

Neo Solar Power Corp. (3576 TT)

Professional maker of **QUALITY** solar cells



Company Presentation

November 2010



Safe Harbor Statement

This presentation may contain various forward-looking statements and include assumptions concerning Neo Solar Power Corp. (NSP) operations, future results and prospects. These forward-looking statements are based on current expectations and are subject to risk and uncertainties. NSP provides the following cautionary statement identifying important factors which, among others, could cause the actual results or events to differ materially from those set forth or implied by the forward-looking statements and related assumptions.

Such factors and other risks are discussed in greater detail in the NSP's filings with the Securities and Futures Bureau of the Financial Supervisory Commission, Executive Yuan, R.O.C. and the Taiwan Stock Exchange Corp.

Neo Solar Power Corp.

– Quantum Leap to Gigawatt –

Outline

- | **Company and Business Overview**
- | **Operation Highlights**
- | **Financial Performance**

NSP Corporate Overview

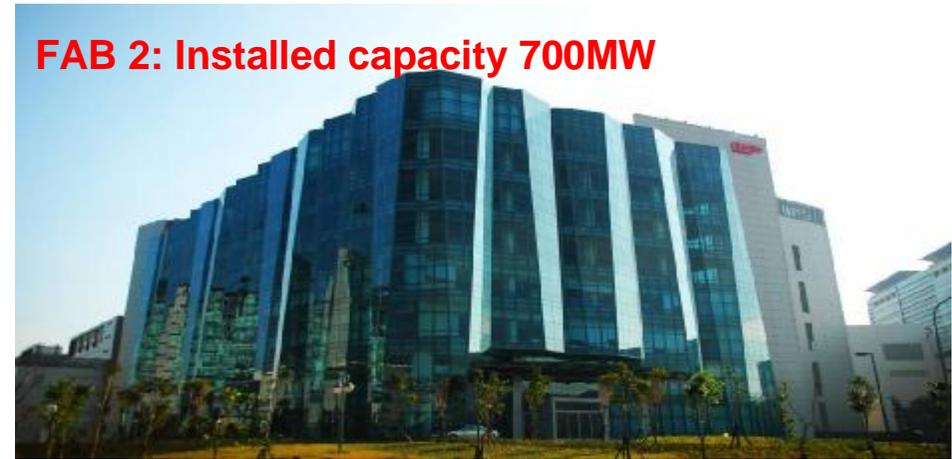
NSP (3576 TT) is a leading Taiwanese solar energy company and one of the world's largest PV cells manufacturers. NSP is engaged in development, manufacture and sale of high quality PV cells and modules to worldwide markets, including Europe, Asia, Japan, and North America.

Key Facts

- n World Tier 1 solar cell maker**
- n Founded in 2005, headquarter in Hsinchu, Taiwan**
- n Shares outstanding (11/12/2010): 285M**
- n Market Cap (11/12/2010): US\$700M**
- n Annual Capacity: 800MW (FY2010) / 1.2GW (FY2011)**
- n Products: Mono- / Multi-Crystalline Solar Cells and Modules**
- n Employees: 1400 +**



Operation Sites



Type	Location	Installed Capacity Max. (MW)
Cell	FAB 1: Hsinchu, Taiwan	100
	FAB 2 & HQ: Hsinchu Science Park, Taiwan	700
	FAB 3: Tainan, Taiwan	400+ (FY 2011) (3400 Max.)
Module	Hsinchu, Taiwan	50



Experienced Executive Team



Dr. Quincy Lin, Chairman and CEO

- n Over 30 years of experience in high tech management
- n Senior Vice President of TSMC – world’s largest semiconductor foundry
- n Ph.D. in Business Administration, MBA, BS in Electronics Engineering



Dr. Sam Hong, President and COO

- n Over 30 years of experience in photovoltaic solar energy
- n General Director of PV Solar Energy Division at the Industry Technology Research Institute (ITRI); VP & Plant Director of Sinonar Solar Cell Co.
- n Ph.D. in Electrical Engineering

Experienced Executive Team



Andy Shen, Sr. Vice President of Worldwide Sales & Marketing

- n Over 25 years of industry experience in semiconductor engineering, sales, and marketing
- n Senior Director, TSMC; President, TSMC-Europe
- n Master of Business Administration; MS in Electrical Engineering



Dr. Alex Wen, Sr. Vice President of Operation

- n Over 15 years of experience in silicon-material technology
- n Manager, Industrial Technology Research Institute (ITRI)



Marco Hu, Sr. Vice President of Strategy Development

- n Over 30 years of experience in high-tech production management & general management
- n President, Tynsolar; Product Marketing Manager at HP; Planning Manager & Production Manager at TI
- n BS in Electronics Engineering

Company Milestones

2010

- Broke ground for FAB 3 in Tainan, Taiwan with designed capacity of 3.4 GW
- Ranked world 14th largest cell manufacturer (Gartner, 2009)
- Launched two high efficiency products, Multi-Crystalline “Super 17” and Mono-crystalline “Perfect 18”
- SOC launched mass production with designed annual capacity of 50MW

2009

- 1st listed on TSE Main Board in 2009 (2009/1/12)
- Launched two high efficiency products “Super cell” and “Perfect cell”
- Ranked world 20th largest cell manufacturer (Photon 2009)
- Ranked 6th Fast-Growing Technology Company in Asia (Deloitte 2009)
- Ranked top 3 Best Growth Manufacturer (Common Wealth 2009)

