



**Solargiga Energy**

# Solargiga Energy Holdings Limited 陽光能源控股有限公司

## 2010 Interim Results

24 August 2010

HKEx Stock Code: 757.HK  
TSE TDR Code: 9157.TT

Shine Across  
**THE CLEAR BLUE SKY**

翱翔藍天 播種燦爛陽光



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# Agenda



**1 Financial Performance**

**2 Business Review**

**3 Future Plans and Strategies**

**4 Open Forum**





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# Financial Performance

# Results Highlight



## ● Turned loss into profit

- Stable raw material cost
- Increase in market demand, stable product ASP

(RMB million)	1H 2010	1H 2009	Change
<b>Revenue</b>	<b>796.4</b>	303.7	<b>162.2%</b>
<b>Reported Gross Profit/(Loss)</b>	<b>95.2</b>	(85.6)	<b>N/A</b>
<b>Profit/(Loss) from Operations</b>	<b>60.9</b>	(143.0)	<b>N/A</b>
<b>Profit/(Loss) attributable to Equity Shareholders of the Company</b>	<b>41.1</b>	(119.7)	<b>N/A</b>
<b>Basic EPS (RMB cents)</b>	<b>2.28</b>	(7.07)	<b>N/A</b>

# Turnover – By Business

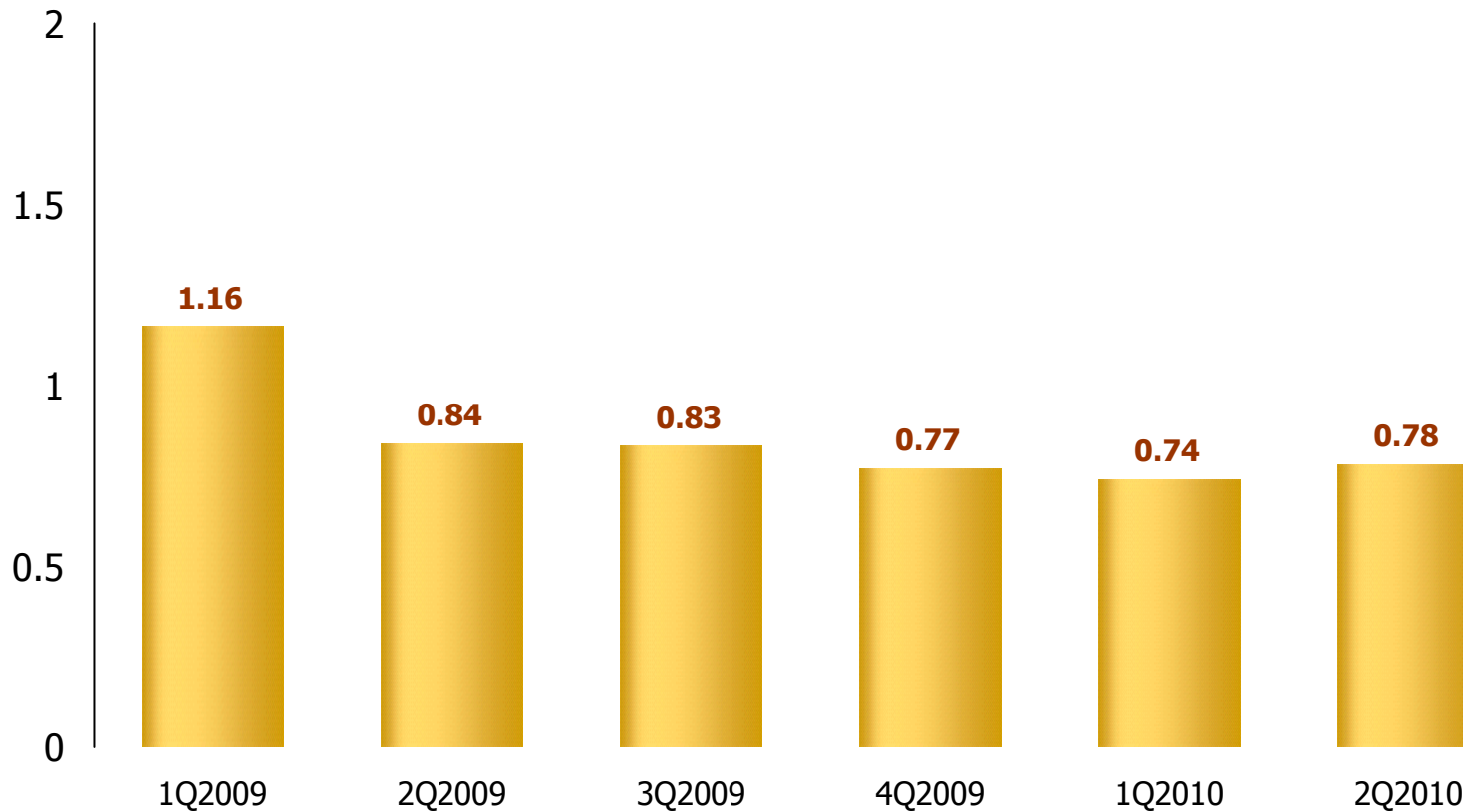


(RMB million)	1Q 2009	2Q 2009	3Q 2009	4Q 2009	1Q 2010	2Q 2010
Processing – Ingot	13.0	0.2	4.2	1.0	5.7	4.9
Processing – Wafer	-	-	0.1	5.5	0.1	10.7
Self Manufacturing - Ingot	12.0	4.7	0.8	18.3	56.6	90.3
Self Manufacturing - Wafer	134.7	117.6	156.1	151.2	247.1	274.9
Self Manufacturing - Module	-	-	-	0.8	19.2	56.8
Reclaiming and others	16.6	4.9	7.7	9.3	5.8	24.3
Total	176.3	127.4	168.9	186.1	334.5	461.9

