

# Renewable energy – solar

## Cumulative installed photovoltaic (PV) power\*

Megawatts	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Change 2008 over 2007	2008 share of total
US	100.1	117.3	138.8	167.8	212.2	275.2	376.0	479.0	624.0	830.5	1172.5	41.2%	8.7%
Canada	4.5	5.8	7.2	8.8	10.0	11.8	13.9	16.7	20.5	25.8	32.4	25.6%	0.2%
Mexico	12.0	12.9	13.9	15.0	16.2	17.1	18.2	18.7	19.7	20.8	21.8	5.0%	0.2%
<b>Total North America</b>	<b>116.6</b>	<b>136.0</b>	<b>159.9</b>	<b>191.6</b>	<b>238.4</b>	<b>304.1</b>	<b>408.1</b>	<b>514.4</b>	<b>664.2</b>	<b>877.0</b>	<b>1226.7</b>	<b>39.9%</b>	<b>9.1%</b>
Austria	2.9	3.7	4.9	6.1	10.3	16.8	21.1	24.0	25.6	27.7	30.2	9.0%	0.2%
Denmark	0.5	1.1	1.5	1.5	1.6	1.9	2.3	2.7	2.9	3.1	3.2	4.4%	♦
Finland	2.2	2.4	2.6	2.7	3.1	3.4	3.7	4.0	4.1	4.4	4.9	12.6%	♦
France	7.6	9.1	11.3	13.9	17.2	21.1	26.0	33.0	43.9	75.2	121.2	61.1%	0.9%
Germany	53.8	69.4	113.7	194.6	278.0	431.0	1044.0	1910.0	2863.0	3998.0	5498.0	37.5%	40.9%
Italy	17.7	18.5	19.0	20.0	22.0	26.0	30.7	37.5	50.0	120.2	458.2	281.2%	3.4%
Netherlands	6.5	9.2	12.8	20.5	26.3	45.9	49.5	51.2	52.7	54.3	55.9	2.9%	0.4%
Norway	5.4	5.7	6.0	6.2	6.4	6.6	6.9	7.3	7.7	8.0	8.3	4.4%	0.1%
Portugal	0.6	0.9	1.1	1.2	1.7	2.1	2.7	3.3	3.8	18.2	68.2	274.3%	0.5%
Spain	8.0	9.1	12.1	15.7	20.5	27.0	37.4	57.7	118.2	630.2	3291.2	422.2%	24.5%
Sweden	2.4	2.6	2.8	3.0	3.3	3.6	3.9	4.2	4.8	6.2	7.9	27.3%	0.1%
Switzerland	11.5	13.4	15.3	17.6	19.5	21.0	23.1	27.1	29.7	36.2	46.2	27.6%	0.3%
United Kingdom	0.7	1.1	1.9	2.7	4.1	5.9	8.1	10.9	14.0	17.9	21.4	19.6%	0.2%
<b>Total Western Europe</b>	<b>119.8</b>	<b>146.1</b>	<b>205.0</b>	<b>305.8</b>	<b>414.0</b>	<b>612.3</b>	<b>1259.4</b>	<b>2172.8</b>	<b>3220.4</b>	<b>4999.6</b>	<b>9614.9</b>	<b>92.3%</b>	<b>71.5%</b>
Israel	0.3	0.4	0.4	0.5	0.5	0.5	0.9	1.0	1.3	1.8	2.3	27.5%	♦
Japan	133.4	208.6	330.2	452.8	636.8	859.6	1132.0	1421.9	1708.5	1918.9	2148.9	12.0%	16.0%
Korea	3.0	3.5	4.0	4.8	5.4	6.0	8.5	13.5	34.7	77.6	351.6	353.1%	2.6%
Australia	22.5	25.3	29.2	33.6	39.1	45.6	52.3	60.6	70.3	82.5	100.5	21.8%	0.7%
<b>Total Others</b>	<b>159.2</b>	<b>237.8</b>	<b>363.8</b>	<b>491.6</b>	<b>681.9</b>	<b>911.8</b>	<b>1193.7</b>	<b>1497.1</b>	<b>1814.9</b>	<b>2080.8</b>	<b>2603.3</b>	<b>25.1%</b>	<b>19.4%</b>
<b>Total IEA PVPS**</b>	<b>395.6</b>	<b>519.9</b>	<b>728.8</b>	<b>989.0</b>	<b>1334.3</b>	<b>1828.2</b>	<b>2861.2</b>	<b>4184.3</b>	<b>5699.5</b>	<b>7957.4</b>	<b>13444.9</b>	<b>69.0%</b>	<b>100.0%</b>

\* End of year.

Source: Data to 2007 from IEA Photovoltaic Power Systems Programme, 2008 estimates from EPIA and EurObserver.

\*\* IEA Photovoltaic Power Systems Programme member countries.

♦ Less than 0.05%.

Note: Because of rounding, some totals may not agree exactly with the sum of their component parts