2008

- Taiwan 3rd largest cell maker
- Revenues topped at NT\$10.18 billion (US\$336 mil.)
- Ranked top 5 in revenue growth, top 6 in profit growth (Business Today 2008)

2007

- Broke ground for FAB 2 & HQ in Hsinchu, Taiwan
- Best 2007 ROE (33.74%) & ROA (22.08%) among Taiwan listed peers

2006

- 1st line at FAB 1 reached 100% utilization
- Break-even achieved in the same year just two years into operations

2005

- Company founded



Strategically Positioned in Supply Chain

Poly-silicon

Wafer

Solar Cell

Module

System



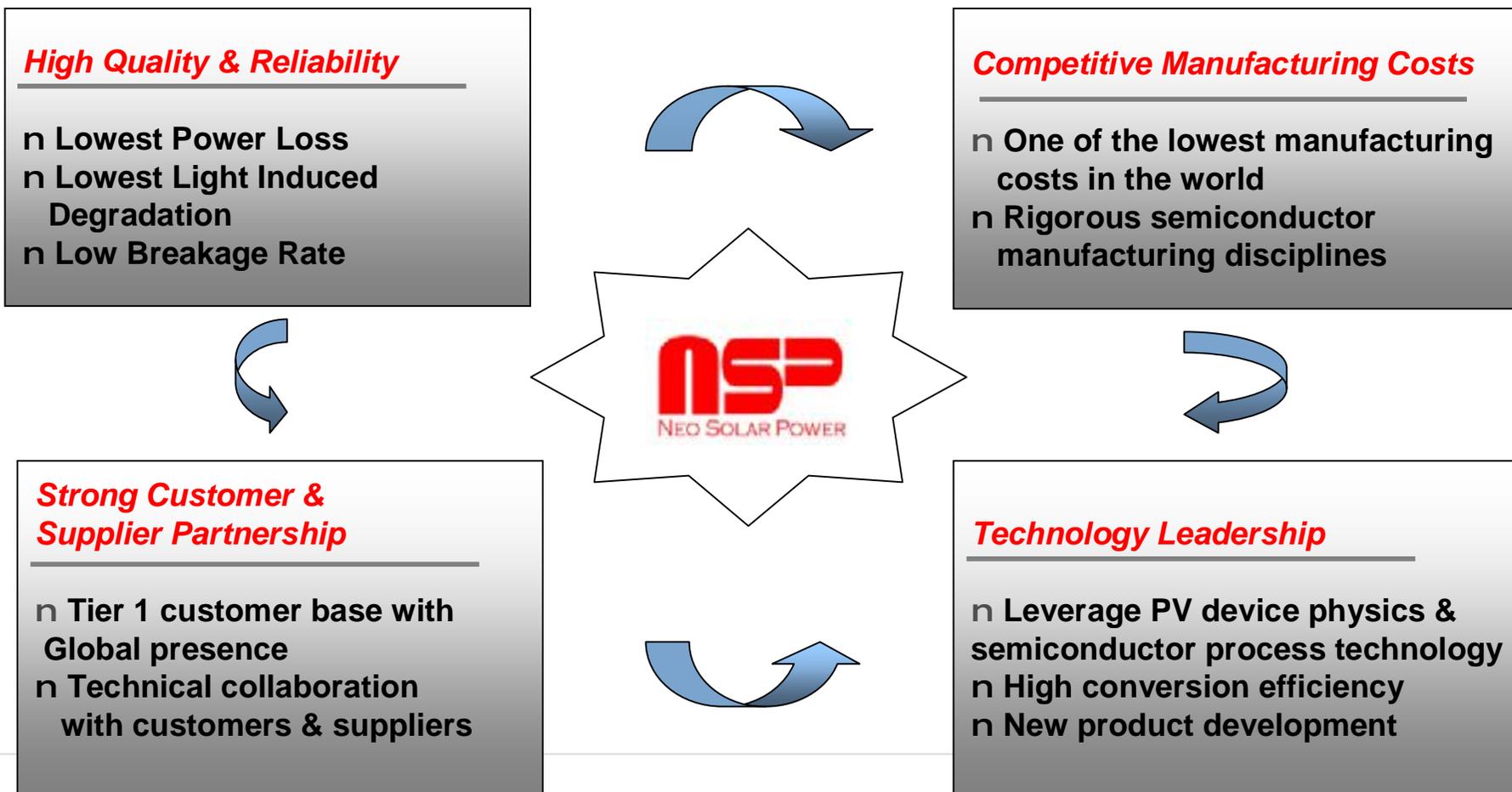
NSP
NEO SOLAR POWER
800MW

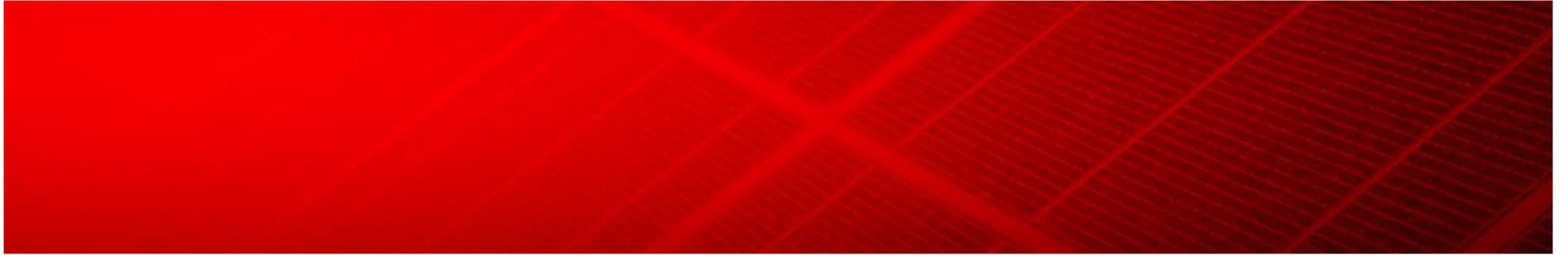
SOC 永晴光電
SUNNY OPTRONICS CORP.
50MW

- n NSP is well positioned in supply chain with superior process management and quality control
