



Solar Powering a Green Future™

Suntech Power – A Solar Leader

Fourth Quarter and Full Year 2009
March 4, 2010



Disclaimer

This presentation, and accompanying slides, contains statements regarding the Company's projected financial and operating results, market opportunity and business prospects that are individually and collectively forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Any forward-looking statements and projections made by others in this presentation are not adopted by the Company and the Company is not responsible for the forward-looking statements and projections of others.

These forward-looking statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties and assumptions that are difficult to predict. Therefore the Company's actual results, levels of activity, performance or achievements could differ materially and adversely from results expressed in or implied by this presentation. These risks include, among others: annual shipment guidance for 2010, the ability to increase PV cell production capacity to 1.4GW by mid-2010, Pluto capacity in 2010, Q1 and full year 2010 sales, the ability to expand our global service platform and deliver world-class innovation, 2010 capital expenditures, the amount of projects built in China under the 2 GW of framework agreements for solar projects, the amount of panels supplied to Pure energies in 2010 and 2011, the timing and ability to collect accounts receivable due from investees of GSF and potential liabilities which may become owing under any other contingent obligations to GSF and investee companies, and the commencement date of the manufacturing at the Goodyear plant.

Additional information concerning these and other risk factors is contained in the Risk Factors sections of our Annual Report and our Form 20-F for the year ended December 31, 2008.

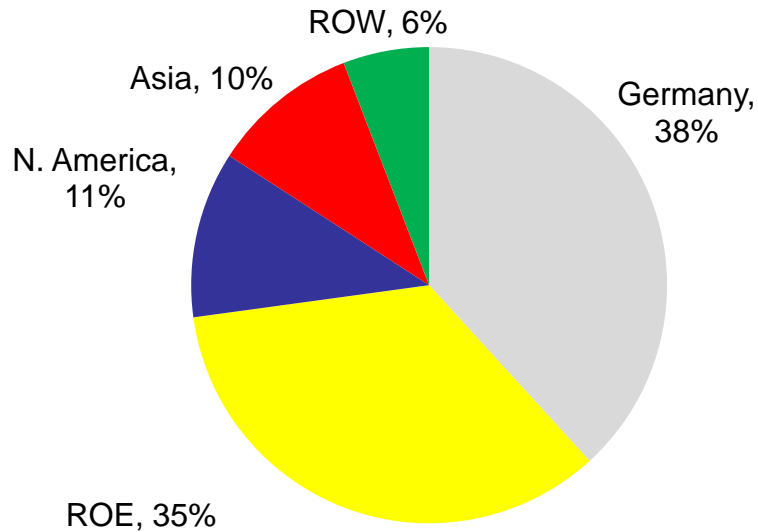
We assume no obligation to update any forward-looking information contained in this presentation.

Financial Highlights

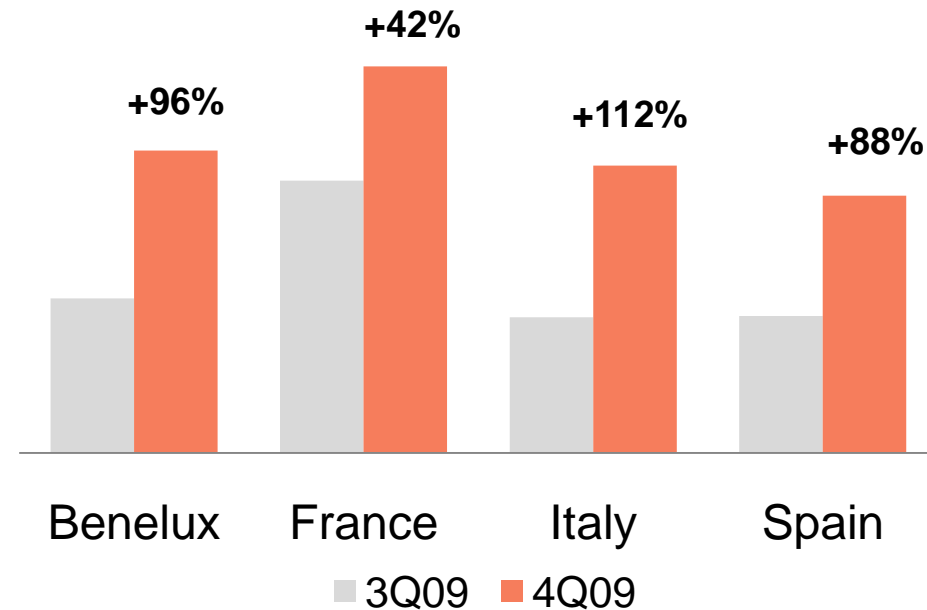
	Fourth Quarter 2009	Full Year 2009
Shipments	+32% QoQ	+43% YoY
Revenue	\$583.6 mm	\$1.7 bln
Net Income	\$49.9 mm	\$91.5 mm
Gross Profit Margin	23.8%	20.0%
Earnings per Diluted ADS	\$0.27	\$0.53

