SNAPSHOT 2018
OF GLOBAL PHOTOVOLTAIC MARKET

Tables and Figures
FIGURE 2: EVOLUTION OF TOTAL INSTALLED CAPACITY (GW - DC)
FIGURE 3: COMPARISON BETWEEN PV PENETRATION AND EV PENETRATION

- **PV PENETRATION**
- **EV PENETRATION**


Penetration values: 0.00%, 0.05%, 0.10%, 0.15%, 0.20%, 0.25%
FIGURE 5: SEGMENTATION OF PV INSTALLATION 2011 - 2017

- Utility Scale
- Rooftop
Global PV Market 2017

TOP PV MARKETS 2017
1st: CHINA 53 GW
2nd: USA 10.6 GW
3rd: INDIA 9.1 GW

EQUATION OF ANNUAL PV INSTALLATIONS
(MW - DC)

2017 THEORETICAL PV PRODUCTION

SOLAR PV PER CAPITA 2017 Watt/capita
1st: GERMANY 518
2nd: JAPAN 386
3rd: BELGIUM 338

China is the world’s #1 PV market.

98 GW has been installed all over the world by the end of 2017.

29 countries had at least 1 GW of cumulative PV capacity at the end of 2017.

8 countries installed at least 1 GW each in 2017.
**TABLE 1: TOP 10 COUNTRIES FOR INSTALLATIONS AND TOTAL INSTALLED CAPACITY IN 2017**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country</th>
<th>Capacity 2017 (GW)</th>
<th>Rank</th>
<th>Country</th>
<th>Capacity 2017 (GW)</th>
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<tbody>
<tr>
<td>1</td>
<td>China</td>
<td>53 GW</td>
<td>1</td>
<td>China</td>
<td>131 GW</td>
</tr>
<tr>
<td>2</td>
<td>USA</td>
<td>10.6 GW</td>
<td>2</td>
<td>USA</td>
<td>51 GW</td>
</tr>
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<td>3</td>
<td>India</td>
<td>9.1 GW</td>
<td>3</td>
<td>Japan</td>
<td>49 GW</td>
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<tr>
<td>4</td>
<td>Japan</td>
<td>7.6 GW</td>
<td>4</td>
<td>Germany</td>
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<tr>
<td>5</td>
<td>Turkey</td>
<td>2.6 GW</td>
<td>5</td>
<td>Italy</td>
<td>19.7 GW</td>
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<tr>
<td>6</td>
<td>Germany</td>
<td>1.8 GW</td>
<td>6</td>
<td>India</td>
<td>18.3 GW</td>
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<td>7</td>
<td>Australia</td>
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<td>7</td>
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<td>8</td>
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<td>France</td>
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<tr>
<td>9</td>
<td>UK</td>
<td>0.9 GW</td>
<td>9</td>
<td>Australia</td>
<td>7.2 GW</td>
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<tr>
<td>10</td>
<td>Brazil</td>
<td>0.9 GW</td>
<td>10</td>
<td>Spain</td>
<td>5.6 GW</td>
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### TABLE 2: ANNUAL AND CUMULATIVE INSTALLED PV POWER
#### 2017 IEA-PVPS COUNTRIES

<table>
<thead>
<tr>
<th>Country</th>
<th>Annual Installed Capacity</th>
<th>Cumulative Installed Capacity</th>
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<td>China</td>
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<td>131 GW</td>
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<tr>
<td>USA</td>
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<tr>
<td>Japan</td>
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<td>Germany</td>
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<tr>
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