

# Statistic data on the German Solar power (photovoltaic) industry



In this fact sheet you will find a summary of current data from the German photovoltaic industry.

**Free film and photo material, images, press releases, solar-related information, etc.**

[www.solarwirtschaft.de/en](http://www.solarwirtschaft.de/en) (in English)

[www.solarwirtschaft.de/presse-mediathek](http://www.solarwirtschaft.de/presse-mediathek) (in German)

**Consumer information on technical and financing aspects of solar energy**

[www.solartechnikberater.de](http://www.solartechnikberater.de)

For economic aspects which are not primarily related to the practical application of solar technology, we recommend visiting our website [www.solarwirtschaft.de](http://www.solarwirtschaft.de)

**For further questions, do not hesitate to contact us:**

David Wedepohl, Press Spokesman, [wedepohl@bsw-solar.de](mailto:wedepohl@bsw-solar.de); Tel. +49 30 29777 88 30

## Source

Unless otherwise stated: German Solar Industry Association (BSW-Solar)

We would appreciate it if you cited "BSW-Solar/[www.solarwirtschaft.de](http://www.solarwirtschaft.de)" as a source.

## Photovoltaic (solar power) industry in Germany Profile in brief, as of end of 2011 (approx.)

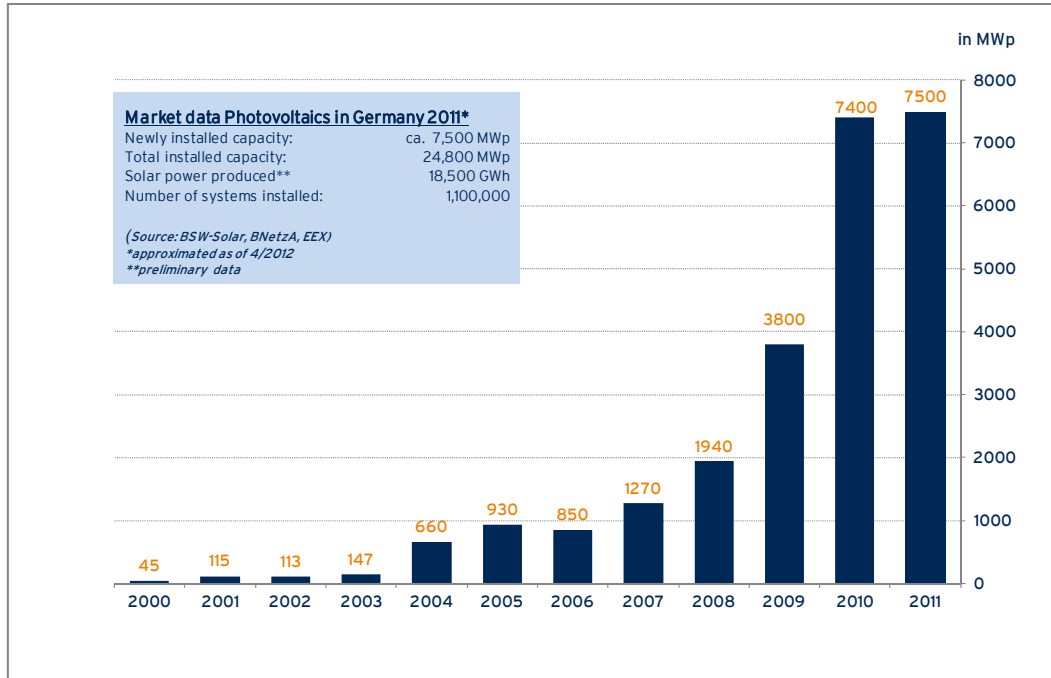
New photovoltaic (PV) capacity installed in Germany 2011	7,500 MWp
Total PV capacity installed in Germany 2011	24,800 MWp
Power generation through PV systems 2011 <sup>1</sup>	18,500 GWh
Total number of installed PV systems at the end of 2011	1,090,000
PV share in German gross power consumption 2012 <sup>2</sup> / 2020 <sup>3</sup>	4% / 10%
CO <sub>2</sub> savings in 2011	12.5 million t
Number of photovoltaic companies (incl. installers and suppliers)	10,000
of which are producers of cells, modules and other components	200
Economic benefit of photovoltaics until 2030 <sup>3</sup>	56 to 75 billion €
Export quota 2004 / 2011 / 2020 <sup>3</sup>	14% / 55% / 80%

