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# Press release

From: EurObserv'ER

Subject: **Released: wind power barometer**  
Global, European and offshore wind power figures, policy developments and industry news for 2011

Free download of the bi-lingual barometer (PDF, English/French, 28 pages, 4.6 MB):  
<http://www.eurobserv-er.org/pdf/baro207.asp>

Date: March 2012

Pages: 3



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## Key data for the 27 European Member States:

- Cumulative wind power capacity at the end of 2011: 94.1 GW (85.0 GW end of 2010)
- Decrease in the EU wind turbine market registered between 2010 and 2011: 5.9%
- Cumulative wind electricity production: 172.1 TWh in 2011 (149.1 TWh in 2010)
- Offshore wind power capacity installed in 2011: 788.1 MW (1139.9 MW in 2010)
- Cumulative offshore wind power capacity at end of 2011: 3820.1 MW (3032.0 MW end 2010)

## European Union wind power market in a slowdown: wavering between the flagging onshore wind market and the huge and promising offshore wind market

*Notwithstanding the economic crisis affecting most of the globe's major economies, wind energy continues to gain supporters around the world.*

Global wind power capacity increased by 40.5 GW between 2010 and 2011 compared to a 39 GW rise between 2009 and 2010, after deduction of decommissioned capacity. By the end of 2011 global installed wind turbine capacity should stand at around 238.5 GW, and much of the world's growth is being driven by capacity build-up in the emerging markets. In contrast some of the key wind energy markets may be showing fault lines.

EurObserv'ER puts the year's installed capacity at about 9 367.7 MW, a drop on its 2010 performance (9 951.6 MW). Total European Union wind energy capacity should settle at 94.1 GW, which equates to

187.2 kW of capacity per 1 000 inhabitants (graph 3). Taking the number of inhabitants as the yardstick, the top three ranked wind energy producer countries are Denmark (706.2 kW per 1 000 inhab.), Spain (469.6 kW per 1 000 inhab.) and Portugal (403.4 kW per 1 000 inhab.).

EurObserv'ER found that offshore wind energy fared worse in 2011 than in 2010 with 788.1 MW installed as against 1 139.9 MW installed in 2010. By the end of 2011 European Union offshore wind energy capacity had risen to 3 820.1 MW.

After the disappointments of 2010, wind power production expectations were met in 2011. According to EurObserv'ER, they should exceed 172 TWh (EU-27), which equates to a 15.5% year-on-year increase (149.1 TWh in 2010).

Besides the 2011 realisations per EU Member State other subjects that are discussed in the new barometer are:

- Selected country reviews
- Renewable energy policies
- Industry overview
- Comparison with National Renewable Energy Action Plans

For additional information on renewable energy issues (data referring to 2010, among others EU Member State renewable energy employment, turnover and realisations) see also the annual EurObserv'ER publication '*The State of Renewable Energies in Europe*', 2011 edition: <http://www.eurobserv-er.org/pdf/bilan11.asp> (January 2012, PDF, English/French language, 248 pages, 12.7 MB).

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Note: the interactive database on the website (click on 'Interactive EurObserv'ER Database' on the [www.eurobserv-er.org](http://www.eurobserv-er.org) homepage) allows you to download the Barometer data separately. This will allow you to create your own graphs to be used in your publication.

See also the EurObserv'ER policy files at [www.eurobserv-er.org/policy.asp](http://www.eurobserv-er.org/policy.asp) for an overview of renewable energy policies in all 27 EU Member States for all technologies

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### **About the EurObserv'ER Barometer**

The EurObserv'ER Barometer regularly publishes indicators reflecting the current dynamics in renewable energies (solar, wind, hydropower, geothermal and biomass, biogas, biofuels) worldwide and within the European Union.

Barometers published are all available for download. Direct links to all 2010/2011/2012 EurObserv'ER publications:

#### Wind Power Barometer

<http://www.eurobserv-er.org/pdf/baro207.asp>

(February 2012, PDF, English/French, 28 pages, 4.6 MB):

'*The State of Renewable Energies in Europe*', 2011 edition:

<http://www.eurobserv-er.org/pdf/bilan11.asp>

(January 2012, PDF, English/French language, 248 pages, 12.7 MB)

#### Barometer on Solid Biomass

<http://www.eurobserv-er.org/pdf/baro206.asp>

(November 2011, PDF, English/French language, 20 pages, 3.6 MB)

#### Ground source Heat Pump Barometer

(September 2011, PDF, English/French language, 20 pages, 2.6 MB)

<http://www.eurobserv-er.org/pdf/baro205.asp>

Biofuels Barometer  
(July 2011, PDF, English/French language, 26 pages, 3.6 MB)  
<http://www.eurobserv-er.org/pdf/baro204.asp>

Solar Thermal Barometer  
(June 2011, PDF, 28 pages, English/French language, 2.9 MB)  
<http://www.eurobserv-er.org/pdf/baro203.asp>

Solar Photovoltaic Barometer  
(April 2011, PDF, 22 pages, English/French language, 2.4 MB):  
<http://www.eurobserv-er.org/pdf/baro202.asp>

Renewable Municipal Waste Barometer  
(December 2010, PDF, 14 pages, English/French language, 2.4 MB)  
<http://www.eurobserv-er.org/pdf/baro200a.asp>

Biogas Barometer  
(December 2010, PDF, 16 pages, English/French language, 1.4 MB)  
<http://www.eurobserv-er.org/pdf/baro200b.asp>

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## Note to the editors

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When including a web link to an article on the Barometer, for technical reasons please use either <http://www.eurobserv-er.org/downloads.asp> or <http://www.eurobserv-er.org/pdf/baro207.asp> and not a direct link to the PDF file.

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