



Solar Technology and Water...The Future

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At the next cluster meeting on March 15, Leon Woods from WorldWater & Power's presentation will touch on incentives provided for solar projects per the California Solar Initiative (CSI), that began January 1, 2007. Also, recently passed "historic" legislation AB (Assembly Bill) 32 will be mentioned that made California the first state to create a mandatory green-house gas reduction emissions program. The major focus will be a "nuts and bolts" presentation of solar technology and the benefit it can bring to farmers, water districts and agri-business. WorldWater & Power's presentation will touch on incentives provided for solar projects per the California Solar Initiative (CSI), that began January 1, 2007. Also, recently passed "historic" legislation AB (Assembly Bill) 32 will be mentioned that made California the first state to create a mandatory green-house gas reduction emissions program. The major focus will be a "nuts and bolts" presentation of solar technology and the benefit it can bring to farmers, water districts and agri-business.

Leon Woods is Manager, Government Relations for WorldWater & Power Corporation. In this capacity, he coordinates the company's political, regulatory and association management efforts. He serves as liaison on behalf of the company to the California Public Utilities Commission, the California Energy Commission and the California Environmental Protection Agency. Mr. Woods previously worked for the California Legislature. Among his responsibilities as a legislative employee, he had the role of coordinating a state-wide program for one of the Speaker's agricultural advisory committees. He majored in government at California State University, Sacramento, and has done graduate work at UC Davis.

International Water Technology Conference & Ozone V will

Opening events for the inaugural International Water Technology Conference and Ozone V, slated for April 2-4, 2007 in Fresno, California will be held at the campus' Save Mart Center event facility. The event will focus on how water technology innovations and science can help ensure our future water supplies.

The International Center for Water Technology (ICWT) at Fresno State aims to bring together the best minds in the water technology and science arenas at the inaugural conference where the focus will be on water technology and its applications in water supply, water reuse, irrigation and ozone science. This important event will cover a wide range of needs, applications and experiences.

"We have a stellar line-up of keynote and technical speakers and are proud to be able to hold this event at one of the premier on-campus facilities in the U.S.," said David Zoldoske, ICWT Director. "We will be holding a number of conference events at the Save Mart Center such as exhibits, keynote lunches and a wine and cheese reception," commented Zoldoske.

Exhibit space at the Save Mart Center is still available at the early bird price of \$795 for a 10 X 10 booth. Conference attendees will include manufacturers, scientists, end-users, government and regulatory agencies, municipalities, researchers and agri-business.

Technical sessions on April 2 and 3 will fall into three track areas: Water Supply & Reuse; Irrigation and Antimicrobial Ozone/Agri-Foods. A conference program listing technical presentations is available online at www.icwt.net or by calling (559) 278-2066. An early-bird registration rate of \$260 is available until March 7, 2007 that includes attendance at all general and keynote speaker sessions, access to exhibits and poster presentations, technical sessions, a breakfast, two lunches and a wine and cheese reception.

Wednesday, February 4 optional full-day technical tours will be offered. The tours will follow the three conference tracks and visit high-tech water treatment, food processing, irrigation and other facilities. Each full day tour will cost \$25 per person and includes lunch and transportation.

The Save Mart Center opened on the Fresno State campus in 2001 and is home of the Bulldog's Basketball teams, the ECHL Fresno Falcons Hockey Team and has also hosted numerous campus and community events.

ICWT was established in 2001 as a public-private partnership dedicated to the development and application of advanced technologies that enhance water use for urban, environmental and agricultural purposes and improve water utilization. Through applied technology, ICWT's goal is to provide efficient first use and effective reuse of water supplies worldwide. The core mission of ICWT is to conduct "good science" which can then form the basis for policy development, technical innovation, and the management of finite resources.

For more information on the conference or to register as an attendee or an exhibitor, visit www.icwt.net or call (559) 278-2066. Selected sponsorships are still available.

New testing facility grand opening scheduled for December 2006



Left: Test pit and channel take shape, June 2006

Right: Test and certification building floor prior to concrete pour, July 2006.



Water and Energy Technology Incubator Announces First Three

The Claude Laval Water and Energy Technology Incubator has announced its first three on-site members – PureSense Environmental, Inc., WorldWater & Power Corp. and Full Circle Energy, Inc. These three and two more (to be named shortly) are slated to move in and be up and running by early March.

The WET Incubator, located at the southwest corner of Chestnut and Barstow Avenues on the campus of California State University, Fresno, will be home to five start-up or early-stage businesses specializing in water or energy technology. The developing businesses will have a wide variety of services available to them to dramatically increase their potential for growth, success and job creation. The Central Valley Business Incubator and California State University, Fresno's International Center for Water Technology are partners in the WET Incubator.

