

## **IMPLEMENTATION AGREEMENT 4**

**BETWEEN  
THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF AMERICA  
AND  
THE MINISTRY OF NATIONAL INFRASTRUCTURE OF  
THE STATE OF ISRAEL**

**FOR COOPERATION IN THE FIELD OF RENEWABLE ENERGY  
AND ENERGY EFFICIENCY**

The Department of Energy of the United States of America and the Ministry of National Infrastructure of the State of Israel, referred to herein individually as a "Party" and together as the "Parties",

ACTING pursuant to Article V.b of the Agreement between the Department of Energy of the United States of America and the Ministry of National Infrastructure of the State of Israel Concerning Energy Cooperation of February 22, 2000 (the "Agreement");

RECOGNIZING the importance of developing advanced energy technologies for attaining energy security while preserving the environment, improving energy efficiency and diversifying the energy supply; and

SEEKING to renew and expand the Parties' cooperation regarding the research, development, and demonstration of advanced renewable energy technologies and energy efficiency technologies;

AGREE AS FOLLOWS:

### **Article 1**

1. The purpose of this Implementation Agreement is to establish a framework for cooperation between the Parties in the field of renewable energy and energy efficiency.
2. This Implementation Agreement is subject to and governed by the Agreement.

## **Article 2**

The areas of collaborative research and development under this Implementation Agreement may include, but are not limited to:

- (a) new and improved sources of high temperature thermal energy storage;
- (b) electric vehicle and plug-in hybrid electric vehicle battery technologies and utilization approaches;
- (c) biofuel production and use, including enzyme catalysts for conversion of biomass to biofuel, and use of microalgae to produce biofuels and boosting production by taking advantage of power plant CO<sub>2</sub> emissions to accelerate algae growth;
- (d) advanced technologies for improved efficiencies in water desalinization techniques, such as photovoltaic powered reverse osmosis.

## **Article 3**

1. Activities under this Implementation Agreement may include information exchange, seminars, and programs for research visits and exchange of personnel between research establishments, joint research and development projects and collaboration between leading research and development centers in the United States and Israel, and other activities as jointly agreed in writing by the Parties or their designated agents.
2. The Parties may invite entities in the private sector to participate, at their own expense and under such other conditions as the Parties jointly agree, in the cooperative activities under this Implementation Agreement.

## **Article 4**

1. The Parties hereby establish a Bilateral Working Group, consisting of an equal number of representatives of each Party, to promote and manage the cooperative activities under this Implementation Agreement.
2. Each Party may invite experts and other individuals, including a representative of the United States – Israel Binational Industrial Research and Development Foundation (BIRD) and the United States Israel Binational Science Foundation (BSF), to attend Bilateral Working Group meetings as observers, to obtain those individuals' advice on the topics of the agenda.

3. Each Party may designate a national point of contact for the Bilateral Working Group.
4. Unless the Parties decide otherwise, the Bilateral Working Group intends to meet at least once a year. The Parties intend to hold their first meeting no later than December 31, 2008.
5. The Bilateral Working Group shall report on an annual basis the progress of the cooperative activities within this Implementation Agreement to the Coordinators identified pursuant to Article IV of the Agreement.

#### Article 5

1. This Implementation Agreement shall enter into force upon signature.
2. A Party may terminate this Implementation Agreement at any time by a written notice to the other Party. Termination shall take effect 30 days following the date of that notification.
3. Subject to paragraph 2 of this Article, this Implementation Agreement shall remain in force for the duration of the Agreement.
4. This Implementation Agreement may be amended in writing by the Parties at any time, so long as the Agreement remains in force.
5. Any activity undertaken under this Implementation Agreement and not completed upon termination or expiration of this Implementation Agreement may be continued to completion, provided the Agreement remains in force.

IN WITNESS WHEREOF, the undersigned, being duly authorized by their respective Governments, have signed this Implementation Agreement.

DONE at \_\_\_\_\_, in duplicate this \_\_\_ day of \_\_\_\_\_, 2008.

FOR THE DEPARTMENT OF  
ENERGY OF THE  
UNITED STATES OF AMERICA:



FOR THE MINISTRY OF  
NATIONAL INFRASTRUCTURE  
OF THE STATE OF ISRAEL:

