US-Israel Eco-Technology Development Program

Faith2Green and the Coalition on the Environment and Jewish Life (COEJL) U.S. - Israel Eco-Technology program. This program was developed to foster and build bridges between the U.S. and Israeli Eco-Technology sectors. Those involved are given the opportunity to build personal relationships, assist the best in new and innovative environmental technology companies, and develop new business partnerships between U.S. and Israeli companies.

Since the start of the program, Faith2Green and COEJL have been instrumental in securing over \$2 Billion in client sales and creating hundreds of jobs in the Israeli technology sector. One of the essential program features is an annual trip to Israel where attendees have the opportunity to visit environmental technology companies in Israel and attend the WATEC or Eilat Eilot Renewable Energy conferences and workshops. A distinguished delegation of city council members, state senate/assembly members, other public officials, business and environmental leaders take part in the 9-day trip.



Minister Binyamin Ben Eliezer and former CA Governor Arnold Schwarzenegger.



Attendees from our previous trips include program Co-Chair **Assemblymember Bob Blumenfield**, Pedro Pizarro, former Vice President of Generation at Southern California Edison, Aaron Grunfeld, Board Member of the Metropolitan Water District, David Beckman of the National Resources Defense Council, Brad Cox of the Los Angeles Business Council, as well as many other key influential community stakeholders. During our last U.S.-Israel Eco-Technology trip to Israel, Faith2Green along with California Assemblymember Bob Blumenfield facilitated a **letter of intent between California and Israel, expanding collaboration on renewable energy research and business development**. This letter was signed by Minister Benjamin Ben Eliezer, Israeli Minister of Industry, Trade, and Labor and Governor Arnold Schwarzenegger. We are currently working with Governor Brown and his office on continuing this effort.

2011 Eco-Technology Israel Trip



Last year's trip was co-chaired by Assemblymember Marty Block, and secured meetings with Israeli Minister of Trade Benjamin Ben-Eliezer, Israeli Infrastructure Minister Uzi Landau, and Israeli Minister of Foreign Affairs Avigdor Lieberman,

In addition to meeting with key figures, attendees were able to participate at the prestigious WATEC 2011, International Exhibition and Conference on Water Technologies, Renewable Energy and Environmental Control. Due to limited natural resources and accumulated technical expertise, Israel has made a virtue of necessity and today is home to an impressively large

number of cutting-edge water, energy, and environmental technology companies. Our delegation visited these innovative companies, examining firsthand the technologies critical to an energy independent future. At the conference, attendees joined key decision makers for a debate regarding the major issues of weaning our dependence on fossil fuels and on solutions targeting energy independence in the future.

Another integral part of this trade mission was visiting and exploring the historical land-marks that comprise Israel. We visited Jerusalem, the state capital, which is home to the Western Wall, the Temple Mount, and the Church of the Holy Sepulchre, as well as the ancient city of Masada and the Dead Sea. Through these recreational visits, we have strived to inform participants about Israel and the character, that makes it home to such great advances in sustainability and environmental development.

Assemblymember Marty Block

Assemblyman Block was a perfect choice to co-chair this year's trip because of his commitment to environmental issues and his involvement in California's business community.

Furthermore, Assemblyman Marty Block is an active member of the Jewish community and is chair of Capitol Knesset in Sacramento, California. The mission of Capitol Knesset is to form working relationships between elected officials, staff, and legislative consultants to effectively support the Jewish community through education and contribution.



Assemblyman Marty Block at **Brightsource Energy**

Past Companies Visited:

Arrow Ecology - Has developed a process that sorts, cleans and separates recoverable materials from municipal waste and through hydro-mechanical and optimized biotechnological techniques, produces biogas (methane-natural gas), fertilizer, and water.

Brightsource Energy - Designs, develops, and sells solar thermal power systems that deliver reliable, clean energy to utilities and industrial companies. Its solar thermal system is designed to minimize adverse effects on the environment.

Coriolis Wind - Is developing a revolutionary wind energy system, the WindScreen, which challenges many of the basic paradigms in the industry. It is a modular, multi-rotor system which allows for an optimized system configuration that best matches the target site's terrain and wind conditions while maximizing energy production.



Program Co-Chairs Lee Wallach and CA Assemblyman Bob Blumenfield, with SoCal Edison VP, Pedro Pizarro.



Leviathan Energy Group - Has major innovations in a number of areas of renewable energy, including wind, hydro, and ocean. Leviathan Energy has produced the Wind Lotus, a small vertical axis wind turbine that has set a world record for the lowest cut in. The Benkatina Hydroelectric Turbine is a turbine in a pipe that offers the potential of using excess pressure and flow in millions of miles of pipes around the world to produce energy.

Seambiotic - The first company in the world that is utilizing flue gas from coal burning power stations for algae cultivation. Seambiotic was founded in 2003 with an objective to grow and process marine microalgae using a revolutionizing ecologically based environmental system. Their technology and unique know-how can be profitably exploited in two major areas: biofuel and food additives.

Siemens Solar Systems - Siemens Solar Systems provides clean, renewable and affordable solar energy. Its highly innovative and commercially proven solutions are the global standard for utility scale solar thermal power. Siemens's SunField LP solar field offers a lifetime of "solar fuel." Its UVAC 2008 is the world's best - selling solar receiver. Nine power plants in California using Siemens' technology have been operating successfully for more than 20 years, producing 350 mw of electricity. The company is currently building a 50 mw power plant in Spain.



Aqwise-Wise Water Technologies LTD. - Is a world leader in the development and implementation of innovative wastewater treatment solutions for the industrial and municipal markets. Aqwise's family of solutions increases BOD and nutrient removal capacity in wastewater treatment plants, offering enhanced utilization of existing reactors and unique efficiencies in the implementation process.

Heliofocus - Founded in 2007, the company is developing a full system solution for providing solar heat using air as a heat transfer fluid. The company's product comprises a unique receiver located at the focal of a large parabolic dish that reflects sun rays onto it. The receiver converts the sun rays into hot air, which is then used for a variety of applications. The company focuses on boosting existing power plants with solar heat as a market penetration strategy. Additionally, the company is developing solutions for full stand alone power station and distributed power generation & CHP to be implemented at later stage.



IDE Techologies LTD. - Is a pioneer and world leader in water and desalination technologies. With more than 45 years of know-how and experience, IDE delivers end-to-end project solutions for its customers throughout the world. Leveraging superior thermal and membrane technologies, IDE specializes in the delivery and operation of various desalination and water treatment solutions. The company specializes in the development, engineering, production and operation of advanced desalination as well as innovative industrial solutions.

For more information on the US- Israel Eco-Technology Development trip to Israel or to become a sponsor of our Eco-Tech program, you may reach us at <u>f2g@faith2green.com</u>, or 310.841.2970. You can also visit our website at faith2green.com for updates and details on our ongoing projects and programs.

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For this generation...and generations to come