





World map of the PV industry

Cell, module and thin-film production

355 manufacturers in 42 countries

Publisher: Sun & Wind Energy
www.sunwindenergy.com

Layout: Eilers-Media
www.eilers-media.de

Date: September 2009
 Source: manufacturers' information, own investigation

Caption

- production site for cells
- production site for modules
- production site for thin-film modules
- 50 production capacity at the end of 2009 in MW
- 50 production capacity at the end of 2010 in MW
- 50 production capacity at the end of 2008 in MW

Examples

- Bisol**
40/65
● At the end of 2009 the Bisol plant features a module production capacity of 40 MW. By the end of 2010 the module production capacity will rise to 65 MW.
- Bangkok Solar**
50 | 50 | 60
● At the end of 2009 the Bangkok Solar plant features a solar cell production capacity of 50 MW, a module production of capacity of 50 MW as well as a thin-film production capacity of 60 MW.
- Solsonica**
30 | 60/90
● At the end of 2009 the Solsonica plant features a solar cell production capacity of 30 MW and a module production capacity of 60 MW. By the end of 2010 the module production capacity will rise to 90 MW.
- Solar Morph** 20
● The Solar Morph company featured a thin-film production capacity of 20 MW at the end of 2008.

SUN & WIND ENERGY



PV World Map:
cell, module and
thin-film producers



BIOENERGY

Pellets producers facing limited raw material

SOLAR THERMAL

Integrated manufacturing in absorber production

WIND ENERGY

Smooth offshore service in rough seas

SOLAR JOBS FOR RICHMOND

Cooling a hot spot