-style-type: none"> <li>• The specific Geothermal</li> </ul>	\$150,000

<p>funds where VINLEC has involvement in operationalization by EOP</p> <p>Baseline: 0</p> <p>Targets: 2</p> <p>Indicator: Number of privately-financed RE projects connected to VINLEC electricity grid by EOP</p> <p>Baseline: 0</p> <p>Targets: 151</p> <p>Indicator: MW of RE on-grid projects installed by EOP</p> <p>Baseline: 0</p> <p>Targets: 5.20</p> <p>Indicator: MW capacity of RE generation projects (on-grid and off-grid) in planning and design staged by EOP</p> <p>Baseline: 0</p> <p>Targets: 50</p>	Geothermal Activity						Activity has not been confirmed by the Director of Energy	
	3. Solar photo voltaic supply and installations at the Belle Isle Correctional Facility 50 kW				MOHWE	EC	<ul style="list-style-type: none"> <li>A 50kW solar PV system will be installed at the Argyle International Airport. A contractor has been hired for the supply and installation of the system within the second and third quarter.</li> </ul>	\$92,672.41
	4. Solar Photovoltaic supply and installation at the Argyle International Airport 108kW				MOHWE	EC	<ul style="list-style-type: none"> <li>A 105kW solar PV system will be installed at the Argyle International Airport. Procurement of a suitable firm to supply and install the system.</li> </ul>	\$367,372.60
	5. Electric Vehicle Launch and Roving Exhibition				MOHWE	EC	<ul style="list-style-type: none"> <li>A Launch to inaugurate the commissioning of the Solar PV charging station and Electric Vehicle will be held on April 14, 2016 in the Administrative Complex carpark. All stakeholders will be invited.</li> <li>On May 21-22 a roving exhibition will take place on the Leeward and Windward sides of the island to showcase the many sustainable energy technologies that are present in SVG.</li> </ul>	\$16,193.41
	6. Site Engineer for the Belle Isle Correctional Facility and Argyle International Airport Solar PV Projects				MOHWE	EC	<ul style="list-style-type: none"> <li>A Site Engineer will be procured to conduct the due diligence on both Solar PV installations i.e. at the Argyle International Airport and the Belle Isle Correctional Facility.</li> </ul>	\$5,555.56

	7. Electric Vehicle Insurance				MOHWE	EC	<ul style="list-style-type: none"> <li>The Electric Vehicle that was procured has been insured with VINSURE to cover any incidents or accidents that may occur during the life of the vehicle.</li> </ul>	\$1,368.77
	8. Charging Unit Post Paid bill				MOHWE	EC	<ul style="list-style-type: none"> <li>The Charging Station at the Administrative Complex has built in software to collect and relay information as the EV is charging. This software to collect and relay information as the EV is charging. This software requires a 30 MB data plan to function.</li> <li>The telecommunication company that was sought to provide this service is Digicel St. Vincent Limited.</li> </ul>	\$222.22
	9. Electric Vehicle Expense <ul style="list-style-type: none"> <li>Charging unit labels</li> <li>Number Plate</li> <li>Decal</li> <li>Digicel sim cards for charging units</li> <li>Car port banner</li> <li>Fed Ex costs to ship sim cards to the UK to be commissioned</li> <li>Two participants to travel to Grenada for certified EV maintenance training</li> </ul>				MOHWE		<ul style="list-style-type: none"> <li>All vehicle expenses listed are for the sole purpose of; awareness, training, maintenance and items associated with the responsibilities of owning a Vehicle.</li> </ul>	\$988.69
Project Management	1. Stationery				MOHWE	EC	<ul style="list-style-type: none"> <li>Pens, pencils, note pads etc. that are needed for the Project Team</li> </ul>	\$37.04
	2. Advertising Budget for RFP's				MOHWE	EC	<ul style="list-style-type: none"> <li>Advertisements placed in the local newspapers for consultancy services for</li> </ul>	\$2,666.67

						various project activities:			
3.	Ink for printing					MOHWE	EC	<ul style="list-style-type: none"> <li>Four ink cartridges for printing publications.</li> </ul>	\$573.93
4.	Project Board Meeting					MOHWE	EC	<ul style="list-style-type: none"> <li>Goods &amp; services required to host the PSC meetings. (Catering, publications, venue etc.)</li> </ul>	\$1,500
5.	Final Evaluation-Monitoring and Evaluation					MOHWE	EC	<ul style="list-style-type: none"> <li>The Final and Monitoring Evaluation that would be conducted by UNDP</li> </ul>	\$10,000
6.	Project Team salaries					MOHWE	EC	<ul style="list-style-type: none"> <li>There are three persons on the Project Team; Administrative Assistant, Project Officer and a Project Coordinator.</li> </ul>	\$99,960
7.	Audit					MOHWE	EC	<ul style="list-style-type: none"> <li>Audits are conducted on a yearly basis for every project. The cost exhibited here is the charge associated with such exercise.</li> </ul>	\$5,031.30
<b>TOTAL</b>									<b>\$876,923.79</b>