

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO-575**  
ANSWERED ON-22/07/2021

**HYDROGEN POWERED MODES OF TRANSPORTATION**

575. SHRI DUSHYANT SINGH

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Government proposes to promote development of hydrogen powered modes of transportation;
- (b) if so, the details thereof;
- (c) whether the Government has formulated a plan for development of hydrogen powered vehicle;
- (d) if so, the details thereof;
- (e) whether the Government proposes any budgetary allocation for the same; and
- (f) if so, the details thereof?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**

**(SHRI R.K. SINGH)**

(a)to(f) In her Budget Speech on 1 February 2021, the Finance Minister announced that it was proposed to launch a Hydrogen Energy Mission in 2021-22 for generating hydrogen from green power sources. Accordingly, the Ministry of New and Renewable Energy is working to develop the National Hydrogen Energy Mission which would inter-alia aim to scale up Green Hydrogen utilization across multiple sectors, including transportation. The draft Mission document is currently under inter-ministerial consultation.

Further, in September 2016, Ministry of Road Transport and Highways (MoRTH) has notified Hydrogen as a fuel for automotive application for Bharat Stage VI vehicles. In September 2020, MoRTH has specified the safety and type approval requirements for hydrogen fuel cell vehicles in Automotive Industry Standard (AIS) 157. Also, in September 2020, 18% blend of Hydrogen with CNG (HCNG) has been notified as an automotive fuel.

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