- n NSP's management has years of experiences in semiconductor and solar industries with technical expertise that covers all disciplines of the PV industry
- n NSP is well recognized by worldwide customers in terms of the high quality products, significant expansion plan, and fast growing revenue

* Numbers shown under the graph are annual capacities to the end of 2010.

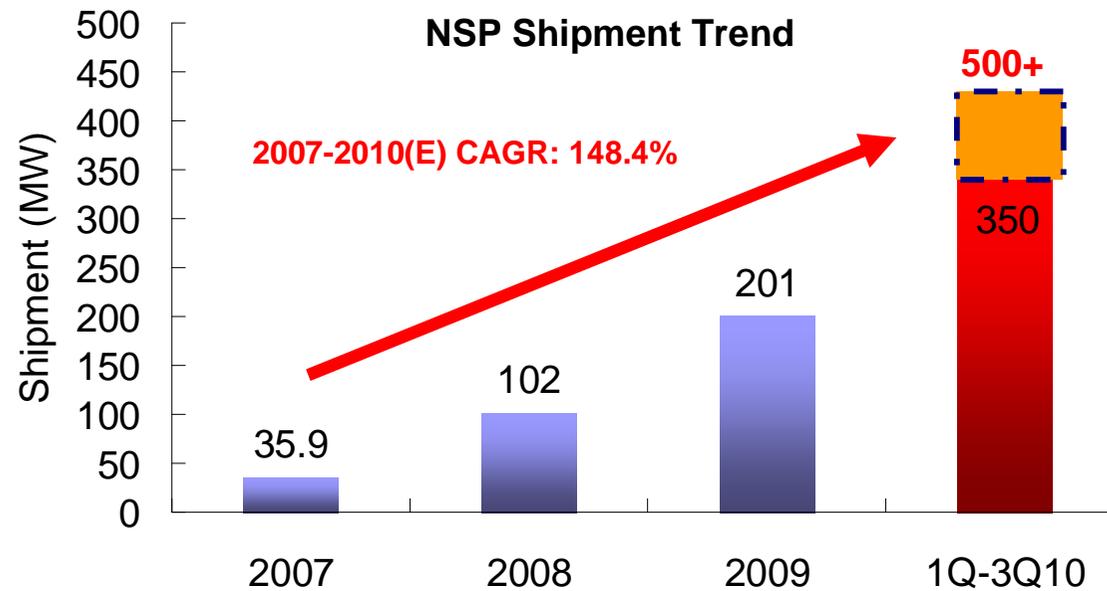
NSP's Competitive Advantages





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- | Company and Business Overview
 - | **Operation Highlights**
 - | Financial Performance

Outstanding Shipment Trend



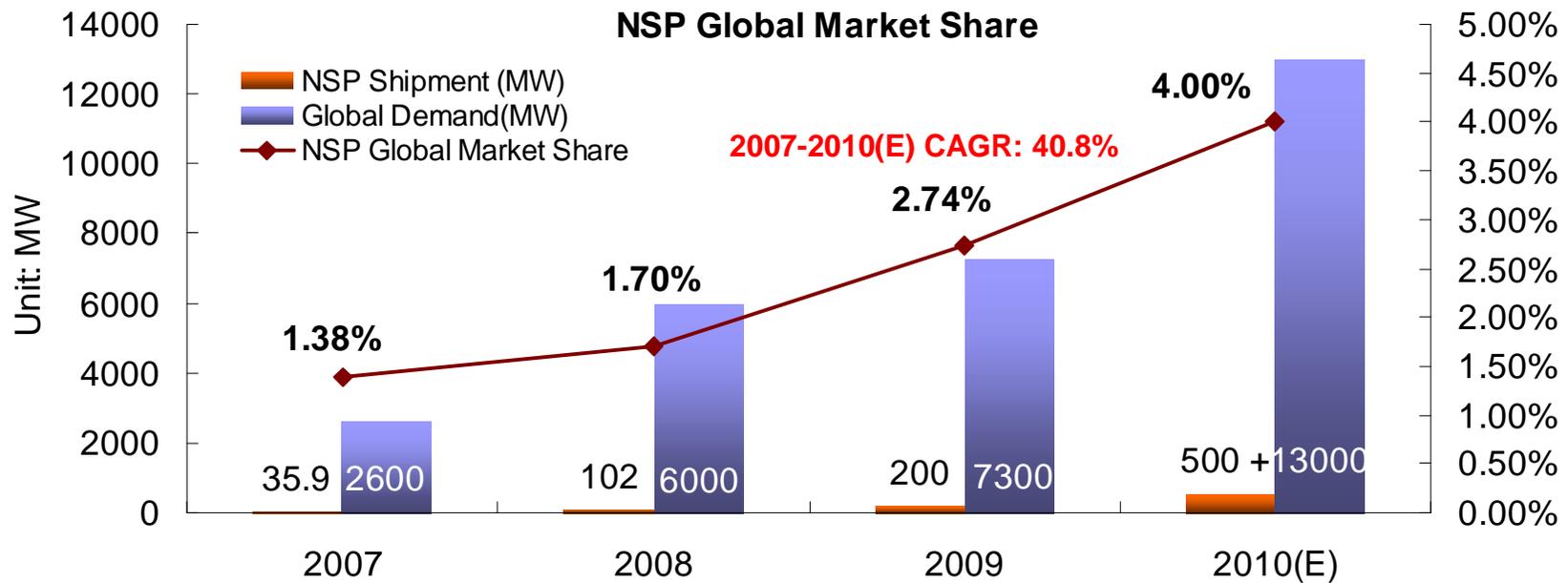
	2008	2009	2010(E)
NSP Shipment Growth (YoY)	184%	96%	150%
Global Market Demand Growth (YoY)*	131%	22%	78%

