

Global Photovoltaic Market Forecast to 2013

<https://marketpublishers.com/r/G5A01380F32EN.html>

Date: May 2011

Pages: 120

Price: US\$ 1,400.00 (Single User License)

ID: G5A01380F32EN

Abstracts

Single User PDF Format: US\$ 1,400.00

Multi-User License: US\$ 1,800.00

Hard Copy: US\$ 1,600.00

CD-ROM: US\$ 1,600.00

The dependence on fossil fuels and the associated volatility of their international prices, coupled with increasing concerns over the greenhouse gas emissions worldwide, has led to the evolution of the concept of renewable energy during the past few years. The industry has qualified as the most feasible solutions and has been increasingly gaining considerable attention among industry players all around the world. With the growing demand for clean energy sources, the manufacturing and deployment of solar PV cells and photovoltaic arrays have dramatically expanded during the past few years, resulting in the augmented market competition and abolishment of monopoly.

According to our latest research report “Global Photovoltaic Market Forecast to 2013”, growth in the global PV industry has been triggered by favorable government policies and investments worth billions of dollars made in European countries, followed by Japan, and the US. Thus, Europe captured nearly 70% of the total annual installed PV capacity in 2010, with Germany and Spain leading the front.

The solar cell manufacturing is gaining significant momentum on the back of surging demand for PV systems installations around the world. Besides developments in the developed countries, some fast growing Asian economies have shown notable improvements in the overall PV industry progress.

Our research has inferred that, traditionally high deployment cost of PV cells had been the major hurdle for the development of the global PV industry. However, with rapid technological developments in the PV industry and government initiatives, PV production cost has considerably declined. Now, the developing countries are also

actively participating in the deployment of this technology and are considering it to reduce their dependency on fossil fuels.

The report focuses on the growing marketplace for PV industry at the global as well as the country level and analyzes the current market trends along with future growth prospects of the industry. It contains detail data on cumulative installed PV capacity, annual installed PV capacity, and the future market potential of the key countries, thereby helping clients in identifying factors critical to their successful market penetration and gain early entry advantages. Besides, the report analyzes the current prevailing trend in the market, which will further help the experts to decide the growth rate in the coming years.

Contents

1. ANALYST VIEW

2. PV INDUSTRY - BASICS

2.1 Cells and Modules

2.2 Types of System

3. GLOBAL PV INDUSTRY PERFORMANCE AND FUTURE OUTLOOK

3.1 Demand - Market and Applications

3.2 Supply - Market and Manufacturers

3.3 Regional Segmentation

3.4 Future Scenario - 2014

4. PV INDUSTRY - BY COUNTRY

4.1 Asia-Pacific

4.1.1 Japan

4.1.2 South Korea

4.1.3 Australia

4.1.4 China

4.1.5 India

4.1.6 Malaysia

4.1.7 Bangladesh

4.2 Americas

4.2.1 US

4.2.2 Canada

4.2.3 Mexico

4.3 Europe

4.3.1 Germany

4.3.2 Netherlands

4.3.3 Spain

4.3.4 Italy

4.3.5 France

4.3.6 UK

4.3.7 Austria

4.3.8 Denmark

4.3.9 Sweden

4.3.10 Switzerland

5. PV COST ANALYSIS

6. KEY INDUSTRY TRENDS

6.1 Reduction in CO2 Emission

6.2 Growing Concern for Organic Photovoltaic

6.3 Rapid Momentum in Multicrystalline Silicon modules

6.4 Nano-crystal PV Cells - Focus of Research

6.5 Thin Film Market

7. ROADBLOCKS

7.1 Silicon Supply

7.2 Lack of Information

List Of Figures

LIST OF FIGURES:

Figure 2-1: PV System - Life Cycle

Figure 3-1: Global - Annual PV Installed Capacity (GW), 2008-2010

Figure 3-2: Global - Cumulative PV Installed Capacity (GW), 2008-2010

Figure 3-3: Global - Annual PV Installation by Application (%), 2007, 2010, 2020 & 2030

Figure 3-4: Global - Solar Cell Production (GW), 2009 & 2010

Figure 3-5: Global - Solar Cell Market by Technology (%), 2010

Figure 3-6: Global - Solar Cell Production by Region (%), 2010

Figure 3-7: Global - Share of Leading Producers in PV Cell Production (2010)

Figure 3-8: Global - Annual PV Installed Capacity by Region (%), 2010

Figure 3-9: Global - Cumulative PV Installed Capacity by Region (%), 2010

Figure 3-10: Global - Forecast for Annual PV Installed Capacity (GW), 2011-2014

Figure 4-1: Japan - Breakup of New PV Installed Capacity (%), FY 2010

Figure 4-2: Japan - Cumulative PV Installed Capacity (GW), 2008-2010

Figure 4-3: Japan - Annual PV Installed Capacity (MW), 2008-2010

Figure 4-4: Japan - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-5: Japan - Solar Cell Shipment (MW), 2007-2009

