



TICKER: OTCQB: SSIE  
WWW.SUNSIENERGIES.COM

# WE POWER THE SOLAR INDUSTRY

## SUNSI ENERGIES... THE ONLY "PURE PLAY" PUBLIC COMPANY IN THE WORLD FOCUSED ON TCS PRODUCTION!

### Corporate Profile

SunSi Energies Inc. ("the Company" or "SunSi") is the first and only "pure play" public company in the world focused exclusively on the production of Trichlorosilane ("TCS"). TCS is a specialty chemical that is the main feedstock used in the production of polysilicon, which is essential to the solar photovoltaic (PV) industry. Approximately 75% of all solar panels currently produced are polysilicon based. These panels convert sunlight into electricity.

Currently, U.S.-based SunSi controls approximately 55,000 metric tons of TCS production in China with plans to expand its existing capacity to as much as 100,000 metric tons by the end of May 2012. The Company's goal is to become the world's leading producer and distributor of TCS through the expansion of its existing facilities and the acquisition of additional, high-quality, scalable, strategically located production facilities. The Company is successfully executing its business plan by taking advantage of one of the fastest growing trends and markets in the world today – the solar market.

### Our Product

Trichlorosilane (SiHCl<sub>3</sub>) is a colorless liquid derived from silicon powder. It is the key intermediate compound used to produce extremely pure polysilicon, with which computer chips and solar cells are made, and is sold to leading, global solar panel manufacturers. TCS is considered to be the first product in the front-end of the PV value food chain. Due in large part to high barriers to entry in constructing new TCS-focused facilities, TCS tends to achieve the highest profit, followed by the solar cell manufacturers.



### Our Chinese Operations

SunSi Energies owns 100% of a Hong Kong-based company, SunSi Energies Hong Kong Inc. (SunSi HK). SunSi HK which has been the vehicle in which SunSi has executed its successful Chinese TCS production facility acquisition strategy. In December 2010, SunSi HK completed the acquisition of 90% of Zibo Baokai Commerce and Trade Co. ("Baokai"), a distribution company. With this acquisition, SunSi gained the exclusive access to distribute 25,000 MT of TCS produced by the Zibo Bayoun Chemical Plant (ZBC) located in Zibo China for both the local Chinese and the international markets.

"Growth opportunities are emerging particularly for high quality low cost manufacturers such as the major Chinese producers."

Regreasing the Solar Wheels, Energy & Capital

### Share Information

(As of December 5<sup>th</sup>, 2011)

Symbol:	OTCQB: SSIE
Share Price:	\$ 4.05
Shares Outstanding:	29.96M
Fully Diluted:	29.96M
Market Cap.:	\$ 121.33M

### Investment Case

- High growth solar sector
- Current and upcoming government incentives
- Highest profit in the solar value chain
- High quality products at a low production cost
- Positioned for international growth and expansion





TICKER: **OTCQB: SSIE**  
 WWW.SUNSIENERGIES.COM

In March 2011, SunSi HK completed the acquisition of Wendeng He Xie Silicon Co. Ltd (Wendeng) located in Weihai City. Under the terms of this agreement, SunSi acquired a 60% equity interest in Wendeng. By the end of October 2011, Wendeng's nameplate capacity will be 30,000 metric tons (MT) - a more than 50% increase in capacity. The Company plans to engage in an additional expansion of 40,000 MT thus bringing Wendeng to a total of 75,000 MT in capacity in the coming months in order to continue to meet strong expected demand from new and existing customers.

**Financials**

Although Chinese operations were not consolidated for the entire fiscal year due to the timing of our acquisitions, SunSi recorded \$15.1 million in revenue and \$330,000 in EBITDA, for its fiscal year ending May 31, 2011. Company management has already provided preliminary guidance for fiscal 2012. SunSi projects revenue in the \$49 - \$52 million range and EBITDA of \$3.2 million - \$4.1 million. The expected 300+% increase in revenue and significant increase in EBITDA over fiscal 2011 is a function of recording a full year of revenue from our Baokai and Wendeng operations, an increase in TCS capacity for half of fiscal 2012 at Wendeng, and production-related economies of scale.

**Growth Strategy**

SunSi foresees growth, both in geographic terms and TCS demand. SunSi recently shipped its first TCS order to Nitol Solar, marking its first TCS sale outside of China and the Company expects that this is a trend that will continue in fiscal 2012. SunSi's objective is to ultimately control 140,000 MT of TCS production per year and expects to achieve this within the next 2 years through expansion and/or acquisitions. The growing global shift in production of solar panels to China fits perfectly with SunSi's positioning and capabilities. As a result, SunSi has emerged as a key supplier to the emerging Chinese and Asian polysilicon and solar energy markets and expects to continue to expand its presence abroad.

As part of its increasing status and visibility, SunSi recently applied for listing of its common shares on the NASDAQ Capital Market. A move to this higher profile exchange should add liquidity and broaden the Company's reach with investors.

"In light of the future growth of the solar energy industry worldwide, combined with the fact that TCS is used in over 90% of all the solar cells and modules, Sunsi expects that TCS producers will continue to achieve higher profits than anyone else in the solar PV value chain"



**The Right Time**

"Despite the global credit crisis and world recession, every facet of the solar ecosystem—including scientists, policy makers, environmental activists, cell and module manufacturers, equipment and materials suppliers, to name a few—are reaching critical milestones in growth, technical achievement, commercial reward, and policy success.

This underscores the health of the industry, even during the current economic recession, and point to a prosperous and exciting future."  
 SEMI PV Group

**A Winning Team**

The SunSi Energies management team gathers successful business leaders and professionals. This team possesses the experience and expertise necessary to direct the company's growth strategy while continually looking for innovative ways to meet the needs of its employees, clients and investors.

**Investor Contacts**

Richard St-Julien  
 Tel: 646-205-0291  
 rstjulien@sunsienergies.com

Sunsi Energies Inc.  
 45 Main Street, Suite 309  
 Brooklyn, New York, 11201  
 Tel: 646-205-0291  
 Fax: 646-205-0292  
 www.sunsienergies.com  
 info@sunsienergies.com