# Self Manufacturing Wafer ASP



USD per watt



USD  
exchange rate

6.83

6.83

6.83

6.82

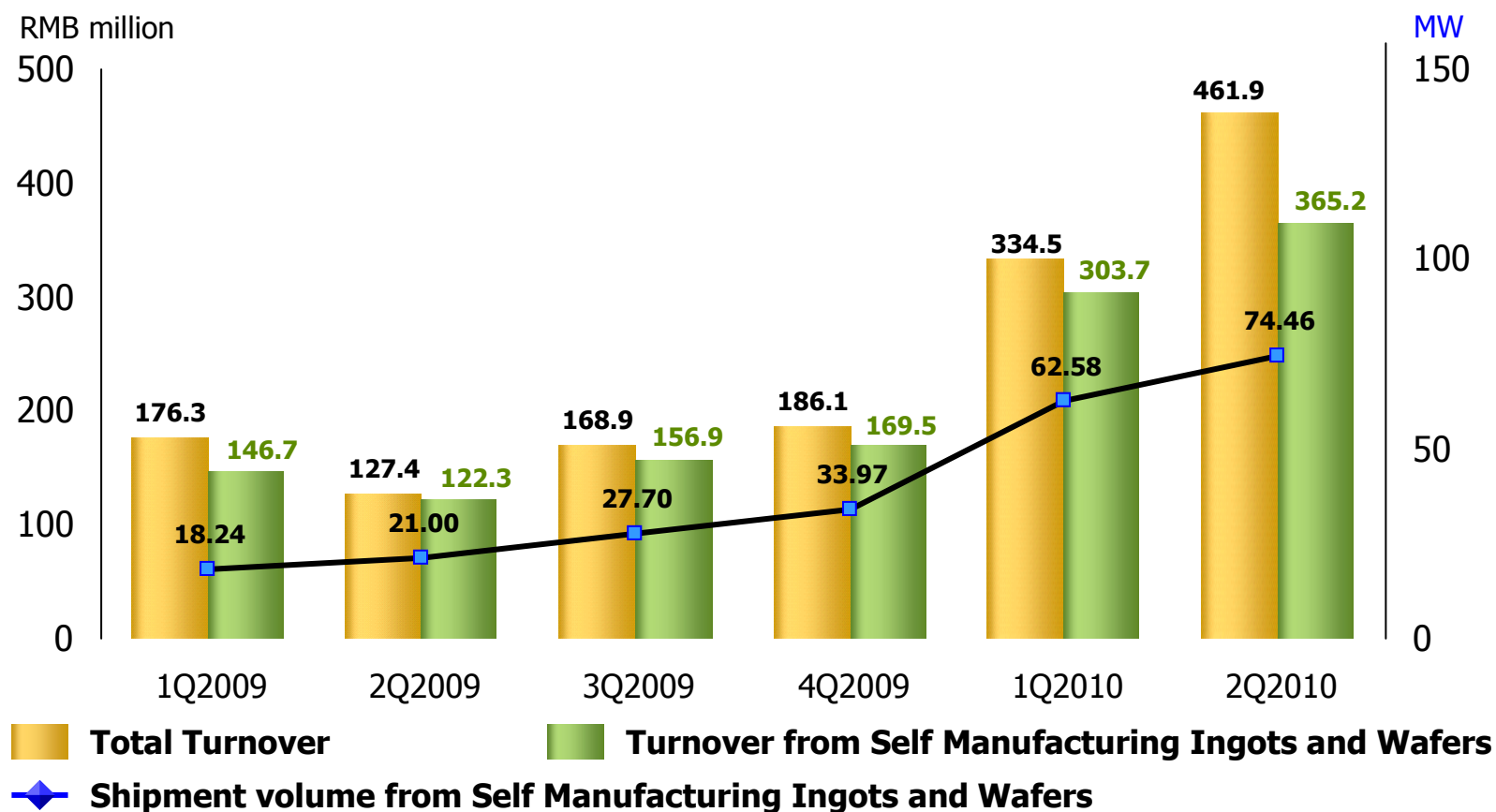
6.82

6.79

# Turnover and Shipments



- Continuous increase in shipment volume of self manufacturing products
- Supply of our products were not enough to meet the significantly increased customers' demand