Europe

Fourth Quarter 2009



Revenue Growth by Region

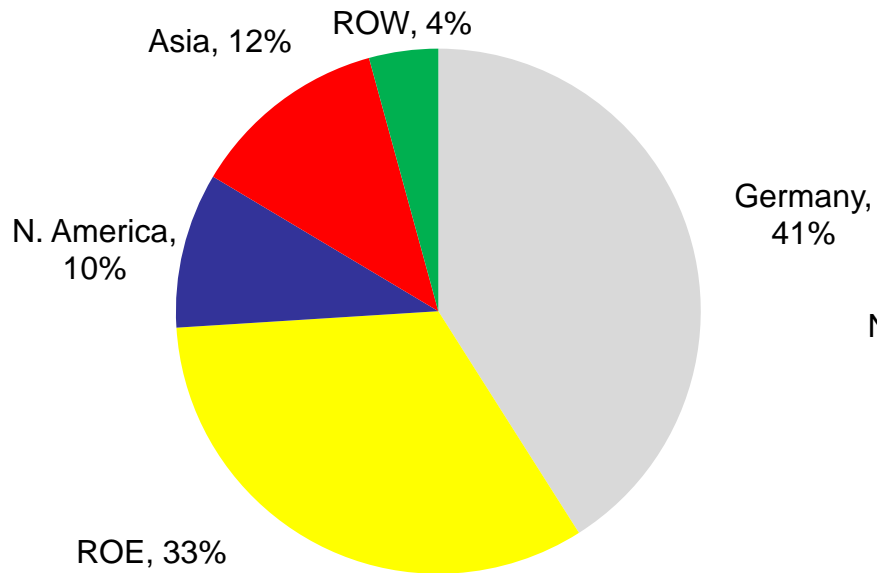


- Strengthened European management with key hires
- Modest ASP decline throughout the year

