

# Ethanol Production from Lignocellulosic Waste

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**Abstract:** *Our nation's energy consumption is on the rise because of many factors, including a more prosperous economy, more people living in cities, different ways of living, and more disposable income. Fossil fuels account for almost all road transportation fuel. The energy provided by biofuels accounts for a meagre 2% of this industry. One hundred and fifty percent of India's oil comes from outside sources. The COVID-19 pandemic has not stopped the Indian economy from growing. As the number of vehicles on the road rises, so does the need for gasoline to power them. Biofuels produced domestically lessen the country's reliance on foreign fossil fuel suppliers, making them an appealing strategic option. Using biofuels responsibly has the potential to make them a sustainable and eco-friendly energy source. Among its many advantages are the possibilities of increasing employment, bolstering Make in India, advancing Swachh Bharat, doubling farmers' earnings, and creating wealth via waste conversion.*

**Keywords:** Biofuels.