Figure 4-6: Japan - Forecast for Annual PV Installed Capacity (MW), 2011-2014

Figure 4-7: South Korea - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-8: South Korea - Annual PV Installed Capacity (MW), 2008-2010

Figure 4-9: South Korea - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-10: South Korea - Forecast for Annual PV Installed Capacity (MW), 2011-2014

Figure 4-11: Australia - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-12: Australia - Annual PV Installed Capacity (MW), 2008-2010

Figure 4-13: Australia - Breakup of Cumulative PV Installed Capacity by State (%), 2010

Figure 4-14: Australia - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-15: Australia - Forecast for Annual PV Installed Capacity (MW), 2011-2014

Figure 4-16: China - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-17: China - Annual PV Installed Capacity (MW), 2008-2010

Figure 4-18: China - Forecast for Annual PV Installed Capacity (MW), 2011-2014

Figure 4-19: India - Annual PV Installed Capacity (MW), 2008-2010

Figure 4-20: India - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-21: Malaysia - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-22: Malaysia - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-23: US - Cumulative PV Installed Capacity (GW), 2008-2010

Figure 4-24: US - Annual PV Installed Capacity (GW), 2008-2010

Figure 4-25: US - Photovoltaic Cell and Module Shipments ('000 Units), 2008 & 2009

Figure 4-26: US - Forecast for Annual PV Installed Capacity (GW), 2011-2014

Figure 4-27: Canada - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-28: Canada - Annual PV Installed Capacity (MW), 2008-2010

Figure 4-29: Canada - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-30: Mexico - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-31: Mexico - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-32: Germany - Cumulative Grid Connected PV Installed Capacity (GWp), 2008-2010

Figure 4-33: Germany - Annual Grid Connected PV Installed Capacity (GWp), 2008-2010

Figure 4-34: Germany - PV Investment (Billion €), 2007-2009

Figure 4-35: Germany - PV R&D Investment (Million €), 2007 & 2008

Figure 4-36: Germany - BMU Funding for R&D Projects on PV (%)

Figure 4-37: Germany - Employment in PV Industry (Numbers), 2007-2009

Figure 4-38: Germany - Forecast for Annual Grid Connected PV Installed Capacity (GWp), 2011-2014

Figure 4-39: Netherlands - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-40: Netherlands - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-41: Spain - Cumulative PV Installed Capacity (GW), 2008-2010

Figure 4-42: Spain - Annual PV Installed Capacity (MW), 2008-2010

Figure 4-43: Spain - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-44: Spain - Forecast for Annual PV Installed Capacity (MW), 2011-2014

Figure 4-45: Italy - Cumulative PV Installed Capacity (GW), 2008-2010

Figure 4-46: Italy - Annual PV Installed Capacity (GW), 2008-2010

Figure 4-47: Italy - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-48: Italy - Forecast for Annual PV Installed Capacity (GW), 2011-2014

Figure 4-49: France - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-50: France - Annual PV Installed Capacity (MW), 2008-2010

Figure 4-51: France - Breakup of Cumulative PV Installed Capacity (%), 2008

Figure 4-52: UK - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-53: UK - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-54: Austria - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-55: Austria - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-56: Denmark - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-57: Denmark - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-58: Denmark - PV Industry Revenue (Million €), 2007 & 2008

Figure 4-59: Sweden - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-60: Sweden - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 4-61: Switzerland - Cumulative PV Installed Capacity (MW), 2008-2010

Figure 4-62: Switzerland - Cumulative Grid-connected PV Installed Capacity (MW), 2008 & 2009

Figure 4-63: Switzerland - Breakup of Cumulative PV Installed Capacity (%), 2009

Figure 6-1: Global - Share of Thin Film in PV Production Capacity (%), 2010-2013

List Of Tables

LIST OF TABLES:

Table 4-1: India - National Solar Mission at a Glance to 2022

Table 4-2: Bangladesh - Installation of SHS by Participating Organization

Table 4-3: Bangladesh - Installation of SHS by Major Division

Table 4-4: US - Domestic Shipments of Photovoltaic Cells and Modules by Sector (Peak Kilowatts), 2009

Table 4-5: US - Shipments of Photovoltaic Cells and Modules by Origin (Units), 2009

Table 4-6: Spain - PV Obligations in New Buildings

Table 5-1: Global - PV Generation Costs for Roof-top Systems at Different Locations (€/KWh), 2007, 2010, 2020 & 2030

Table 6-1: Global - CO2 Savings under the Solar Generation Scenarios (Mt), 2010-2013

I would like to order

Product name: Global Photovoltaic Market Forecast to 2013

Product link: <https://marketpublishers.com/r/G5A01380F32EN.html>

Price: US\$ 1,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G5A01380F32EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970