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Press release

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From: EurObserv'ER

Subject: Released: **2013 edition** 'The State of Renewable Energies in Europe': European Union renewable energy shares in 2012, including employment, turnover and investment climate

Free download (PDF, English, 200 pages, 12 MB):
<http://www.eurobserv-er.org/pdf/bilan13-gb.asp>

Date: February 2014

Pages: 4

Key data for the 27 European Union Member States:

- Renewable energy share in gross final energy consumption: 14.0% in 2012 (12.9% in 2011)
- Renewable energy share in gross electricity consumption: 23.4% in 2012 (20.4% in 2011)
- Renewable energy based employment: 1.22 million people in 2012 (1.27 million in 2011)
- Renewable energy based economic activity: 130 billion euro in 2012 (141 billion euro in 2011)
- Investment indicators in 2012:
 - Asset finance: 22 billion euro (36 billion euro in 2011, -39%)
 - Venture capital and private equity: 2.1 billion euro (3.0 billion euro in 2011, -31%)
 - Renewable energy stock market indices: -35% to -63% in the period 2011 – 2012

New EurObserv'ER release 'The State of Renewable Energies in Europe' (2013 edition) addresses 2012 and 2011 status quo for renewable energy in European Union

Annual overview barometer provides background data on renewable energy, employment, turnover and investment climate in the European Union

The annual EurObserv'ER report 'The State of Renewable Energies in Europe' (edition 2013) has been released, in which not only background information is provided on the renewable energy realisations and the renewable energy share, but additionally estimates have been presented for renewable energy related employment and turnover in the EU Member States, plus – for the first time in the EurObserv'ER history – an assessment of the investment climate in the European Union.

EU-27 renewable energy indicators (page 9 – 87)

Gross final energy consumption from renewable energy sources increased significantly in 2012, but an important underlying reason is that the 2011 mild winter resulted in a relatively low wood consumption for heating purposes. The overall renewable energy share of gross final energy consumption amounts to 14.0% in 2012 against 12.9% in 2011.

Renewable electricity output for 2012 has been estimated at 763.5 TWh, resulting in a renewable electricity share of 23.4%.

All 2011 and 2012 realisations for the renewable energy sectors have been displayed in tabular format in the publication.

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.

Socio-economic indicators (page 89 – 141)

Two main indicators shed light on the socioeconomic impact of the renewable sectors across Europe: employment figures and sales turnover, both for 2012 and 2011. In the overview 27 European Union countries are covered individually for ten renewable sectors (wind power, solid biomass, PV, biofuels, heat pumps, biogas, solar thermal, small hydropower, waste and geothermal energy).

Employment

Renewable energy induced employment in the European Union (27 Member States) stands around 1.22 million direct and indirect jobs in 2012 (50 thousand less than in 2011). The top employer in 2012 is wind power (0.30 million direct and indirect jobs), followed by solid biomass (0.28 million jobs), photovoltaic (0.25 million jobs) and biofuels (0.11 million jobs).

Turnover

The economic value of renewable energy deployment in 27 European Union Member States for 2012 is assessed at almost 130 billion euro (for 2011 the estimate is 141 billion euro). Highest turnover rates in 2012 can be attributed to wind power (34.4 billion euro), photovoltaic (30.8 billion euro) and solid biomass (27.7 billion euro).

Estimates on 2012 for all 27 European Union Member States, with a breakdown per technology can be found at the end of the section on socio-economic indicators:

- Employment figures (pages 138 – 139)
- Sales turnover (pages 140 – 141)

Investment indicators (page 143 – 183)

In the 2013 edition of 'The State of Renewable Energies in Europe' EurObserv'ER presents indicators illustrating the financing side of renewable energy. The following areas have been covered:

- Asset finance: investments in new built capacity for all renewable energy sectors. Looking at the European Union, asset finance has been estimated at 22 billion euro in 2012 (against 36 billion euro in 2011, minus 39%). Partly, decreasing technology costs are behind this decrease (for example in photovoltaics) (page 143 – 173);
- Venture capital investments (targeting renewable energy technology firms at the start-up phase) and private equity (targeting relatively mature companies): For the European Union venture capital and private equity in renewable energy in 2012 have been estimated at 2.1 billion euro (against 3.0 billion euro in 2011, minus 31%) (page 174 – 179);

- Renewable energy stock market indices: renewable-only companies quoted on the stock exchange were aggregated in indices for three technology types: biomass, wind power and solar photovoltaics. Compared to the total EU market all indicators have underperformed in the period 2011 – 2012 ranging from minus 35% to minus 63% (page 180 – 183).

All in all it can be concluded that between 2011 and 2012 investments in utility-scale projects declined substantially (page 184 – 185).

Important: for all EurObserv'ER indicators relevant notions have been addressed in **methodological notes. For the energy indicators the methodological note is displayed on **pages 9 and 87**, for the socio-economic indicators the methodological note is displayed on **pages 89-91** and for the renewable energy project investment a methodological note is displayed on **page 145**.**

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 2014/2013/2012 EurObserv'ER publications:

'The State of Renewable Energies in Europe', 2013 edition
(January 2014, PDF, English language, 200 pages, 12 MB)
<http://www.eurobserv-er.org/pdf/bilan13-gb.asp>

Solid Biomass Barometer
(December 2013, PDF, English language, 14 pages, 2.9 MB)
http://www.eurobserv-er.org/pdf/baro219_en.asp

Heat Pump Barometer
(October 2013, PDF, English language, 18 pages, 2.5 MB)
<http://www.eurobserv-er.org/pdf/baro218.asp>

Biofuels Barometer
(July 2013, PDF, English language, 16 pages, 3.1 MB)
http://www.eurobserv-er.org/pdf/baro216_en.asp

Solar Thermal Barometer
(June 2013, PDF, 27 pages, English/French language, 3.6 MB):
<http://www.eurobserv-er.org/pdf/baro215.asp>

Solar Photovoltaic Barometer
(April 2013, PDF, 24 pages, English/French language, 2.0 MB):
<http://www.eurobserv-er.org/pdf/baro-jdp9.asp>

Wind Power Barometer
(February 2013, PDF, English/French, 24 pages, 2.4 MB):
<http://www.eurobserv-er.org/pdf/baro-jde12.asp>

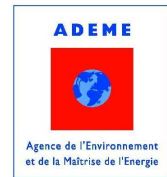
Biogas Barometer
(December 2012, PDF, English/French language, 14 pages, 2.0 MB)
<http://www.eurobserv-er.org/pdf/baro212biogasEu.asp>

Renewable Municipal Waste Barometer
(December 2012, PDF, English/French language, 12 pages, 1.9 MB)
<http://www.eurobserv-er.org/pdf/baro212mswEu.asp>

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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> (all Barometers), or
<http://www.eurobserv-er.org/pdf/bilan13-gb.asp> (Overview Barometer, 2013 edition)

and not a direct link to the PDF file.

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