



*Solar Powering a Green Future™*

# Suntech Power – A Solar Leader

Second Quarter 2010  
August 18, 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: the ability to increase PV cell production capacity to 1.8GW by the end of 2010; expected Q3 2010 shipments and gross margin; full year 2010 shipment expectations; and 2010 capacity and capital expenditures.**

**Additional information concerning these and other risk factors is contained in the Risk Factors section of our Annual Report on Form 20-F for the year ended December 31, 2009.**

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

# Financial Highlights

Category	Second Quarter 2010
Shipments	+12% QoQ
Revenue	\$625.1 mm
Gross Profit Margin	18.2%
Net Earnings (Loss)	(\$174.9 mm)
Earnings (Loss) per Diluted ADS	(\$0.97)

- Highest quarterly revenue in Suntech history
- Largest solar panel module producer by revenue
- Core wafer to module gross margin of 20.4%
- Further reduced non-silicon cost by \$0.04 to \$0.52/Wp
- Increased full year shipments target from 1.3GW to 1.5GW
- Increased full year capacity target from 1.4GW to 1.8GW

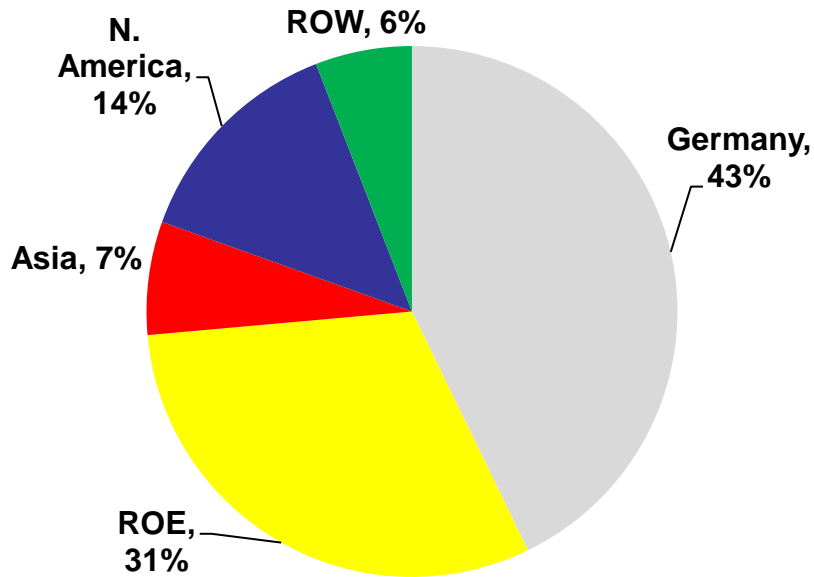
# Non-Cash Impairments

Impairment Category	Amount (millions USD)
Equity investments in Shunda Holdings	\$101.1
Provision for prepayments related to Shunda Holdings	\$25.0
Impairment of thin film equipment	\$54.6
<b>Total 2Q10 non-cash impairments</b>	<b>\$180.7</b>

- **Non-cash impairment charges and provisions related to thin film and Shunda had a negative impact of \$1.00 per diluted ADS in the second quarter of 2010.**

