Automotive Natural Gas Vehicle Market Research Report - Forecast to 2023

Report Information
More information from: [https://www.marketresearchfuture.com/reports/5750](https://www.marketresearchfuture.com/reports/5750)

Automotive Natural Gas Vehicle Market Information by Fuel Type (CNG and LNG), Vehicle Type (Light-duty, Medium-duty, and Heavy-duty), and Region – Global Forecast to 2023.

Market Scenario

Natural gas is the most efficient and abundant source of energy. It is one of the cleanest burning commercial fuels available in the market. There is a huge demand for a natural gas vehicle that satisfies emission targets of fleet operators, consumers, and manufacturers. Currently, there are more than 400,000 units of natural gas vehicles present on the road. However, there are some shortcomings in operating performance of the natural gas vehicle, such as short driving range and extra space needed for fuel storage.

Natural gas vehicle enjoys significant advantages over gasoline and diesel propelled vehicles, such as long-term price stability, very narrow flammability range, high auto-ignition temperature, relatively cheap, and simplified fuel system. These fuel characteristics make natural gas favorable to use in high-duty vehicles. Recently, natural gas production is increased due to technology advancement in natural gas extraction method. This leads to a reduction of commodity price for natural gas. The price fluctuation of natural gases is minimum as compared to crude oil price fluctuation. The rise in crude oil prices and emission of greenhouse gasses will enable the fleet operators to adopt natural gas vehicle.

The factors that are responsible for the growth of automotive natural gas vehicle market are lower fuel cost, reduction in greenhouse gas emission, and production of less carbon dioxide per unit of energy consumed. Other key drivers expected to contribute towards the growth of automotive natural gas vehicle market are growth in refueling station infrastructure and rising crude oil price. In addition to that, conversions or retrofitting are available across different platforms for consumers to get the desired fuel efficiency.

The automotive natural gas vehicle market is segmented based on fuel type and vehicle type. On the basis of fuel type, Compressed Natural Gas (CNG) is widely used and covers the majority of the automotive natural gas vehicle market. On the basis of vehicle type, heavy-duty vehicles, such as transit buses, road tractors, and trucks, have the largest demand for the automotive natural gas vehicle. There are very few Liquefied Petroleum Gas (LPG) fuel options available in light-duty and medium-duty vehicles.

Automotive Natural Gas Vehicle market, By Segmentation
The market is segmented based on America, Asia Pacific, Europe, and Rest of the World. Asia Pacific region is expected to dominate the market in future, due to the largest market share for commercial vehicle and fleet operators. For instance, China is showing growth in refueling infrastructure for CNG and LNG fuel. The America region is second to the Asia Pacific region in the automotive natural gas vehicle market due to increase in the adoption rate of the natural gas driven vehicle. Thus, the automotive natural gas vehicle market is estimated to grow at approximately 6% CAGR during the period of 2017 to 2023.

Key Players

The key players in automotive natural gas vehicle market are Dongfeng Motors Group Limited (China), AB Volvo (Sweden), Beiqi Foton Motors Group Limited (China), Shaanxi Automobile Group Limited (China), Daimler AG (Germany), and CNH Industrial NV (The Netherlands), Landi Renzo (Italy), and Westport (Canada).

The report for Global Automotive Natural Gas Vehicle Market of Market Research Future comprises extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.
3 Market Landscape
3.1 Porter’s Five Forces Analysis
3.1.1 Threat of New Entrants
3.1.2 Bargaining power of buyers
3.1.3 Threat of substitutes
3.1.4 Segment rivalry
3.1.5 Bargaining Power of Buyers
3.2 Value Chain/Supply Chain Analysis

4 Market Dynamics
4.1 Introduction
4.2 Market Drivers
4.3 Market Restraints
4.4 Market Opportunities
4.5 Market Trends

5 Automotive Natural Gas Vehicle Market, By Fuel Type
5.1 Introduction
5.2 Compressed Natural Gas
5.2.1 Market Estimates & Forecast, 2017-2023
5.2.2 Market Estimates & Forecast by Region, 2017-2023
5.3 Liquefied Natural Gas
5.3.1 Market Estimates & Forecast, 2017-2023
5.3.2 Market Estimates & Forecast by Region, 2017-2023

