

# Innovative Renewable Energy Solutions

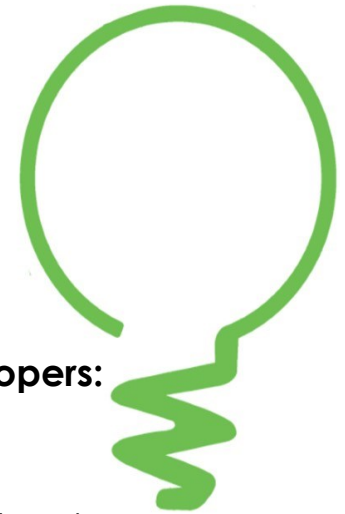
**ISSUES SERIES**

**Thursday, Oct. 14, 2021, 9 - 11 AM (PT)**

With climate change wreaking havoc worldwide, it is imperative to implement renewable energy solutions now in all sectors to severely limit release of greenhouse gases into the atmosphere. Human curiosity, creativity and innovation will be the key to finding our way out of this crisis. Intense research and development, underway for several years, is bringing to the marketplace a variety of innovative technologies to meet the need - just in time.

**We will review a range of cutting edge, proven, renewable energy technologies now available, and how they can improve projects and facilities – including:**

- better photovoltaic panels,
- solar panel structures compatible with agriculture
- completely clear windows that make electricity like a solar panel
- waste-to-energy technology transforming waste plastic and organic waste into energy & bio-fuel
- technology that transforms industrial waste heat into energy



**Join us for a detailed overview of new technology with time to ask questions of actual developers:**

- Larry Eisenberg**, Principal, Ovus Partners 360, Overview of new, proven, renewable energy solutions  
**Elliot Jaramillo**, CEO, Clean Concept Energy, on PowerShingle  
**Aaron Bates**, CEO, Toledo Solar, on a non-silicon solar panel with superior performance, manufactured in Ohio, and a completely transparent window that produces energy like a solar panel  
**Keith Johnson**, CEO, Heat Source Energy, on new waste heat to electricity engine  
**Arpi Evans**, Principal, TerraGenix - Waste-plastics to biofuel, energy and biochar

**REGISTER NOW: (Save on Teams of 3 or more) E-MAIL:** vann@wccc.org **PHONE:** (916) 599-8020 **MAIL:** Call or e-mail your RSVP - then mail form & list with check payable to **Western Council of Construction Consumers** 2356 Terraza Ribera, Carlsbad, CA 92009

▶ **WCCC MEMBER**  Individual \$ 65  Team (3+) \$ 50 each ▶ **CURT MEMBER**  Individual \$ 75  Team (3+) \$ 60 each  
 ▶ **NON-MEMBER**  Individual \$ 85  Team (3+) \$ 70 each # of Registrants \_\_\_\_\_ x Fee \$ \_\_\_\_\_ = Total \$ \_\_\_\_\_

*\*Add \$10 each after 10/7/21*

No-shows, & cancellations after **10/7/21**, are subject to full fee. You may send Subs.

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▶▶ **TEAMS: Attach List** (with all of this info for each registrant) ▶ **Payment Method:**  VISA  MC  Discover  AMEX  Check

**We will send a link for credit card payment. To what e-mail should we send the link?** \_\_\_\_\_



**Larry Eisenberg**, Principal, Ovus Partners 360 - Overview of other emerging technologies. **Ovus Partners 360** designs and installs custom net-zero energy platforms for commercial real estate projects and retrofits, which enhances their value, and escalates savings over the years, while reducing the construction budget. Their approach is holistic, transformative, and carbon free with no out-of-pocket cost to clients. Through their cutting-edge processes, buildings produce as much energy as they use in one calendar year. Their goal is to perfectly blend profit motives with environmental consciousness.



**Elliot Jaramillo, CEO, Clean Concept Energy**

- **Power Shingle** - Protection from the elements (think rain, sun, snow) + clean solar energy. Instead of metal roofing, use **PowerShingle** canopies with glass solar panels to create watertight multi-use structures – ideal for many business uses.
- **Solar Tub** - Simple, flexible and capable of being installed virtually anywhere clean power is needed.



**Aaron Bates, Founder and CEO, Toledo Solar**

Toledo Solar, Inc. (Toledo Solar or TS) was founded in 2019 in response to the growing demand for more readily available, cost-competitive solar energy solutions in residential and commercial and industrial U. S. end-markets. Its technology and capabilities revolve around Cadmium Telluride (CdTe) thin-film photovoltaics, offering superior energy output and longevity relative to traditional silicon wafers, In its Perrysburg, OH facility, it uses patent-protected state-of-the-art manufacturing capabilities to produce modules at scale. Its mission is to manufacture and distribute CdTe solar modules and related systems to residential installers and commercial and industrial developers in the US and internationally. Historically, customers in these markets have been overly dependent on lower quality systems made in China, with little or no long-term warranty. Now more than ever, the market is demanding alternative energy sources and cost savings, while reducing reliance on far-away-sourced supply chains.



**Keith Johnson, CEO, Heat Source Energy**

This Advanced Heat Engine technology for power generation, utilizes ultra-low temperature heat ranging from 120F to 210F. The Heat Source Engine uses waste heat from any consistent heat source to produce reliable 24/7 electricity. Ideal for manufacturing, energy generation systems, and any application that generates excess heat that needs to be treated before being released into the atmosphere.



**Arpi Evans, Principal, TerraGenix Inc.**

Plastic is made from fuel; plastic is then used and discarded - almost 90% is not recycled but discarded in landfills or our lakes, rivers, and oceans. TerraGenix creates clean energy and works as an add-on enhancement to *any* currently available plastic recycling plan. With TerraGenix - the plastic will not be dumped or merely turned back into plastic - we can extend and expand its usefulness by repurposing it into clean-burning diesel fuel and electricity - TerraGenix innovative technology creates a planet sustaining, carbon-negative, zero-emission plan.