

Renewable energy indicators

Fig. 1 Share of renewable energy in gross final energy consumption

	2006	2007	2008	2020 target
EU-27	8.8%	9.7%	10.3%	20.0%
BE	2.7%	3.0%	3.3%	13.0%
BG	9.3%	9.1%	9.4%	16.0%
CZ	6.4%	7.3%	7.2%	13.0%
DK	16.8%	18.1%	18.8%	30.0%
DE	6.9%	9.0%	8.9%	18.0%
EE	16.1%	17.1%	19.1%	25.0%
IE	3.0%	3.4%	3.8%	16.0%
EL	7.2%	8.1%	8.0%	18.0%
ES	9.1%	9.6%	10.7%	20.0%
FR	9.6%	10.2%	11.0%	23.0%
IT	5.3%	5.2%	6.8%	17.0%
CY	2.5%	3.1%	4.1%	13.0%
LV	31.3%	29.7%	29.9%	40.0%
LT	14.7%	14.2%	15.3%	23.0%
LU	0.9%	2.0%	2.1%	11.0%
HU	5.1%	6.0%	6.6%	13.0%
MT	0.1%	0.2%	0.2%	10.0%
NL	2.5%	3.0%	3.2%	14.0%
AT	24.8%	26.6%	28.5%	34.0%
PL	7.4%	7.4%	7.9%	15.0%
PT	20.5%	22.2%	23.2%	31.0%
RO	17.5%	18.7%	20.4%	24.0%
SI	15.5%	15.6%	15.1%	25.0%
SK	6.2%	7.4%	8.4%	14.0%
FI	29.2%	28.9%	30.5%	38.0%
SE	42.7%	44.2%	44.4%	49.0%
UK	1.5%	1.7%	2.2%	15.0%

Source: Eurostat

Fig. 2 Share of electricity from renewable sources in gross electricity consumption

	2006	2007	2008
EU-27	15.1%	15.8%	16.6%
BE	3.1%	3.6%	4.6%
BG	8.7%	8.8%	9.4%
CZ	4.1%	4.6%	5.2%
DK	24.2%	25.2%	26.1%
DE	11.5%	12.9%	14.0%
EE	1.4%	1.5%	2.1%
IE	8.7%	10.0%	11.2%
EL	8.9%	9.3%	9.7%
ES	19.6%	21.3%	23.3%
FR	14.1%	14.3%	14.4%
IT	15.8%	15.9%	16.6%
CY	0.0%	0.1%	0.3%
LV	40.4%	38.6%	38.7%
LT	4.0%	4.7%	4.9%
LU	3.2%	3.3%	3.6%
HU	3.5%	4.2%	5.3%
MT	0.0%	0.0%	0.0%
NL	6.6%	6.0%	7.5%
AT	62.8%	65.0%	65.1%
PL	3.1%	3.5%	4.3%
PT	28.4%	31.4%	33.3%
RO	28.1%	28.1%	28.1%
SI	28.2%	27.7%	30.0%
SK	15.9%	16.3%	17.1%
FI	26.4%	25.4%	27.2%
SE	51.8%	53.2%	53.6%
UK	4.5%	4.8%	5.4%

Source: Eurostat

Fig. 3 Share of renewable sources in final energy consumption for heat

	2006	2007	2008
EU-27	10.3%	11.5%	11.9%
BE	3.8%	3.7%	4.1%
BG	14.9%	14.1%	15.0%
CZ	9.7%	11.7%	11.2%
DK	25.2%	28.0%	29.1%
DE	5.5%	8.5%	8.4%
EE	30.8%	32.5%	35.7%
IE	3.3%	3.5%	3.3%
EL	12.5%	14.5%	14.3%
ES	11.4%	11.3%	11.7%
FR	12.1%	12.6%	12.9%
IT	3.6%	3.4%	5.5%
CY	8.4%	10.6%	11.3%
LV	42.6%	42.4%	43.0%
LT	25.7%	25.5%	28.0%
LU	1.7%	1.8%	2.0%
HU	7.7%	9.0%	8.4%
MT	2.6%	3.1%	3.4%
NL	2.2%	2.3%	2.3%
AT	23.4%	26.0%	26.0%
PL	11.1%	11.4%	11.3%
PT	34.0%	35.6%	37.8%
RO	18.2%	20.1%	22.8%
SI	18.6%	20.4%	19.3%
SK	4.6%	6.5%	6.4%
FI	40.2%	40.8%	42.0%
SE	58.8%	61.9%	63.1%
UK	0.9%	1.0%	1.1%

Source: Eurostat

Comments

The shares for France are based on statistics for Metropolitan France only.

Methodology

Fig. 1: The indicator 'Share of renewable energy in the gross final energy consumption' is calculated on the basis of energy statistics covered by the Energy Statistics Regulation. It may be considered an estimate of the relevant indicator described in Directive 2009/28/EC, as the statistical system for some renewable energy technologies is not yet fully developed to meet the requirements of this Directive. However, the contribution of these technologies is rather marginal for the time being.

Fig. 2: The contribution of hydro and wind electricity in the nominator of the indicator 'Share of electricity from renewable sources in gross electricity consumption' is normalised using the method described in Annex II of the Directive 2009/28/EC.

Fig. 3 and Fig. 1: Information on the contribution of heat pumps is included in the calculation of these two indicators for the Member States for which data was readily available.

The indicators presented are calculated with 'SHARES', an informatics application developed by Eurostat and the national energy statistics authorities for the calculation of renewable energy shares on the basis of detailed national energy statistics covered by the Energy Statistics Regulation. This application was also used to transmit to Eurostat additional information (where available) required for the calculation of renewable energy indicators not covered by the Statistical Regulation.

Further information

Eurostat Website: <http://ec.europa.eu/eurostat>

Data on "Energy statistics"

<http://epp.eurostat.ec.europa.eu/portal/page/portal/energy/data/database>

More information about the renewable energy shares calculation methodology and Eurostat's annual energy statistics can be found in [the Renewable Energy Directive 2009/28/EC](#), the [Energy Statistics Regulation 1099/2008](#) and in DG ENERGY transparency platform http://ec.europa.eu/energy/renewables/index_en.htm.

European Statistical Data Support:

Contact details for this support network can be found on our Internet site:

<http://ec.europa.eu/eurostat/>

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