

## 2<sup>nd</sup> Quarter 2011 Newsletter

July 25, 2011

Dear CPV Consortium Members:

In the 2<sup>nd</sup> Quarter of 2011 the CPV Consortium defined its key initiatives for 2011 and was engaged in the ongoing education and positioning of CPV technology via workshops and speaking engagements. The workshops and seminars brought together key stakeholders to demonstrate the commercial state of the CPV industry. The continued participation from member companies in our workshops has been critical. In the third quarter increased participation from our full membership will be a focus as we strive to further the other initiatives identified by our organization at our meeting at CPV-7. This newsletter will update you on some of the specific activities we have accomplished in the past quarter and those that we are planning for the year ahead.

### 2<sup>nd</sup> Quarter Events in Review

#### SolarExpo

CPV- Concentrator Photovoltaic Workshop

*Understanding Advanced Technology for High Energy Production and Deployment*

May 4<sup>th</sup>, 2011

Verona, Italy

The CPV Consortium hosted a successful full-day workshop at SolarExpo. The workshop was very well attended, as we had over 180 people attend the seminar. The audience included developers, investors, local agencies, CPV companies, and others interested in the technology. The agenda was divided into four sessions: Fundamentals of CPV Technology, CPV Deployment, Italian Market & CPV Installation, and Commercial Availability. The workshop focused on the commercialization and deployment of CPV technology. Due to the large turnout and positive feedback, SolarExpo is very interested welcoming the CPV Consortium to host a similar workshop next year.

*Claire has sent out the slides to the group, but please let her know if you would like another copy.*

#### Photos top to bottom:

*Operations and Maintenance Panel:* Henning von Barsewisch (Soitec), Joaquin Vazques (SolFocus), Vicente Diaz (Isofotón), and Geoff Kinsey (Amonix). Moderator: Mark Crowley (SolFocus)



Conference Room Image

Workshop Moderator: Claire van Zuiden (CPV Consortium)

CPV Deployments: Vicente Diaz (Isofotón)

## Intersolar Europe

Concentrated PV Seminar

June 9, 2011

Munich, Germany



The CPV Consortium was asked to present at the half-day CPV seminar at Inter Solar Europe. The session provided a general overview of CPV technology, its first utility scale power plant experiences, performances metrics, and alternative medium-concentration systems. Claire van Zuiden (CPV Consortium) presented *An Industry Point of View on the Current CPV Market*, Hansjörg Lerchenmüller (Soitec) presented *on Experiences from the First Utility CPV Power Plants*, Joaquin Vazquez's (SolFocus) presentation was entitled *Performance Metrics and Results of CPV Power Plants*, and Bob MacDonald (Skyline Solar) presented on *High Volume Silicon Cell Technologies Enabling Low Cost CPV Systems*. The audience was engaged and gave positive feedback on the session.

## Environmental Impact Study Media Event

July 13, 2011

Intersolar North America

W Hotel, San Francisco, CA



A media breakfast was held at Intersolar North America to announce the release of the Environmental Impact Study that we commissioned Dr. Kammen and his team at the Renewable Energy Laboratory at UC Berkeley to complete.

Dr. Kammen opened the presentation with a video describing the importance of realizing the environmental impacts of energy technology and how CPV technology is advantageous. James Nelson, a Senior PhD Student at UC Berkeley presented the findings and fielded questions from the media. Members of the Consortium in attendance were:

SolFocus, Amonix, Cyrium Technologies, and Soitec and were called on by the media to provide real-world perspective on land, water and materials use of CPV. While some in the audience were familiar with the environmental footprint of CPV, attendees learned new details about the energy payback period of CPV and specific information on system cleaning and dual-purpose land use.



*Claire sent out the final copy of the report and a wrap up report with details of the event and all coverage. Please contact her if you would like to receive another copy of the reports.*

---

## Welcome New Members

---



Greenetica, located in Pordenone, Italy, is a CPV system supplier that has a new generation of solar concentrator that consists of a 2-axis tracking system, a linear parabolic mirror and a linear receiver. Greenetica is joining as an informational/trial member.

[www.greenetica.com](http://www.greenetica.com)



Split Energy is based in Italy and is joining as an informational/trial member.

[www.splitenergy.it](http://www.splitenergy.it)



Xiamen Sanan Optoelectronics Co. Ltd is known for its chip and LED manufacturing in China. The company is now moving into the CPV market and is joining the Consortium as a Charter Member.

<http://www.sanan-e.com/>

---

## Upcoming Events in 2011

---



### **Solar Power International**

October 17, 2011

Dallas, Texas

Full-day CPV workshop & Membership Meeting

We have submitted our workshop proposal and have been accepted to host a full-day CPV workshop at Solar Power International. We will be organizing the agenda and speakers in the coming months.

We will be sending out information on a time, date and location of our Membership Meeting in the coming weeks.

**AN OPPORTUNITY TO ENGAGE**

Just as a reminder to all members, we have set a number of initiatives for The CPV Consortium this year, and as we reach the half-way point, we still have much to do. I have reviewed below the key initiatives we are driving. I'd like to ask all members not currently engaged with these initiatives, that believe they would like to contribute, to contact Claire Van Zuiden and let her know so we can put your talents to work on accomplishing our goals. Thanks in advance for your support.

As you have questions and suggestions, please don't hesitate to contact Claire or myself.

Sincerely,

A handwritten signature in black ink that reads 'Nancy Hartsoch'.

Nancy Hartsoch

CPV Consortium, Chairman