

# **Auto Gas Market Report by Type (Propane, Butane, and Others), Vehicle Type (Passenger cars, Commercial vehicles), and Region 2025-2033**

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## **Abstracts**

The global auto gas market size reached USD 54.2 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 80.9 Billion by 2033, exhibiting a growth rate (CAGR) of 4.31% during 2025-2033. The increasing concerns and awareness about environmental issues, lower maintenance costs associated with auto gas-powered vehicles, desire for energy diversification, expansion and development of auto gas infrastructure, and advancement of vehicle conversion technology, represent some of the key factors driving the market.

Auto gas, also known as autogas or liquefied petroleum gas (LPG), is a clean-burning alternative fuel commonly used in internal combustion engines. It is composed of a mixture of propane and butane gases, which are derived from the refining of crude oil or natural gas processing. Auto gas is stored in pressurized tanks in a liquid state that is converted into vapor when it is released for combustion. It offers several advantages as a fuel for vehicles, such as it is a more environment-friendly option compared to traditional gasoline or diesel fuels. Furthermore, auto gas is cost-effective as it is generally priced lower than gasoline and diesel, making it an attractive choice for budget-conscious vehicle owners. Additionally, the maintenance costs associated with auto gas-powered vehicles tend to be lower compared to traditional internal combustion engines, as auto gas burns cleaner, leading to reduced engine wear and extended lifespan of engine components.

### **Auto Gas Market Trends:**

One of the primary factors driving the market is the increasing awareness and concerns about environmental issues, such as air pollution and climate change. Auto gas is

considered a cleaner-burning fuel compared to gasoline and diesel, as it emits fewer greenhouse gases, particulate matter, and toxic pollutants. Besides this, governments and environmental organizations are promoting the use of auto gas to reduce vehicular emissions and improve air quality. Additionally, auto gas is generally priced lower than traditional fuels like gasoline and diesel. This cost advantage and the lower maintenance costs associated with auto gas-powered vehicles makes auto gas an attractive option for vehicle owners. Other than this, the availability and accessibility of auto gas refueling infrastructure are key factors influencing its market growth. Expansion of refueling stations and the establishment of a robust distribution network is essential for the wider adoption of auto gas. Moreover, governments and private companies are investing in infrastructure development to ensure convenient refueling options for auto gas users. Besides this, the advancement of vehicle conversion technology has facilitated the adoption of auto gas. Furthermore, the availability of conversion kits and the expertise of skilled technicians are making it convenient for vehicle owners to switch to auto gas without significant modifications to their vehicles. On account of these factors, the market is expected to create a positive thrust in the coming years.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global auto gas market, along with forecasts at the global, regional, and country levels from 2025-2033. Our report has categorized the market based on type and vehicle type.

#### Type Insights:

Propane

Butane

Others

The report has provided a detailed breakup and analysis of the auto gas market based on the type. This includes propane, butane, and others. According to the report, propane represented the largest segment.

#### Vehicle Type Insights:

Passenger cars

Commercial vehicles

A detailed breakup and analysis of the auto gas market based on the end user has also been provided in the report. This includes passenger cars and commercial vehicles. According to the report, passenger cars accounted for the largest market share.

#### Regional Insights:

North America

United States

Canada

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Europe was the largest market for auto gas. Some of the factors driving the Europe auto gas market included rising environmental concerns, increased focus on cost saving, and several government initiatives and policies to minimize vehicular emissions and improve air quality.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global auto gas market. Detailed profiles of all major companies have been provided. Some of the companies covered include Aygaz A.S., BP plc, China Petroleum & Chemical Corporation (China Petrochemical Corporation), Flogas Britain Limited (DCC plc), Lange Gas, Likitgaz Dagitum ve Endustri Anonim Sirketi, Shell Plc, SHV Energy N.V., Total Energies SE, Westfalen, etc. Kindly note that this only represents a

partial list of companies, and the complete list has been provided in the report.

#### Key Questions Answered in This Report:

How has the global auto gas market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global auto gas market?

What is the impact of each driver, restraint, and opportunity on the global auto gas market?

What are the key regional markets?

Which countries represent the most attractive auto gas market?

What is the breakup of the market based on the type?

Which is the most attractive type in the auto gas market?

What is the breakup of the market based on the vehicle type?

Which is the most attractive vehicle type in the auto gas market?

What is the competitive structure of the global auto gas market?

Who are the key players/companies in the global auto gas market?