* Source: EPIA

n NSP maintains a high shipment growth and consistently outpaces the global market growth by over 100% since 2009

n Cell shipment targeted at over 500MW for 2010

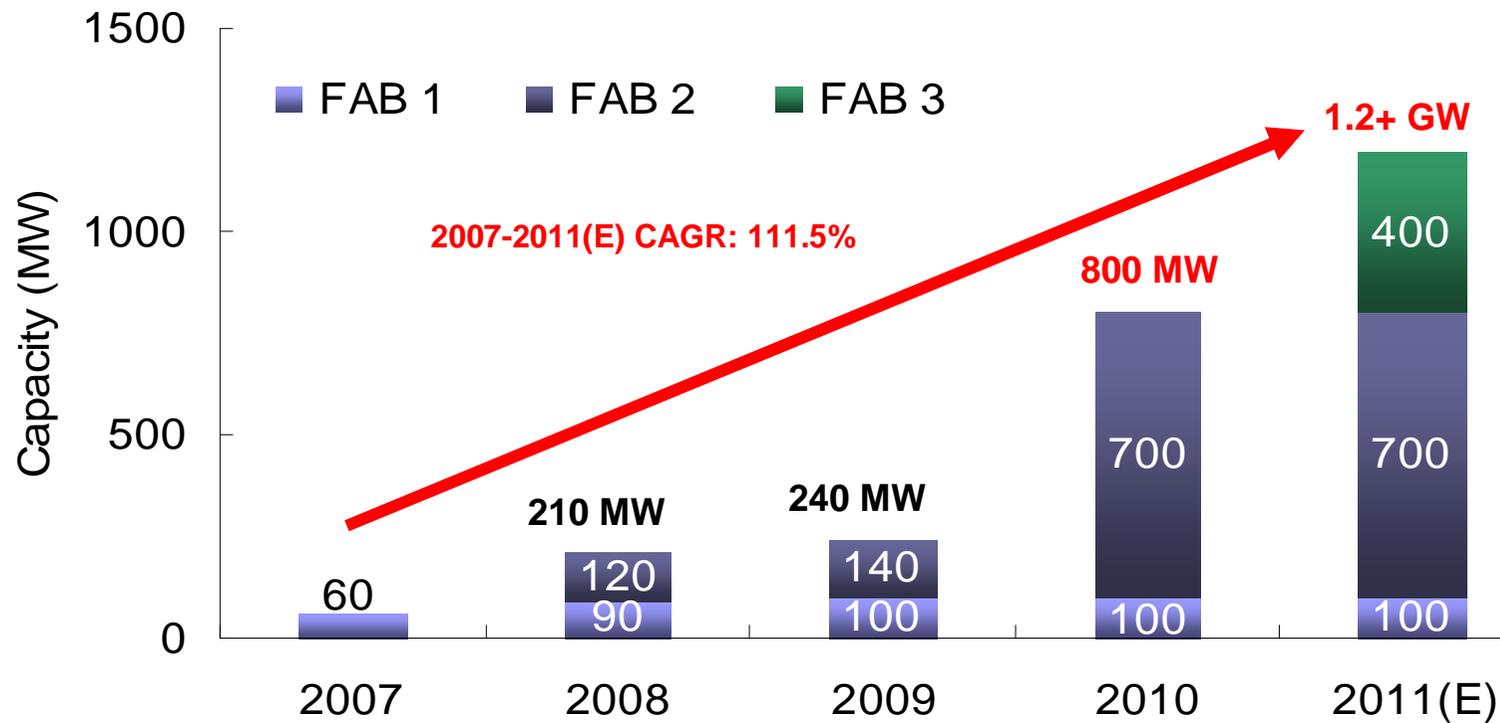
Expanding Global Market Share



* Source: EPIA

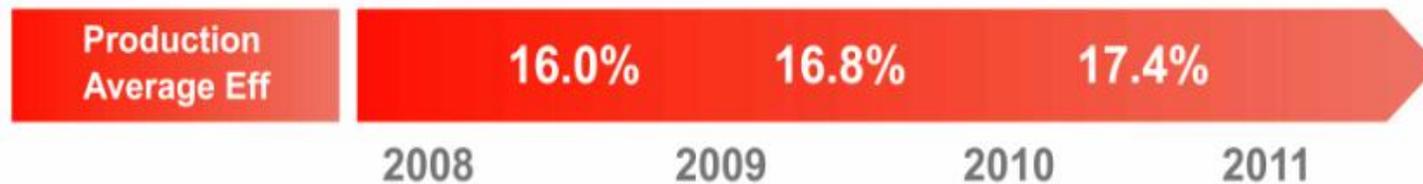
Increasing production output and expanding customer base resulted in greater market share

