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Global Waste Heat to Power Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Waste Heat to Power market size was valued at US$ 2700 million in 2025 and is forecast to a readjusted size of US$ 3732 million by 2032 with a CAGR of 4.8% during review period.

Waste heat to power (WHP) is the process of capturing heat discarded by an existing industrial process and using that heat to generate power.

Energy intensive industrial processes—such as those occurring at refineries, steel mills, glass furnaces, and cement kilns—all release hot exhaust gases and waste streams that can be harnessed with well-established technologies to generate electricity (see Appendix). The recovery of industrial waste heat for power is a largely untapped type of combined heat and power (CHP), which is the use of a single fuel source to generate both thermal energy (heating or cooling) and electricity.

Europe is the largest Waste Heat to Power market with about 53% market share. North America is follower, accounting for about 30% market share.

The key players are Siemens, GE, ABB, Amec Foster Wheeler, Ormat, MHI, Exergy, ElectraTherm, D?rr Cyplan, GETEC, CNBM, DaLian East, E-Rational etc. Top 3 companies occupied about 51% market share.

This report is a detailed and comprehensive analysis for global Waste Heat to Power market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that

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contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Waste Heat to Power market size and forecasts, in consumption value ($ Million), sales quantity (MW), and average selling prices (USD/KW), 2021-2032

Global Waste Heat to Power market size and forecasts by region and country, in consumption value ($ Million), sales quantity (MW), and average selling prices (USD/KW), 2021-2032

Global Waste Heat to Power market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (MW), and average selling prices (USD/KW), 2021-2032

Global Waste Heat to Power market shares of main players, shipments in revenue ($ Million), sales quantity (MW), and ASP (USD/KW), 2021-2026

The Primary Objectives in This Report Are:
To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Waste Heat to Power
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Waste Heat to Power market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Siemens, GE, ABB, Amec Foster Wheeler, Ormat, MHI, Exergy, ElectraTherm, D?rr Cyplan, GETEC, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Waste Heat to Power market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts

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for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

- Steam Rankine Cycle
- Organic Rankine Cycles
- Kalina Cycle

Market segment by Application

- Chemical Industry
- Metal Manufacturing
- Oil and Gas
- Others

Major players covered

- Siemens
- GE
- ABB
- Amec Foster Wheeler
- Ormat
- MHI
- Exergy

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ElectraTherm

D?rr Cyplan

GETEC

CNBM

DaLian East

E-Rational

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Waste Heat to Power product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Waste Heat to Power, with price, sales quantity, revenue, and global market share of Waste Heat to Power from 2021 to 2026.

Chapter 3, the Waste Heat to Power competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

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Chapter 4, the Waste Heat to Power breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Waste Heat to Power market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Waste Heat to Power.

Chapter 14 and 15, to describe Waste Heat to Power sales channel, distributors, customers, research findings and conclusion.

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