<sup>1</sup> internal calculations, preliminary, Source: EEX

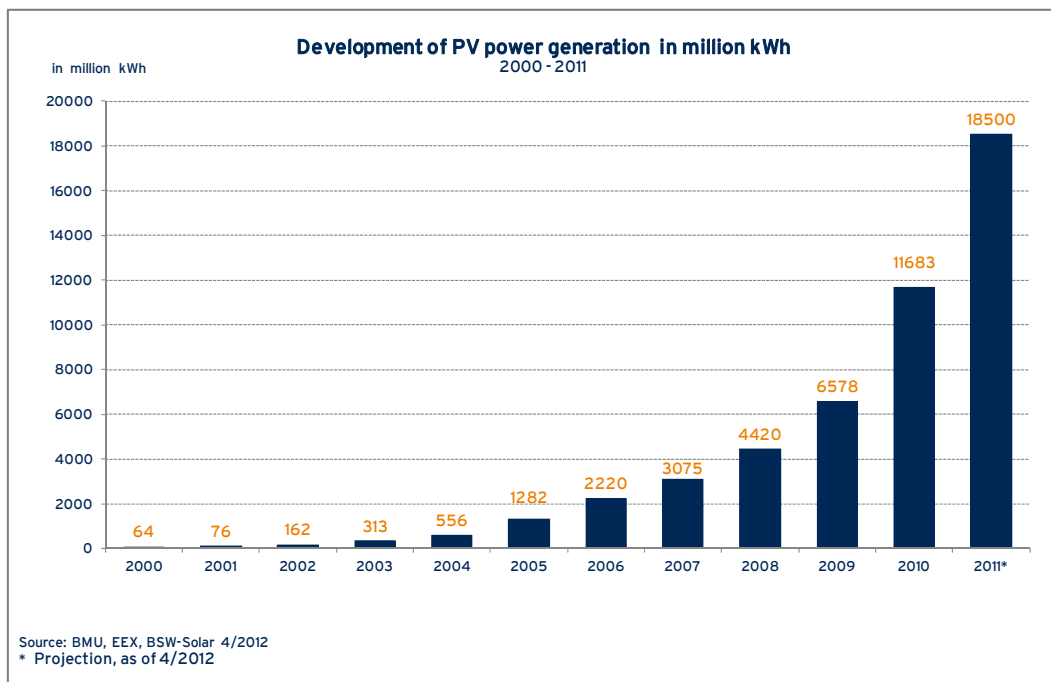
<sup>2</sup> forecast, according to ÜNB-Trendszenario

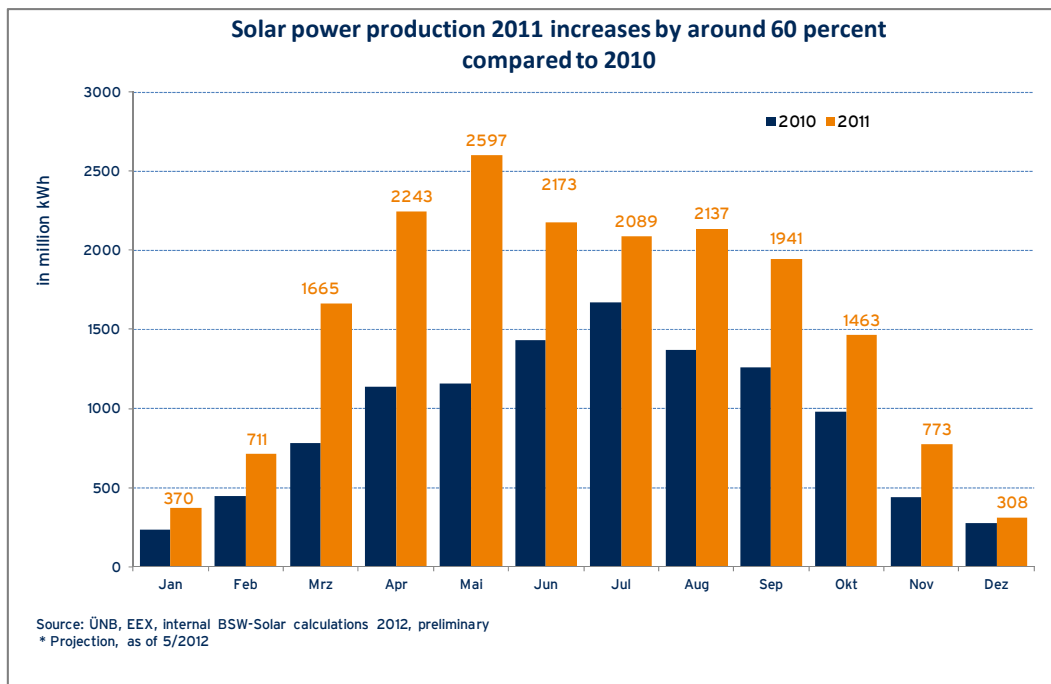
<sup>3</sup> BSW-Solar, according to PV-Roadmap 2020

