

# Global Micro CHP Market Research and Forecast, 2018-2023

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## Abstracts

Micro combined heat and power (micro-CHP) is a combined technology which generates heat and electricity by using the fuel cell or through an internal combustion engine. The produced energy supports in providing power in individual homes, complexes and buildings. Heat is the main output of a micro-CHP system, with electricity generation in a ratio of about 6:1 for domestic appliances. Factors motivating the growth of this market is increasing government support & initiative for generation of renewable energy in emerging region such as Asia Pacific. This is due to its multiple energy generation specialties, heat and electricity generated simultaneously without any carbon residue. Micro CHP high price and maintenance cost may affect the growth of this market. However, continuous improvement from the global player in micro CHP devices has provided better heating boiler substitute. In addition, its uses in residential purpose towards smart energy are expected to bring new opportunity to this market

Geographically micro CHP market is divided into North America, Europe, Asia Pacific and Rest of the World. Asia Pacific region represents considerably the largest market for Micro CHP in terms of its uses and revenue generation. It is due to increasing R&D funding by government for generation of smart and renewable energy. Europe and North America are expected to have a lucrative growth in this market. The increasing adoption of renewable energy and hike in electricity prices the major reasons for Micro CHP market growth. The major countries that will contribute to the market are the US, Canada, UK, Germany, Spain, France, and Italy.

The global players in the micro CHP market include Aisin Seiki Co., Ltd., Ceres power holdings, Honda power, and MTT Micro Turbine Technology BV. The strategy adopted in these companies are continuous investments in (R&D) which made them progress over the past several years in producing various smart energy devices and micro CHP.

Continuous improvement on Micro CHP sensors helps the market player to offers high-value product and services. In March 2018 Ceres power launched its SteelCell, fuel cell which enables in more than 60% of net system efficiencies with no combustion. It doubles the efficiency of conventional combustion engine technology of micro CHP without any harmful emissions.

## **RESEARCH METHODOLOGY**

The market study of Global Micro CHP market is incorporated by extensive primary and secondary research conducted by research team at OMR. Secondary research has been conducted to refine the available data to breakdown the market in various segments, derive total market size, market forecast and growth rate. Different approaches have been worked on to derive the market value and market growth rate. Our team collects facts and data related to the market from different geography to provide a better regional outlook. In the report country level analysis is provided by analysing various regional players, regional tax laws and policies, consumer behaviour and macro-economic factors. Numbers extracted from Secondary research have been authenticated by conducting proper primary research. It includes tracking down key people from the industry and interviewing them to validate the data. This enables our analyst to derive the closest possible figures without any major deviations in the actual number. Our analysts try to contact as many executives, managers, key opinion leaders and industry experts. Primary research brings the authenticity in our reports.

## **SECONDARY SOURCES INCLUDE:**

Financial reports of companies involved in the market

Authentic Public Databases such as the FDA, WHO and others

Whitepapers, research-papers and news blogs

Company websites and their product catalogue.

The Report is intended for Micro CHP OEM manufacturers, Micro CHP parts manufacturer, Investing companies, Government Organizations for overall market analysis and competitive analysis. The report provides in-depth analysis on pricing, market size, intended quality of the product preferred by consumers. The report will serve as a source for 360-degree analysis of the market thoroughly integrating in

delivering insights into the market for better business decisions.

### **MARKET SEGMENTATION:**

Global Micro CHP market is segmented on the basis of regional outlook and following segments:

Global Micro CHP Market Research and Analysis, By product material type

Global Micro CHP Market Research and Analysis, By Application

Global Micro CHP Market Research and Analysis, By Technology

Global Micro CHP Market Research and Analysis, By End user

### **THE REPORT COVERS:**

Comprehensive research methodology of Global Micro CHP Market.

This report also includes detailed and extensive market overview with key analyst insights.

Exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the Global Micro CHP Market.

Insights about market determinants which are stimulating the Global Micro CHP Market.

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

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