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Press release

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From: EurObserv'ER

Subject: **Released: wind power barometer**
Global, European and offshore wind power figures, policy developments and industry news for 2012

Free download of the bi-lingual barometer (PDF, English/French, 24 pages, 2.4 MB):
<http://www.eurobserv-er.org/pdf/baro-jde12.asp>

Date: February 2013

Pages: 4

Key data on wind power for the year 2012:

- Cumulative European Union wind power capacity at end of 2012: 105.6 GW (94.0 GW end 2011)
- Growth of the total wind power capacity in the European Union (EU) in 2012: 12.3%
- Wind power capacity installed in EU during 2012: 11.8 GW (9.5 GW in 2011)
- Electricity production from wind power: 200.2 TWh in 2012 (178.9 TWh in 2011)
- Cumulative EU offshore wind power capacity at end of 2012: 4705.8 MW (3549.4 MW end 2011)
- Wind power capacity installed worldwide at the end of 2012: 281.1 GW (237.2 GW in 2011)
- Shares of the world turbine market in 2012: Asia 35.6%, North America 31.8%, Europe 28.7%

EurObserv'ER: European Union cumulative installed wind power capacity exceeds 100 GW in 2012

Of all cumulative installed capacity 4% is located offshore, equalling 10% of the EU 2012 market

Wind power makes further inroads into the world's electricity mix every year. It looks as though global wind power capacity will increase by another 44184 megawatt (MW) in 2012, and so raise global installed capacity to more than 281 gigawatt (GW). Growth in 2012 was driven by the United States,

which chalked up a new installation record, and Europe, which remains a safe bet in the world market. The Asian market weakened a little but its potential for this year nonetheless looks bright.

For the European Union's wind energy market 2012 was a good year. According to EurObserv'ER, newly installed and hooked up capacity over the year was 11840 MW. This took the EU breezing past the 100 GW installed capacity landmark (105635 MW). Considering the installations taken out of service, EU capacity increased by 11593 MW in 2012, compared to a rise of 9299 MW in 2011.

The European Union (EU) per capita wind energy capacity figures now stand at 209.7 kW per thousand inhabitants. This indicator reveals wind energy's actual weight in a country; leading EU countries are Denmark (745.8 kW/1000 inhab), Spain (488.8 W/1000 inhab), and Portugal (429.2 kW/1000 inhab). Also Sweden, Germany and Ireland have a relatively high wind power capacity per thousand inhabitants.

Countries with offshore wind power are: United Kingdom (2679 MW), Denmark (922 MW), Belgium (380 MW), Germany (280 MW), the Netherlands (228 MW), Sweden (163 MW), Finland (26 MW), Ireland (25 MW) and Portugal (2 MW).

Besides the 2012 realisations per EU Member State other subjects that are discussed in the new barometers 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 2011, 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*', 2012 edition: <http://www.eurobserv-er.org/pdf/bilan12.asp> (January 2013, PDF, English/French language, 240 pages, 15 MB).

Note: the interactive database on the website (click on 'Interactive EurObserv'ER Database' on the 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 for an overview of renewable energy policies in all 27 EU Member States for all technologies

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 2013/2012/2011 EurObserv'ER publications:

Wind Power Barometer

(February 2013, PDF, English/French, 24 pages, 2.4 MB):

<http://www.eurobserv-er.org/pdf/baro-jde12.asp>

'The State of Renewable Energies in Europe', 2012 edition

(January 2013, PDF, English/French language, 240 pages, 15 MB)

<http://www.eurobserv-er.org/pdf/bilan12.asp>

Solid Biomass Barometer

(December 2012, PDF, English/French language, 16 pages, 2.1 MB)

<http://www.eurobserv-er.org/pdf/baro212biomassEu.asp>

Biogas Barometer

(December 2012, PDF, English/French language, 14 pages, 2.0 MB)

<http://www.eurobserv-er.org/pdf/baro212biogasEu.asp>

Renewable Municipal Waste Barometer

(December 2012, PDF, English/French language, 12 pages, 1.9 MB)

<http://www.eurobserv-er.org/pdf/baro212mswEu.asp>

Biofuels Barometer

(July 2012, PDF, English/French language, 21 pages, 3.6 MB)

<http://www.eurobserv-er.org/pdf/baro210.asp>

Solar Thermal Barometer

(June 2012, PDF, 24 pages, English/French language, 3.7 MB):

<http://www.eurobserv-er.org/pdf/baro209.asp>

Solar Photovoltaic Barometer

(April 2012, PDF, 24 pages, English/French language, 4.3 MB):

<http://www.eurobserv-er.org/pdf/baro208.asp>

Ground source Heat Pump Barometer

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

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

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<http://www.eurobserv-er.org/downloads.asp> (all Barometers), or
<http://www.eurobserv-er.org/pdf/baro-jde12.asp> (Wind Power Barometer)

and not a direct link to the PDF file.

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