- Sold out in the first half of 2010
- Quality and reliability of Suntech brand

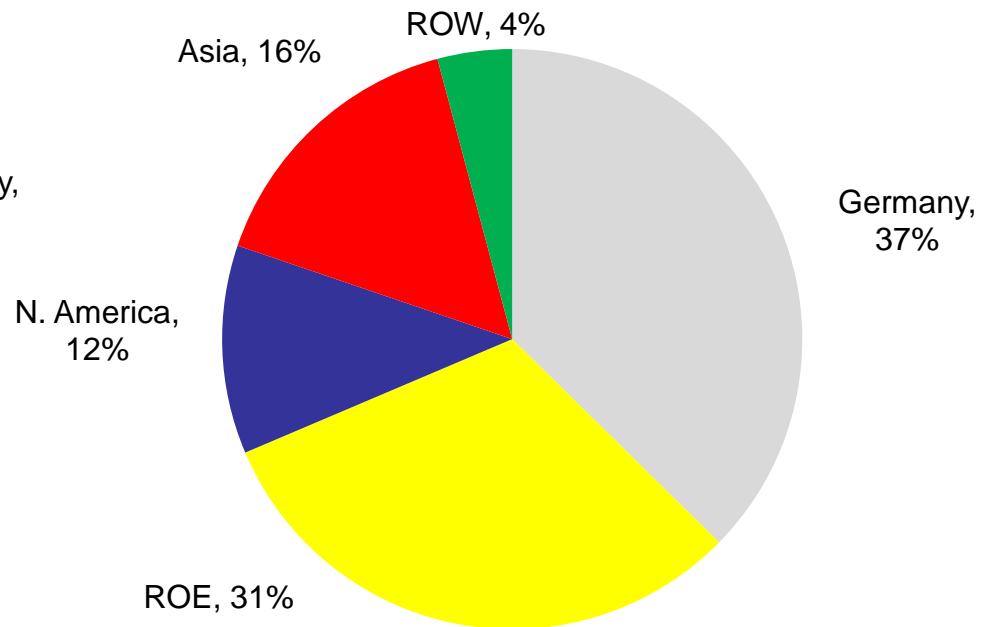
Revenue Mix

Full Year 2009 Actual



■ 704 MW Actual Shipments

Full Year 2010 Forecast



■ 1,250 MW Forecast Shipments

China Pavilion, Suntech PV System



- Growing presence in Asia Pacific, Middle East, and Africa
- Partnership with Yamada Denki in Japan
- New subsidy program announced in Taiwan
- Two solar systems completed and connected to the grid for the 2010 Shanghai World Expo
- China's first 10MW utility-scale solar power project in Shizuishan
- 20MW of utility scale solar plants underway

North America

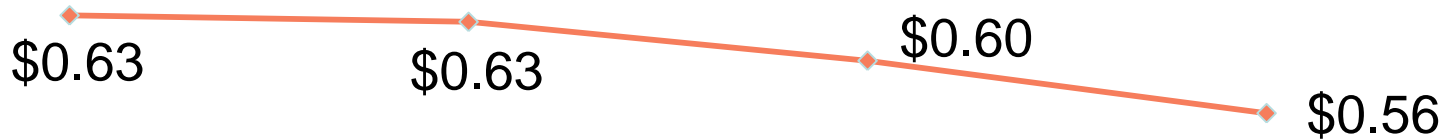
Suntech Factory in Goodyear, AZ



- Increased 4Q09 sales to US by close to 60% over 3Q09
- North American Partner Program gaining traction – over 200 dealers
- Improving traction in utility PV market
- U.S. manufacturing plant to be located in the city of Goodyear, Arizona
- Savings of production costs and transportation time
- U.S. 30 MW production to begin in the third quarter

Cost Reduction

2009 Non-silicon Costs



Q1 Q2 Q3 Q4

- Includes all manufacturing costs (non-silicon materials, processing and depreciation)
- Excludes share based compensation and freight

2009 Silicon Wafer Costs



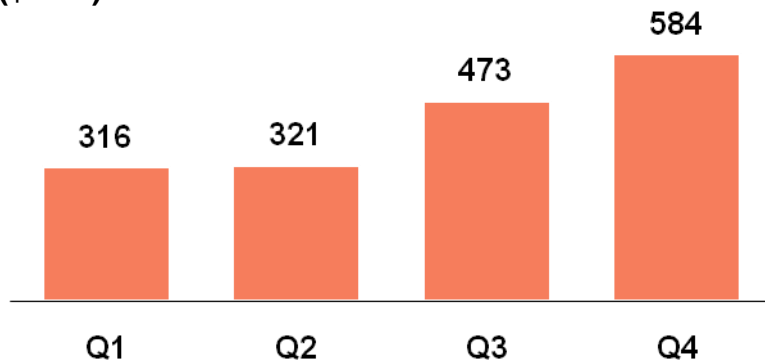
Q1 Q2 Q3 Q4

- Approximately 15% decline in silicon wafer costs from 3Q09 to 4Q09
- Includes wafer APP and inventory impact

Financial Trends - 2009

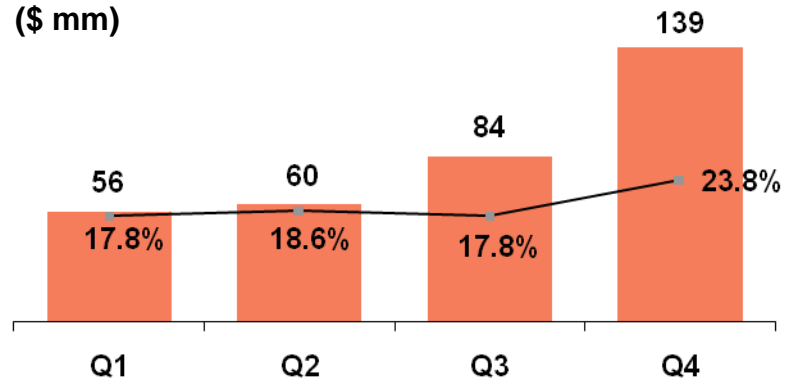
Revenue

(\$ mm)



