

**GOVERNMENT OF INDIA  
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**

**LOK SABHA  
STARRED QUESTION NO. 358  
ANSWERED ON 19<sup>TH</sup> DECEMBER, 2024**

**TRANSITION FROM FOSSIL FUELS TO BIOFUELS**

**\*358. SHRI DINESHBHAI MAKWANA:**

**Will the Minister of ROAD TRANSPORT AND HIGHWAYS**

सड़क परिवहन और राजमार्ग मंत्री

**be pleased to state:**

- (a) the vision of the Government for the transition from fossil fuels to biofuels benefiting country's economy and environment; and**  
**(b) the expected timeline for the launch of ethanol-powered vehicles in the country?**

**ANSWER**

**THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS**

**(SHRI NITIN JAIRAM GADKARI)**

**(a) & (b) A statement is laid on the Table of the House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) & (b) OF THE LOK SABHA STARRED QUESTION NO. 358 ANSWERED ON 19.12.2024 ASKED BY SHRI DINESHBHAI MAKWANA REGARDING TRANSITION FROM FOSSIL FUELS TO BIOFUELS.**

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**(a) The Government is promoting biofuels with the broader objectives of reducing import dependency, generating employment, providing better remuneration to farmers, for associated environmental benefits, promoting better waste management practices, etc. To promote the use of biofuels across the country various programmes such as Ethanol Blended Petrol (EBP) Programme, wherein Oil Marketing Companies (OMCs) sell petrol blended with ethanol, Biodiesel blending programme wherein biodiesel is blended with diesel and Sustainable Alternative towards Affordable Transportation (SATAT) initiative wherein Compressed Bio Gas (CBG) is marketed along with Compressed Natural Gas (CNG) have been taken up. During the last ten years, ethanol blending in petrol by Public Sector OMCs has resulted in approximate savings of more than Rs.1,08,655 crore of foreign exchange as on 30.09.2024 and net CO2 emissions reduction of about 557 lakh metric tonnes. During the period of 2014 – 2024 ethanol blending percentage rose from 1.53% in Ethanol Supply Year (ESY)2013-14 to 14.6% in ESY 2023-24. Further, to facilitate the development of Motor Vehicles running on non-fossil fuels like Bio-CNG, Biofuels etc. the Government has notified mass emission standards in respect of blends of ethanol with gasoline, flex-fuel, Biodiesel, Bio-CNG, blends of Methanol with gasoline, dual fuel etc.**

**(b) From 1<sup>st</sup> April, 2023 onwards vehicles introduced in the market have been made E20 material compliant. Further, Automobile Industry is ready with two wheeler Flex Fuel Vehicles (FFV) for the introduction in the market from Quarter 3 of the current financial year. Some of the automobile manufacturers have already announced the flex fuel vehicle and others are getting it ready. For four-wheelers, the automobile industry has committed for introduction in the Financial Year 2025-26. Accordingly, 11 units of Two-wheeler FFV manufactured by 7 Original Equipment Manufacturers (OEMs), 5 units of four-wheelers from 5 OEMs and 1 unit of three-wheeler from 1 OEM are being displayed in the upcoming Bharat Mobility Global Expo 2025.**

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