



EurObserv'ER

Press release

From : EurObserv'ER consortium
Subject : Wind Power Barometer 2007 released and available for download
Date : Tuesday, 26 February 2008
Pages : 3

EurObserv'ER consortium releases Wind Power Barometer 2007

Installed wind power capacity in Europe 57 gigawatt at the end of 2007

Worldwide wind capacity at the end of 2007: 94 gigawatt

In the year 2007 the worldwide installed wind power capacity grew again markedly (+25.9% with respect to 2006), i.e. a total installed world capacity of 93677.9 MW. While Europe remained the leading wind power market in 2007 (43.5% market share in 2007), the shares of North America (28.5%) and Asia (26.5%) increased considerably.

European wind capacity at the end of 2007: 57 gigawatt

The strong American and Asian growth wasn't to the detriment of the European Union market. The EU market increased once again, with 8332 MW installed in 2007 (vs. 7461.1 MW in 2006), bringing total EU-27 installed capacity up to 56346.9 MW (including non-EU states Europe totals 57 GW) (see table in Annex on page 3 of this press release).

Offshore wind inventory: over 1 GW by the end of 2007

The wind power barometer also lists the offshore capacity for relevant countries. This capacity amounted to 1122.5 MW by the end of 2007.

Electricity production from wind power in Europe: 3% of total electricity

In 2007, onshore and offshore installations provided an estimated production of approximately 98 TWh, representing 20.1% growth with respect to 2006. Wind power now represents 3% of EU electricity production. This production is equivalent to the needs in electricity of 32.7 million households, taking an average electricity consumption of 3000 kWh per household and per year into consideration.

Other topics in the Wind Power Barometer 2007

Other subjects that are discussed in the Wind Power Barometer are:

- Renewable energy policy
- Selected country reviews
- Wind power industry news
- Outlook to 2010

About EurObserv'ER

EurObserv'ER is a consortium composed of five European organisations devoted to the promotion of renewable energies within the European Union:

- Observ'ER, the Observatory of renewable energies (Paris, France);
- Institute Jozef Stefan (IJS), Energy Efficiency Center (Ljubljana, Slovenia);
- Energy research Centre of the Netherlands (ECN, Amsterdam/Petten, the Netherlands);
- Institute for Renewable Energy (EC BREC IEO, Warsaw, Poland);
- Eclareon, Energy Consultancy (Berlin/Madrid);

The EurObserv'ER barometer regularly provides publications of indicators reflecting the current dynamics in renewable energies (solar, wind, hydropower, geothermal and biomass) worldwide and within the European Union. Mid April the next Eurobserv'ER Barometer is expected, focusing on photovoltaics.

The EurObserv'ER barometer is a project supported by the European Commission within the DG TREN "Intelligent Energy Europe" programme. It is also supported by the Ademe, the French Environment and Energy management Agency.

Intelligent Energy  Europe

Free download

The bilingual (French/English) EurObserv'ER Wind Power Barometer 2007 is available for download at the following website:

http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro183.asp

Note to the editors

For further information on this barometer, please contact:

Mr Frédéric Tuillé or Mr Gaëtan Fovez
Observ'ER
146, rue de l'Université
75007 Paris - France
Tel: 33 (0) 1 44180080
Fax: 33 (0) 1 44180036
E-mail: observ.er@energies-renouvelables.org

The Eurobserv'ER Barometer is the result of the investigation and research work of its authors. The European Commission is not responsible for any use that may be made of the information contained therein.

Annex Wind power installed in EU-27 member States, update 2007 (estimate in megawatt)

Countries	2006	2007	Capacity installed in 2007	Decommissioning
Germany	20 621,9	22 246,9	1 667,0	42,0
Spain	11 630,2	15 145,1	3 514,9	-
Denmark	3 135,0	3 132,1	2,5	5,4
Italy**	2 123,4	2 726,1	633,3	30,6
France	1 736,9	2 455,1	718,2	-
United Kingdom	1 961,4	2 388,4	427,0	-
Portugal	1 681,0	2 149,6	468,6	-
Netherlands	1 558,9	1 747,0	210,0	21,9
Austria	964,5	981,5	19,5	2,5
Greece	746,5	871,0	124,5	-
Ireland	746,0	803,4	57,4	-
Sweden	519,0	653,0	134,0	-
Belgium	194,3	286,9	92,6	-
Poland	152,6	262,0	109,4	-
Finland	86,0	110,0	24,0	-
Czech Rep.	43,5	100,0	56,5	-
Hungary	61,0	65,0	4,0	-
Lithuania	26,2	60,8	40,0	5,4
Estonia	32,0	56,0	24,0	-
Luxembourg	35,3	35,3	0,0	-
Bulgaria	32,0	32,0	0,0	-
Latvia	27,0	27,0	0,0	-
Romania	3,0	7,6	4,6	-
Slovakia	5,2	5,2	0,0	-
Slovenia	0,0	0,0	0,0	-
Cyprus	0,0	0,0	0,0	-
Malta	0,0	0,0	0,0	-
Total EU 27	48 122,7	56 346,9	8 332,0	107,8

* Estimation.

** In Italy, there wasn't any decommissioning but some wind turbines were refurbished for a total 30,6 MW.

SOURCE : EURObserv'ER 008