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業公會

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主旨：檢送駐臺北以色列經濟文化辦事處「EILAT - EILOT RENEWABLE AND CLEAN ENERGY 7th International Conference & Exhibition」資訊1份，敬請轉知貴會員廠商踴躍參與，請查照。

說明：如欲參與旨揭活動或有相關問題，請洽駐台北以色列經濟文化辦事處潘海萍小姐，電話：02-27579692分機513，電子信箱：  
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正本：台灣太陽光電產業協會、中華民國太陽光電發電系統商業同業公會、台灣區照明燈具輸出業同業公會、台灣LED路燈產業聯盟、台灣風能協會、台灣風力發電產業協會、台灣中小型風力機發展協會、中華生質能源學會、台灣氫能與燃料電池學會  
副本：駐臺北以色列經濟文化辦事處、駐以色列代表處經濟組

局長 林全飛

照明燈具公會  
收文第105412號  
105年10月7日 青午

**EILAT-EILOT RENEWABLE AND CLEAN ENERGY**  
7<sup>th</sup> International Conference & Exhibition  
**November 27-29, 2016 Dan Eilat, Israel**

**Conference topics**

- Eilat Eilat as a Smart Solar Region
- Solar Energy & Off-Grid as Catalyst for Energy Security
- Science Fiction or Reality Demands – The Secret behind Micro Grids
- PV in Israel – Stepping into a Massive Era
- Energy Efficiency – Innovation and Implementation
- Integration of Renewable Energy into the Grid
- Smart Transportation as part of Smart City
- Energy Storage – Will li-ion Batteries be the New PV?
- The Efficiency of Pump Storage
- Off-Grid as a Solution for Infrastructure in the Developing World
- Sun Industry – Marine Agriculture and Algae

**EILAT-EILOT RENEWABLE AND CLEAN ENERGY**  
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**General Tentative Program**

**SUNDAY, NOVEMBER 27, 2016**

09:00-20:00

**Professional Tour in Renewable Energy Facilities**

**Pick-up from Arlozorov central bus station in Tel Aviv**

The Ashalim Thermo-Solar Power Station

Rotem Industrial Park, Demos of leading Energy Pilots

Off-Grid Technologies Hub

Eccopia, Robotic Cleaning of Solar Panels

Renewable Energy Research Center

Visit the startups of Capital Nature, Welcome Reception

**MONDAY, NOVEMBER 28, 2016**

09:00

**Refreshments and Registration**

10:00-12:00

**Opening Session**

Greetings & Keynote Addresses

Presenting Awards to the Winners of the Sustainability International Youth Competition

12:00-13:15

**Energy Independence in Cities - from Fiction to Science**

13:15-14:30

**Lunch & Visit the Exhibition**

14:30-15:30

**The Vision of 100% Renewable Energy**

**Sun Industries - Algae and Other Marine Aquaculture as a Booster for Southern Israel and Regional Economy**

15:30-16:30

**Renewable Energy CEO's Forum – an Open Discussion:**

Barriers, Growth and Forecasts  
Innovation in Algae Biotechnology

- 16:30-17:30 Crossing the "Valley of Death"  
Sustainable Mobility & Energy Efficiency
- 17:30-18:00 Coffee Break at the Exhibition
- 18:00-20:15 ENERGYVEST "hosting the CleanTech Open Energy Startups  
Competition"
- 20:30-23:00 Gala Evening including Dinner, Entertainment & Awards

TUESDAY, NOVEMBER 29, 2016

- 10:00-11:30 Off-Grid Renewable Energy Systems – a Strategic Imperative  
In National Security
- 11:30-12:10 Coffee Break at the Exhibition
- 12:10-13:25 Clean Energy – Regional Cooperation Opportunities  
New Business Models for Global Utilities
- 13:25-14:25 Renewable Energy Waits for Storage  
IRENA Remap for Israel
- 14:25-15:55 Lunch & Visit the Exhibition
- 15:55-16:50 Latest Research in Energy Public Policy  
Ellat-Ellot Off-Grid Hub
- 16:50-18:00 Global Renewable Energy Business Opportunities  
Israel Post COP21 Commitments for the Reduction of  
(Greenhouse Gas) Emissions
- 18:00-19:00 The Solar Cocktail and Business Card Swap

## Timetable for Sunday, November 27 – Professional Tour in Renewable Energy Facilities

09:00 Pick-up from Arlozorov central bus station in Tel Aviv

### The Ashalim Thermo-Solar Power Station

The station, which is being constructed in the Western Negev Desert, will provide 250 Megawatt of electricity. The station will combine 3 kinds of energy: solar thermal energy, photovoltaic energy, and natural gas.

