

# **Global Geothermal Energy Market Size study, by Type (Binary Plants, Direct Dry Steam Plants, Flash Plants and Others (Combined Cycle or Hybrid Cycle)), Application (Domestic, Tertiary Uses, District Heating Networks, Power Production and Heat Production), and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Geothermal Energy Market is valued approximately at USD 44.1 Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 1.7 % over the forecast period 2021-2027. Geothermal Energy is a reliable and renewable source of energy that can be achieved without combustion and any other fuel burning. The future plans for geothermal energy industry show that there are signs of a move towards the increasing use of binary geothermal plants. Increasing consumer awareness about renewable and natural sources of energies are the driving factor for the market. Government investments in natural sources of energy has been increased in past few years with stringent policies for reducing carbon foot print is anticipating the growth of market in the forecasted year. Furthermore, advancement in technologies with low initial cost and higher efficiency will give opportunities in future to benefit the market. For instances: The shifting focus on renewables to reach the climate targets will positively influence the industry landscape. However, surface instability and potential emissions may impede market growth over the forecast period of 2021-2027.

Global Geothermal Energy market analysis on basis of region which includes Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the significant region across the world in terms of market share due to growing demand clean and natural source of electricity in the region. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to

government initiatives and projects in the region.

Major market player included in this report are:

Calpine

Ormat Technologies Inc.

U.S. Geothermal Inc.

Terra-Gen Power LLC

Chevron Corp.

Berkshire Hathaway Inc.

Enel Green Power North America Inc.

Gradient Resources

Toshiba International Corp.

EthosEnergy Group

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Binary Plants

Direct Dry Steam Plants

Flash Plants

Others(Combined Cycle Or Hybrid Cycle)

By Application:

Domestic

Tertiary Uses

District Heating Networks

Power Production

Heat Production

By Region:

North America

U.S.

Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Geothermal Energy Market Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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