

Ethanol Vehicle Market Global Trends, Growth Opportunity To Reach 9.1% - 2031

The research provides detailed segmentation of the global ethanol vehicle market based on type, fuel type, blend type, drive type, and region.


WILMINGTON, NEW CASTLE, DE, UNITED STATES, December 6, 2024 /EINPresswire.com/ -- The [Ethanol Vehicle Market Opportunities and Forecast, 2021 - 2031](#) report provides an extensive analysis of changing market dynamics, major segments, value chains, competitive scenarios, and regional landscapes. This research

offers valuable guidance to leading players, investors, shareholders, and startups in devising strategies for sustainable growth and gaining a competitive edge in the market. The global [ethanol vehicle market size](#) was valued at \$564.3 billion in 2021, and is projected to reach \$1,317.6 billion by 2031, growing at a CAGR of 9.1% from 2022 to 2031.

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The concept of ethanol vehicle is typically attributed to the transportation options that use ethanol blend to enhance vehicle's performance and make engine efficient to give the best performance. The best use of ethanol is blended with gasoline. However, the quantity of ethanol required is 10%, and 90% is gasoline. The blend of ethanol helps to increase the life of the engine. Automakers recommend a particular quantity of ethanol to make engine performance smooth and long lasting. Hence, the shift in the focus from petroleum-based vehicles to alternative fuel-based vehicles such as ethanol-based vehicles and the increasing focus of governments on ethanol-based vehicles due to concerns regarding greenhouse gas emissions are expected to foster market growth over the forecasted period. For instance, the Environmental Protection Agency (EPA) finalized federal greenhouse gas (GHG) emissions standards for passenger cars and light trucks in the U.S. through 2026. The final standards leverage advances in clean car technology to unlock \$190 billion in net benefits to Americans, including reducing climate pollution, improving public health, and saving drivers money at the



The image shows the cover of a report titled "ETHANOL VEHICLE MARKET" by Allied Market Research. The cover features a photograph of a person's hand holding a fuel nozzle at a gas station. The text on the cover includes the report title, the subtitle "OPPORTUNITIES AND FORECAST, 2021 - 2031", a key finding: "Ethanol vehicle market is expected to reach \$1.3 TRILLION by 2031", and the growth rate: "Growing at a CAGR OF 9.1% (2022-2031)". The report code "A47289" and the website "www.alliedmarketresearch.com" are also visible.

Ethanol Vehicle Market

pump.

The research provides detailed segmentation of the global ethanol vehicle market size based on type, fuel type, blend type, drive type, and region. The report discusses segments and their sub-segments in detail with the help of tables and figures. Market players and investors can strategize according to the highest revenue-generating and fastest-growing segments mentioned in the report.

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Similarly, the innovative Saab Aero X Biopower 100 Concept E100 features a V6 engine that runs entirely on E100 bioethanol. The limited edition of the Koenigsegg CCXR, a version of the CCX, is converted to run on E85 or E100, as well as standard 98-octane gasoline. And currently, the fastest and most potent flex-fuel vehicle with its twin-supercharged V8 produces 1018 hp when running on biofuel. Such enhancements in the automotive industry to develop & implement more pristine automobiles are anticipated to drive the ethanol vehicle market in the forecast period.

Based on blend type, the E25 to E85 segment accounted for the highest share in 2021, holding more than two-thirds of the global ethanol vehicle market, and is expected to continue its leadership status during the forecast period. However, the E10 to E25 segment is estimated to grow at the highest CAGR of 10.5% during the forecast period.

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Also, adopting higher ethanol blends for more efficient engine designs gives the desired boost and is incorporated in car fuels since it is clean, renewable, abundant, and inexpensive. At present, several typical ethanol fuel combinations with more than 85% ethanol blends are in use. Above E85 ethanol fuel blends have become more popular around the world due to their higher fuel efficiency. For instance, the Indian government permitted oil marketing businesses to sell E100 flex-fuels (ethanol) for flex-fuel vehicles in March 2021. Above E85 flex-fuel engines are being used worldwide due to a rise in government support and greater fuel efficiency.

Based on region, North America held the largest share in 2021, contributing to nearly half of the global [Ethanol Vehicle market share](#), and is projected to maintain its dominant share in terms of

revenue in 2031. However, Asia-Pacific is estimated to manifest the fastest CAGR of 11.7% during the forecast period.

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By type, the others segment dominated the global ethanol vehicle market in terms of growth rate.

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By fuel type, the gasoline segment dominated the global ethanol vehicle market in terms of growth rate.

By blend type, the E10 to E25 segment dominated the global ethanol vehicle market in terms of growth rate.

By drive type, the rear wheel drive (RWD) segment dominated the global ethanol vehicle market in terms of growth rate.

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