

ADVANCING METROLOGY FOR SUSTAINABLE ENERGY TECHNOLOGIES AND THE ENVIRONMENT IN THE WESTERN HEMISPHERE

(ACRONYM: M4SET- METROLOGY FOR SUSTAINABLE ENERGY TECHNOLOGIES AND THE ENVIRONMENT)

BENEFICIARY COUNTRIES: Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay, Venezuela.

PROJECT DURATION (M4SET): November 2016 - November 2020

GOAL: To support the deployment of sustainable energy technologies and foster low carbon economic growth in the Americas.

PURPOSE: To improve the measurement capabilities in the fields of energy efficiency, sustainable and renewable energy and greenhouse gases.

DESCRIPTION: The first phase of this project (SID 1306) was an important step to start the dialogue about the potential opportunities that the metrology community has to support sustainable energy technologies, as well as to identify regional priorities. Nevertheless, more awareness and training is needed in order to prepare government officials and metrology communities to actually respond to the technical needs that are arising as part of the implementation of the plans that each country has to comply with the commitments adopted.

Developing the Western Hemisphere's renewable energy sector requires adequate metrology infrastructure, accurate traceability, calibration and measurement capabilities, and adherence to internationally recognized measurement standards. The proposed project will impart training on these and other topics as a means to bridge the gap between the sustainable energy and policy.

The M4SET project submitted herein will improve the understanding and application of metrology in the fields of greenhouse gas measurements, energy efficiency, and sustainable and renewable energy through training and awareness of relevant high-ranking government officials and technical stakeholders. Training and technical assistance will be delivered through knowledge sharing, best practices, workshops, technical exchanges and regional cooperation. These actions will contribute to greater involvement of the metrology community in the implementation of measures dealing with energy efficiency, renewable energy, and GHG emissions, —these conditions are required to comply with the targets committed to by the OAS Member States.