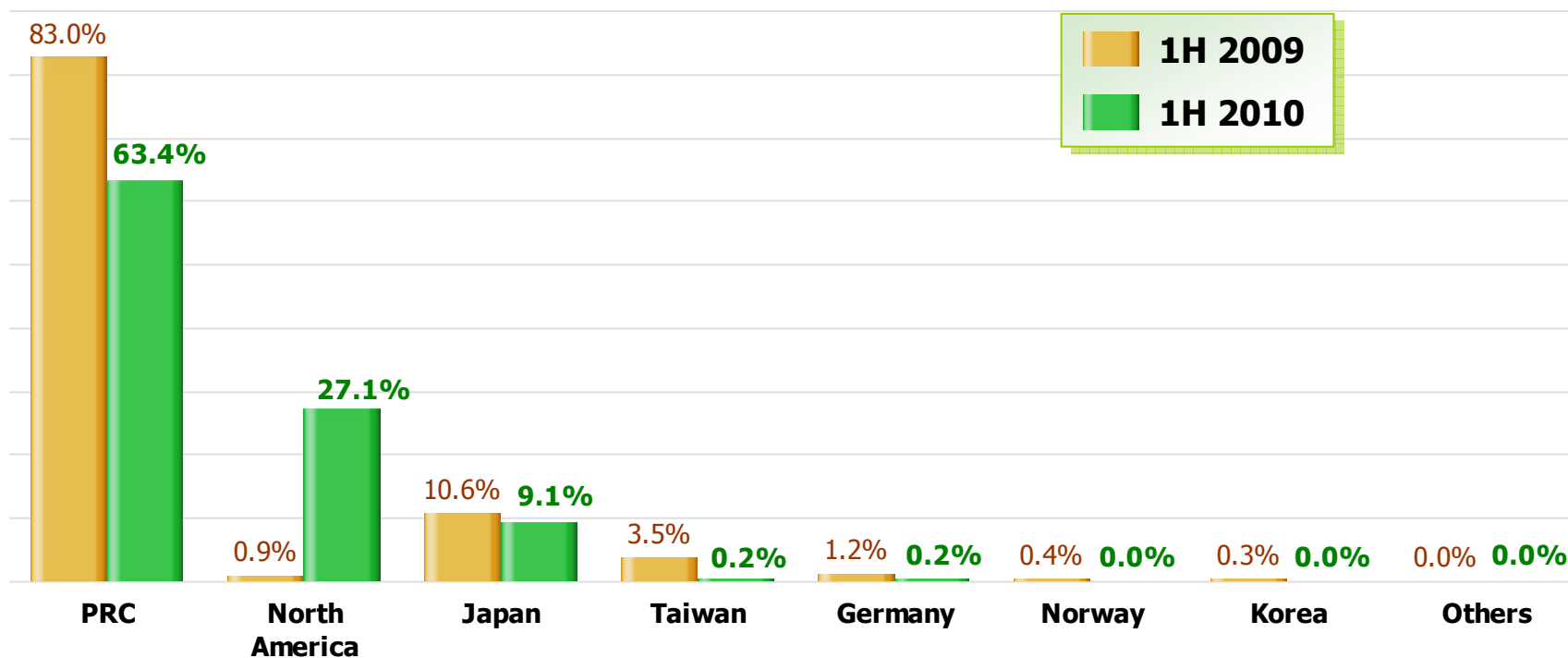




# Turnover – By Geography



## Expansion in Overseas Market



# Key Financial Figures



	30 June 2010	31 December 2009	Change
<b>Debt to Equity Ratio</b> (net debt/equity)	<b>4.9%</b>	5.9%	<b>- 1pp</b>
<b>Current Ratio</b> ( <i>Times</i> )	<b>1.8</b>	2.3	<b>- 0.5</b>
<b>Cash &amp; Bank Balances</b> ( <i>RMB million</i> )	<b>378.0</b>	280.3	<b>+ 34.9%</b>
<b>Net Assets</b> ( <i>RMB million</i> )	<b>1,448.9</b>	1,407.3	<b>+ 3.0%</b>
<b>Inventory Turnover</b> ( <i>Days</i> )	<b>129</b>	230	<b>- 101</b>
<b>Trade Receivables Turnover</b> ( <i>Days</i> )	<b>50</b>	77	<b>- 27</b>
<b>Trade Payable Turnover</b> ( <i>Days</i> )	<b>48</b>	61	<b>- 13</b>



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# Business Review



# Market Overview



## Market Rebound in 1H 2010

- The global demand for the photovoltaic industry rose steadily in 1H2010 after the financial crisis

## United States



- Launched a series of measures to promote clean energy, including the approval of the Ten Million Solar Roofs Act

## Europe



- Total of 11 countries and international organisations from Europe joined the Mediterranean Solar Plan Conference (MSP) to commit cooperation of solar energy industry development

