



## **EXOSUN AND SOITEC COMBINE THEIR EXPERTISE TO BRING TO MARKET A NEW CONCENTRATOR PHOTOVOLTAIC SYSTEM**

**This new product has already been selected for the majority of projects under France's second tender for solar power plants over 250 kW**

*Paris, April 28<sup>th</sup>, 2014* - [Exosun](#), French expert in the design, development and supply of solar trackers for ground-mounted utility-scale solar power plants, and [Soitec](#), world leader in the supply of concentrator photovoltaic (CPV) modules, have joined forces to offer a new CPV system. Comprising an Exosun tracker holding 18 to 24 Soitec CPV modules, this CX S540 model delivers output per unit reaching up to 61.2 kW. Already being sold by both companies, it will be used in the majority of CPV projects that the French Ministry of Energy selected at the end of the second call to tender for large-scale photovoltaic installations that the French energy regulator, the CRE, issued in March 2013.

Exosun and Soitec have combined their expertise and skills over the last two years to develop this comprehensive product.

Exosun designed and developed dual axis solar trackers using a patented control system to give excellent tracking precision of 0.1°. Going by the name [Exotrack® CPV](#), they combine technical and economic performance to exploit the full potential of Soitec's CPV modules. The drive mechanism, parts tolerance and assembly procedures have been designed to be practical, flexible and modular under any large-scale installation. These trackers blend perfectly into the landscape, and are simple, fast and easy to install and maintain.

The leader in concentrating photovoltaic technology, Soitec meanwhile developed modules achieving up to 31.8% efficiency. Using Fresnel lenses, light is concentrated 500 times before it reaches the triple-junction cells which convert the sun's rays into electricity. The use of highly resistant materials such as glass and metal ensures the robustness and the durability of every module.

Combining the performance of the Exosun trackers and the Soitec modules, CX S540 systems maximize power generation while optimizing the footprint and keeping the height down to 4.5 meters (under 15 feet).

Jean-Noël de Charentenay, Exosun's VP of Business Development, comments, *“The call to tender relating to ground-mounted photovoltaic installations of more than 250 kWp issued by the French energy regulator were implemented by the French Government in order to build a solar industry in France, in particular by encouraging innovative technologies like CPV with a total volume of at least 60 MW. This partnership with Soitec illustrates the way in which two French industry leaders contribute to forming a strong French photovoltaic sector, delivering high-quality and innovative services.”*

Jose Beriot, vice president of Solar Projects Development with Soitec's Solar Energy division, concludes, *“The projects that will be built in France are part of the country's energy transition and will serve as a benchmark for this industry of the future, enabling it to win market share internationally. Through this cooperation with Exosun, we are happy to show that CPV technology is in a position to reinvigorate the industry through innovation, and that it represents a true growth driver.”*

## **About Exosun**

Founded in June 2007 in France, Exosun is an expert in solar tracking for PV and CPV systems. Exosun designs, develops and supplies innovative solar tracking technologies for utility-scale solar plants. Exosun also provides a full range of product associated engineering support services. Designed to meet the highest quality standards, Exosun's solar solutions provide predictable, reliable performances with state-of-the-art technology. Highly competitive on price, quality, and yield, Exosun offers all the technical and environmental qualities necessary to create the best solutions for large scale ground-mounted solar projects. [www.exosun.net](http://www.exosun.net)

### **Exosun press contact:**

Inge Van Soom  
+33 (0)5 56 64 09 24  
[i.vansoom@exosun.net](mailto:i.vansoom@exosun.net)

## **About Soitec**

Soitec is an international manufacturing company, a world leader in generating and manufacturing revolutionary semiconductor materials at the frontier of the most exciting energy and electronic challenges. Soitec's products include substrates for microelectronics (most notably SOI: Silicon-on-Insulator) and concentrator photovoltaic systems (CPV). The company's core technologies are Smart Cut™, Smart Stacking™ and Concentrix™, as well as expertise in epitaxy. Applications include consumer and mobile electronics, microelectronics-driven IT, telecommunications, automotive electronics, lighting products and large-scale solar power plants. Soitec has manufacturing plants and R&D centers in France, Singapore, Germany and the United States. For more information visit: [www.soitec.com](http://www.soitec.com).

### **International Media Contacts**

(Trade Press)  
Camille Dufour  
+33 (0)6 79 49 51 43  
[camille.dufour@soitec.com](mailto:camille.dufour@soitec.com)

(Business press)  
Marylen Schmidt  
+33 (0)6 21 13 66 72  
[marylen.schmidt@soitec.com](mailto:marylen.schmidt@soitec.com)

### **Investor Relations:**

Olivier Brice  
+33 (0)4 76 92 93 80  
[olivier.brice@soitec.com](mailto:olivier.brice@soitec.com)

# # #