

Energy from renewable sources in 2023

18.12.2024

16.5%

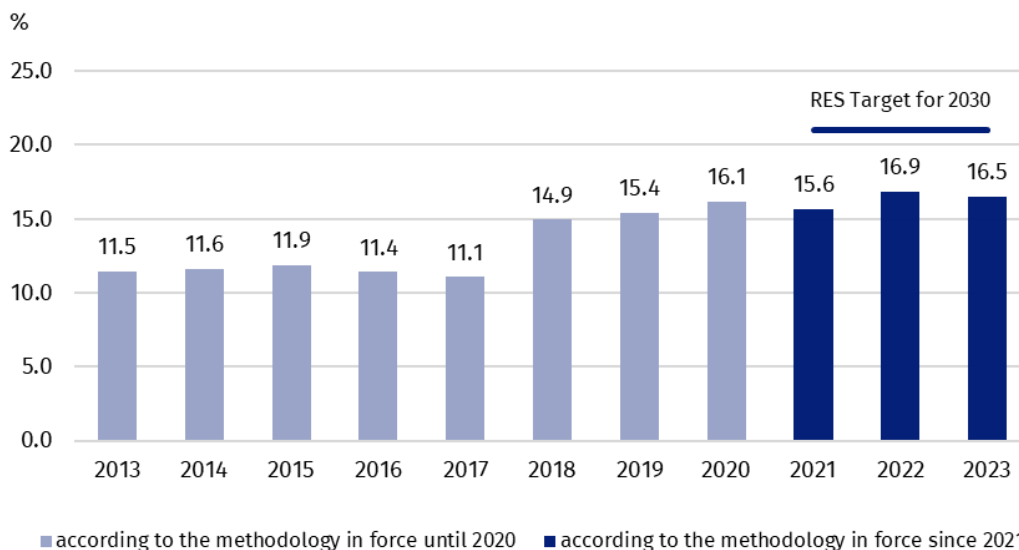
The share of energy from renewables in gross final energy consumption

In 2023, the share of energy from renewable sources in gross final energy consumption amounted to 16.5%, which constitute an decrease of 0.4 percentage points compared to 2022. At the same time, the power sector recorded an increase of 4.8 percentage points in the share of electricity from renewable energy sources in gross final energy consumption compared to the previous year.

Total and sectoral share of energy from renewable sources in 2013-2023

Directive (EU) 2018/2001 of the European Parliament and of the Council of 11 December 2018 on the promotion of the use of energy from renewable sources (recast) established new targets for the European Union for 2030 and modified the rules for calculating the share of energy from renewable sources in gross final consumption from 2021 onwards¹. Poland submitted the 'National Energy and Climate Plan 2021-2030' to the European Commission on 30 December 2019. It includes, among others, the targets for renewable energy indicators: achieving a 21% share of RES in gross final energy consumption and achieving a 14% share of renewable energy in final energy consumption in transport.

Chart 1. Share of energy from renewable sources in gross final energy consumption

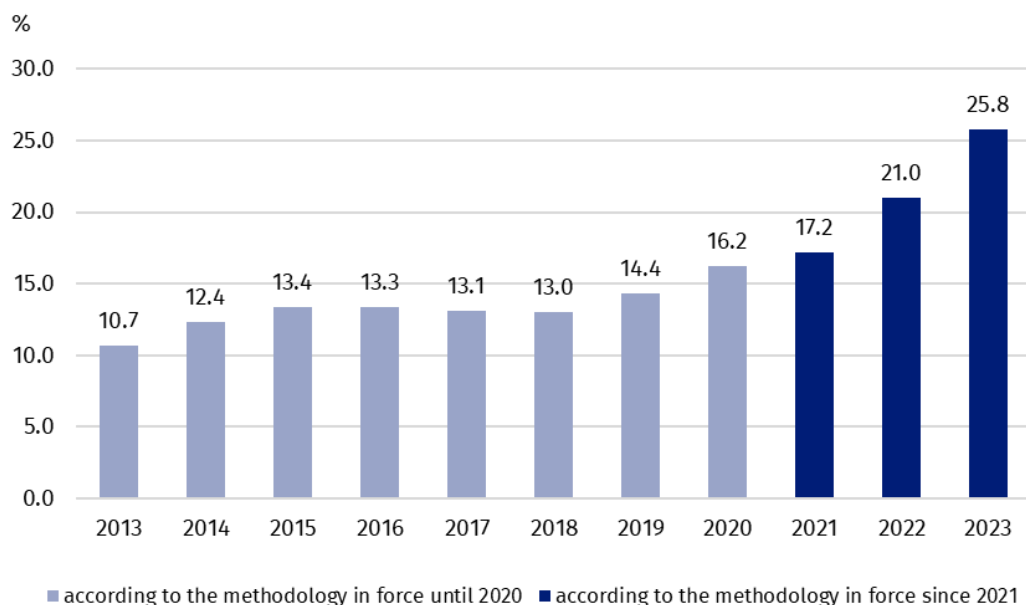


The share of energy from renewable sources in gross final energy consumption increased in 2023 by 0.9 percentage points compared to 2021.

The share of renewable energy in gross final energy consumption in 2023 in Poland was 16.5%, marking a 5.0 percentage point increase compared to 2013 but a 0.4 percentage point decrease compared to 2022.

¹ Due to the changes methodology used prior since 2021, indicators of energy from renewable sources in gross final energy consumption for earlier years are not comparable.

