

# Marine Environmental Education

## *“Training the Trainers”*

*Expert Group Meeting - Implementing Rio+20: Integrated Planning for Sustainable Coastal Area Management in the Caribbean Region*

March 17-18, 2014

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*Ministry of Sustainable Development, Energy, Science and Technology*

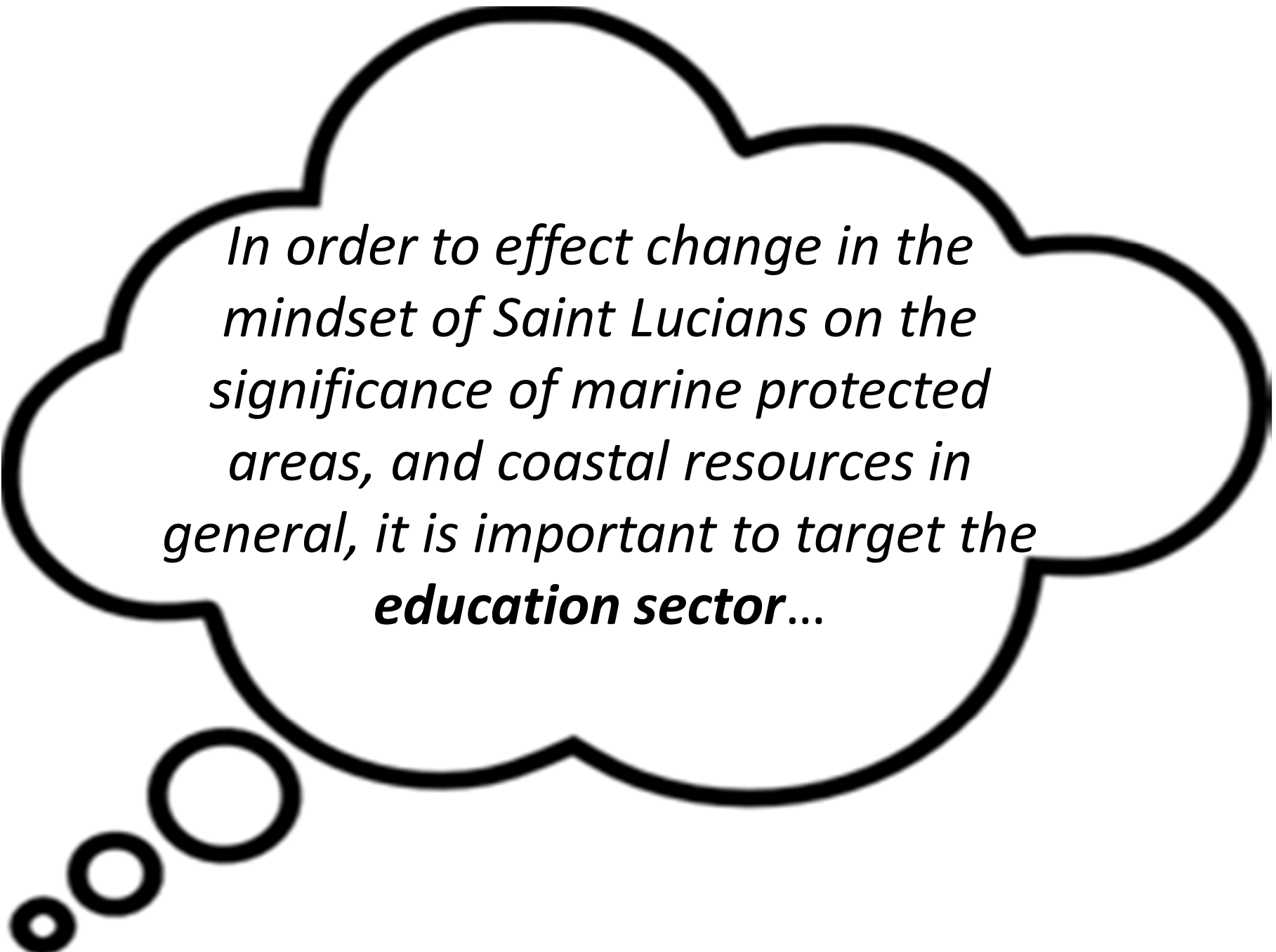
*Saint Lucia*



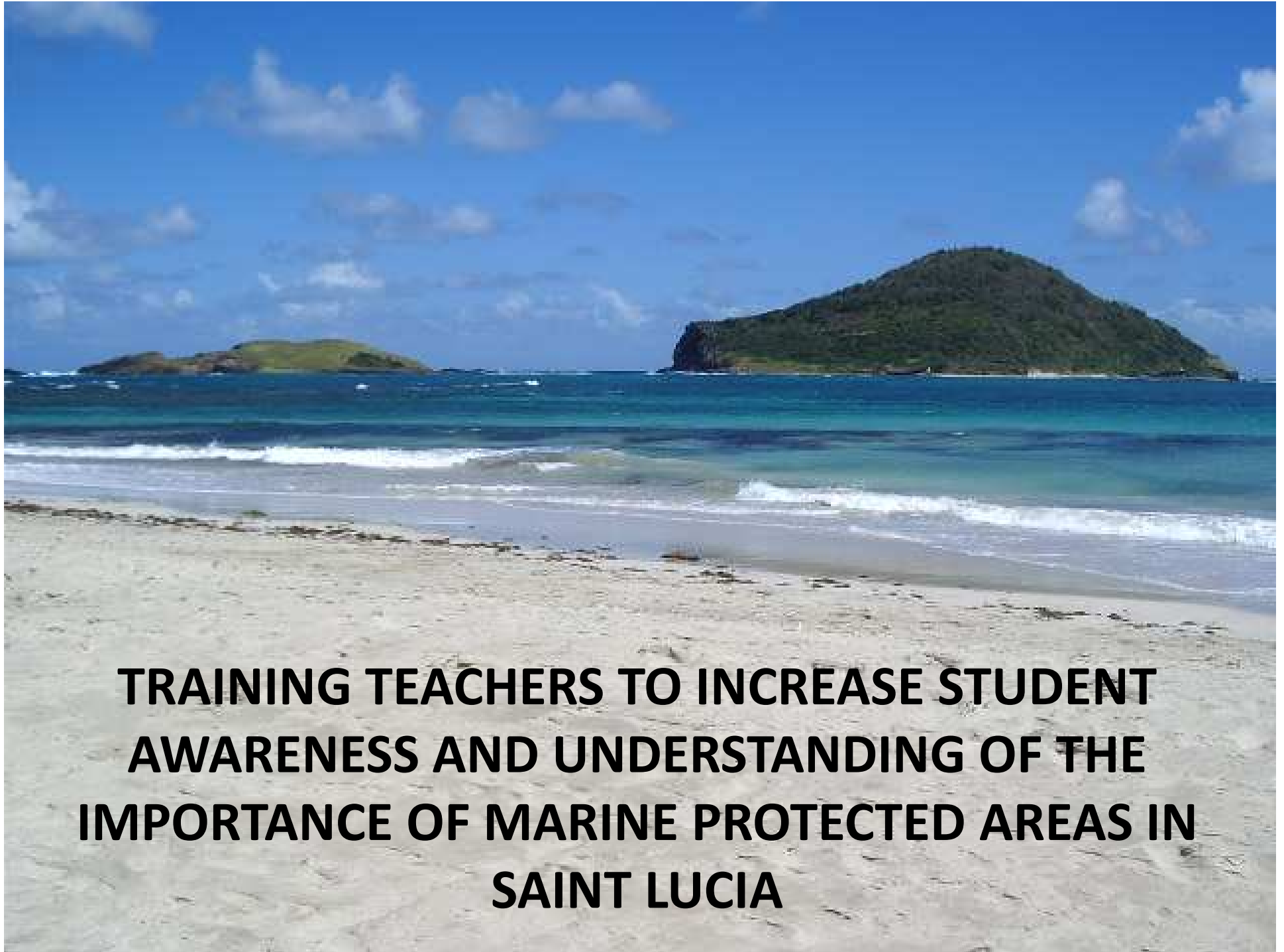


# Training of Trainers 2009





*In order to effect change in the mindset of Saint Lucians on the significance of marine protected areas, and coastal resources in general, it is important to target the **education sector...***



**TRAINING TEACHERS TO INCREASE STUDENT  
AWARENESS AND UNDERSTANDING OF THE  
IMPORTANCE OF MARINE PROTECTED AREAS IN  
SAINT LUCIA**

# Professional Development Course for Teachers



- SSFA between UNEP and the SLNT
- January – February 2012
- Target Group:
  - Primary and Secondary school teachers
  - Life, Earth and Social Science subjects (e.g. Geography, Biology, Integrated Science, Agricultural & Social Science)
- 16 teachers

# Objectives

To **develop** an annual Teachers' Professional Development Course on Marine Environmental Education for primary and/or secondary school teachers