Aggressive Capacity Expansion



NSP Technology Roadmap

6" Multi-crystalline Cell



6" Mono-crystalline Cell



- n Leveraging PV devices & semiconductor processes to create technology differentiation and competitiveness on cost & quality
- n Current Patent status: 9 granted and 12 pending

Technology Development Strategy



- n **Continuous cell efficiency improvement**
- n **Process optimization**
- n **New technology & material development**
- n **Reliability as centerpiece**
- n **Drive for grid parity**

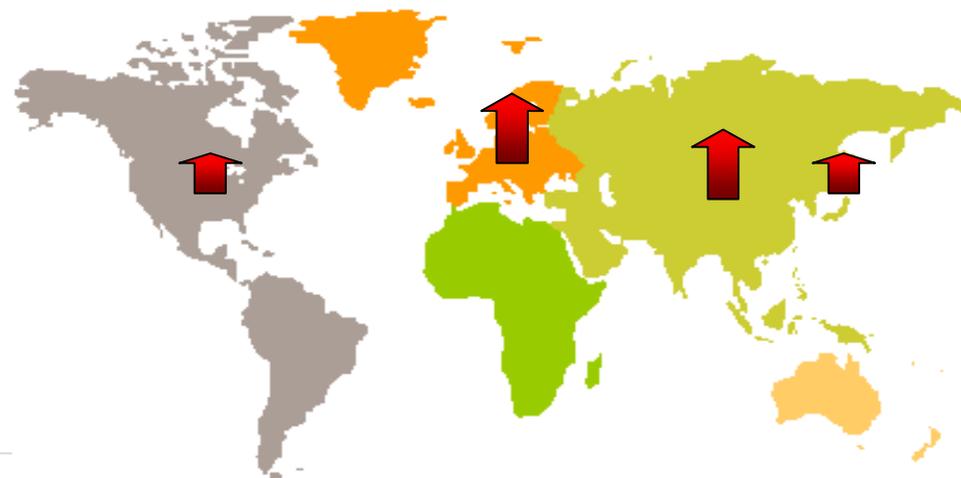
Environment, Safety & Health

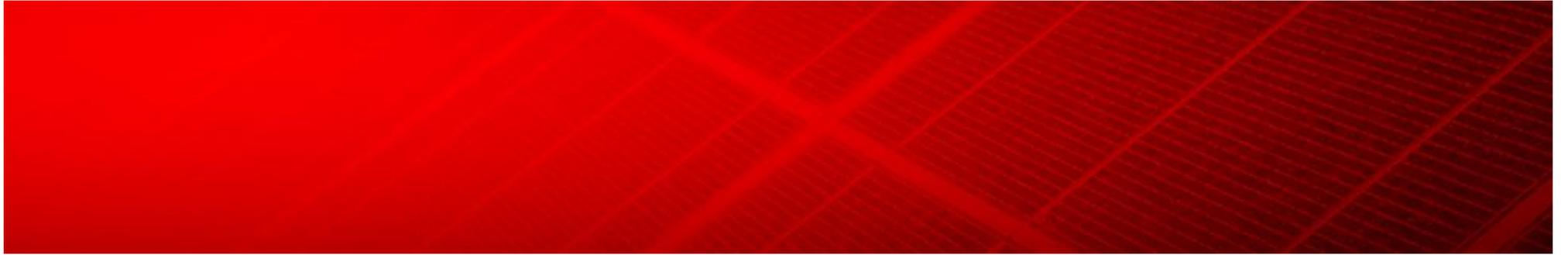
- n Excellent safety record**
- n ISO 9001, 14001, OHSAS 18001 certified by TUV**
- n All products RoHS compliant**
- n Greenhouse gas emissions verification (on-going)**
- n Product carbon footprint verification (on-going)**



NSP Market Strategy

- n Strengthen NSP brand of high quality and superior performance**
- n Continue to expand customer base in Europe and Asia**
- n Scale up the business in North America and Japan**
- n Manage a balanced global presence by partnering with leading PV powerhouses**
- n Identify and cultivate new stars**





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- | Company and Business Overview
 - | Operation Highlights
 - | **Financial Performance**

Highlights for 1Q-3Q10

Strong Revenue Growth

- 3Q10 revenues up 31% from 2Q10, up 88% YOY
- 1Q-3Q10 revenues NT\$13.36 billion (US\$440 Mil.), up 92% YOY
- Monthly revenues consecutively achieve record highs since April

Outstanding Profit and Gross Margin

- Gross margin of 22.8% for 3Q10, up from 17.4% in 2Q10
- Net income of NT\$1.96 billion (US\$65 mil.) for 1Q-3Q10, up from NT\$699 million (US\$23 mil.) loss in 1Q-3Q09
- EPS of NT\$8.95 for 1Q-3Q10, a close second among Taiwan-based cell makers