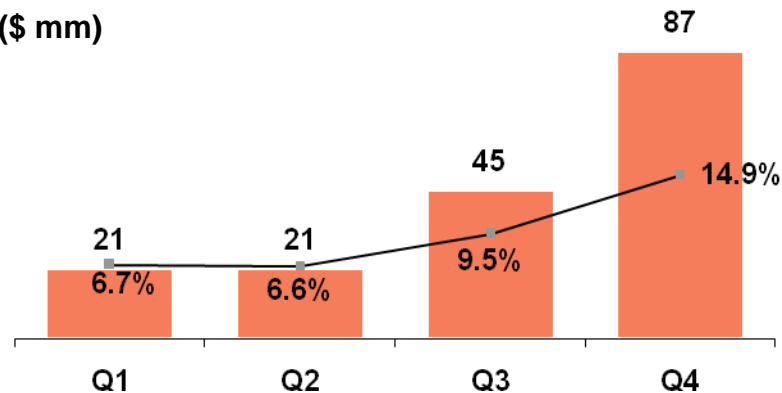
Gross Profit and Margin

(\$ mm)



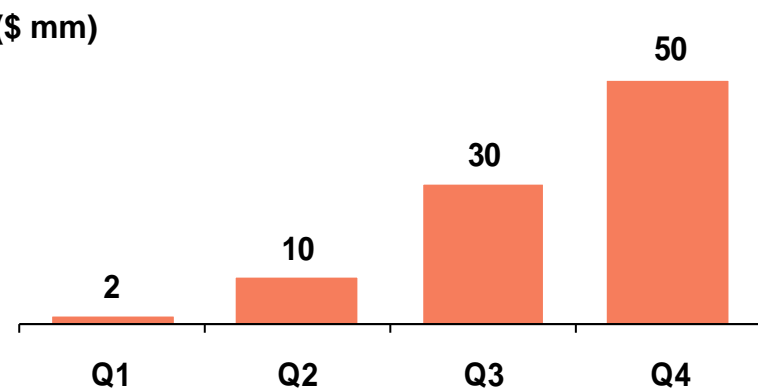
Operating Income and Margin

(\$ mm)



