

## **Trina Solar to Provide Photovoltaic Cells for Hy-Bird: The First Airplane to Fly Around the World Using Only Renewable Energies**

CHANGZHOU, China, July 14, 2008 /Xinhua-PRNewswire-FirstCall via COMTEX/ -- Trina Solar Limited ("Trina Solar" or the "Company"), a leading integrated manufacturer of photovoltaic products from the production of ingots, wafers and cells to the assembly of PV modules, founded in 1997, today announced a cooperation agreement with **LISA Airplanes** for the building of the **Hy-Bird**, a solar and hydrogen powered airplane that is set to be the first to fly around the world using only renewable energies as fuel.

Under this agreement, Trina Solar will supply LISA Airplanes with almost 300 photovoltaic cells for the assembly of this hybrid airplane. The solar PV cells on the wings and horizontal tail of the plane will supply sufficient energy to complete the fuel cell power for takeoff and for on-board power supply. Apart from this, the plane will be propelled by an electric engine, more silent and more effective at high altitude than heat engines.

LISA Airplanes has already produced a scale model and expects to complete assembly of the real plane by the end of 2009. LISA Airplanes expects to make a series of full-scale test runs and introduce the Hy-Bird project, its technologies, its values and its partners in several countries where interest in renewable energies is growing rapidly. The Hy-Bird is expected to take off for its around-the-world flight, from West to East, through various stages of approximately 1500 kilometers.

"We are pleased to have reached this co-operation agreement for the construction of a solar airplane, since it is a pioneering project and represents a unique and innovative photovoltaic application that underscores the high quality and reliability of Trina Solar PV products," remarked Arturo Herrero, Trina Solar's Vice President of Sales & Marketing. "We are very proud to be part of this sustainable energy airplane project as we continue to promote the benefits and use of solar energy worldwide".

### **About Trina Solar Limited**

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[TSL](#) (27.06, -0.06, -0.2%) , through its wholly-owned subsidiary Changzhou Trina Solar Energy Co. Ltd, is a well recognized manufacturer of high quality modules and has a long history as a solar PV pioneer since it was founded in 1997 as a system installation company. Trina Solar is currently one of the few PV manufacturers that has developed a vertically integrated business model from the production of monocrystalline and multicrystalline ingots, wafers and cells to the assembly of high quality modules. This integrated value chain helps to ensure that high quality products can be delivered to its end customers around the globe, including a number of European countries, such as Germany, Spain and Italy. Trina Solar's solar modules provide reliable and environmentally-friendly electric power for residential, commercial, industrial and other applications worldwide. For further information, please visit Trina Solar's website at <http://www.trinasolar.com> .

### **About LISA Airplanes:**

LISA (Light Innovative Sport Aircraft) Airplanes is a manufacturer specialised in the field of high-end pleasure aviation. Additional background on both the company and Hy-Bird is available at <http://www.lisa-airplanes.com> and <http://www.hy-bird.com> .