Solid Financial structure

- Debt to asset ratio 36.97% in 1Q-3Q10, lower from 52.68% in 1H10
- Cash and cash equivalent NT\$6.9 billion (US\$227 mil.) for 1Q-3Q10, up from NT\$3.1 billion (US\$102 mil.) in 1H10
- Operating cash flow NT\$1.18 billion (US\$39 mil.) in 3Q10, totaled NT\$1.94 billion (US\$ 65 mil.) for 1Q-3Q10

\$1 USD=\$30.33 NTD as of Nov. 17, 2010

Income Statements

NTD\$ Million	2007	2008	2009	1Q-3Q09	1Q-3Q10
Revenue, Net	3,662	10,176	10,301	6,954	13,362
Gross Income (Loss)	587	839	28	-447	2,577
Operating Income (Loss)	504	524	-268	-659	1,968
Net Profits (Loss)	548	831	-1139	-699	1,956
EPS (NT\$/shares)	5.98	5.52	-5.99	-3.82	8.95

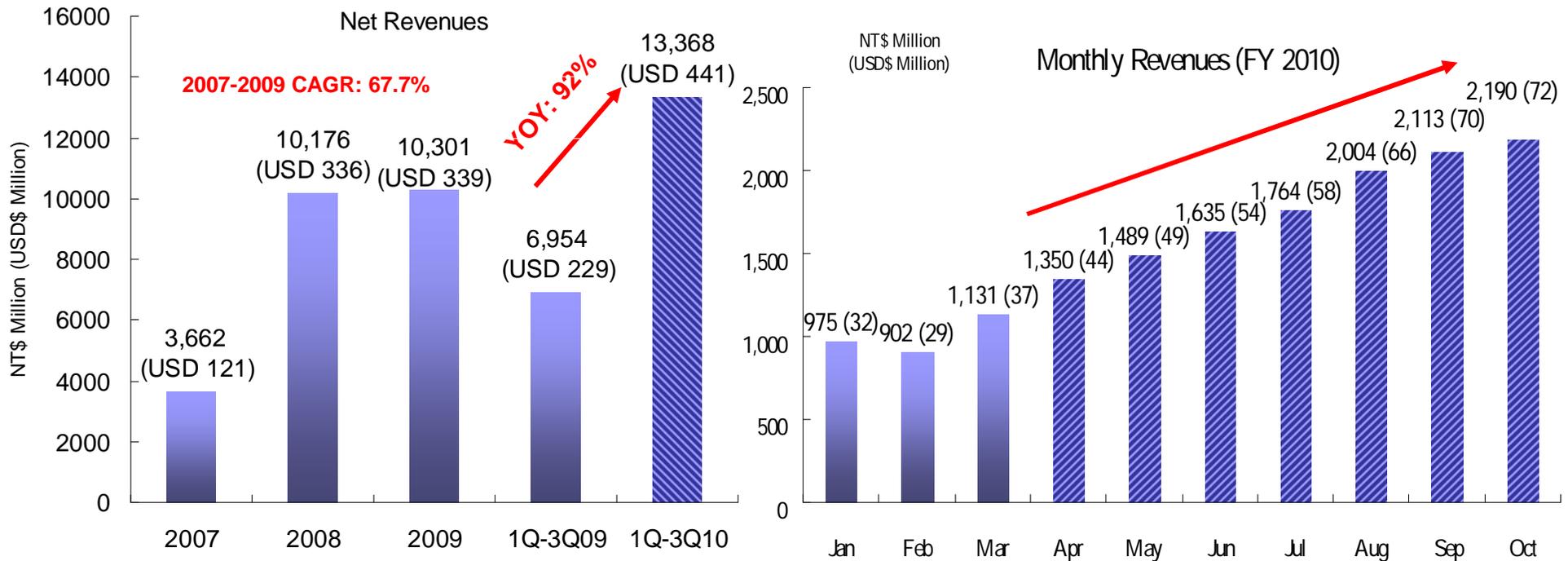
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Balance Sheet Summary

NTD\$ Million	2007	2008	2009	1Q10	2Q10	3Q10
Cash & Cash Equivalent	596	1,149	3,995	3,870	3,440	6,942
Current Assets	2,239	5,902	6,119	6,707	7,282	11,477
Total Assets	4,086	10,964	11,698	12,770	15,030	19,944
Current Liabilities	1,454	1,706	2,741	3,403	4,718	6,300
Total Liabilities	1,454	5,458	6,000	6,773	7,966	7,373
Total Shareholders' Equity	2,632	5,507	5,683	5,978	7,064	12,571

