

Energy Consumption Market Summary, Competitive Analysis and Forecast, 2018-2027

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Abstracts

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Summary

Global Energy Consumption industry profile provides top-line qualitative and quantitative summary information including: market size (value and volume 2017-22, and forecast to 2027). The profile also contains descriptions of the leading players including key financial metrics and analysis of competitive pressures within the market.

Key Highlights

Energy consumption refers to the total amount of energy used to power a specific process, activity, or equipment. This energy can be sourced from various sources, including electricity, which is produced from resources such as coal, natural gas, nuclear, hydropower, wind, and solar power. Additionally, energy can be obtained from other sources like gas, diesel, oil, biofuels, and biomass.

The energy consumption market is classified into five main segments: coal & coal gases, oil & oil products, natural gas, nuclear, and renewables.

The market volume refers to the total amount of energy consumed in millions of tonnes of oil equivalent (toe) from various sources such as coal and coal gases (including coal and peat), oil and oil products (including crude oil), natural gas, nuclear, and renewable energy (such as hydro, geothermal, solar, and biofuel).

The market value is the overall value of energy segments calculated by multiplying the volume of each energy type by its average price.

Coal consumption refers to the amount of coal used for energy production, industrial processes, and other applications. Coal gas consumption refers explicitly to using coal-derived gas, often produced through processes like coal gasification.

Oil consumption involves the usage of crude oil or petroleum for various purposes, such as transportation, manufacturing, and energy production. Oil product consumption extends to refined products like gasoline, diesel, and petrochemicals.

Natural gas consumption involves using natural gas for heating, electricity generation, and industrial processes. It is a versatile energy source that is cleaner-burning than other fossil fuels.

Nuclear energy consumption refers to the utilization of nuclear power for electricity generation. Nuclear reactors use controlled nuclear reactions to produce heat, which is then used to generate electricity.

Renewable energy consumption involves using solar, wind, hydro, and geothermal sources to generate power. It is considered environmentally friendly due to lower emissions.

All market data and forecasts are represented in nominal terms (i.e., without adjustment for inflation). All currency conversions in this report have been calculated using constant 2022 annual average exchange rates.

The global energy consumption sector had total revenues of \$8,903.2 billion in 2022, representing a compound annual growth rate (CAGR) of 8.5% between 2017 and 2022.

Sector consumption volume increased with a CAGR of 6.1% between 2017 and 2022, to reach a total of 897.4 Mtoe in 2022.

In the global sector, Asia-Pacific accounted for the largest share of 43.3% followed by Europe (26.5%), North America (22%), South America (4.2%), and Middle East (2.7%) in 2022.

Scope

Save time carrying out entry-level research by identifying the size, growth, major segments, and leading players in the global energy consumption market

Use the Five Forces analysis to determine the competitive intensity and therefore attractiveness of the global energy consumption market

Leading company profiles reveal details of key energy consumption market players' global operations and financial performance

Add weight to presentations and pitches by understanding the future growth prospects of the global energy consumption market with five year forecasts by both value and volume

Reasons to Buy

What was the size of the global energy consumption market by value in 2022?

What will be the size of the global energy consumption market in 2027?

What factors are affecting the strength of competition in the global energy consumption market?

How has the market performed over the last five years?

What are the main segments that make up the global energy consumption market?

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