



# Innovative Solar Technologies and Best Practices for Building Green Communities

Town Pavilion Conference Center

Kansas City, Missouri - January 27, 2012

The Missouri Solar Energy Industries Association (MOSEIA) invites you to attend the upcoming professional development seminar: **Innovative Solar Technologies and Best Practices for Building Green Communities**. A full day program with distinguished speakers, progressive idea-sharing and networking opportunities. Limited seating is available for this event and early registration is encouraged.

## Keynote Speaker



**Pierre Moses Executive Manager - LEED AP** started Make It Right – Solar, Inc. in 2009 to deliver innovative, cost effective renewable energy solutions to low-income communities. Pierre is responsible for orchestrating solar energy installations for the **Make It Right Foundation** in the Lower 9th Ward along with several additional non-profit homebuilders rebuilding in the New Orleans area. As a LEED Accredited Professional, Pierre has managed photovoltaic installations on more than 90 LEED Platinum certified homes in New Orleans over the last three years. He has participated in multiple New Markets Tax Credit transactions in funding projects to advance the affordability and accessibility of solar technology and energy efficiency features in distressed communities. Pierre worked as the project manager in leading a series of structural tests in conjunction with the University of New Orleans as well as participated as an advisor to Tulane's Spring 2010 URBANbuild program on a sustainable sites initiative. Pierre also sits on the technical advisory board of Abundant Power in Raleigh, North Carolina.

In March 2010, Pierre traveled to Jacmel, Haiti to deploy renewable energy systems including two solar powered regenerators; one of which is currently providing a reliable, clean energy source to Haiti's only film school, the Cine Institute. Pierre developed an interest in entrepreneurial ventures within the non-profit sector while completing a bachelor's degree from the College of Charleston in South Carolina. Born and raised in New Orleans, Pierre relishes the opportunity to benefit the lives of displaced residents by helping to return them back home.

## Featured Speakers



**Craig Scranton, AIA LEED AP, Principal | BNIM** has over 20 years of professional experience. As a leader in the firm and his professional community, Craig directs BNIM's Government practice. Having served as project manager for some of BNIM's most complex projects, he has developed an expertise in the design of the natural and built environments. Craig was part of the design team for the David & Lucile Packard Foundation in Los Altos, California, where he was instrumental in developing a sustainability matrix, which helped the architectural and construction industries understand the important relationship between the natural and

built environments at the macro-and micro-levels. He is currently working with Make It Right-Kansas City and the Dalmark Group to renovate and redevelop the Bancroft School into low-income housing and community facilities. The mixed-use development is being designed to achieve LEED Platinum certification, meet Cradle to Cradle standards and serve as a prototype that could be replicable in similar neighborhoods.



**Tim Duggan Landscape Architect, ASLA**, is a landscape architect currently developing the sustainable landscapes program for the **Make It Right Foundation** based in New Orleans. His professional career began in the midwest with BNIM Architects where he collaborated on a wide range of projects; from complex community planning initiatives to green urban designs. Duggan has served as a guest critic and lecturer on sustainable site solutions at Kansas State University, the University of Missouri, Kansas City, as well as Community and Civic organizations in Kansas City and New Orleans. His Landscape Architecture interests are focused on natural systems based storm water management techniques, landscape restoration and reclamation projects and various international urban design studies.



**Desmond Wheatley - President and CEO - Envision Solar International**

- Mr. Wheatley has two decades of senior international management experience in technology systems integration, energy management, communications and Renewable Energy. Mr. Wheatley is a founding partner in the international consulting practice Crichton Hill LLC. Prior

to founding Crichton Hill, Mr. Wheatley was CEO of iAxis FZ LLC, a Dubai based alternative energy and technology systems integration company. From 2000 to 2007 Mr. Wheatley held a variety of senior management positions at San Diego based Kratos Defense and Security Solutions, fka Wireless Facilities with the last five years as President of ENS, the largest independent security and energy management systems integrator in the United States. Mr. Wheatley has founded, funded and operated four profitable start-up companies and was previously engaged in M&A activities. Mr. Wheatley evaluated acquisition opportunities, conducted due diligence and raised commitments of \$500M in debt and equity. Mr. Wheatley sits on the boards of Admonsters, San Francisco CA and the Human Capital Group, Los Angeles, CA and was formerly a board member at DNI in Dallas, Texas.



