

# Global Turboexpander Market Forecast and Analysis 2016-2021

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## Abstracts

This report provides detailed analysis of worldwide markets for Turboexpander from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Turboexpander market and further lays out an analysis of the factors influencing the supply/demand for Turboexpander, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

Turboexpander, also referred to as a turbo-expander or an expansion turbine, is a centrifugal or axial flow turbine through which a high pressure gas is expanded to produce work that is often used to drive a compressor. Because work is extracted from the expanding high pressure gas, the expansion is approximated by an isentropic process (i.e., a constant entropy process) and the low pressure exhaust gas from the turbine is at a very low temperature,  $\approx 150^\circ\text{C}$  or less depending upon the operating pressure and gas properties. Partial liquefaction of the expanded gas is not uncommon. Turboexpanders are very widely used as sources of refrigeration in industrial processes such as the extraction of ethane and natural gas liquids (NGLs) from natural gas, the liquefaction of gases (such as oxygen, nitrogen, helium, argon and krypton) and other low-temperature processes. Turboexpanders currently in operation range in size from about 750 W to about 7.5 MW (1 hp to about 10,000 hp).

GCC's report, Global Turboexpander Market Forecast and Analysis 2016-2021, has been prepared based on the synthesis, analysis, and interpretation of information about the global Turboexpander market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the

market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Turboexpander market are GE Energy (USA), Honeywell (USA), Turbogaz (Ukraine), Air Products (USA), High-Speed (Germany), Linde (Germany), Air Liquide (French), Hangzhou Hangyang (China), Kaifeng Air Separation (China), SASPG (China), Chengdu Shenleng (China), UniEco (China).

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Turboexpander industry has been provided.

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## **ABBREVIATIONS**

## **DISCLAIMER**

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