June 17, 2010

First Solar Supports Solar Decathlon Europe 2010

Pergola Features First Solar Modules

Madrid, June 17, 2010. First Solar Inc. (NASDAQ: FSLR), one of the world's leading photovoltaic (PV) module manufacturers, is sponsoring the Solar Decathlon Europe for the first time.

The extensive participation of First Solar at the Solar Decathlon, an international competition for energy-autonomous houses in Madrid, includes sponsoring the event and a First Solar-led industry forum, as well as supplying its innovative, thin film PV modules for the architecturally impressive Solar Decathlon pergola.

The First Solar PV modules on the pergola produce clean, green solar energy equivalent to the needs of three average Spanish families.

First Solar modules generate electricity with practically no water, no emissions, and no waste production during operation, and perform exceptionally well under diffuse light and high temperature conditions. This results in a higher energy yield at dawn and dusk and on roofs with a less than optimal orientation towards the sun. It also results in a higher yield when modules are mounted flush with the roof, where wind is less able to cool them.

In addition to offering the best value in the industry in terms of costs per watt, First Solar is continuously looking for ways to reduce the environmental impact of its technology across the entire solar value chain. First Solar has developed and implemented the industry's first pre-funded collection and recycling program for solar modules. At no additional cost to the end customer, First Solar collects and recycles decommissioned modules and recovers approximately 90% of their raw materials by weight.

With more than 1GW of fully integrated production capacity this year, First Solar is the largest PV module manufacturer in the world. The company operates in more than 15 countries and is the only pure solar company in the Standard & Poor's 500 index. First Solar's mission is to create enduring value by enabling a world powered by clean, affordable solar electricity that is competitive with conventional energy. First Solar is active in the European market, with major solar projects in Spain, Germany, Italy, and France, as well as a manufacturing plant in Germany and plans to build one in France.

First Solar Industry Forum on Wednesday, June 23rd, from 4 - 7 pm in Carpa Exposición y Conferencias - Villa Solar.

For more information on First Solar at the Solar Decathlon Europe 2010, please visit www.firstsolar.com/SDE.

About First Solar

First Solar manufactures solar modules with an advanced semiconductor technology and provides comprehensive photovoltaic (PV) system solutions. The company is delivering an economically viable alternative to fossil-fuel generation today. From raw material sourcing through end-of-life collection and recycling, First Solar is focused on creating cost-effective, renewable energy solutions that protect and enhance the environment. For more information about First Solar, please visit http://www.firstsolar.com.

About Solar Decathlon

The Solar Decathlon Europe 2010 was created through an agreement between Spain's Ministry of Housing and the United States Government, which committed to organize a solar architecture competition in Europe. Nineteen top universities from around the world were selected to participate in the 2010 competition, which will be held in Madrid. This initiative touches on the priorities and objectives of both the European Union and the Spanish Government, including the promotion of and firm commitment to research and innovation applied to an issue of global strategic interest. Improvements will be made not only in energy efficiency, but also in sustainability in a sector that is as sensitive and important to the economy as construction.