

Ethanol Bus Market Report by Type (First-Generation Ethanol Bus, Second-Generation Ethanol Bus), Application (School, Municipal Traffic, and Others), Ethanol Source (Corn, Sugarcane, Wheat, and Others), and Region 2024-2032

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Abstracts

The global ethanol bus market size reached US\$ 1,619.9 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 3,760.6 Million by 2032, exhibiting a growth rate (CAGR) of 9.5% during 2024-2032.

An ethanol bus is a passenger bus that uses ethanol as a fuel source. Ethanol is produced from agricultural feedstock, plant materials (switchgrass and wood pulp), starchy crops (corn, sorghum and barley) and sweet crops (sugarcane, citrus and sugar beets). In comparison to traditional diesel- and petrol-run buses, these vehicles are environment-friendly, cost-effective and reduce the overall dependency of fossil fuels. Owing to this, they are widely being adopted by public and government institutions for mass transportation.

The increasing adoption of green fuels, along with the introduction of environment-friendly automobiles, is one of the key factors driving the growth of the market. There is an increasing preference for first-generation biofuels (bioethanol) that are manufactured using sugars and oils found in crops, followed by second-generation biofuels, which are produced using lignocellulosic biomass or woody crops, agricultural residues, and waste. Furthermore, increasing environmental consciousness and the implementation of government initiatives to minimize air pollution level, are also providing a boost to the market growth. For instance, emerging nations, such as India, are launching ethanol buses on a large-scale to minimize carbon and greenhouse gas (GHG) emissions into the environment and offer a cost-effective mode of public transport. Additionally, various

technological advancements in the manufacturing processes of ethanol and other biofuels are also creating a positive outlook for the market. The improvements in biomass and yeast performance have enhanced the efficiency of bioethanol production.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global ethanol bus market report, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on type, application and ethanol source.

Breakup by Type:

- First-Generation Ethanol Bus
- Second-Generation Ethanol Bus

Breakup by Application:

- School
- Municipal Traffic
- Others

Breakup by Ethanol Source:

- Corn
- Sugarcane
- Wheat
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia Pacific
 - China
 - Japan
 - India
 - South Korea
- Others

Europe
Germany
France
United Kingdom
Italy
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being AUDI AG, Fiat Chrysler Automobiles N.V., Ford Motor Credit Company LLC, General Motors Company, Isuzu Motors Limited, Jaguar Land Rover Limited, Deere & Company, Nissan Motor Company, Scania CV AB, Toyota Motor Corporation, and Volkswagen AG.

Key Questions Answered in This Report

1. What is the expected growth rate of the global ethanol bus market during 2024-2032?
2. What are the key factors driving the global ethanol bus market?
3. What has been the impact of COVID-19 on the global ethanol bus market?
4. What is the breakup of the global ethanol bus market based on the type?
5. What is the breakup of the global ethanol bus market based on the application?
6. What is the breakup of the global ethanol bus market based on the ethanol source?
7. What are the key regions in the global ethanol bus market?
8. Who are the key players/companies in the global ethanol bus market?

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