



Renewable Energy and Climate Science

Metrology and Technology
Challenges in the Americas

Objectives

To support the adoption of accurate measurement standards associated with climate change, energy efficiency and renewable energy as an effective means to foster policies for sustainable energy and low carbon growth in the Americas.

Activities

In partnership with U.S. National Institute of Standards and Technology (NIST) and the Inter-American Metrology System (SIM), the project seeks to:

- Raise government awareness regarding the value of metrological applications to increase energy efficiency and climate science
- Support renewable energy and climate change science policies
- Develop reliable measurements to monitor air quality
- Expand the use of sustainable energy technologies
- Support scientific discovery, innovation and R&D
- Share knowledge, facilitate cooperation and foster dialogue among local agencies in charge of implementing actions to combat climate change

Overview

The project provides regional support through regional workshops and capacity building activities, seminars, trainings and exchange missions to strengthen measurement capacities. The project complements and supports NIST's activities with regard to measurements and standards to foster renewable energy, energy efficiency and climate science among SIM member states.



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