

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

**LOK SABHA
UNSTARRED QUESTION NO. 802
ANSWERED ON 2ND DECEMBER, 2021**

USE OF VEHICLES WITH BIOFUELS

802. SHRI MANICKAM TAGORE B.:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) whether the Government is planning to ask auto manufacturers to offer vehicles running 100 percent on biofuels mandatorily in the next six months and if so, the details thereof;**
- (b) whether the Government is committed to introduce flexible fuel engine norms and if so, the details thereof;**
- (c) whether it is a fact that such move will be cost effective as bio-ethanol costs Rs.65 as against Rs.110 per litre for petrol; and**
- (d) whether it is a fact that the Government is considering to adopt new technologies for road construction as being used in developed countries and cut down on the use of cement and steel and if so, the details thereof along with the long lasting impact of such new technologies on the road?**

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (c) The Union Cabinet has approved on 15th September, 2021, a Production Linked Incentive(PLI) Scheme for Automobile and Auto Component Industry with a total outlay of Rs. 25,938 Crore over a period of 5 years.

The following auto components of Flex Fuel Engine [capable of running upto Ethanol 85(E85) Fuel)] have been included in the list of Advanced Automotive Technology components as eligible products for incentivisation under this scheme:-

- i. BS6 compliant Flex Fuel Engine capable of running upto Ethanol 85%(E85) fuel**
- ii. Heated Fuel Rail for Flex Fuel Engine**
- iii. Heating Element for Flex Fuel Engine**
- iv. Heating Control Unit for Flex Fuel Engine**
- v. Electronic Control Unit (ECU) for Flex Fuel Engine (Processor minimum 32 bits); and**
- vi. Ethanol Sensor for Flex Fuel Engine.**

This step by the Ministry of Heavy Industries is to encourage auto OEMs (2 Wheeler, 3 Wheeler & Passenger Vehicles) to accelerate introduction of Flex Fuel vehicles in India.

(d) The Ministry of Road Transport & Highways (MoRTH), vide letter No RW/NH-33044/18/2020-S&R(P&B) dated 14th December, 2020, has issued guidelines to simplify the process and encourage usage of new/innovative/alternative materials & techniques. MoRTH has been promoting use of new/innovative materials, construction techniques etc. to reduce consumption of cement & steel in road construction.
