



## Concept and Program Proposal

---

### “Integrating Energy Literacy in Basic Education in the Caribbean”

**Place and date:** St. John’s Antigua and Barbuda March 18<sup>th</sup> and March 20<sup>th</sup>, 2015

---

#### Background

From 2008-2013, the Organization of American States (OAS) implemented the Caribbean Sustainable Energy Program (CSEP) with the financial support from the European Union. The beneficiary countries were Antigua and Barbuda, Dominica, The Bahamas, Grenada, Saint Kitts and Nevis, Saint Lucia, and Saint Vincent and the Grenadines. Between 2011 and 2012, OAS/CSEP conducted the delivery of two regional workshops in order to: (i) review with science curriculum officers from the beneficiary countries the approach to design a program to integrate energy literacy within the science curricula and (ii) launch the Caribbean Energy Education and Awareness Programme and its communication campaign Learn and Save.

The program targeted policymakers and the education community in order to:

1. Build Sustainable Energy within National Education Strategies
2. Strengthen Pedagogy with regards to Energy in Formal and Non-Formal Education,
3. Raise energy awareness among Primary and Secondary school students by our “Learn and Save” campaign.

The Energy and Climate Partnership of the Americas (ECPA) aims at the achievement of specific regional and national energy goals for the advancement of energy sustainability by fostering partnership and collaborative mechanisms across the region. The ECPA Energy Efficiency Working Group implemented by the OAS’s Department of Sustainable Development with the leadership and guidance of the Government of Mexico through its Secretariat of Energy (SENER) and National Commission for the Efficient Use of Energy (CONUEE), provides technical collaboration and support in the advancement of energy efficiency and conservation. These cooperation activities enhance regional capacity-building through workshops, exchange missions and exchange of information and experiences with other regional initiatives on energy efficiency.

To continue improving the quality of education in the Americas through pedagogical innovation in the classroom and follow-up on the CEEAP workshops.

#### Objective(s)

- To bring together educators;

- 
- To revise the current curricula for primary and secondary schools to reinforce Sustainable Energy Education;
  - To train Teaching Staff and Educators on Energy focusing on Sustainable Energy and Energy Conservation;
  - To train science teachers in the fundamentals of energy and its applications, including practical educational materials and experiments (measuring the consumption of electricity, wind turbine applications with photovoltaic systems, solar water heaters);
  - To give educators the confidence to explain the science behind energy efficiency and renewable energy in primary and secondary schools; and
  - To produce Learning and Teaching Materials on Energy focusing on sustainable energy and energy conservation.

<b>Target Group</b>	Science teachers, science curriculum officers
<b>Expected Impact</b>	To sensitize and equip the new generation with knowledge and skills essential for full participation in society, so they can become agents of change with sustainable social conscience.
<b>Contribution to project goal (indicators)</b>	<p>ECPA Energy Efficiency Working Group</p> <ul style="list-style-type: none"> <li>• This activity will strengthen the capacity of countries on technical issues related to reducing energy use and advancement of favourable measures for energy efficiency and energy conservation (indicator of Activity 1)</li> </ul>
<b>Contents</b>	<ol style="list-style-type: none"> <li>1 Identification of good practices in energy education</li> <li>2 Definition of elements necessary for the integration on energy literacy within the science curricula</li> </ol>
<b>Implementing Partners</b>	Organization of American States, Ministry of Education, Sports, Youth and Gender Affairs from Antigua and Barbuda.

---