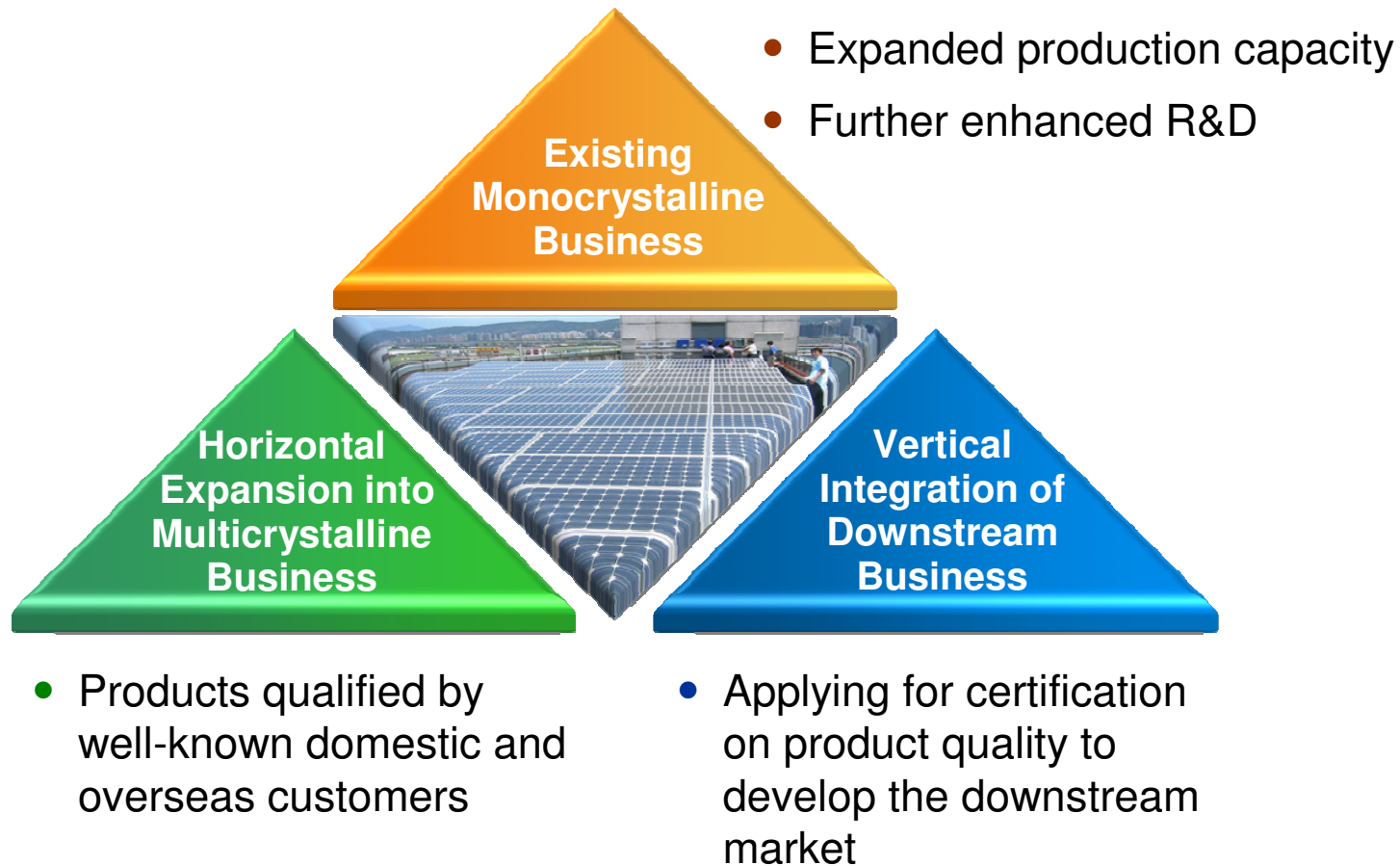
## China



- Tender of the Northwestern China BIPV pilot project of 280MW in aggregate
- China Renewable Energy Society Solar PV Committee expects solar power generation systems to increase by at least 500MW in 2010



# Expanded Product Range



# Expanded Production Capacity



**Expanded production capacity to fulfill excess demand from customers**



<b>Recycled polysilicon with upgraded facilities</b>	<b>4,200 tonnes</b>
<b>Annual capacity of ingots</b>	<b>350 MW</b>
<b>Annual capacity of wafers</b>	<b>210 MW</b>
<b>Annual capacity of modules</b>	<b>50 MW</b>

Number of Ingot Pullers: 197



Number of Casting furnaces: 4



Number of Wiresaws: 43



# Enhanced R&D Technology



- 200 new monocrystalline ingot pullers of model no. 970 co-developed with equipment supplier:
  - For the production of 8 inch and 8.7 inch monocrystalline silicon solar ingots, which in turn can produce small-angled and right-angled wafers of 156mm x 156mm after slicing
- Further enhanced wafer slicing technology:
  - To produce monocrystalline silicon solar wafers of 150 $\mu$ m to 180 $\mu$ m in thickness in accordance to customers' needs
- Successfully developed wafers for the production of solar cells with higher conversion efficiency, which can be used for the production of modules of higher wattage output



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# Future Plans and Strategies





# Worldwide Supporting Policies



## China

- The National Energy Board is drafting a new energy development plan base on the launch of “The Renewable Energy Law (可再生能源法)”, targeted to increase the proportion of non-fossil energy to account for 15% of total power supply in 2020
- Established “Scope of Application Technology for the Construction of Domestic Solar Energy Photovoltaic System”(民用建築太陽能光伏系統應用技術規範) and planed to standardize the use of photovoltaic system in the construction of new, expanded and the reconstruction of civil building to provide energy for domestic use

