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# Press release

The EurObserv'ER thematic barometers are now being published in unilingual versions: French and English Barometers will be separate documents. All versions are freely downloadable at: [www.eurobserv-er.org/downloads.asp](http://www.eurobserv-er.org/downloads.asp)

From: EurObserv'ER

Subject: **Released: Biogas Barometer**  
[www.energies-renouvelables.org/observ-er/stat\\_baro/observ/baro224\\_Biogas\\_en.pdf](http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro224_Biogas_en.pdf)  
(PDF, English language, 12 pages)

**Released: Renewable Municipal Waste Barometer**  
[www.energies-renouvelables.org/observ-er/stat\\_baro/observ/baro224\\_Dechets\\_en.pdf](http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro224_Dechets_en.pdf)  
(PDF, English language, 10 pages)

Date: November 2014

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Pages: 5



BIÖGEN 2014 [www.biogen.co.uk](http://www.biogen.co.uk)



VINCENT RUSTUEL/ANGELS'SEA STUDIO

# BIOGAS BAROMETER

**13.4 Mtoe**  
of biogas primary energy produced in 2013  
in the European Union.

A study carried out by EurObserv'ER.



## Key data for the year 2013:

- Biogas primary energy produced in 2013: 13.4 Mtoe (12.1 Mtep in 2012)
- Biogas primary energy production growth from 2012 to 2013: +10.2%
- Biogas electricity produced in 2013: 52.3 TWh (46,4 TWh in 2012)
- Biogas heat production in 2013: 432 ktoe (353 ktoe in 2012)

## New EurObserv'ER Biogas Barometer: expansion of biogas energy usage has continued across the European Union

According to EurObserv'ER, about 13.4 million tonnes oil equivalent (Mtoe) of biogas primary energy were produced during 2013, which is 1.2 Mtoe more than in 2012 representing a 10.2% growth. However, the biogas sector's momentum was more sluggish than in 2012 (16.9% between 2011 and 2012, giving an additional 1.8 Mtoe).

Biogas production is expected to lose some of its impetus in 2014 in a number of countries whose sector expansion controlling policy changes will limit the future use of energy crops.

Countries status:

- U-turn for biogas policy in Germany;
- Setback for the Italian biogas market;
- France, Europe's new vector for growth?

Besides the 2013 realisations per EU Member State and the abovementioned renewable energy policy developments in selected Member States other subjects that are discussed in the new barometer are:

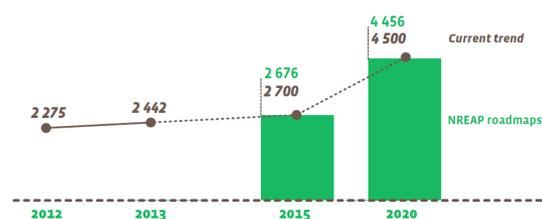
- Industry overview
- Comparison with National Renewable Energy Action Plans

Comparison of the current trend of electricity biogas generation against the NREAP (National Renewable Energy Action Plans) roadmap (in GWh)



Source: EurObserv'ER 2014.

Comparison of the current trend of biogas heat consumption against the NREAP (National Renewable Energy Action Plans) roadmap (in ktoe)



Source: EurObserv'ER 2014.

# BAROMETER RENEWABLE MUNICIPAL WASTE

**8.7 Mtoe**  
Of primary energy produced from  
the combustion of renewable municipal waste  
in the European Union in 2013.  
A study carried out by EurObserv'ER. 

## Key data for EU-28 in the year 2013:

- Primary energy from combustion of renewable municipal waste: 8.7 Mtoe (similar for 2012)
- The growth of primary energy output from renewable municipal waste: +0.7%
- Gross electricity production from renewable municipal waste: 18.7 TWh (same for 2012)
- Gross heat production from renewable municipal waste incineration: 2.4 Mtoe (2.2 Mtoe in 2012)

## New EurObserv'ER Renewable Municipal Waste Barometer

*Preliminary estimates compiled by EurObserv'ER suggest that the production of primary renewable energy recovered by household refuse incineration plants in the countries of the European Union, only increased by 0.7% in 2013 to achieve 8.7 million toe. On the bright side of things, heat sales to networks surged, which reflected better use of the primary energy.*

Waste-to-energy recovery in the European Union is a patchwork panorama because of the political divergences on treatment methods and also delayed integration of the new Member States. At the start of the 2000s, the landfill directive of 26 April 1999 (1999/31/EC) really set the ball rolling for the construction of incineration plant totally dedicated to recovering electricity.

Countries status:

- Heat recovery makes new ground in the Netherlands;
- Two-digit growth for heat sales in Germany;
- The UK wants to make up for lost time

## Check out the Press Corner [http://www.eurobserv-er.org/press\\_corner.asp](http://www.eurobserv-er.org/press_corner.asp)

For additional information on renewable energy issues (data referring to 2012, EU Member State renewable energy employment, turnover and investments) see also the annual EurObserv'ER publication 'The State of Renewable Energies in Europe', 2013 edition: <http://www.eurobserv-er.org/pdf/bilan13-gb.asp> (PDF, English, 200 pages, 12 MB).

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.

# 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:

## Biogas Barometer

(November 2014, PDF, English language, 12 pages)

[www.energies-renouvelables.org/observ-er/stat\\_baro/observ/baro224\\_Biogas\\_en.pdf](http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro224_Biogas_en.pdf)

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## Renewable Municipal Waste Barometer

(November 2014, PDF, English language, 10 pages)

[http://www.energies-renouvelables.org/observ-er/stat\\_baro/observ/baro224\\_Dechets\\_en.pdf](http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro224_Dechets_en.pdf)

## Biofuels Barometer

(July 2014, PDF, English language, 14 pages)

[http://www.eurobserv-er.org/pdf/baro222\\_en.asp](http://www.eurobserv-er.org/pdf/baro222_en.asp)

## Solar Thermal Barometer (CSP and solar water heaters)

(May 2014, PDF, 18 pages, English language, 3.6 MB)

[http://www.eurobserv-er.org/pdf/baro221\\_en.asp](http://www.eurobserv-er.org/pdf/baro221_en.asp)

## Solar Photovoltaic Barometer

(April 2014, PDF, 16 pages, English language, 2.9 MB)

[http://www.eurobserv-er.org/pdf/baro-jdp11\\_en.asp](http://www.eurobserv-er.org/pdf/baro-jdp11_en.asp)

## Wind Power Barometer

(February 2014, PDF, English, 14 pages, 2.8 MB)

[http://www.eurobserv-er.org/pdf/baro-jde14\\_en.asp](http://www.eurobserv-er.org/pdf/baro-jde14_en.asp)

## '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](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>

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## Note to the editors

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Source: EurObserv'ER, [www.eurobserv-er.org](http://www.eurobserv-er.org), 2014