“We are delighted with the quality of these first three clients,” said Program Director Gary Schulz. “They set the bar for our final two clients to be selected within the next few weeks. Our economic development efforts through the entrepreneurship of these companies will be exciting to watch.”

PureSense®, based in Emeryville, Calif., helps growers and producers of high-margin food crops make more money by revolutionizing irrigation and crop yield management. PureSense customers access easy-to-use tools anytime from anywhere to manage and improve bottom-line results. The PureSense Crop Performance Manager™ is a turnkey performance-based solution that improves yields, raises productivity and increases growers' and producers' operating margins. The PureSense solution includes software and hardware that integrates best-in-class sensor and communications hardware. Being part of the WET Incubator enables PureSense to identify, select and analyze the appropriate use of these new technologies. The partnership plans to develop commercially-sound solutions to help California growers and food processors maintain their globally-competitive edge through the efficient use of water.

WorldWater & Power is a developer and marketer of proprietary high-power solar systems. It is a leader in

solar electric engineering, water management solutions, solar energy installations and products. Its solar technology is in more than 20 countries worldwide. In the U.S., it provides solar electric, water pumping and purification technology to water utilities, agribusiness, industry, schools, communities, homeowners and emergency responders. The company is responsible for major breakthroughs in solar power technology and holds numerous solar-related patents. Among the patented technology is the AquaMax solar pumping system that is capable of driving motors up to 600 horsepower. AquaMax can serve as a backup source of electricity during blackouts or brownouts with grid-tied systems. WorldWater & Power has also successfully completed the world's largest solar-powered irrigation system in California.

Full Circle Energy is currently working to complete an ultra clean coal gasification plant in Fresno that will be the first of its kind in the world. Using a combination of thermal technologies, including plasma, Full Circle Energy will be able to provide a clean, safe way to generate a syngas (a synthetic gas comprised of organic material). The generated syngas can also be used as a clean fuel for generation of electricity. Full Circle Energy's ultra clean coal gasification plants will not generate carbon dioxide or any other harmful pollutants. The company's scientific team is headed by Edbertho Leal-Quiros, Ph.D.

The Central Valley Business Incubator, Inc. is a non-profit organization that was created in 1996 in order to stimulate economic development through entrepreneurship and job creation. CVBI offers business development services and physical resources to ensure the success of local start-up companies. The Incubator has worked with over 3,000 entrepreneurs who have obtained more than \$12.7 million in capital and created 1,900 direct new jobs for Central Californians.

The WET Incubator is a partnership between CVBI and California State University, Fresno's International Center for Water Technology (www.icwt.net).

INTERNATIONAL WATER TECHNOLOGY CONFERENCE 2007 & OZONE V



WHERE
WATER,
SCIENCE &
TECHNOLOGY
CONNECT

This inaugural event will be the place for the water community to come together. The conference will offer a variety of innovation through:

- technical seminars
- poster presentations
- networking opportunities
- exhibits
- tours

Mark your calendar and visit www.icwt.net today to register and learn more about sponsorship and exhibitor opportunities.



California State University, Fresno
5370 North Chestnut Avenue, M/S OF 18
Fresno, CA 93740-8021
www.icwt.net ☎ 559.278.2066

Event Partners:



Inaugural Platinum Sponsors:



APRIL 2-4, 2007
CALIFORNIA STATE
UNIVERSITY, FRESNO

WATER CLUSTER MEETING

September 14, 2006
9 – 11 A.M.

Central Valley Business Incubator (CVBI)
2555 Clovis Ave.
Clovis, CA 93612

Please RSVP to lramos@csufresno.edu
or (559)278-2066

From the North: Take Freeway 99 South to Freeway 41 North/41 South. Stay on 41 North/41 South to 180 East (Kings Canyon). Take 180 East to 168 East (Clovis/Huntington Lake). Continue on Freeway 168 East to Shaw Avenue Exit. Turn right onto Shaw Avenue. Follow Shaw to Clovis Avenue and turn right onto Clovis Avenue. Turn left onto Santa Ana (just south of Sierra Vista Mall), and turn into the first driveway on the right. The building will be on your left. There is a sign that reads Central Valley Business Incubator.

From the South: Take Freeway 99 North to Freeway 41 North (Yosemite). Take Freeway 41 North and follow until Freeway 180 East (Kings Canyon). Get on Freeway 180 East (it is helpful to stay in the right lane after merging onto 180 from 41) and follow to Freeway 168 East (Clovis/Huntington Lake). Take Freeway 168 East to Shaw Avenue Exit. Turn right onto Shaw Avenue. Follow Shaw to Clovis Avenue and turn right onto Clovis Avenue. Turn left onto Santa Ana (just south of Sierra Vista Mall), and turn into the first driveway on the right. The building will be on your left. There is a sign that reads Central Valley Business Incubator.

To submit articles or for more information contact Laura at 559-278-2066
or by email at lramos@csufresno.edu