## United States

- US government targets to increase renewable energy to account for 10% of total power consumption by 2010 which will be increased to 25% by 2025
- Passed the “Ten Million Solar Roofs Act” pursuant to which USD250 million will be invested in 2012 and USD500 million will be invested every year from 2013 to 2021

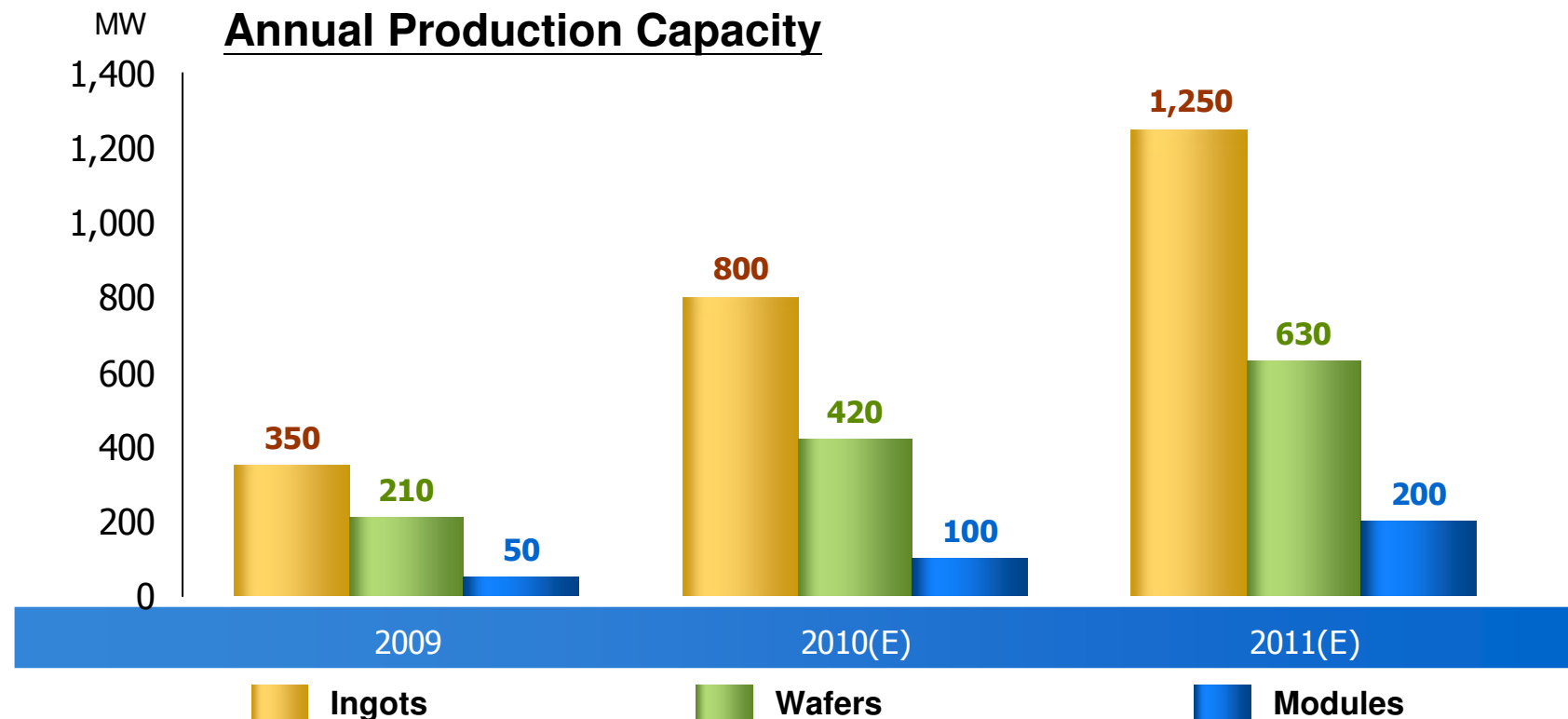
## Europe

- EU will adopt EPBD in 2012 for all new constructions to achieve “close to zero” carbon dioxide emissions

