

MEMORANDUM OF UNDERSTANDING

BETWEEN

**THE DEPARTMENT OF ENERGY
OF THE UNITED STATES OF AMERICA**

AND

**THE NATIONAL ENERGY COMMISSION
OF THE REPUBLIC OF CHILE**

ON COOPERATION IN CLEAN ENERGY TECHNOLOGIES

The Department of Energy (DOE) of the United States of America, and the National Energy Commission (CNE) of the Republic of Chile, hereinafter referred to as the "Participants;"

RECOGNIZING their shared interest in the development of energy efficiency and clean, sustainable, and renewable energy sources;

CONSIDERING the strategic importance of clean energy in promoting energy diversity and security, environmental improvement, and economic development;

NOTING their desire to foster communication and cooperation between one another on energy-related matters of common interest and to foster collaboration among laboratories, scientists, universities, institutes, and industry of the Participants' countries;

AWARE that there is wide interest in Latin America and the Caribbean in deploying renewable and energy efficient technologies; and

DESIRING to leverage strong United States of America - Chile cooperation on clean energy to support the adoption of these technologies throughout Latin America and the Caribbean, as appropriate, in the context of the Energy and Climate Partnership of the Americas;

Have reached the following understanding:

Section 1 Objective

1. The objective of this Memorandum of Understanding (Memorandum) is to promote and facilitate cooperation on the scientific, technical, and policy aspects of energy efficiency and clean energy technologies through the exchange of ideas and information, in accordance with the Participants' respective national priorities and socio-economic development goals and strategies.
2. Chile's Renewable Energy Center is to play an essential role in the implementation of the activities of this Memorandum.
3. By their joint determination, the Participants may invite other entities to participate, in the cooperative activities carried out in the framework of this Memorandum: governmental agencies, universities, science and research centers, institutes and institutions, private sector firms, and other entities of the Participants' respective governments, and those of regional partner countries. The costs of such participation are the responsibility of the entities that incur them.

Section 2 Areas of Cooperation

1. The Participants intend to develop a work plan to define the scope of their proposed collaborative activities in the framework of this Memorandum. The work plan may be revised as mutually determined by both Participants from time to time.
2. Specific areas of cooperation that may be included in this work plan include, but are not limited to, the exchange of information and ideas on:
 - a. Renewable and clean energy technology, resource, policy, analysis, and financing information and tools;
 - b. Technical areas such as:
 - i. Solar energy;
 - ii. Tidal and wave energy;
 - iii. Energy efficiency;
 - iv. Microalgae;
 - v. Biomass;
 - vi. Wind energy;
 - vii. Biofuels;

- c. Development of policies to support and enhance clean energy research, development, and deployment;
- d. Technical support for the development of a concentrating solar power plant in Northern Chile, including technical assistance related to the project solicitation process and project monitoring and oversight procedures;
- e. Establishment of a continuing dialogue on energy efficiency, clean energy technologies, policies, and technical analysis; and
- f. Any other energy-related area, as both Participants may mutually determine in writing.

Section 3 Forms of Cooperation

The forms of cooperation in the framework of this Memorandum may include:

- 1. Exchange of publicly available scientific and technical information;
- 2. Organization of seminars, workshops, and other meetings on agreed topics;
- 3. Exchange of scientists, engineers and other specialists, including those from industry and other non-government sectors;
- 4. Visits by a Participant's specialist teams or experts to the facilities of the other Participant, and field visits to research labs, renewable energy installations and industrial sites for technical exchanges and experience sharing on renewable energy technologies;
- 5. Conduct of joint analytic studies;
- 6. Identification of areas and projects suitable for the possible future conduct of joint research and development and pilot scale and demonstration projects;
- 7. Assessments of renewable resource potential;
- 8. Engagement with similar institutions from other countries of the region to encourage that the bilateral cooperation developed in the framework of this Memorandum facilitates technology cooperation on clean energy in other countries.

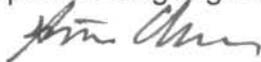
**Section 4
General**

1. Each Participant is responsible for the costs of its participation in all cooperative activities carried out in the framework of this Memorandum, unless they determine otherwise in writing.
2. Each Participant's participation in the cooperative activities is subject to the availability of funds, resources, and personnel and is to be conducted in accordance with the laws and regulations in force in that Participant's State and international agreements to which its State is party.
3. This Memorandum does not create any legally binding obligations between the Participants.

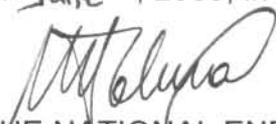
**Section 5
Commencement, Duration, Extension, Modification, and Conclusion**

1. The Participants' implementation of cooperative activities within the framework of this Memorandum may commence on the date of signature. This Memorandum may be extended for additional periods, by mutual determination of the Participants in writing.
2. This Memorandum may be modified by mutual determination of the Participants, in writing.
3. The Participants may discontinue this Memorandum at any time. A Participant that desires to discontinue its participation in this Memorandum early should give the other Participant at least ninety (90) days advance written notice. Nonetheless, the Participants intend to continue to work together to conclude specific cooperative projects already in progress.

Signed at Washington, in duplicate, this 19th day of June, 2009, in the English and Spanish languages.



FOR THE DEPARTMENT OF ENERGY
THE UNITED STATES OF AMERICA:



FOR THE NATIONAL ENERGY
COMMISSION OF THE REPUBLIC OF
CHILE: