

AMENDMENT NO. 2 TO
AGREEMENT
BETWEEN
THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF
AMERICA
AND THE MINISTRY OF NATIONAL INFRASTRUCTURES
OF THE STATE OF ISRAEL
CONCERNING ENERGY COOPERATION

The Department of Energy of the United States of America and the Ministry of National Infrastructures, Energy and Water Resources (formerly the Ministry of National Infrastructures) of the State of Israel, hereinafter collectively the “Parties”,

ACTING pursuant to Article X.b of the Agreement between the Department of Energy of the United States of America and the Ministry of National Infrastructures of the State of Israel Concerning Energy Cooperation of February 22, 2000, as amended (the “Agreement”);

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

SEEKING to expand the Parties’ cooperation regarding the research, development, and demonstration of advanced energy technologies and energy-water nexus technologies,

Hereby agree as follows:

Article 1

The Agreement shall be amended as follows:

1. The title of the Agreement shall be changed to “Agreement Between the Department of Energy of the United States of America and the Ministry of National Infrastructure, Energy and Water Resources For Cooperation in the Field of Energy and Water Resources”.
2. All references to “Ministry of National Infrastructures” and “MONI” shall be changed to “Ministry of National Infrastructure, Energy and Water Resources” and “MIEW”, respectively.

3. Article II of the Agreement shall be deleted and replaced with the following new text:

“ARTICLE II

The areas of cooperation under this Agreement may include, but are not limited to, the following:

- a. renewable energy;
- b. energy efficiency;
- c. oil replacements – technologies, systems, fuels, and vehicles that will reduce oil consumption;
- d. smart grid;
- e. reliability of transmission and distribution grids;
- f. gas to liquid fuels (GTL) and biomass to liquid fuels (BTL) technologies;
- g. efficient and sustainable use of energy and water resources in urban areas;
- h. exploration, production and distribution technologies of fossil fuels;
- i. protection of the energy and water infrastructure against physical, electromagnetic, and cyber threats;
- j. recycling of water, water purification and water treatment, including treatment of waste water associated with the production of oil and gas;
- k. efficient use of water in energy production;
- l. electric power production; and
- m. other energy areas that may be proposed and jointly agreed by the Parties in writing.”

4. A new Article X shall be added, after Article IX, to read as follows:

“ARTICLE X

1. 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 Agreement.

2. The Parties may encourage the collaboration of United States governmental research institutes, such as the DOE’s National Laboratories and Israeli national research centers, in joint projects.

3. Each Party may invite experts and other individuals, including representatives of the United States – Israel Binational Industrial Research and Development Foundation (BIRD) and the United States – Israel Binational Science Foundation

(BSF), to attend meetings of the Coordinators as observers, to obtain those individuals' advice on the topics of the agenda.”

5. The former Article X shall be renumbered as Article XI.

Article 2

This Amendment No. 2 shall enter into force upon signature.

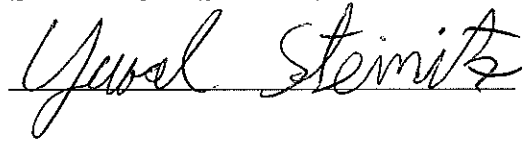
IN WITNESS WHEREOF, the undersigned, being duly authorized by their respective Governments, have signed this Amendment No. 2.

DONE, in duplicate, at Jerusalem on the 4th day of April 2016, corresponding to the 25th day of Adar II 5776, in the Hebrew calendar.

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

A handwritten signature in black ink, appearing to be "E. ...", written over a horizontal line.

FOR THE MINISTRY OF
INFRASTRUCTURE, ENERGY AND
WATER RESOURCES OF THE
STATE OF ISRAEL:

A handwritten signature in black ink, reading "Yuval Steinitz", written over a horizontal line.