## 1) Solar power on the path to becoming a key pillar of a sustainable energy supply in Germany

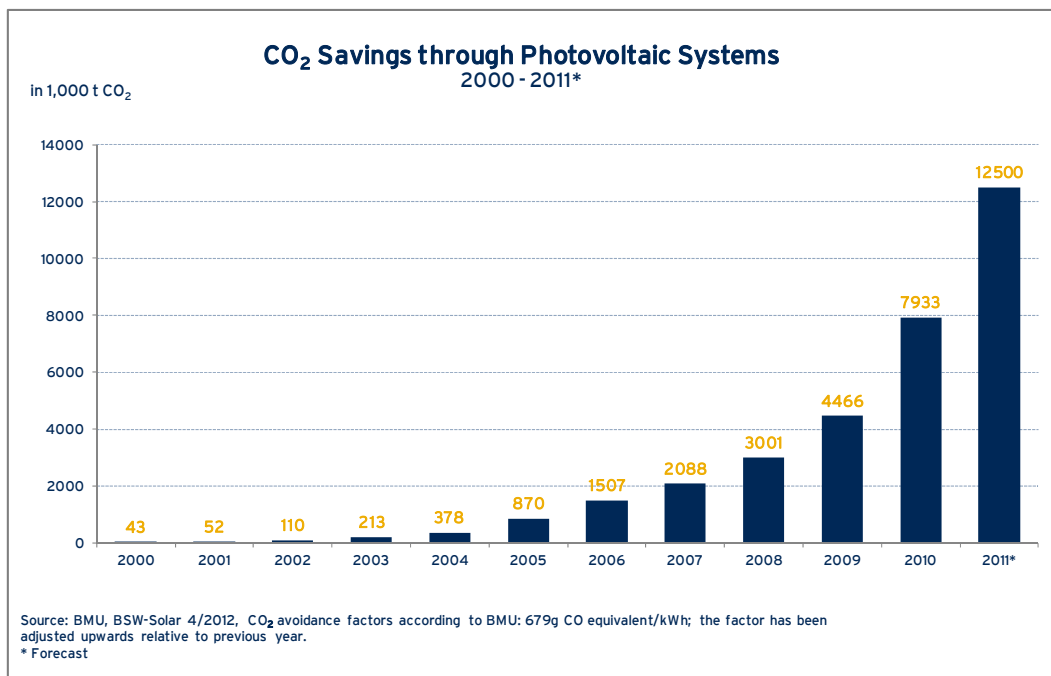


## 2) Solar power covers the annual electricity demand of over 5.2 million households





### 3) CO<sub>2</sub> Savings through photovoltaic systems



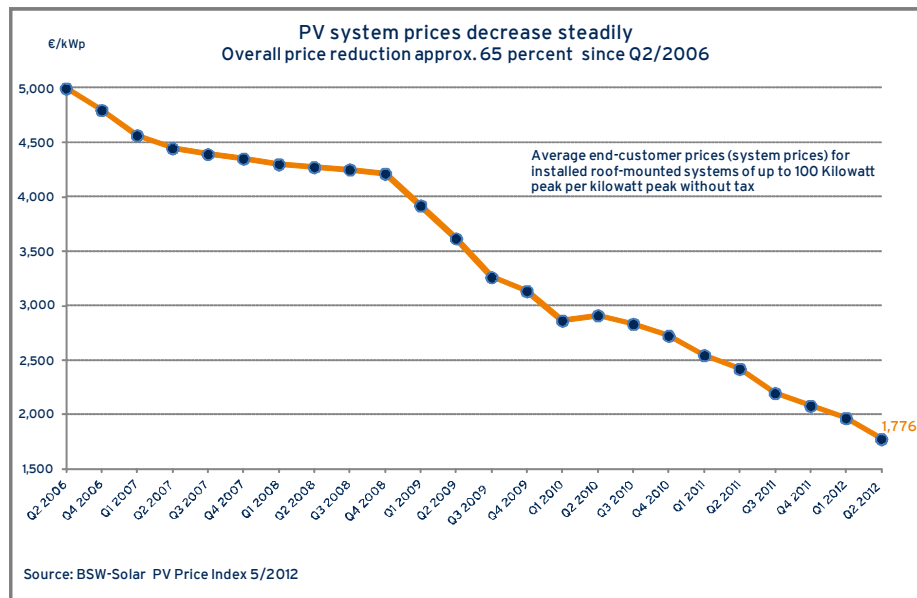
#### 4) Photovoltaic technology brings Germany billions in tax revenues in 2010

Recipient	
Federal Government	519 million €
Federal States	511 million €
Municipalities	429 million €
<b>total</b>	<b>1,459 million €</b>

Source: Roland Berger/Prognos

Approx. 46 percent of all taxes are paid directly by PV producers, while 54 percent are indirect and induced tax effects; taken into account are fiscal effects of PV technology which result in tax revenue through PV production and PV installation.

#### 5) PV price index - System prices decrease steadily



	System prices [€/kWp]
Q2 2006	5,000
Q4 2006	4,800
Q1 2007	4,568
Q2 2007	4,448
Q3 2007	4,395
Q4 2007	4,354
Q1 2008	4,303
Q2 2008	4,275
Q3 2008	4,254
Q4 2008	4,216
Q1 2009	3,922
Q2 2009	3,620
Q3 2009	3,263
Q4 2009	3,135
Q1 2010	2,864
Q2 2010	2,912
Q3 2010	2,834
Q4 2010	2,724
Q1 2011	2,546
Q2 2011	2,422
Q3 2011	2,199
Q4 2011	2,082
Q1 2012	1,969
Q2 2012	1,776