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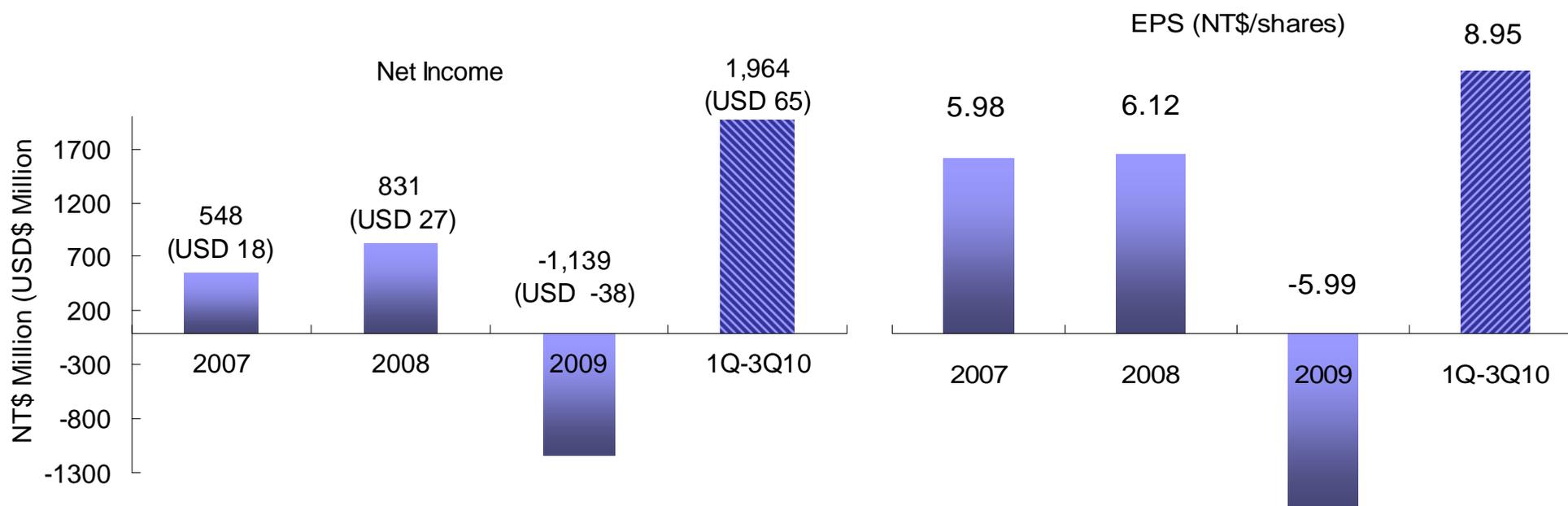
Revenues Trend



Monthly revenues continue to hit historical high since April 2010

\$1 USD=\$30.33 NTD as of Nov. 17, 2010

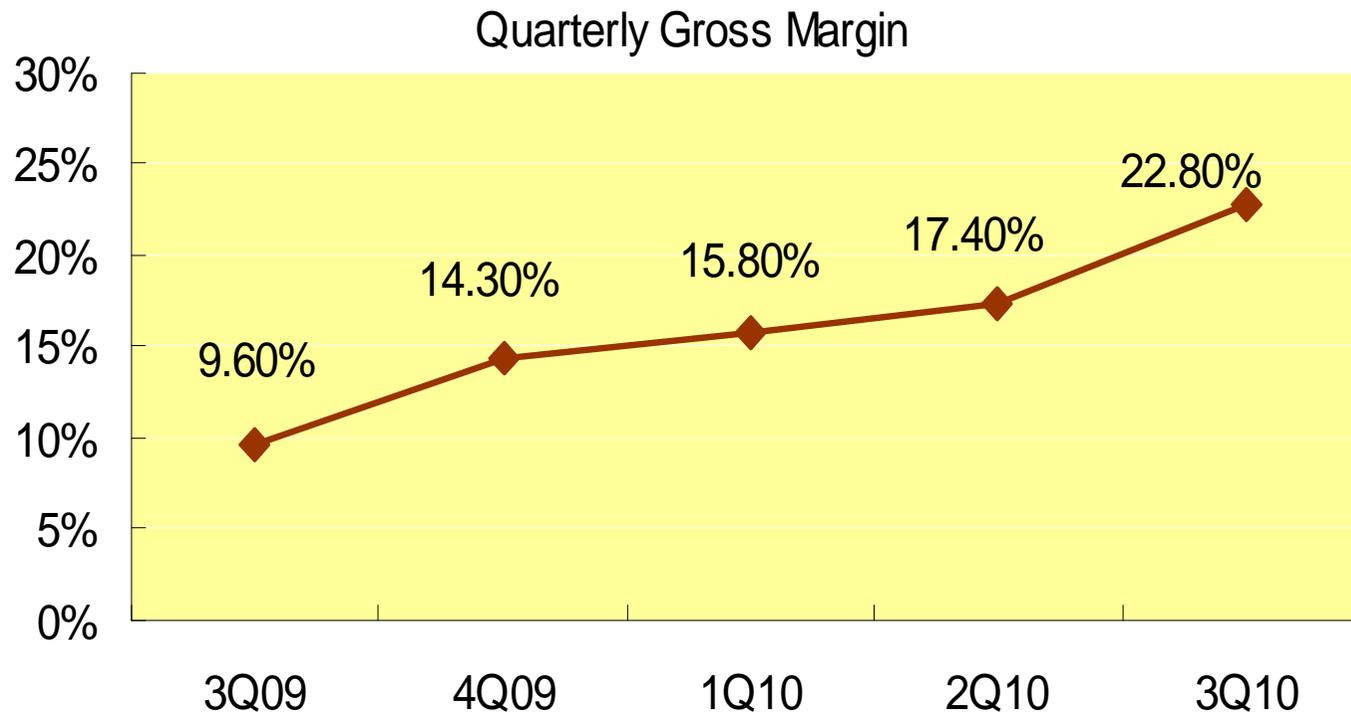
Profit and EPS Trend



n NSP reported an impressive EPS of NT\$8.95 for 1Q-3Q10, a close second among Taiwan-based cell manufacturers