### Visit to Rotem Industrial Park, with demonstrations

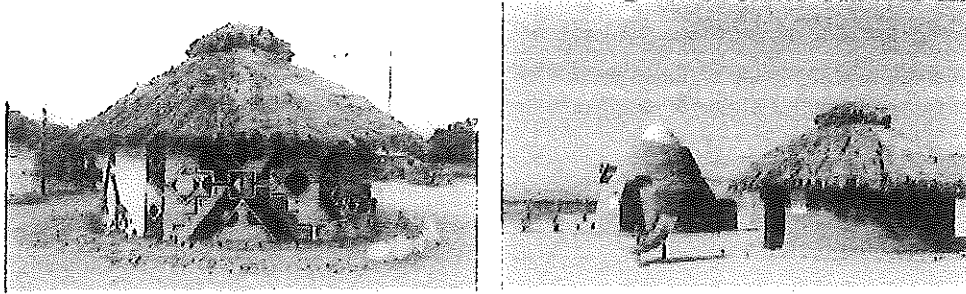
Rotem Industrial Park is a modern technological complex for hi-tech industries, established by Rotem Industries. The park offers a range of advantages that create an ideal environment for technological and scientific development projects. Entrepreneurs and investors can find unprecedented opportunities for implementing novel initiatives, under unequalled incubator conditions from the set-up stage through to marketing.

We will visit:

- Bright Source Energy: A leading developer of utility-scale solar thermal power plants
- EnStorage: Developed a cost effective, grid scale, energy storage system based on a proprietary flow battery.
- Brenmiller Energy: Solar-thermal power, or concentrated solar, plants use mirrors that focus sunlight to produce steam and drive turbines

### Village of Off-Grid Solutions

At the initiative of the Eilat-Eilot Renewable Energy project, a new center for off-grid solutions, named the EE Hub, was founded at Kibbutz Ketura. The purpose of the EE Hub is to bring off-grid technology into developing markets by means of strategic partnerships in the target countries. The center is suited to established companies and start-ups with energy and water products, with off-grid products, and with products aimed at the developing market. The center offers space for experiments; demonstrations; exposure, including integration with other solutions, entry support into the target market (links to local distributors, aid organizations, and more); and help in raising capital from international funding organizations.



### Eccopia, Robotic Cleaning of Solar Panels

The Ketura field uses innovative cleaning of solar panels, the first of its kind – remote-controlled, self-powering robots. The panel cleaning is accomplished by means of microfibers and a gentle flow of air, with not a drop of water.

### Renewable Energy Research Center

Visit the startups of Capital Nature Hub, Welcome Reception and Dinner

The center for labs and for R&D is under partnership of the Eilat-Eilat Renewable Energy Company, Capital Nature, and the Dead-Sea & Arava Science Center. The visit will include a presentation about the activities of start-ups that are breaking new ground with their developmental and technological work in renewable energy:

- ElectRoad: Developed a unique technology DWPT system (Dynamic Wireless Power Transfer). An electric vehicle without the need for a battery. No need for charging, zero emission and minimum energy needed due to minimum vehicle weight.
- RoadiX: Developed an innovative personal vehicle called MUVe, which offers the user the ability to move around freely and safely in the urban environment without having to worry about parking space, gas prices or traffic. The MUVe is characterized by a unique folding structure that ensures stable and secure ride, fast folding and carrying capacity similar to a trolley suitcase.
- Tamuz Energy: is developing a revolutionary low cost distributed solar technology for generating high value heat for industrial processes, steam generation, and heating & cooling applications.