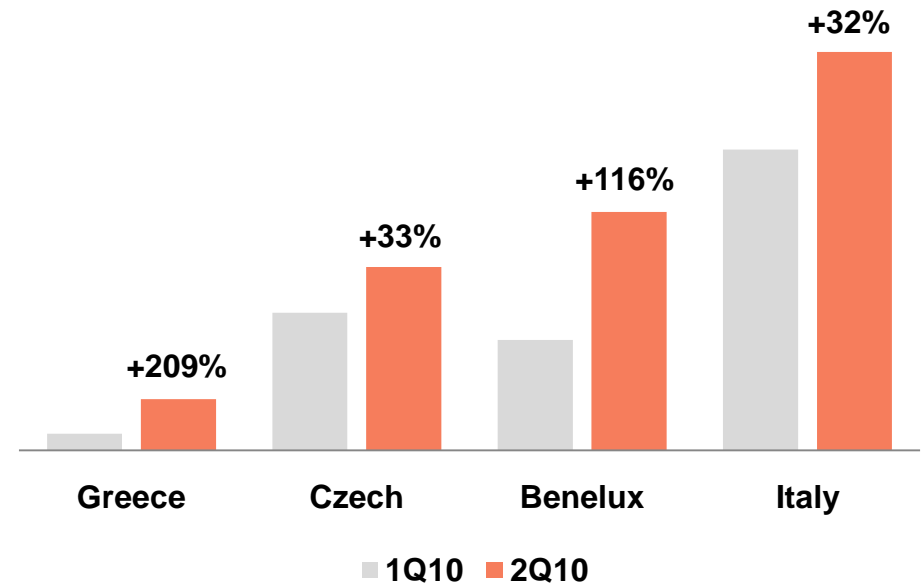
# Europe

Second Quarter 2010  
\$625 Million Revenue



- Resurgence of demand in Germany in the second quarter
- Strong demand growth in Greece, Czech Republic, Benelux Region, and Italy

Second Quarter 2010  
European Growth Markets



- New office in Montbonnot, near Grenoble in France to enhance customer support and set the foundation for growth
- France represents an emerging market for Suntech's strong BIPV portfolio



# Asia Pacific



Residential Installation in Sapporo, Japan

- Signed multi-megawatt supply agreement with Azure Power in India
- Supplied 34.5 MW of modules for one of Thailand's largest PV power plants
- Over 2.5 GW shipped globally to date
- Continued strong shipments to Japan for BIPV and standard modules

