

SPOTLIGHT



FIRST SOLAR Tempe, Arizona

First Solar is an American semiconductor manufacturing company leading the way in global green sustainability by producing clean,

affordable solar electricity. First Solar provides the industry's leading eco-efficient PV solutions which generate more energy at a competitive cost with the lowest environmental impact. First Solar has developed, financed, engineered, constructed and currently operates many of the world's largest grid-connected PV power plants.

First Solar technology has generated clean electricity for over 25 years with no carbon emissions or air pollutants. Photovoltaic (PV) cells, also commonly known as solar cells, convert sunlight directly into electricity. First Solar's thin film PV modules have approximately half the carbon footprint of conventional crystalline silicon PV modules. Unlike conventional energy sources and concentrated solar power (CSP), First Solar modules do not require water to generate electricity during operation. Additionally, they have reduced their manufacturing water consumption per-watt-produced by nearly 30 percent since 2009, producing the lowest carbon footprint in the industry. First Solar is a leading global provider of comprehensive PV solar systems using advanced module and system technology, providing mass-scale PV electricity in 12 countries, including markets throughout the Americas, Asia, the Middle East and Africa. ¹

*Environmental Control Provided by Data Aire, Inc.
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¹ <http://www.firstsolar.com/en/>