6 Automotive Natural Gas Vehicle Market, By Vehicle Type
6.1 Introduction
6.2 Light-duty Vehicle
6.2.1 Market Estimates & Forecast, 2017-2023
6.2.2 Market Estimates & Forecast by Region, 2017-2023
6.3 Medium-duty Vehicle
6.3.1 Market Estimates & Forecast, 2017-2023
6.3.2 Market Estimates & Forecast by Region, 2017-2023
6.4 Heavy-duty Vehicle
6.3.1 Market Estimates & Forecast, 2017-2023
6.3.2 Market Estimates & Forecast by Region, 2017-2023

7 Automotive Natural Gas Vehicle Market, By Region
7.1 Introduction
7.2 America
7.2.1 Market Estimates & Forecast, 2017-2023
7.2.2 Market Estimates & Forecast by Fuel Type, 2017-2023
7.2.3 Market Estimates & Forecast by Vehicle Type, 2017-2023
7.2.4 U.S.
7.2.4.1 Market Estimates & Forecast, 2017-2023
7.2.4.2 Market Estimates & Forecast by Fuel Type, 2017-2023
7.2.4.3 Market Estimates & Forecast by Vehicle type, 2017-2023
7.2.5 Canada
7.2.5.1 Market Estimates & Forecast, 2017-2023
7.2.5.2 Market Estimates & Forecast by Fuel Type, 2017-2023
7.2.5.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.3 Europe
8.3.1 Market Estimates & Forecast, 2017-2023
8.3.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.3.3 Market Estimates & Forecast by Vehicle Type, 2017-2023
8.3.4 U.K
8.3.4.1 Market Estimates & Forecast, 2017-2023
8.3.4.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.3.4.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.3.5 Germany
8.3.5.1 Market Estimates & Forecast, 2017-2023
8.3.5.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.3.5.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.3.6 France
8.3.6.1 Market Estimates & Forecast, 2017-2023
8.3.6.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.3.6.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.3.7 Italy
8.3.7.1 Market Estimates & Forecast, 2017-2023
8.3.7.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.3.7.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.3.8 Rest of Europe
8.3.8.1 Market Estimates & Forecast, 2017-2023
8.3.8.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.3.8.3 Market Estimates & Forecast by Vehicle type, 2017-2023

8.4 Asia Pacific
8.4.1 Market Estimates & Forecast, 2017-2023
8.4.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.4.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.4.5 China
8.4.5.1 Market Estimates & Forecast, 2017-2023
8.4.5.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.4.5.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.4.6 Japan
8.4.6.1 Market Estimates & Forecast, 2017-2023
8.4.6.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.4.6.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.4.7 India
8.4.7.1 Market Estimates & Forecast, 2017-2023
8.4.7.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.4.7.3 Market Estimates & Forecast by Vehicle type, 2017-2023
8.4.8 Rest of Asia Pacific
8.4.8.1 Market Estimates & Forecast, 2017-2023
8.4.8.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.4.8.3 Market Estimates & Forecast by Vehicle type, 2017-2023

8.5 Rest of the World
8.5.1 Market Estimates & Forecast, 2017-2023
8.5.2 Market Estimates & Forecast by Fuel Type, 2017-2023
8.5.3 Market Estimates & Forecast by Vehicle type, 2017-2023
9 Competitive Landscape

10 Company Profile

10.1 Dongfeng Motors Group Ltd (China)
  10.1.1 Company Overview
  10.1.2 Products/Product Offering
  10.1.3 Financial Overview
  10.1.4 Key Developments
  10.1.5 Strategy
  10.1.6 SWOT Analysis

10.2 AB Volvo (Sweden)
  10.2.1 Company Overview
  10.2.2 Products/Product Offering
  10.2.3 Financial Overview
  10.2.4 Key Developments
  10.2.5 Strategy
  10.2.6 SWOT Analysis

10.3 Beiqi Foton Motors Group Ltd (China)
  10.3.1 Company Overview
  10.3.2 Products/Product Offering
  10.3.3 Financial Overview
  10.3.4 Key Developments
  10.3.5 Strategy
  10.3.6 SWOT Analysis