## Contents

?1 Preface

## 2 SCOPE AND METHODOLOGY

2.1 Objectives of the Study

2.2 Stakeholders

2.3 Data Sources

2.3.1 Primary Sources

2.3.2 Secondary Sources

2.4 Market Estimation

2.4.1 Bottom-Up Approach

2.4.2 Top-Down Approach

2.5 Forecasting Methodology

## 3 EXECUTIVE SUMMARY

## 4 INTRODUCTION

4.1 Overview

4.2 Key Industry Trends

## 5 GLOBAL AUTO GAS MARKET

5.1 Market Overview

5.2 Market Performance

5.3 Impact of COVID-19

5.4 Market Forecast

## 6 MARKET BREAKUP BY TYPE

6.1 Propane

6.1.1 Market Trends

6.1.2 Market Forecast

6.2 Butane

6.2.1 Market Trends

6.2.2 Market Forecast

6.3 Others

6.3.1 Market Trends

6.3.2 Market Forecast

## **7 MARKET BREAKUP BY VEHICLE TYPE**

7.1 Passenger Cars

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Commercial Vehicles

7.2.1 Market Trends

7.2.2 Market Forecast

## **8 MARKET BREAKUP BY REGION**

8.1 North America

8.1.1 United States

8.1.1.1 Market Trends

8.1.1.2 Market Forecast

8.1.2 Canada

8.1.2.1 Market Trends

8.1.2.2 Market Forecast

8.2 Asia-Pacific

8.2.1 China

8.2.1.1 Market Trends

8.2.1.2 Market Forecast

8.2.2 Japan

8.2.2.1 Market Trends

8.2.2.2 Market Forecast

8.2.3 India

8.2.3.1 Market Trends

8.2.3.2 Market Forecast

8.2.4 South Korea

8.2.4.1 Market Trends

8.2.4.2 Market Forecast

8.2.5 Australia

8.2.5.1 Market Trends

8.2.5.2 Market Forecast

8.2.6 Indonesia

8.2.6.1 Market Trends

- 8.2.6.2 Market Forecast
- 8.2.7 Others
  - 8.2.7.1 Market Trends
  - 8.2.7.2 Market Forecast
- 8.3 Europe
  - 8.3.1 Germany
    - 8.3.1.1 Market Trends
    - 8.3.1.2 Market Forecast
  - 8.3.2 France
    - 8.3.2.1 Market Trends
    - 8.3.2.2 Market Forecast
  - 8.3.3 United Kingdom
    - 8.3.3.1 Market Trends
    - 8.3.3.2 Market Forecast
  - 8.3.4 Italy
    - 8.3.4.1 Market Trends
    - 8.3.4.2 Market Forecast
  - 8.3.5 Spain
    - 8.3.5.1 Market Trends
    - 8.3.5.2 Market Forecast
  - 8.3.6 Russia
    - 8.3.6.1 Market Trends
    - 8.3.6.2 Market Forecast
  - 8.3.7 Others
    - 8.3.7.1 Market Trends
    - 8.3.7.2 Market Forecast
- 8.4 Latin America
  - 8.4.1 Brazil
    - 8.4.1.1 Market Trends
    - 8.4.1.2 Market Forecast
  - 8.4.2 Mexico
    - 8.4.2.1 Market Trends
    - 8.4.2.2 Market Forecast
  - 8.4.3 Others
    - 8.4.3.1 Market Trends
    - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
  - 8.5.1 Market Trends
  - 8.5.2 Market Breakup by Country