# Cost Reduction

## Non-silicon Costs



3Q09

4Q09

1Q10

2Q10

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

## Silicon Wafer Costs



3Q09

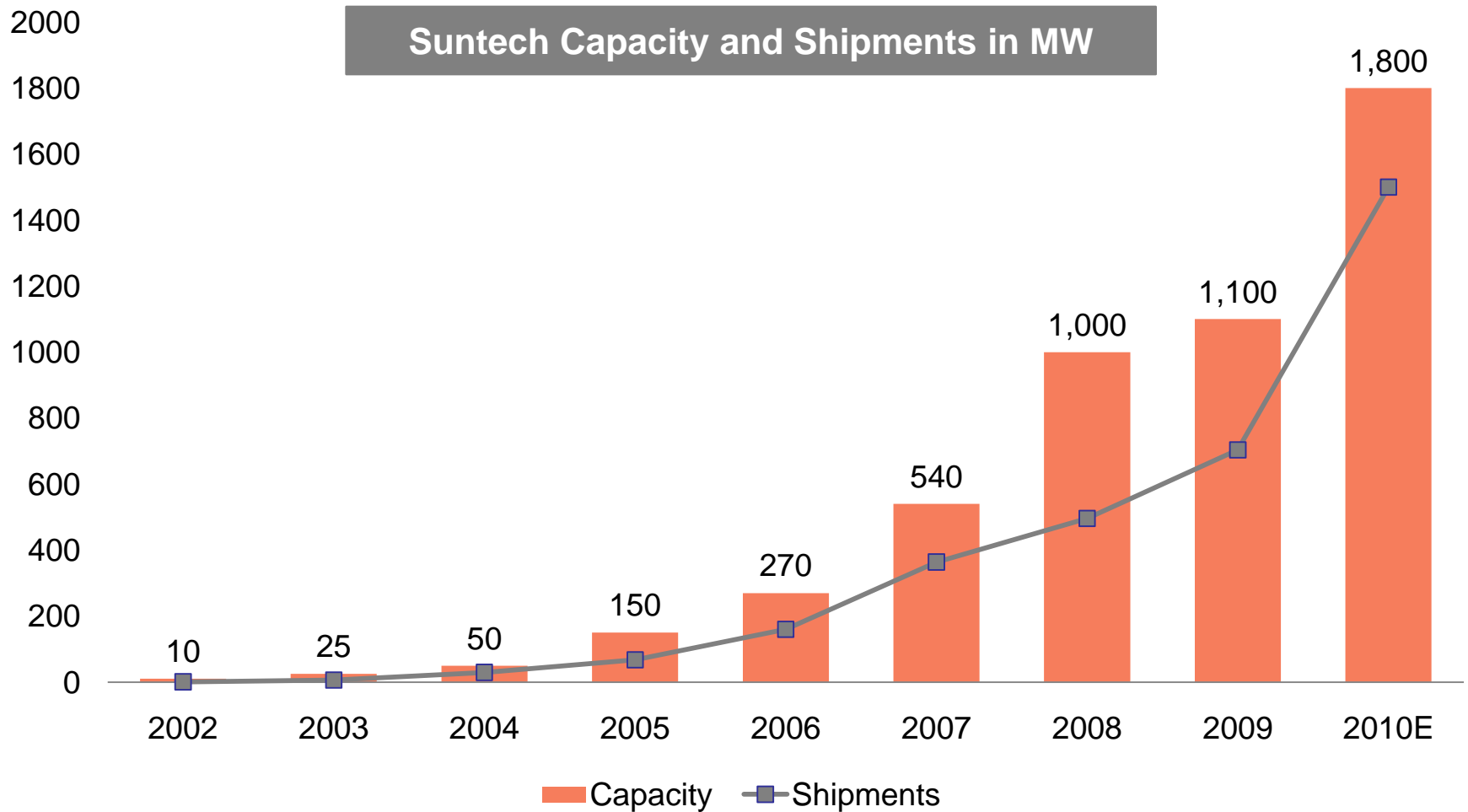
4Q09

1Q10

2Q10

- Silicon wafer costs relatively flat from 1Q10 to 2Q10
- Includes wafer APP and inventory impact

# Capacity and Shipments





# Technology

## Sydney Town Hall Featuring Suntech Pluto Modules



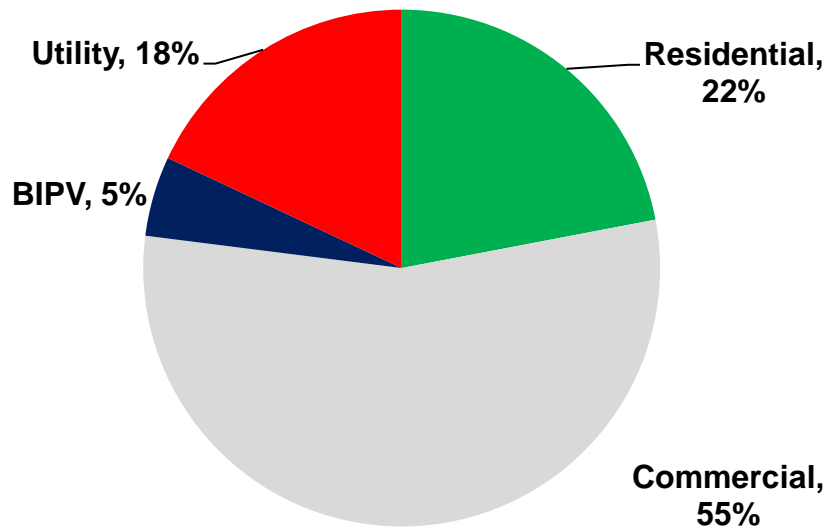
- Installed 450 MW of Pluto enabled cell capacity
- Increased Pluto output from 4MW per month to 6MW per month
- Achieving 19% conversion efficiency on Pluto mono-crystalline silicon cells

# Executive Promotions

Personnel	Executive Role
David Hogg	Chief Operating Officer
Andrew Beebe	Chief Commercial Officer
Hongkuan Jiang	Chief Human Resources Officer
Steven Chan	President of Suntech America
Jerry Stokes	President of Suntech Europe
James Hu	President of Suntech APMEA