# Expand Production Capacity



- Complete the construction of new production plant in Jinzhou which can accommodate 200 monocrystalline silicon ingot pullers, 40 wiresaws and module production lines of 100MW in 2010



# Acquired 51% Interest in Qinghai Chenguang



- Cooperates with the Xining Economic & Technology Development Zone Administration Committee
- Expected total investment is RMB 300 million
- Intends to build a 200 kW photovoltaic pilot power plant

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**Annual production capacity of monocrystalline silicon solar ingots**

Phase 1: 1,000 tonnes  
Phase 2: 1,000 tonnes

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**Total monocrystalline silicon solar ingots pullers**

Phase 1: 96  
Phase 2: 96

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**Completion date**

Phase 1: Mid-2011  
Phase 2: Mid-2013

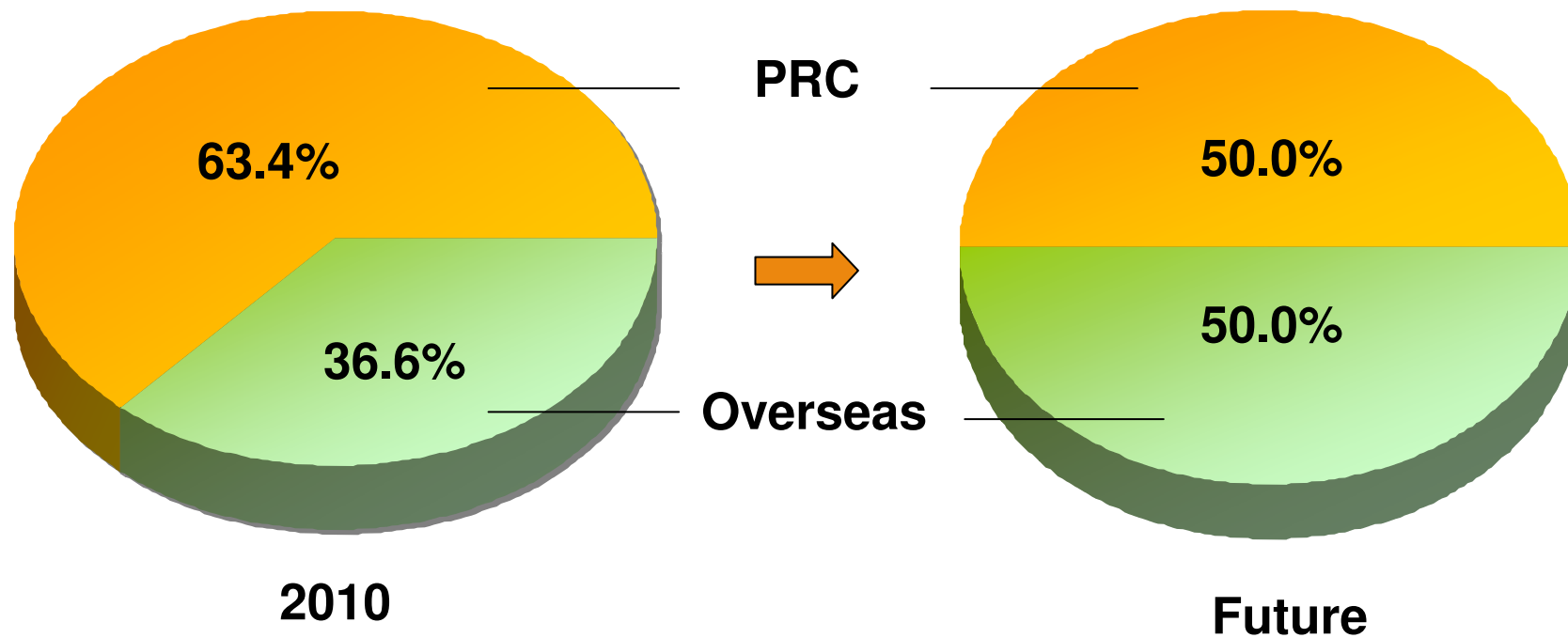
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# Expansion in Overseas Markets



**Further developing markets with enormous potential  
such as the United States and Japan**



*For the six months ended 30 June 2010*





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# Open Forum