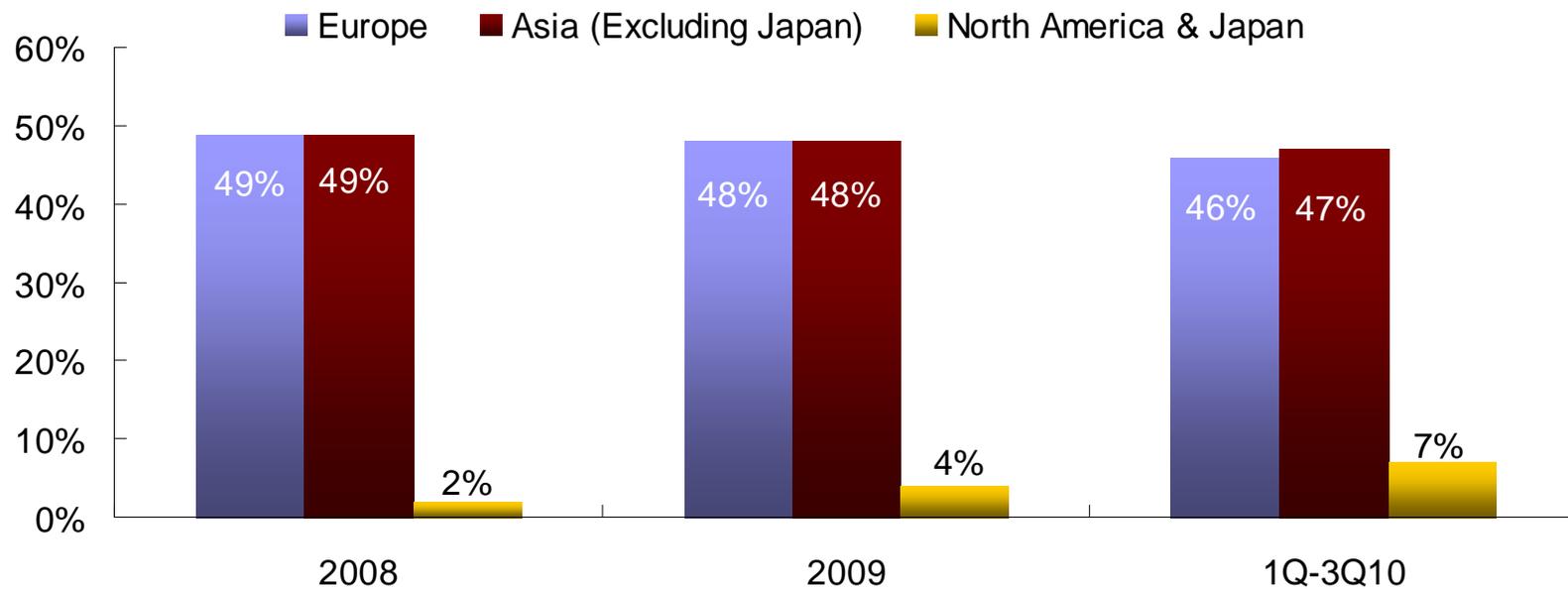
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Quarterly Margin Trend



Steady growth in gross margin was attributed to the expanding economies of scale and high efficiency cells

Revenues by Region



- n Very strong customer base in Europe and Asia
- n Secured major customers in North America and Japan in 2010
- n Global presence with calculated regional participation

Financial Ratio

Items	FY 2009	1Q-3Q10
Cash & Cash Equivalent	NT\$4.1 billion	NT\$6.9 billion
Shareholders' Equity	NT\$5.7 billion	NT\$12.6 billion
Debt to Asset Ratio	47.42%	36.97%
ROA	-8.40%	9.81%
ROE	-20.36%	15.56%

- n NSP has strong cash position of NT\$6.9 billion (US\$227mil.) up to the end of 3Q10, top among Taiwan-based cell manufacturers
- n NSP continues to grow with solid financial structure while maintaining relatively low debt ratio and upholding highest cash position

\$1 USD=\$30.33 NTD as of Nov. 17, 2010

Investment Highlights

- n World-class solar cells with high performance and high quality**
- n First solar cell manufacturer in Taiwan that applies semiconductor management to solar industry**
- n Comprehensive technical expertise including silicon materials, wafers, solar cells, device designs and modules to continually drive down costs**
- n Proprietary process technology backed by strong research and development capability**
- n Superior conversion efficiency and economies of scale help NSP to become one of the lowest cost cell makers in the world**
- n Exceptional growth history and considerable potential in sales and profit**
- n Name brand recognition by worldwide customers**
- n Solid financial structure with low debt ratio and strong cash position**
- n Experienced management team from the semiconductor industry**

Top Line Guidance

- n **1Q-3Q total shipment is 350MW, 180% increase from same period in 2009**

- n **Shipment & Capacity**
 - n **2010 expected shipment: over 500MW**

 - n **2010 expansion : added 560MW in Fab 2**
 - | **Total Capex: NT\$4.1 billion (US\$135 mil.)**

 - n **2011 expansion : to add 400MW in Fab 3**
 - | **Total Capex: NT\$5.0 billion (US\$165 mil.)**

\$1 USD=\$30.33 NTD as of Nov. 17, 2010

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– Quantum Leap to Gigawatt –

Thank You

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