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Press release

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From: EurObserv'ER

Subject: **Released: 2014 edition 'The State of Renewable Energies in Europe': European Union renewable energy shares in 2013, including employment, turnover and investment climate**

Free download (PDF, English, 218 pages, 10 MB):
http://www.energies-renouvelables.org/observ-er/stat_baro/barobilan/barobilan14_EN.pdf

Date: March 2015

Pages: 4

Key data for the 28 European Union Member States:

- Renewable energy share in gross final energy consumption: 15.0% in 2013 (14.2% in 2012)
- Renewable energy share in gross electricity consumption: 25.8% in 2013 (23.2% in 2012)
- Renewable energy based employment: 1.15 million people in 2013 (1.22 million in 2012)
- Renewable energy based economic activity: 138 billion euro in 2013 (130 billion euro in 2012)
- Investment indicators in 2013:
 - Asset finance: 19.8 billion euro (25.3 billion euro in 2012, -22%)
 - Venture capital and private equity: 0.38 billion euro (2.2 billion euro in 2012, -83%)
 - RES stock market indices performed lower than STOXX Europe 50

New EurObserv'ER release 'The State of Renewable Energies in Europe' (2014 edition) addresses 2013 and 2012 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 2014) 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 an assessment of the investment climate in the European Union.

EU-28 renewable energy indicators (page 8 - 89)

Gross final energy consumption from renewable energy sources increased significantly in 2013. Now more than a quarter of the European Union's total electricity consumption is renewably sourced. The overall renewable energy share of gross final energy consumption amounts to 15.0% in 2013 against 14.2% in 2012.

Renewable electricity output for 2013 has been estimated at 852.9 TWh, resulting in a renewable electricity share of 25.8%.

All 2012 and 2013 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 91 - 134)

Two main indicators shed light on the socioeconomic impact of the renewable sectors across Europe: employment figures and sales turnover, both for 2013 and 2012. In the overview 28 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 (28 Member States) stands around 1.15 million direct and indirect jobs in 2013 (54 thousand less than in 2012). The top employer in 2013 is solid biomass (0.31 million direct and indirect jobs), followed by wind power (0.30 million jobs), photovoltaic (0.16 million jobs) and biofuels (0.1 million jobs).

Turnover

The economic value of renewable energy deployment in 28 European Union Member States for 2013 is assessed at almost 138 billion euro (for 2012 the estimate is 142.8 billion euro). Highest turnover rates in 2013 can be attributed to wind power (39.8 billion euro), solid biomass (36 billion euro) and photovoltaic (22 billion euro).

Estimates on 2013 for all 28 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 134 – 137)
- Sales turnover (pages 134 – 138)

Investment indicators (page 140 – 185)

In the 2014 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 19.8 billion euro in 2013 (against 25.3 billion euro in 2012, minus 22%) (page 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 2013 have been estimated at 0.4 billion euro (against 2.2 billion euro in 2012, minus 83%) (page 176 – 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. (page 180 – 183).

Overall, the RES indices show that the years 2012 and 2013 were not really prosperous for the large listed RES-only companies in the EU. Most RES sectors performed worse than the whole European market, approximated by the STOXX Europe 50 index, which grew by 20% in the observation period (page 180 – 183).

Important: for all EurObserv'ER indicators relevant notions have been addressed in **methodological notes. For the energy indicators the methodological note is displayed on **page 9 and 87**, for the socio-economic indicators the methodological note is displayed on **pages 91-93** and for the renewable energy project investment a methodological note is displayed on **page 143**.**

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:

Wind Energy Barometer

(February 2015, PDF, English/French, 16 pages):

http://www.energies-renouvelables.org/observ-er/stat_baro/observ/barojde16_WindEnergy_EN.pdf

'The State of Renewable Energies in Europe', 2014 edition

(January 2015, PDF, English language, 218 pages)

http://www.energies-renouvelables.org/observ-er/stat_baro/barobilan/barobilan14_EN.pdf

Solid Biomass Barometer

(January 2015, PDF, English language, 14 pages)

http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro225_en.pdf

Biogas Barometer

(December 2014, PDF, English/French language, 14 pages)

http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro224_Biogas_en.pdf

Renewable Municipal Waste Barometer

(December 2014, PDF, English/French language, 12 pages)

http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro224_Dechets_en.pdf

Biofuels Barometer

(July 2014, PDF, English language, 16 pages)

http://www.eurobserv-er.org/pdf/baro216_en.asp

Solar Thermal Barometer

(June 2014, PDF, 27 pages, English/French language):

<http://www.eurobserv-er.org/pdf/baro215.asp>

Photovoltaic Barometer

(April 2014, PDF, 24 pages, English/French language):

<http://www.eurobserv-er.org/pdf/baro-jdp9.asp>

Heat Pump Barometer

(October 2013, PDF, English language, 18 pages)

<http://www.eurobserv-er.org/pdf/baro218.asp>

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