

The global wind industry added 54GW in 2016 - GWEC

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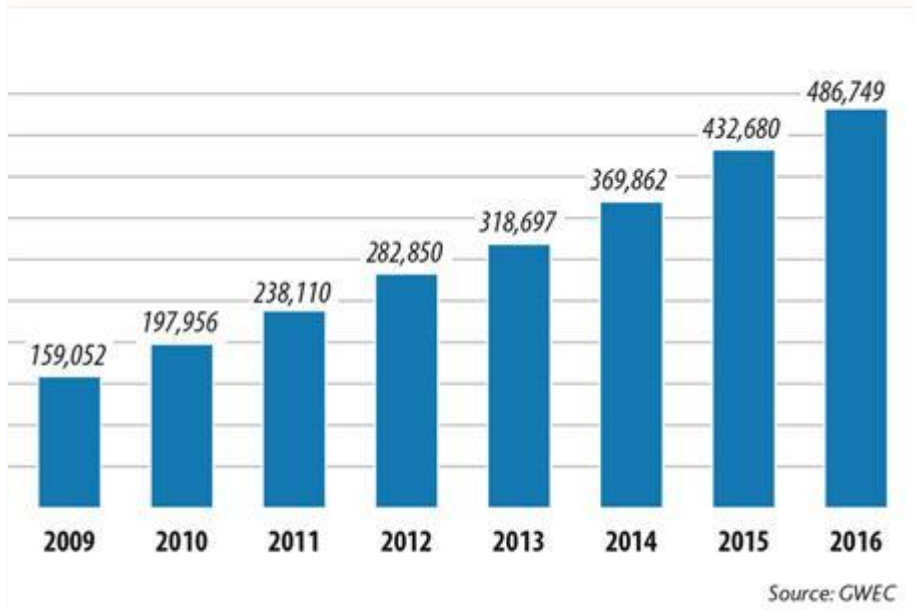
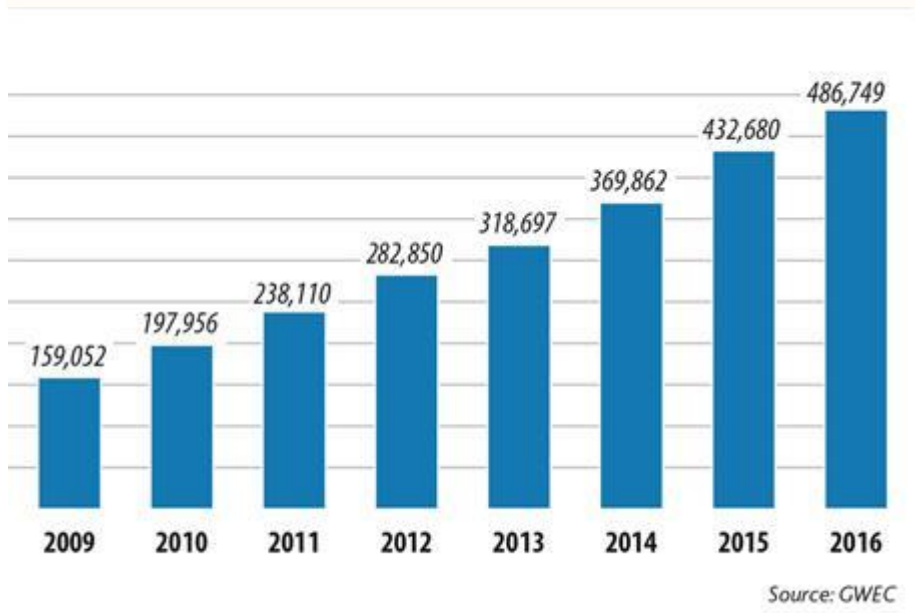


Image Source: Wind power Monthly



According to the latest annual figures from the Global Wind Energy Council (GWEC), the global wind industry added 54GW of new wind capacity in 2016, taking the worldwide total to 487GW. The total is a 13% fall on the record year in 2015, with most regions installing less in 2016 than the previous year.

Only Europe improved slightly on its 2015 figures. It added 13,926MW, just 121MW more than 2015.

Once again, China added the largest amount in 2016 with 23.3GW of new capacity — although this is down from the more than 30GW added in 2015.

The US followed with an additional 8.2GW, with Germany (5.4GW), India (3.6GW) and Brazil (2GW) making up the rest

of the top five markets.

GWEC's report said that India set a new national record, adding 3,612MW of new installations, taking the country's total to 28.7GW.

GWEC secretary general Steve Sawyer said that "We have great expectations for the Indian market, and we look forward to seeing offshore making a contribution in India in the next few years."

<i>Country</i>	<i>Added Capacity in 2016</i>	<i>Cumulative Capacity, end of 2016</i>
<i>China</i>	<i>23,328MW</i>	<i>168,690MW</i>
<i>USA</i>	<i>8,203MW</i>	<i>82,184MW</i>
<i>Germany</i>	<i>5,443MW</i>	<i>50,018MW</i>
<i>India</i>	<i>3,612MW</i>	<i>28,700MW</i>
<i>Brazil</i>	<i>2,014MW</i>	<i>10,740MW</i>
<i>France</i>	<i>1,561MW</i>	<i>12,066MW</i>
<i>Turkey</i>	<i>1,387MW</i>	<i>6,081MW</i>
<i>Netherlands</i>	<i>887MW</i>	<i>4,328MW</i>
<i>UK</i>	<i>736MW</i>	<i>14,543MW</i>
<i>Canada</i>	<i>702MW</i>	<i>11,900MW</i>

Top ten markets in 2016 by added capacity, and their cumulative totals. Source: GWEC

Offshore

China overtook Denmark in offshore capacity, claiming third spot, with an added 592MW offshore.

Denmark failed to add any capacity offshore in 2016, but has a solid pipeline with the 406MW Horns Rev 3, the 350MW of nearshore projects, and 600MW Kriegers Flak all making progress.

Globally, 2.2GW of new offshore capacity was installed, driven by Germany, the Netherlands and China. This was down from the 3.4GW added in 2015.

<i>Country</i>	<i>Added Capacity Offshore in 2016</i>	<i>Total Cumulative Offshore Capacity</i>
<i>Germany</i>	<i>813MW</i>	<i>4,108MW</i>
<i>Netherlands</i>	<i>691MW</i>	<i>1,118MW</i>
<i>China</i>	<i>592MW</i>	<i>1,627MW</i>
<i>UK</i>	<i>56MW</i>	<i>5,156MW</i>
<i>South Korea</i>	<i>30MW</i>	<i>35MW</i>
<i>US</i>	<i>30MW</i>	<i>30MW</i>



Top six offshore markets by added capacity in 2016, with cumulative totals. Source: GWEC

Source : [WIND POWER MONTHLY](#)