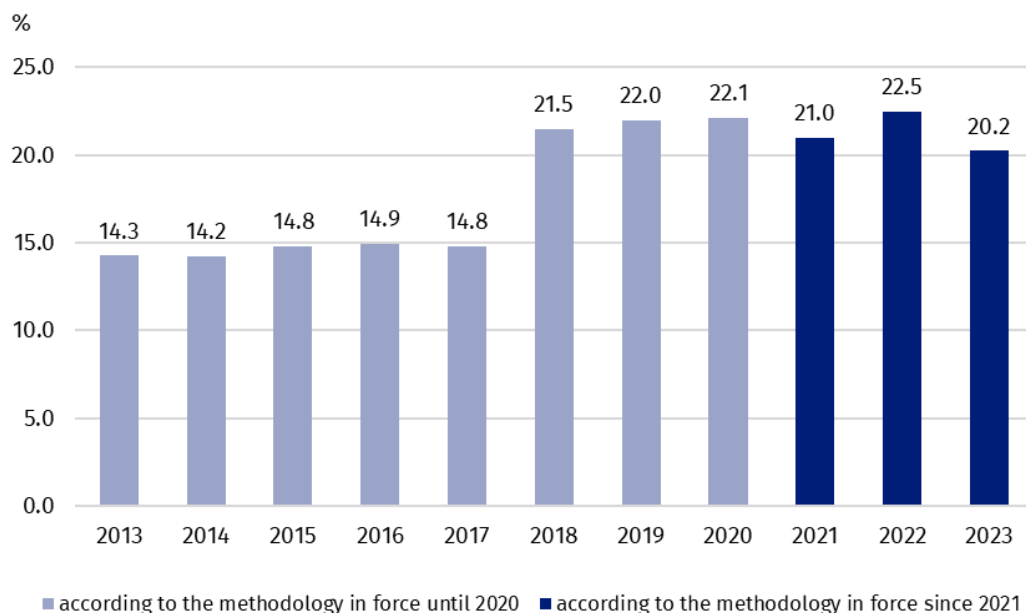
Chart 2. Share of electricity from renewable sources in gross final consumption of electricity



The share of energy from renewable sources in gross final consumption of energy in the electricity amounted to 25.8%.

The share of renewable energy in gross final consumption of electricity increased by 4.8 percentage points compared to 2022. Factors driving the increase in this indicator were an increase in gross final consumption of renewable electricity (by 17.7%) and a decrease in gross final consumption of electricity (by 4.1%).

Chart 3. Share of energy from renewable sources in gross final consumption of energy in heating and cooling

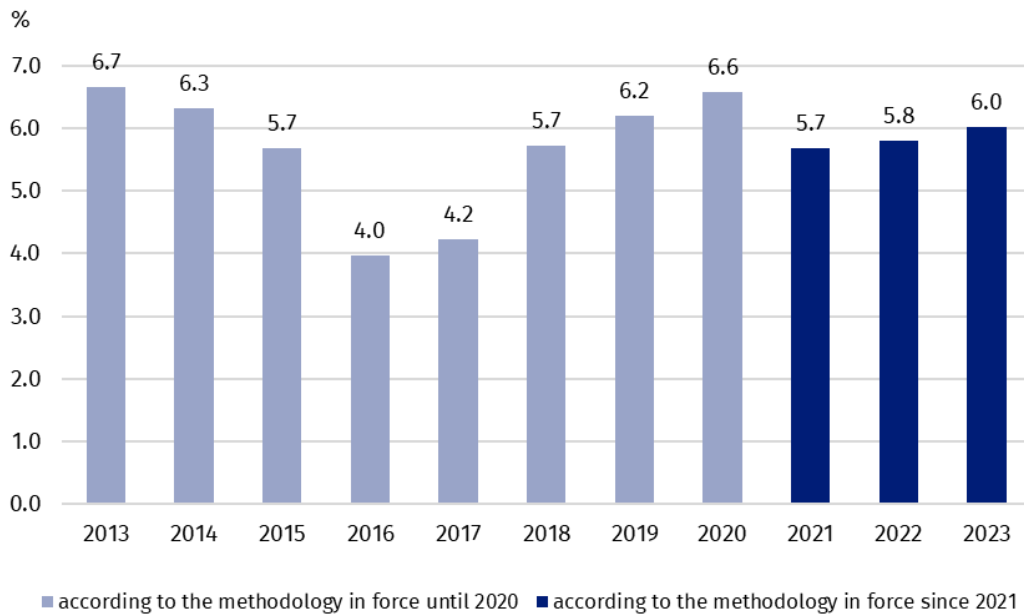


The share of energy from renewable sources in gross final energy consumption in heating and cooling in 2023 decreased by 2.3% compared to 2022.

The share of renewable energy in gross final energy consumption for heating and cooling in 2023 amounted to 20.2%. Factors contributing to the decrease in this indicator were a decrease in the final consumption of renewable energy for heating and cooling (by 13.8%) and a decrease in the total gross final consumption of energy for heating and cooling (by 4.3%).

The National Energy and Climate Plan set a target for the annual increase in the share of RES in heating and cooling of 1.1 percentage points on average per year.

Chart 4. Figure 4: Share of energy from renewable sources in gross final energy consumption in transport



The share of renewable energy in final energy consumption in transport in 2023 amounted to 6.0%. The increase in the value of the indicator (by 0.2 percentage points) was due to an increase in the final consumption of renewable energy in transport (by 3.2%) and an increase in the total gross final consumption of energy in transport (by 0.1%). The target for 2030 is set to 14%.







The data presented are based on the current version of [SHARES \(Renewables\) - Energy - Eurostat \(europa.eu\)](https://ec.europa.eu/eurostat/tgm/table.do?tab=table&init=1&language=en&plugin=1)

When quoting Statistics Poland data, please provide the information: "Source of data: Statistics Poland", and when publishing calculations made on data published by Statistics Poland, please include the following disclaimer: "Own study based on figures from Statistics Poland".

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