

SOL3G PARTICIPATES IN THE 22ND EUROPEAN PHOTOVOLTAIC SOLAR ENERGY CONFERENCE AND EXHIBITION



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Sol3g takes part in the 22nd European Photovoltaic Solar Energy Conference and Exhibition as an exhibitor

- The company is one of the leading companies worldwide in commercialising high concentration systems based on triple-junction cells
- Sol3g will exhibit its products in stand B7, Hall 20

The Spanish company Sol3g will participate in the 22nd edition of the European Photovoltaic Solar Energy Conference and Exhibition, which will take place from September 3rd to 6th in Milan, Italy.

This exhibition, which gathers the main actors of solar photovoltaic energy worldwide, is a reference event for this technology.

Sol3g will take place in the event as an exhibitor, being its second participation in the Photovoltaic Exhibition, having taken part in the 20th edition, that took place in Barcelona. The objectives of the company for this exhibition aim at strengthening its positioning in the marketing and introducing its latest advancements and projects in concentration photovoltaics.

Sol3g, a 100% Spanish capital and technology firm, the headquarters of which are located in the technological park named "Parc Tecnològic del Vallès" in Barcelona, is one of the first companies worldwide to sell HCPV (High Concentration Photovoltaics) systems based on triple-junction cells, having already realized several pilot installations in Denmark and Spain (Gerona, Barcelona and Sevilla) with highly encouraging results.

Sol3g's HCPV modules include Fresnel lenses and secondaries combined with triple junction cells; they use a 476 suns optical concentration ratio – meaning they concentrate 476 times the solar irradiation onto the area of the cell – and high efficiency cells, which allows to reduce dramatically the quantity of semiconductor used. The design of the module and the components has been done giving priority to the whole system efficiency and low manufacturing costs.

The main goal of the company is to offer a real alternative to the current technology, based on silicon flat panel, thanks to a huge reduction of photovoltaic conversion costs, that may be reduced by half in a very near future.

The company plans for year 2007 aim at increasing its production capacity up to 5 MWp / year during the first two quarters of the year, as well as maintain its efforts in research and development in order to continue as a leading company worldwide.

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