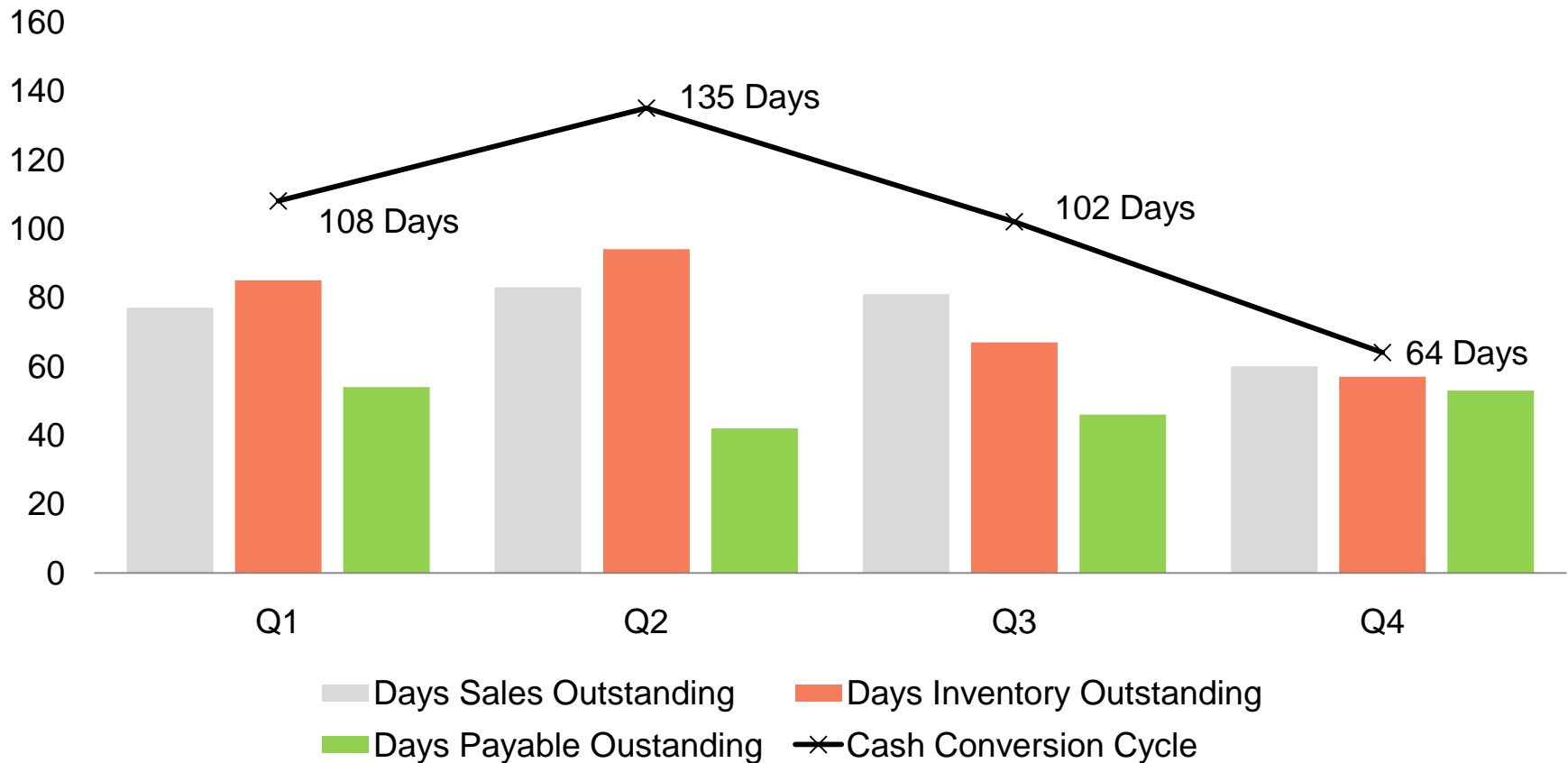
Net Income

(\$ mm)



Capital Improvement

2009 Working Capital Management



Outlook

- **First quarter 2010 shipments up 5-10% QoQ**
- **First quarter 2010 gross profit margin of 18-20%**
- **Full year 2010 shipments above 1,250 MW**
- **Full year 2010 capital expenditures of approximately \$200 million**



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Questions and Answers



Income Statement

Income Statement Highlights	3 months ended 31 Dec 08	3 months ended 30 Sep 09	3 months ended 31 Dec 09	QoQ	YoY
Total net revenues	414.4	473.1	583.6	23.4%	40.8%
Total cost of revenues	412.1	389.0	444.9	14.4%	8.0%
Gross profit	2.3	84.1	138.7	65%	5814.8%
Operating expenses	46.2	39.3	51.7	31.4%	11.9%
Operating income (loss)	(43.8)	44.8	87.0	94.5%	NA
Net income (loss) attributable to holders of ordinary shares	(109.1)	29.8	49.9	67.6%	NA
Fully diluted EPS	(0.70)	0.16	0.27	68.7%	NA
Fully diluted shares	158.4	182.1	182.3	0.0%	17.0%

Note: Amounts in millions USD except for per-share data

Balance Sheet

Balance Sheet Highlights	As of 31 December 2008	As of 30 September 2009	As of 31 December 2009
ASSETS	3,207	3,899	3,990
Cash & cash equivalents	508	656	833
Short-term investments	-	200	201
Inventories	232	285	280
Accounts receivable	213	420	384
LIABILITIES	1,973	2,333	2,371
Short-term borrowings	616	848	800
Accounts payable	117	197	264
Long-term bank borrowings	6	136	138
EQUITY	1,234	1,557	1,604

Note: Amounts in millions of US Dollars