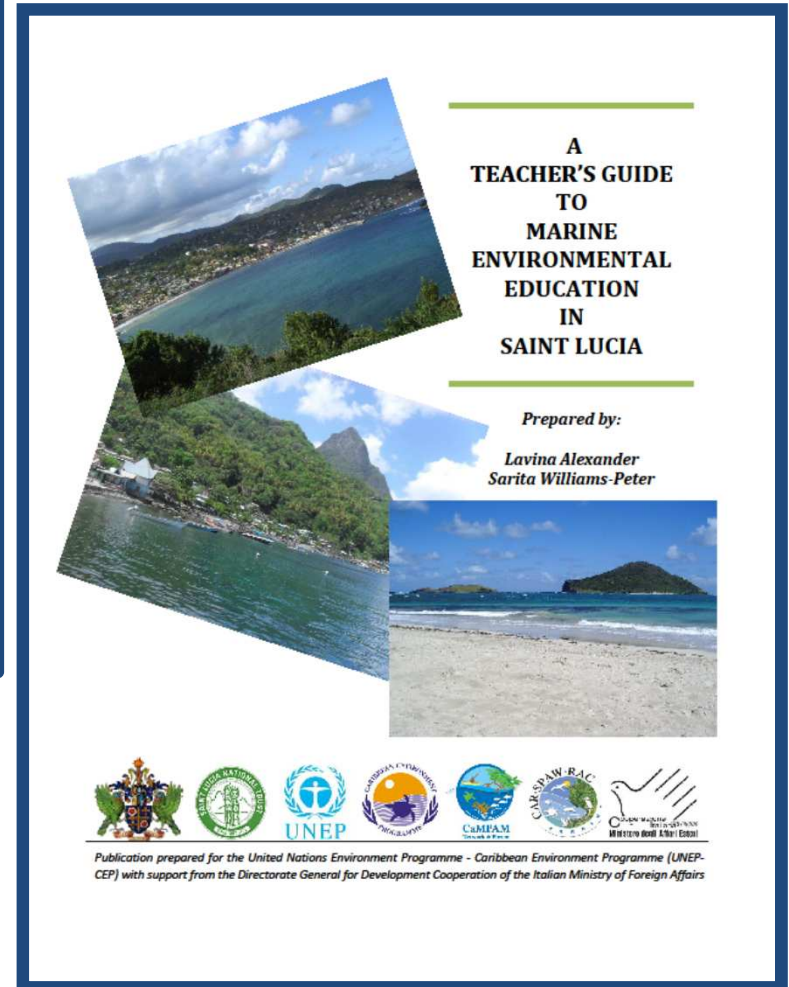
To **pilot** the Teachers' Professional Development Course on Marine Environmental Education among a test group of ten primary and/or secondary teachers

To **promote** the Teachers' Professional Development Course on Marine Environmental Education and promote inclusion of the Marine Environment in Lessons Plans.

# Manual

## MODULES

- 1: The Marine Environment
- 2: Ecology of Marine Ecosystems
- 3: Benefits of and Threats to Marine Ecosystems
- 4: Marine Resource Management
- 5: Sample School Based Assessments



# Funding Agencies & Partners









# Expected Results & Project Evaluation

<b>Project Objectives</b>	<b>Indicators of Success</b>
<p><b>1. Develop Teachers' Professional Development Course on Marine Environmental Education</b></p>	<ul style="list-style-type: none"> <li>✓ Course structure designed, course content prepared;</li> <li>✓ Teaching materials prepared;</li> <li>✓ Teacher training manual prepared;</li> <li>✓ Course outline presented to SLNT and DOF.</li> </ul>
<p><b>2. Pilot the Teachers' Professional Development Course on Marine Environmental Education</b></p>	<ul style="list-style-type: none"> <li>✓ 10 - 15 teachers participate in and evaluate a pilot version of the course;</li> <li>✓ 10 - 15 teachers form new links with MPA staff and natural resource professionals;</li> <li>✓ Consultant recommendations for future implementation of the course.</li> </ul>
<p><b>3. Promote the Teachers' Professional Development Course and promote inclusion of the marine environment in lesson plans</b></p>	<ul style="list-style-type: none"> <li>✓ Publicity and presentation materials prepared and distributed;</li> <li>✓ 50 sets of teacher training manuals and teaching materials distributed;</li> <li>✓ SLNT and DOF commit to recommended follow-up activities.</li> </ul>

Theory AND practical sessions gave great clarity to the topics.

I will incorporate material into my lessons.

I can now teach more confidently.

Quite valuable for teaching in the classroom.

...would make an excellent lesson for my students.  
granted is  
beneficial to the marine and  
terrestrial environment.

A lot of what we take for  
actually very

**The field trips were awesome. This was the best workshop EVER!**

The information presented will assist me greatly in my lesson delivery.

The field trips modelled what we should include in our classrooms.

*I can enlighten my students on the resources found in our back yard.*

Most value for me was the discussion of problems facing marine reserves, the difficulty officers

# Recommendations

SLNT will benefit from partnerships with the private sector in delivering such an initiative, particularly with regard to financing.

Resource management agencies should be approached for assistance in delivering educational initiatives, and have been found to be willing to convey messages surrounding environmental conservation.

A network for communication among teachers should be established to encourage teachers to share experiences, and to allow for ease of contact by agencies for sharing information.

Teachers should be offered courses to encourage more interest in the marine environment.

# Next...

## Professional Development Course for Teachers – Integrated Coastal Zone Management in Saint Lucia



*Photo by Mark Hennecart*



# Thank you!

## **Lavina Alexander**

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*Photo by Mark Hennecart*