

# **Global District Heating Market Size study & Forecast, by Heat Source (Coal, Natural Gas, Renewable, Oil & Petroleum Products, Others), by Plant Type (Boiler, CHP, Others), by Application (Residential, Commercial, Industrial) and Regional Analysis, 2023-2030**

<https://marketpublishers.com/r/G9B30C8C7069EN.html>

Date: February 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G9B30C8C7069EN

## **Abstracts**

Global District Heating Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. District heating is a centralized system for heating residential, commercial, and industrial buildings. Instead of each building having its heating system, district heating involves the production and distribution of heat from a central facility to multiple buildings through a network of insulated pipes. This system is designed to provide efficient and cost-effective heating solutions, especially in densely populated urban areas. The key factors driving the market growth are the growing demand for energy-efficient and cost-effective heating systems, increased use of renewable sources to run district heating systems, and growing rapid urbanization and industrialization that are anticipated to support the market growth during the projected period 2023-2030.

Additionally, increasing urbanization and higher population density in cities create a demand for efficient and centralized heating solutions. District heating is well-suited for densely populated areas where the concentration of buildings allows for cost-effective distribution of heat. According to The World Bank, in 2020, approximately 4.38 billion people that are around 55% of the world's population were living in urban areas. In addition, it is predicted that by 2045, around 6 billion people are living in cities, an increase of 1.5 times annually. Moreover, increasing focus on waste heat recovery for

district heating, and integration of multiple energy sources in heat generation are anticipated to create lucrative opportunities for the market over the projected period. However, the need for high initial investment, and time-consuming and complex regulatory approval processes stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global District Heating Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the urbanization and densely populated areas, government support & regulations, growing focus on sustainable and renewable energy sources, such as biomass, geothermal, solar, which aligns with the goals of district heating systems. Whereas, the Asia Pacific is expected to grow at highest growth rate over the forecast period, owing to factors such as the growing rapid urbanization and population growth, rising awareness of environmental issues and the need for sustainable energy solutions, and integration of renewable energy sources, such as solar, geothermal, and biomass, into district heating systems is gaining attention.

Major market player included in this report are:

Danfoss Group (Denmark)

Ramboll (Denmark)

Dall Energy (Denmark)

Veolia (France)

Helen (Finland)

Alfa Level (Sweden)

GE (U.S.)

Statkraft (Norway)

Uniper (Germany)

ENGIE (France)

## Recent Developments in the Market:

March 2021 – Kvitebjørn Varme AS has entered into a multi-year agreement with SWEP. Within the framework of this contract, SWEP will supply Energy Transfer Stations (ETS) to support the growth of District Heating (DH) as part of Norway's energy infrastructure.

## Global District Heating Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Heat Source, Plant Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Heat Source:

Coal

Natural Gas

Renewable

Oil & Petroleum Products

Others

By Plant Type:

Boiler

CHP

Others

By Application:

Residential

Commercial

Industrial

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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