



*EurObserv'ER provides e-mail notifications at each Barometer release. Signing-in by entering your e-mail address will keep you informed on future publications. See <http://www.eurobserv-er.org>.*

*Alternatively, follow #EurObserv\_ER at  [https://twitter.com/EurObserv\\_ER](https://twitter.com/EurObserv_ER)*

# 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: Biofuels 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\\_Dejets\\_en.pdf](http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro224_Dejets_en.pdf)  
(PDF, English language, 10 pages)

Date: November 2014

Pages: 5

*⊗ Link doesn't work?  
Copy it to your web browser manually!*



# 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.

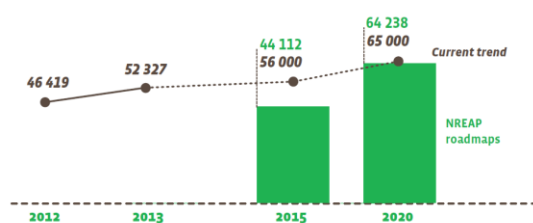
Countries status:

- 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:

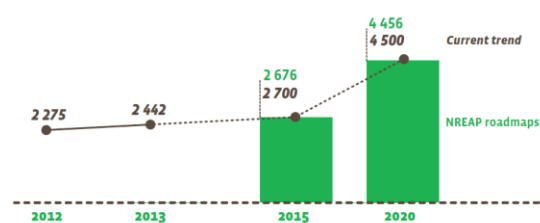
- Industry overview
- Comparison with National Renewable Energy Action Plans

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)

Ⓢ *Link doesn't work?  
Copy it to your web browser manually!*

## Renewable Municipal Waste Barometer

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

[http://www.energies-renouvelables.org/observ-er/stat\\_baro/observ/baro224\\_Dejets\\_en.pdf](http://www.energies-renouvelables.org/observ-er/stat_baro/observ/baro224_Dejets_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>

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



Co-funded by the Intelligent Energy Europe Programme of the European Union



## Note to the editors

---

For further information on this barometer, please contact:

Ms Diane Lescot  
Observ'ER  
146, rue de l'Université  
75007 Paris - France  
Tel: +33 (0) 1 44180080  
E-mail: [diane.lescot@energies-renouvelables.org](mailto:diane.lescot@energies-renouvelables.org)

Request to the editor: in case you use this press release for an article, the consortium would appreciate a short reference to the article. The reference can be sent to the e-mail address mentioned above. When including a web link to an article on the Barometer use either <http://www.eurobserv-er.org/downloads.asp> (always the most recent Barometers), or [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) (Biogas Barometer).

*The sole responsibility for the content of this publication lies with the author. It does not represent the opinion of the European Union, nor that of Ademe. Neither the EACI, the European Commission, nor Ademe or Caisse des Dépôts are responsible for any use that may be made of the information contained therein.*

*Request to the editor: if you are referring to EurObserv'ER data in an article, report or other medium, please reference the source as follows:*

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