10.4 Shaanxi Automobile Group Ltd (China)
  10.4.1 Company Overview
  10.4.2 Products/Product Offering
  10.4.3 Financial Overview
  10.4.4 Key Developments
  10.4.5 Strategy
  10.4.6 SWOT Analysis

10.5 Daimler AG (Germany)
  10.5.1 Company Overview
  10.5.2 Products/Product Offering
  10.5.3 Financial Overview
  10.5.4 Key Developments
  10.5.5 Strategy
  10.5.6 SWOT Analysis

10.6 CNH Industrial NV (The Netherlands)
  10.6.1 Company Overview
  10.6.2 Products/Product Offering
  10.6.3 Financial Overview
  10.6.4 Key Developments
  10.6.5 Strategy
  10.6.6 SWOT Analysis

10.7 Landi Renzo (Italy)
  10.7.1 Company Overview
  10.7.2 Products/Product Offering
  10.7.3 Financial Overview
10.7.4 Key Developments
10.7.5 Strategy
10.7.6 SWOT Analysis

10.8 Westport (Canada)
10.8.1 Company Overview
10.8.2 Products/Product Offering
10.8.3 Financial Overview
10.8.4 Key Developments
10.8.5 Strategy
10.8.6 SWOT Analysis

List of Tables
Table 1 Automotive Natural Gas Vehicle Market: By Region, 2017-2023
Table 2 North America Automotive Natural gas vehicle Market: By Country, 2017-2023
Table 3 Europe Automotive Natural gas vehicle Market: By Country, 2017-2023
Table 4 Asia Pacific Automotive Natural gas vehicle Market: By Country, 2017-2023
Table 5 RoW Automotive Natural gas vehicle Market: By Country, 2017-2023
Table 6 Automotive Natural Gas Vehicle Market, By Fuel Type, By Regions, 2017-2023
Table 7 North America Automotive Natural gas vehicle Market, By Fuel Type, By Country, 2017-2023
Table 8 Europe Automotive Natural gas vehicle Market, By Fuel Type, By Country, 2017-2023
Table 9 Asia Pacific Automotive Natural gas vehicle Market by Fuel Type, By Country, 2017-2023
Table 10 RoW Automotive Natural gas vehicle Market by Fuel Type, By Country, 2017-2023
Table 11 Automotive Natural Gas Vehicle Market: By Region, 2017-2023
Table 12 Automotive Natural Gas Vehicle Market: By Fuel Type, 2017-2023
Table 13 Automotive Natural Gas Vehicle Market: By Vehicle type, 2017-2023
Table 14 North America Automotive Natural gas vehicle Market, By Country
Table 15 North America Automotive Natural gas vehicle Market, By Fuel Type
Table 16 Europe: Automotive Natural gas vehicle Market, By Country
Table 17 Europe: Automotive Natural gas vehicle Market, By Fuel Type
Table 18 Europe: Automotive Natural gas vehicle Market, By Vehicle type
Table 19 Asia Pacific: Automotive Natural gas vehicle Market, By Country
Table 20 Asia Pacific: Automotive Natural gas vehicle Market, By Fuel Type
Table 21 Asia Pacific: Automotive Natural gas vehicle Market, By Vehicle type
Table 22 RoW: Automotive Natural gas vehicle Market, By Region
Table 23 RoW: Automotive Natural gas vehicle Market, By Fuel Type
Table 24 RoW: Automotive Natural gas vehicle Market, By Vehicle type

List of Figures
FIGURE 1 Research Process of MRFR
FIGURE 2 Top down & Bottom up Approach
FIGURE 3 Market Dynamics
FIGURE 4 impact analysis: market drivers
FIGURE 5 impact analysis: market restraints
FIGURE 6 porter’s five forces analysis
FIGURE 7 Value chain analysis
FIGURE 8 Automotive Natural Gas Vehicle Market SHARE, By Fuel Type, 2017 (%)
FIGURE 9 Automotive Natural Gas Vehicle Market, By Fuel Type, 2017-2023 (USD MILLION)
FIGURE 10 Automotive Natural Gas Vehicle Market SHARE, By Vehicle type, 2017 (%)