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# Press release



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From: EurObserv'ER

Subject: **Estimates of the renewable energy share in gross final energy consumption for the year 2011 for each of the European Union countries**

Date: December 2012

Pages: 4

## Key data for the year 2011 (EU-27):

- Renewable energy share in gross **final energy** consumption: 13.4% in 2011 (12.5 % in 2010)
- Renewable energy share in total **electricity** consumption: 20.6% in 2011 (19.8% in 2010)

## European renewable energy share increases to 13.4% in 2011

*Increase is a result of more renewable energy against less energy consumption*

In the Renewable Energy Directive from 2009 all European Member States agreed to increase the share of renewable energy in gross final energy consumption in such a way that for the 27 Member States the share would be 20% by 2020. This has resulted in mandatory targets for all countries. EurObserv'ER has determined whether these countries are on track to meet their target. Calculating the share is a delicate exercise, and EurObserv'ER is the first organisation estimating this share for the year 2011.

The renewable energy share of gross final energy consumption amounts to **13.4% in 2011** against 12.5% in 2010, which represents an increase of **0.9 point** (rounded data).

This increase can be explained by the combination of a slightly higher gross consumption of final energy from renewable energy sources – **151.1 Million Tonnes of Oil Equivalent (Mtoe)** (against 148.6 Mtoe in 2010) – and of a significant decrease of the total gross final energy consumption (**1 126.6 Mtoe in 2011** against 1 184.6 Mtoe in 2010).

Gross final energy consumption from **renewable energy sources** increased by **1.7% (+2.5 Mtoe)** whereas **total gross final energy consumption** decreased by **-4.9% (-58.0 Mtoe)**. This important decrease is the consequence of an exceptionally mild winter in Europe, which has contained the need for heating, and of a slow down in economic activity.

The relatively small increase of renewable energy consumption is due to a lower consumption of wood fuel and to a relatively small increase of biofuels consumption. It is not linked to the important



decrease of the European hydroelectricity production in 2011, since the calculations presented here are based on a normalised hydroelectricity production and not on effective production.

The table below presents for all individual European Union Member States the shares of renewable energy in the national gross final energy consumption as well as the indicative trajectory for 2011 and the renewable energy target for the year 2020.

**Part de l'énergie produite à partir de sources renouvelables dans la consommation brute d'énergie finale en 2011, trajectoire indicative et objectifs 2020**

*Share of energy from renewable sources in gross final energy consumption in 2011, indicative trajectory and national overall targets in 2020*

	2010	2011*	Trajectoire indicative pour 2011 et 2012 Indicative trajectory for 2011-2012**	Objectifs 2020 de la Directive 2009/28/CE 2020 Targets from Directive 2009/28/EC**
	%	%	%	%
Sweden	48,1	47,6	41,6	49
Latvia	32,6	33,1	34,1	40
Finland	31,9	33,0	30,4	38
Austria	30,7	30,9	25,4	34
Portugal	24,5	26,8	22,6	31
Estonia	24,7	25,6	19,4	25
Romania	23,8	24,1	19,0	24
Denmark	22,1	23,5	19,6	30
Slovenia	19,2	18,5	17,8	25
Lithuania	19,7	18,3	16,6	23
Spain	13,6	15,1	11,0	20
France	13,1	13,3	12,8	23
Bulgaria	12,8	12,8	10,7	16
Germany	10,9	12,3	8,2	18
Greece	9,2	11,2	9,1	18
Italy	9,9	11,2	7,6	17
Poland	9,6	10,6	8,8	15
Czech Republic	9,2	10,4	7,5	13
Slovakia	9,8	9,5	8,2	14
Hungary	8,7	8,2	6,0	13
Ireland	5,5	6,1	5,7	16
Cyprus	5,2	6,0	4,9	13
Belgium	5,0	5,6	4,4	13
Netherlands	3,7	4,4	4,7	14
United Kingdom	3,3	3,8	4,0	15
Luxembourg	2,9	2,8	2,9	11
Malta	0,1	0,4	2,0	10
European Union (27 countries)	12,5	13,4	-	20
* Estimation/Estimate				
** Tous les pourcentages proviennent de l'annexe I de la directive 2009/28/CE. La trajectoire indicative a été calculée à partir de la partie B de l'annexe./All percentages originate from Annex I of Directive 2009/28/EC. The indicative trajectory has been calculated from Part B of the Annex				



EurObserv'ER will publish refined estimations in its annual publication "The state of renewable energies in Europe", which will be available in January 2013. In this publication you will find a complete and updated overview of all renewable energy sectors.

#### **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 2012/2011 EurObserv'ER publications:

##### **Solid Biomass Barometer**

(December 2012, PDF, English/French language, 16 pages, 2.1 MB)

<http://www.eurobserv-er.org/pdf/baro212biomassEu.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>

##### **Biofuels Barometer**

(July 2012, PDF, English/French language, 21 pages, 3.6 MB)

<http://www.eurobserv-er.org/pdf/baro210.asp>

##### **Solar Thermal Barometer**

(June 2012, PDF, 24 pages, English/French language, 3.7 MB):

<http://www.eurobserv-er.org/pdf/baro209.asp>

##### **Solar Photovoltaic Barometer**

(April 2012, PDF, 24 pages, English/French language, 4.3 MB):

<http://www.eurobserv-er.org/pdf/baro208.asp>

##### **Wind Power Barometer**

<http://www.eurobserv-er.org/pdf/baro207.asp>

(February 2012, PDF, English/French, 28 pages, 4.6 MB):

'The State of Renewable Energies in Europe', 2011 edition:

<http://www.eurobserv-er.org/pdf/bilan11.asp>

(January 2012, PDF, English/French language, 248 pages, 12.7 MB)

##### **Ground source Heat Pump Barometer**

(September 2011, PDF, English/French language, 20 pages, 2.6 MB)

<http://www.eurobserv-er.org/pdf/baro205.asp>

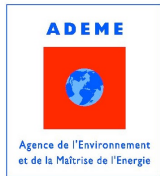
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**Note:** the interactive database on the website (click on '*Interactive EurObserv'ER Database*' on the [www.eurobserv-er.org](http://www.eurobserv-er.org) homepage) allows you to download the Barometer data separately. This will allow you to create your own graphs to be used in your publication.

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#### **Note to the editors**

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