## Featured Speakers Continued



### **Johan Alfsen - International Training Manager - Quick Mount PV**

- bridges the gap that exists between the solar and roofing industry. He expertly explains the necessity of a waterproof roof mounting system that is the indispensable foundation of each solar array. Quick Mount PV has grown to become the most high quality mounting

and flashing manufacture in the USA and is dedicated to a sustainable future through a growing solar industry.



### **Terrence Parker - Senior Application Engineering Manager -**

**SolarBridge Technologies** has extensive experience in residential, commercial and stand-alone PV system installation, operation and maintenance. Before joining SolarBridge, Terence was with United Solar as an applications group manager and senior technical resource for customers worldwide. Terence began his career in solar for Sandia National Labs in the Marshall Islands, where he helped develop rural energy policy and renewable energy education programs. Mr. Parker will provide an overview of SolarBridge's innovative microinverter solution that makes rooftop solar more cost-efficient, reliable and easier to install than ever before.

The SolarBridge Pantheon microinverter is installed on the back of each solar module, so that each module can perform its own power conversion. SolarBridge is the only company that delivers an integrated microinverter backed by a 25-year warranty and eliminates the need for a central inverter or multiple string inverters, which must be replaced at least once over the life of a solar installation. The SolarBridge AC Module System consists of three components: The SolarBridge Pantheon™ microinverter, the SolarBridge Power Manager and the SolarBridge Power Portal.



### **Gary Steps- AIA LEED AP PMP PHC/ Founder - Butterfly Energy Works**

brings extensive experience in a broad range of systems and disciplines to every project in which he has been involved. He holds degrees in Physics and Applied Math, as well as a Masters Certificate in Project Management. He is member of the St. Louis Chapter U.S. Green Building Council (USGBC) and sits on the Technical Committee. He has been recognized for his innovative solutions in complex situations, specializing in all types of integration. Gary will explain the concepts that constitute zero-net energy in the built environment, lessons learned and best practices including a case study analysis.

**Attendees receive a certificate of completion for 6 CEC. MOSEIA encourages self-filing of continuing education credits with AIA, ASLA, NABCEP or other professional associations.**

# Missouri Solar Energy Industries Association

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January 27, 2012

Town Pavilion Conference Center - 1100 Walnut, Kansas City, MO 64106

### Event Registration Form

Full Name	Business Affiliation	E-Mail	Telephone

#### **Registration Rates:** Lunch Provided

Members \$100 per attendee

Members \$75 per attendee (3 or more attendees)

Non-Members \*\*Early Bird \$125 per attendee

Non-Member \*\*Early Bird \$100 per attendee (3 or more attendees)

Non-Members Regular Rate \$150 per attendee

Non-Member Regular Rate \$125 per attendee (3 or more attendees)

*Non-Member Special offer - Register 5 or more attendees and receive an equal number of tickets to an exclusive invite only MOSEIA hosted evening social at Boulevard Brewing Company Friday January 27, 2012. Subject to availability.*

Mail registration and check made out to MOSEIA to:

Missouri Solar Energy Industries Association, P.O. Box 434040, Saint Louis, MO 63143

Electronic submission is available - email completed registration form to [HeidiSchoen@moseia.org](mailto:HeidiSchoen@moseia.org)

Payment is available through the MOSEIA website [www.moseia.org](http://www.moseia.org) - events page

\*\*Deadline for early bird registration rates: January 15, 2012

**Sponsorship opportunities are available. If you would like more information please request a sponsorship information packet.**

**Contact information** - Heidi Schoen, Executive Director, 314-677-4076 or [HeidiSchoen@moseia.org](mailto:HeidiSchoen@moseia.org)