Subject: This year at Eilat Eilot Renewable Energy

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EILAT EILOT
Renewable Energy

CAPITAL NATURE
INVESTING IN GOOD ENERGIES

Newsletter Jan 2015

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The 6th International Eilat Eilot Green Energy Conference, 2014

This year's Eilat Eilot Green Energy Conference was held at the Dan Hotel, Eilat in the first week of December.

Despite the recession in the country's renewable energy industry, the conference was attended by over 700 participants.

The panels were fascinating, covering topics from the future of biofuels and wind energy to smart cities and new technologies in solar energy. There was a strong focus on how to promote support for renewable energies, particularly in a period of gas discoveries and attempts to lower electricity prices for citizens.

Awards were presented to Dr Zvi Paltiel,Chairman of the Conference and International Youth Competition for

his work in science and technology excellence among youth, and Eitan Parnass, Chairman of the Renewable Energy Association, for his work on advancing the area of renewable energy over the past several years.

Remarkably, the opening of this year's conference coincided with a massive crude oil spill in the Ein Evrona region (a few kilometers from the conference location). The timing and the devastation of the event was a reflection of the price we pay for our use of fossil fuels. The oil spill, the worst environmental disaster in Israel's history, also served as a reminder that the cost of rehabilitation after such events is not taken into account when considering the costs of renewable energy production.

International Youth Competition, 'Sustainergy 3':

The young participants of this year's International youth competition were also offered unique insight into the renewable energy industry with this year's competition focusing on ecological transportation solutions. The winners of the 2014 competition were:

First Place: Nemanja Filipovic (Serbia) and Adam Kiss (Hungary) – An algorithm for collection routes of garbage trucks to save fuel

Second Place: Lorenzo Mangone (Italy), Sagi Giat (Israel), Ron Nissim (Israel), Michael Harel (Israel) – Friction Reduction by Magnetic Force in an engine to promote energy efficiency

Third Place: Renata Staffova (Czech Republic), Vlad Soltuz (Romania), Dror Peleg (Israel) – Smart Interface for managing demand and supply for mass transport, i.e buses

We invite you to visit our website to view this year's conference presentations, galleries and conclusions from the event.

We hope to meet you in 2016 at the 7th Eilat Eilot Conference. In the meantime, we hope to see continuous development in the industry. Back here in the Arava we will keep working!

Timna Tender Update

After 8 years that Eilat Eilot Renewable Energy carved the path to the Timna tender, and worked against all odds towards making it happen, a release date was declared.

At this time two things happened:

1. The Electricity Authority decided to update the tariff to 39 Agurot per kilowatt installed. A one month delay on the tender's release followed.
2. The Israel Land Authority decided two weeks ago that it would not approve the tender under the management of Eilat Eilot (a cost of 13%+ in relation to the security infrastructure).

We are currently negotiating with the Israel Land Authority and considering the possibility that the entrepreneur will pay the cost of the land and the Land

Authority will pay Eilat Eilot for work already done, thereby relieving the entrepreneur of the 13%+ cost.

We are truly hoping that this issue will be solved soon and that we will see a published tender by the first week of January.

Thanks for your patience and please continue to check our website for constant updates. Once the tender is published we will be available for any questions and assistance you may need.

[Click here for constant updates on the tender](#)

Green Energy Technology Trends

An article by Shirley Sheffer

Recently, the Jerusalem Post's 'Innovation, Industry and Science' magazine published an article on Capital Nature's monitoring of the four latest green energy technology trends around the world.

1. The merge between smart grid and traditional IT technology - the crucial role played by IT technology in the deployment of smart grid.

2. China's increasing focus on green energy - China is rapidly becoming the world leader in various technologies such as solar PV, wind turbine deployment and innovations in EV. Various Chinese delegations have visited Israel in the past year with eye on new technologies developing in the region.

3. The use of energy storage in solar deployments - Capital Nature is focusing on the inevitable adoption of storage in solar deployments and the article explains how one Israeli storage start up is ahead of the game.

4. Electric Transportation - Capital Nature is following the growing trend of EV technology around the world and sees it as a significant development in the next phase of the green revolution.

[View the entire article here](#)

Eilat Eilot Off Grid Hub Launched!

We are proud to announce the launch of the Eilat Eilot Off Grid Hub. During the International Green Energy Conference, we inaugurated the demonstration village in Kibbutz Ketura, which is showcasing 5

technologies and is already planned to attract visitors from around the world this coming month.

The village includes three structures: rural home, community building and a novel earth bag dome.

If your company has an off-grid technology that you would like to showcase, please contact tomer@eilateilot.org.

For more information on the Off Grid village, click here

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