

# Global Renewable Energy Industry Profile & Value Chain Analysis

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## Abstracts

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### SUMMARY

Global Renewable Energy industry profile provides top-line qualitative and quantitative summary information including: market size (value and volume 2012-16, and forecast to 2021). The profile also contains descriptions of the leading players including key financial metrics and analysis of competitive pressures within the market.

The value/supply chain analysis reveals the business activities which comprise the global renewable energy market's value/supply chain. All key stages are highlighted, along with examples of companies active, and assessments of the burning issues for every stage of the value/supply chain. Key value/supply chain stages analyzed include raw materials, component manufacture, utility companies, and end-users.

### SYNOPSIS

Essential resource for top-line data and analysis covering the global renewable energy market. Includes market size and segmentation data, textual and graphical analysis of market growth trends, leading companies and macroeconomic information.

### KEY HIGHLIGHTS

The renewable energy market consists of the net generation of electricity through renewable sources. It is divided into five segments, these being hydroelectricity; wind energy; solar, tide and wave energy; electricity generated

through biomass and waste; and geothermal energy. The volume of the market is calculated as the net volume of electricity produced through renewable means in terawatt hours (TWh), and the market value has been calculated according to an average of annual domestic and industrial retail prices per kWh, inclusive of applicable taxes. Any currency conversions used in the creation of this report have been calculated using constant 2016 annual average exchange rates.

The global renewable energy market had total revenues of \$669bn in 2016, representing a compound annual growth rate (CAGR) of 8.5% between 2012 and 2016.

Market production volume increased with a CAGR of 6.2% between 2012 and 2016, to reach a total of 5,337.0 TWh in 2016.

China alone is expected to be responsible for 40 per cent of renewable capacity growth in the next five years, while India will double its renewable electricity capacity by 2022.

The companies involved in component manufacturing offer widely differentiated products but some are horizontally integrated

Solar-Wind-Hybrid plants could revolutionize the global market, especially in developing countries

End users in this market are those that eventually use the energy, but some have more influence than others on the market as a whole

## **SCOPE**

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

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

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

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

Quickly and easily identify the key stages and sub-stages of the global renewable energy market value/supply chain

See examples of companies active at each stage of the global renewable energy market value/supply chain

Examine trends and burning issues impacting the global renewable energy market value/supply chain

## **REASONS TO BUY**

What was the size of the global renewable energy market by value in 2016?

What will be the size of the global renewable energy market in 2021?

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

How has the market performed over the last five years?

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

Who are the top competitors in the global renewable energy market?

What are the key stages of the global renewable energy market value/supply chain?

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