

Global Ethanol Vehicle Market Size study & Forecast, by Type (Trucks, Cars, Others), by Fuel Type (Gasoline, Diesel), by Blend Type (E10 to E25, E25 to E85, Above E85), by Drive Type (Front Wheel Drive (FWD), Rear Wheel Drive (RWD), All Wheel Drive (AWD)) and Regional Analysis, 2022-2029

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Abstracts

Global Ethanol Vehicle Market is valued at approximately USD 564.3 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 9.1% over the forecast period 2022-2029. Ethanol Vehicle also called Flexible fuel vehicles (FFVs) come with an internal combustion engine and are capable of operating on gasoline as well as on any blend of gasoline and ethanol up to 83%. For example - E85 (or flex fuel) is a gasoline-ethanol blend containing 51% to 83% ethanol, depending on geography and season. The exhausting fossil-fuel reserves, & high CO₂ emission from vehicles as well as stringent regulations from government authorities are key factors driving the market growth.

The increasing emission of greenhouse gasses from vehicles is contributing towards the growth of the Global Ethanol Vehicle Market. For instance – according to Statista – as of 2022, transportation is the fastest growing source of emissions worldwide and accounts for 17 percent of global greenhouse gas emissions, second to the power sector. Furthermore, as per U.S. Environmental Protection Agency (EPA) – on average, a typical passenger vehicle emits about 4.6 metric tons of carbon dioxide per year. Additionally, this amount varies based on a vehicle's fuel, fuel economy, and the number of miles driven per year. Also, growing integration of sustainable automotive technologies and favorable initiatives from government to promote ethanol blending would create a lucrative growth prospectus for the market over the forecast period.

However, lack of ethanol-based fuel station infrastructure and concern over engine damage issues stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Ethanol Vehicle Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific dominated the market in terms of revenue, owing to the dominance of leading market players as well as the region being the hub of automotive manufacturing industry. Whereas Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as rising number of initiatives from authorities in the region to promote adoption flex fueled vehicles as well as growing investment in ethanol fueling infrastructure in the region.

Major market players included in this report are:

AB Volvo
BMW AG
Daimler AG
Deere & Company
Ford Motor Company
General Motors Company
Honda Motor Co., Ltd.
Mitsubishi Motors Corporation
Nissan Motor Corporation
Scania AB

Recent Developments in the Market:

in April 2019, Ford Motor Company re-launched its Ford Kuga EcoBoost E85 in Europe in France and Sweden. This new vehicle is flex fuel model and emits 40% less or just 94 g/km, Co2 from the previous model.

In October 2022, Japanese multinational automotive manufacturer Toyota launched its first ethanol powered vehicle in India.

Global Ethanol Vehicle Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered Type, Fuel Type, Blend Type, Drive Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

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 Type

Trucks

Cars

Others

By Fuel Type

Gasoline

Diesel

By Blend Type

E10 to E25

E25 to E85

Above E85

By Drive Type

Front Wheel Drive (FWD)

Rear Wheel Drive (RWD),

All Wheel Drive (AWD)

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
RoLA
Rest of the World

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