

Share of renewable energy in gross final energy consumption

[REMOVE](#) [1]

This indicator provides the share of renewable energies based on the final energy consumption of a country.

Data host:

Eurostat

Unit of Measurement:

Percentage (%)

Link to Data:

<http://ec.europa.eu/eurostat/tgm/table.do> [2]

Type of Indicator source:

- [Statistical office](#) [3]

Geographical Level:

- [National](#) [4]

Same/similar indicators appears in the following sets:

- [OECD Green Growth Indicators](#) [5]
- [WikiProgress.Stat for Healthy Societies](#) [6]
- [Europe 2020 Indicators](#) [7]
- [Environment Policy Review \(EPR\) 2009 Indicators](#) [8]
- [EU Eurostat SDI Indicators](#) [9]
- [European System of Social Indicators](#) [10]
- [Eurostat Resource Efficiency Scoreboard](#) [11]
- [EEA's environmental indicators/Environmental Pressure indicators](#) [12]

Methodological transparency:

- [Complete methodology available](#) [13]

Indicator relation: Indicator: [Share of renewable energy in electricity](#) [14]

Relationship explanation: Renewable energy on gross final energy consumption is focusing on the total final energy and not singular on electricity.

Type of relation: Similar indicator

Indicator: [Share of renewable energy in fuel consumption of transport](#) [15]

Relationship explanation: This indicator is focusing on renewable energy in fuel as one aspect of energy consumption.

Type of relation: Similar indicator

Indicator: [Share of renewable energy in heating and cooling](#) [16]

Relationship explanation: This indicator is focusing on renewable energy in heating and cooling as one aspect of energy consumption.

Type of relation: Similar indicator

Indicator: [Final electricity consumption by sector](#) [17]

Relationship explanation: Electricity is one aspect of final energy consumption. Each indicator is calculated by sector.

Type of relation: Similar indicator

Indicator: [Electricity generated from renewable sources](#) [18]

Relationship explanation: The indicator electricity generation (as one aspect of energy) is on the production side while the indicator on energy consumption is on the usage of energy side.

Type of relation: Similar indicator

Indicator: [Primary energy consumption](#) [19]

Relationship explanation: The Headline Indicator Primary energy consumption is in a relation to the "Share of renewable energy in gross final energy consumption".

Type of relation: Similar indicator

Indicator: [Greenhouse gas emissions per capita](#) [20]

Relationship explanation: The Headline Indicator Greenhouse gas emissions per capita is in a relation to the "Share of renewable energy in gross final energy consumption".

Type of relation: Similar indicator

Indicator: [Resource Efficiency Scoreboard](#) [21]

Type of relation: Aggregated indicator which includes the component

Temporal Coverage:

2004 to 2013

Frequency of Updates:

- [annually](#) [22]

Indicator developer:

Eurostat, the statistical office of the European Union

Link to Methodology:

[Indicator Profile \(ESMS\)](#) [23]

-
- [Home](#)
 - [About the website](#)
 - [About the search options](#)
 - [About the data in our Factsheets](#)

Aggregation level of indicator:

- [Aggregate](#) [24]

Data quality assesment:

- [Assessed by statistical office](#) [25]

Publishing delay:

- [1-3 years](#) [26]

Link to data quality assessment:

[Indicator Profile \(ESMS\)](#) [23]

Contribution to the green economy:

"The use of renewable energy sources is seen as a key element in energy policy, reducing the dependence on fuel imported from non-EU countries, reducing emissions from fossil fuel sources, and decoupling energy costs from oil prices." (Eurostat, <http://ec.europa.eu/eurostat/web/energy/data/shares>, 2015-03-24)

Cost of accessing data:

- [free of charge](#) [27]

Potential misinterpretation: The share of renewable energy sources does not give the overall view of greenhouse gas emissions of a country (e.g. per capita). It provides information on the share of energy production which is only one of different emitter of greenhouse gas emissions.

Related Indicator: [Greenhouse gas emissions per capita](#) [20]

Potential misinterpretation: The share of renewable energy may increase while the energy consumption of non renewable energy may still increase in total.

Related Indicator: [Total energy consumption — outlook from EEA](#) [28]

Potential misinterpretation: Is the share of renewables increasing whilst the greenhouse gas emissions are declining, but nuclear energy (and its waste production) is increasing too?

Related Indicator: [Nuclear energy and waste production](#) [29]

Potential misinterpretation: Is the share of renewable energy in gross final energy consumption increasing, but energy imports (of potentially not-renewables) are increasing too?

Related Indicator: [Energy imports, net \(% of energy use\)](#) [30]



The NETGREEN project has received funding from the European Union's Seventh Framework Programme for Research, Technological Development and Demonstration under the Grant Agreement no. 603877.

Source URL: <https://measuring-progress.eu/share-renewable-energy-gross-final-energy-consumption>

Links

- [1] <https://measuring-progress.eu/coll-del/nojs/942>
- [2] http://ec.europa.eu/eurostat/tgm/table.do?tab=table&init=1&plugin=0&language=en&pcode=t2020_31&tableSelection=1
- [3] <https://measuring-progress.eu/taxonomy/term/45>
- [4] <https://measuring-progress.eu/taxonomy/term/33>
- [5] <https://measuring-progress.eu/taxonomy/term/90>
- [6] <https://measuring-progress.eu/taxonomy/term/95>
- [7] <https://measuring-progress.eu/taxonomy/term/72>
- [8] <https://measuring-progress.eu/taxonomy/term/66>
- [9] <https://measuring-progress.eu/taxonomy/term/67>
- [10] <https://measuring-progress.eu/taxonomy/term/74>
- [11] <https://measuring-progress.eu/indicator-set/eurostat-resource-efficiency-scoreboard>
- [12] <https://measuring-progress.eu/taxonomy/term/65>
- [13] <https://measuring-progress.eu/taxonomy/term/34>
- [14] <https://measuring-progress.eu/share-renewable-energy-electricity>
- [15] <https://measuring-progress.eu/share-renewable-energy-fuel-consumption-transport-%C2%A0%C2%A0-%C2%A0%C2%A0>
- [16] <https://measuring-progress.eu/share-renewable-energy-heating-and-cooling>
- [17] <https://measuring-progress.eu/final-electricity-consumption-sector>
- [18] <https://measuring-progress.eu/electricity-generated-renewable-sources-%C2%A0%C2%A0%C2%A0-%C2%A0>
- [19] <https://measuring-progress.eu/primary-energy-consumption>
- [20] <https://measuring-progress.eu/greenhouse-gas-emissions-capita>
- [21] <https://measuring-progress.eu/resource-efficiency-scoreboard>
- [22] <https://measuring-progress.eu/taxonomy/term/17>
- [23] http://ec.europa.eu/eurostat/cache/metadata/EN/t2020_31_esmsip.htm
- [24] <https://measuring-progress.eu/taxonomy/term/28>
- [25] <https://measuring-progress.eu/taxonomy/term/38>
- [26] <https://measuring-progress.eu/taxonomy/term/25>
- [27] <https://measuring-progress.eu/taxonomy/term/9>
- [28] <https://measuring-progress.eu/total-energy-consumption-%E2%80%94-outlook-eea>
- [29] <https://measuring-progress.eu/nuclear-energy-and-waste-production>
- [30] <https://measuring-progress.eu/energy-imports-net-energy-use>