# North America

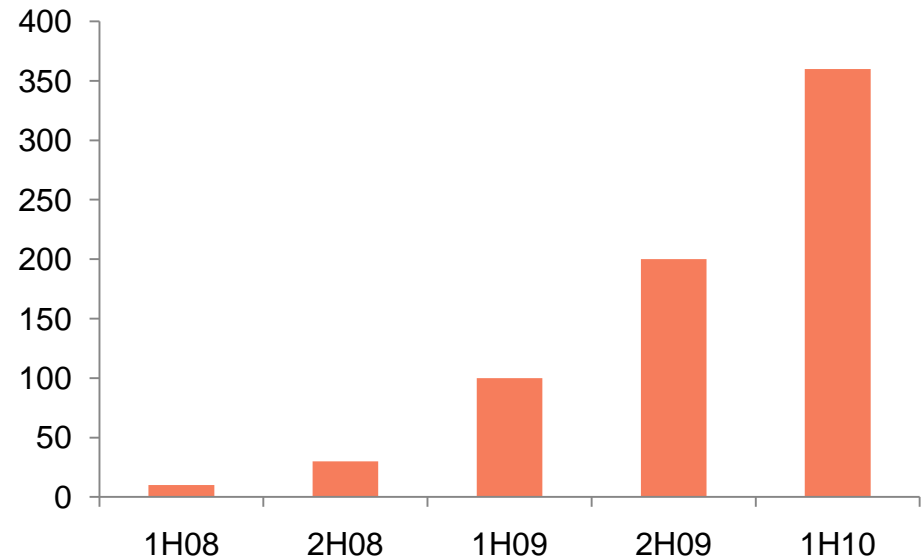
## 2Q10 North American Revenue Segments



- US sales increased 35% sequentially
- 260% YoY growth of applications for the California Solar Initiative
- Utility segment expected to represent 50% of total Suntech sales in North America by 2012



## Number of Authorized Dealers in North America



- Target 20% market share in the US in 2010
- North American downstream network growing – close to 400 dealers
- Suntech's new Arizona facility on schedule for completion in 4Q10

# Income Statement

Income Statement Highlights	3 months ended 30 Jun 10	3 months ended 31 Mar 10	3 months ended 30 Jun 09	QoQ	YoY
Total net revenues	625.1	588.0	321.0	6.3%	94.8%
Total cost of revenues	511.3	473.5	261.3	6.3%	104.5%
Gross profit	113.9	114.5	59.7	8.0%	95.7%
Operating expenses	132.9	51.0	38.6	160.6%	244.1%
Operating income (loss)	(19.1)	63.5	21.1	-130.0%	-190.6%
Net income (loss) attributable to holders of ordinary shares	(174.9)	20.7	10.0	-944.5%	-1853.2%
Fully diluted EPS	(\$0.97)	\$0.11	\$0.06	-957.1%	-1722.7%
Fully diluted shares	179.6	182.3	172.6	-1.5%	4.0%

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

# Balance Sheet

Balance Sheet Highlights	As of 30 June 2010	As of 31 March 2010
<b>ASSETS</b>	<b>3,875</b>	<b>3,923</b>
Cash & cash equivalents	766	677
Inventories	382	314
Accounts Receivable	405	314
Investments in Affiliates	234	331
<b>LIABILITIES</b>	<b>2,403</b>	<b>2,293</b>
Short-term borrowings	939	836
Accounts payable	366	384
Long-term bank borrowings	143	132
Convertible notes	536	528
<b>EQUITY</b>	<b>1,472</b>	<b>1,630</b>

# Outlook

- Third quarter 2010 shipments up approximately 15 - 20% QoQ
- Third quarter 2010 gross profit margin of mid to high teens
- Third quarter USD/Euro assumption of 1.29:1
- Increased full year 2010 shipment target to 1.5GW from 1.3GW, which represents 113% growth YoY
- Target to achieve 1.8GW of capacity by year end
- Full year capital expenditures of approximately \$300 - 350 million





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# Questions and Answers