### 8.5.3 Market Forecast

## **9 DRIVERS, RESTRAINTS, AND OPPORTUNITIES**

### 9.1 Overview

### 9.2 Drivers

### 9.3 Restraints

### 9.4 Opportunities

## **10 VALUE CHAIN ANALYSIS**

## **11 PORTERS FIVE FORCES ANALYSIS**

### 11.1 Overview

### 11.2 Bargaining Power of Buyers

### 11.3 Bargaining Power of Suppliers

### 11.4 Degree of Competition

### 11.5 Threat of New Entrants

### 11.6 Threat of Substitutes

## **12 PRICE ANALYSIS**

## **13 COMPETITIVE LANDSCAPE**

### 13.1 Market Structure

### 13.2 Key Players

### 13.3 Profiles of Key Players

#### 13.3.1 Aygaz A.S.

##### 13.3.1.1 Company Overview

##### 13.3.1.2 Product Portfolio

##### 13.3.1.3 Financials

##### 13.3.1.4 SWOT Analysis

#### 13.3.2 BP p.l.c.

##### 13.3.2.1 Company Overview

##### 13.3.2.2 Product Portfolio

##### 13.3.2.3 Financials

##### 13.3.2.4 SWOT Analysis

#### 13.3.3 China Petroleum & Chemical Corporation (China Petrochemical Corporation)

##### 13.3.3.1 Company Overview

- 13.3.3.2 Product Portfolio
- 13.3.3.3 Financials
- 13.3.3.4 SWOT Analysis
- 13.3.4 Flogas Britain Limited (DCC plc)
  - 13.3.4.1 Company Overview
  - 13.3.4.2 Product Portfolio
- 13.3.5 Lange Gas
  - 13.3.5.1 Company Overview
  - 13.3.5.2 Product Portfolio
- 13.3.6 Likitgaz Dagitim ve Endüstri Anonim Sirketi
  - 13.3.6.1 Company Overview
  - 13.3.6.2 Product Portfolio
- 13.3.7 Shell plc
  - 13.3.7.1 Company Overview
  - 13.3.7.2 Product Portfolio
  - 13.3.7.3 Financials
- 13.3.8 SHV Energy N.V. (SHV Holdings)
  - 13.3.8.1 Company Overview
  - 13.3.8.2 Product Portfolio
- 13.3.9 TotalEnergies SE
  - 13.3.9.1 Company Overview
  - 13.3.9.2 Product Portfolio
  - 13.3.9.3 Financials
  - 13.3.9.4 SWOT Analysis
- 13.3.10 Westfalen
  - 13.3.10.1 Company Overview
  - 13.3.10.2 Product Portfolio

Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

## List Of Tables

### LIST OF TABLES

Table 1: Global: Auto Gas Market: Key Industry Highlights, 2024 & 2033

Table 2: Global: Auto Gas Market Forecast: Breakup by Type (in Million USD),  
2025-2033

Table 3: Global: Auto Gas Market Forecast: Breakup by Vehicle Type (in Million USD),  
2025-2033

Table 4: Global: Auto Gas Market Forecast: Breakup by Region (in Million USD),  
2025-2033

Table 5: Global: Auto Gas Market: Competitive Structure

Table 6: Global: Auto Gas Market: Key Players

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Auto Gas Market: Major Drivers and Challenges
- Figure 2: Global: Auto Gas Market: Sales Value (in Billion USD), 2019 & 2024
- Figure 3: Global: Auto Gas Market Forecast: Sales Value (in Billion USD), 2025-2033
- Figure 4: Global: Auto Gas Market: Breakup by Type (in %), 2024
- Figure 5: Global: Auto Gas Market: Breakup by Vehicle Type (in %), 2024
- Figure 6: Global: Auto Gas Market: Breakup by Region (in %), 2024
- Figure 7: Global: Auto Gas (Propane) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 8: Global: Auto Gas (Propane) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 9: Global: Auto Gas (Butane) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 10: Global: Auto Gas (Butane) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 11: Global: Auto Gas (Other Types) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 12: Global: Auto Gas (Other Types) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 13: Global: Auto Gas (Passenger Cars) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 14: Global: Auto Gas (Passenger Cars) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 15: Global: Auto Gas (Commercial Vehicles) Market: Sales Value (in Million USD), 2019 & 2024
- Figure 16: Global: Auto Gas (Commercial Vehicles) Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 17: North America: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024
- Figure 18: North America: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 19: United States: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024
- Figure 20: United States: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 21: Canada: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024
- Figure 22: Canada: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033
- Figure 23: Asia-Pacific: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024
- Figure 24: Asia-Pacific: Auto Gas Market Forecast: Sales Value (in Million USD),

2025-2033

Figure 25: China: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 26: China: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 27: Japan: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 28: Japan: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 29: India: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 30: India: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 31: South Korea: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 32: South Korea: Auto Gas Market Forecast: Sales Value (in Million USD),  
2025-2033

Figure 33: Australia: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 34: Australia: Auto Gas Market Forecast: Sales Value (in Million USD),  
2025-2033

Figure 35: Indonesia: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 36: Indonesia: Auto Gas Market Forecast: Sales Value (in Million USD),  
2025-2033

Figure 37: Others: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 38: Others: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 39: Europe: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 40: Europe: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 41: Germany: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 42: Germany: Auto Gas Market Forecast: Sales Value (in Million USD),  
2025-2033

Figure 43: France: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 44: France: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 45: United Kingdom: Auto Gas Market: Sales Value (in Million USD), 2019 &  
2024

Figure 46: United Kingdom: Auto Gas Market Forecast: Sales Value (in Million USD),  
2025-2033

Figure 47: Italy: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 48: Italy: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 49: Spain: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 50: Spain: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 51: Russia: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 52: Russia: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 53: Others: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 54: Others: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 55: Latin America: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 56: Latin America: Auto Gas Market Forecast: Sales Value (in Million USD),

2025-2033

Figure 57: Brazil: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 58: Brazil: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 59: Mexico: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 60: Mexico: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 61: Others: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 62: Others: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 63: Middle East and Africa: Auto Gas Market: Sales Value (in Million USD), 2019 & 2024

Figure 64: Middle East and Africa: Auto Gas Market: Breakup by Country (in %), 2024

Figure 65: Middle East and Africa: Auto Gas Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 66: Global: Auto Gas Industry: Drivers, Restraints, and Opportunities

Figure 67: Global: Auto Gas Industry: Value Chain Analysis

Figure 68: Global: Auto Gas Industry: Porter's Five Forces Analysis

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