

## 3<sup>rd</sup> Quarter 2009 Newsletter

November 23<sup>rd</sup>, 2009

Dear CPV Consortium Members:

Over the past three months the CPV Consortium has accomplished its goals set out in the previous membership letter. Enclosed in this letter is a review of these accomplishments, including our orchestrated events, visibility at conferences, the launch of the upgraded website, and an increase in membership. Thank you to all members that made these accomplishments possible.

In the next few months the CPV Consortium will be holding its annual Board of Directors election, attend additional conferences, host a panel discussion, and hold two membership meetings. With your help, I look forward to increasing the visibility of the CPV Consortium to promote the industry throughout the rest of this year and into 2010.

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### July 2009-September 2009 Events in Review

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#### 12<sup>th</sup> Annual Renewable Energy Finance Forum (REEF)

The 12th annual Renewable Energy Finance Forum (REEF) was held from September 20-21 in London. On behalf of the CPV Consortium, I joined the Solar Energy Panel chaired by John Gibbs, Director at PricewaterhouseCoopers, which focused on solar PV, CSP, and CPV technologies and the issues around cost, project development and project financing in Europe and elsewhere. Other companies represented on the panel were Sgurr Energy addressing finance and risk management, Caja Madrid's head of Energy and Environment Project Finance talking on project finance for solar, and PricewaterhouseCoopers addressing the market and energy sectors. Nancy addressed the outlook for CPV including technology development and commercialization.



REEF London attracts leading European investors and industry executives from across the energy sector. The forum provides high-level insight into the financial and commercial issues associated with renewable energy, and offers a unique opportunity to network with the 450+ senior representatives who attend.

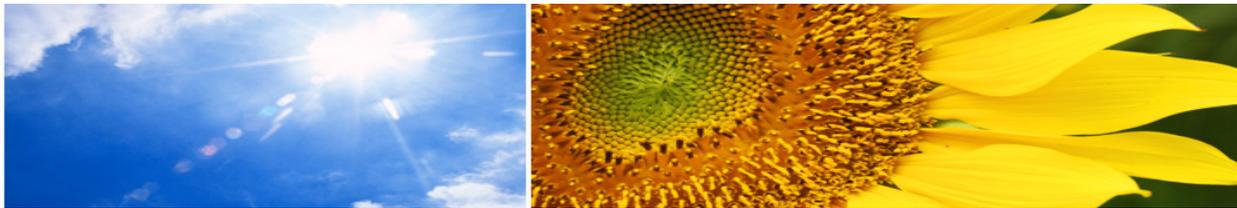
#### Annual Meeting at European Photovoltaic Conference

The CPV Consortium's Annual Meeting was held in conjunction with the European Photovoltaic Conference in Hamburg, Germany on September 24<sup>th</sup>, 2009 at the Radisson Blu Hotel. I called the meeting to order and reviewed key accomplishments for the year. Hansjörg Lerchenmüller spoke on the state of the CPV industry, discussing key challenges. Critical thoughts he shared included the need for all CPV manufacturers to support their projects, and to not overstate capabilities.

He brought home the very important point that as we advance the industry, it is imperative that all suppliers deliver on their promises. Pedro Banda and I summarized the activities of the Marketing and Technical work groups, and then the floor was opened for discussion on what initiatives needed to be pursued going forward. The meeting was very successful and we had 22 members in attendance. Please see attachment for the meeting's minutes.



### Launch of the Upgraded CPV Consortium Website



The CPV Consortium launched its upgraded website at the end of September 2009. The goal of the redesign was for the website to become an information source for media, researchers, developers, and others in understanding all aspects of the CPV industry. It has also been designed to provide greater visibility to general members, and provide click through capabilities from the Consortium website to member company's sites. There are sections for technical papers, photographs, news articles and more where members can submit information to be included on the site. It's important that it be non-promotional in nature, but all technical or industry information can usually be accommodated. I encourage you to look through the website and welcome your comments and inquiries.

In addition to being outreaching, the new website is also an informational portal for member companies. The [CPV Member Only](#) section provides members membership information and documents. Promotional materials available for use by member companies are also available on this section of the site. Please utilize these materials as needed.

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### Welcome New Members

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#### Cyrium Technologies

Cyrium Technologies is based in Ontario, Canada and is developing high-efficiency solar cells for the terrestrial market and plans to become the high performance, high volume multi-junction cells provider for concentrator photovoltaics (CPV) applications.



### King Abdullah University of Science and Technology



King Abdullah University is an international, graduate-level research university based in Saudi Arabia. The University has a state of the art research center on solar and alternative energy with a focus on CPV technology because it is of great interest in Saudi Arabia.

### University of Cyprus: Department of PV Technology

The University of Cyprus's department of PV technology has state of the art facilities for CPV research and joined the CPV Consortium because they believe they can be the link with the Eastern Mediterranean and help CPV technology penetrate the region. Members of their team already participate in European initiatives and will be able to provide an addition voice for CPV technology.



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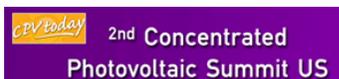
## Upcoming Events

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### Board of Director Election

Nominees have been selected by the Steering Committee. Ballots will be distributed by November 30<sup>th</sup>, 2009 and will be due back by Friday, December 11<sup>th</sup>. All General Members (charter, founding, general) are entitled to one vote per company. The ballots will be distributed to the primary contact of each company. The new Board will be announced Friday, December 18<sup>th</sup>. Please contact Claire van Zuiden if you have any questions.

### 2<sup>nd</sup> Concentrated Photovoltaic Summit



The CPV Consortium is a partnering organization at the 2<sup>nd</sup> Concentrated Photovoltaic Summit in San Diego, California on February 2<sup>nd</sup> and 3<sup>rd</sup>, 2010. We will also be hosting a CPV Super Panel entitled "Big Solar, Small Footprint" that will discuss how and when solar solutions will deliver a Levelized Cost of Energy (LCOE) competitive to other forms of electricity generation. Panelists will also discuss the environmental merits of ground mounted PV solutions, including reducing land usage, less permanent shadowing, sustainable materials for PV manufacturing, and no water consumption.

We will also be hosting a membership meeting at during the conference. Please watch for future emails with information about the next membership meeting.

### CPV-6 Conference



The Consortium plans to become an official supporter of CPV-6 Conference in Freiburg, Germany on April 7-9 2010. Currently, we plan to have an informational kiosk at event. We will also be hosting a membership meeting during the conference.

As an organization we accomplished our quarter-yearly goals, which helped increase the visibility of the CPV Consortium and the industry as a whole. We gained more members, built an informative website, and informed the solar community that CPV technology is ready for commercialization and deployment. However, we still have work to ensure that CPV is noticed and considered necessary to further the development of the industry. By working together as an industry organization, we can promote CPV technology to become the mainstream energy source for 2010. I look forward to your further involvement in the CPV Consortium.

Sincerely,

A handwritten signature in black ink, appearing to read "Nancy Hartsoch". The signature is fluid and cursive.

Nancy Hartsoch  
CPV Consortium, Chairman and Director