

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

**LOK SABHA
UNSTARRED QUESTION NO. 723
ANSWERED ON 7TH DECEMBER, 2023**

ELECTRIFIED FLEX FUEL VEHICLE

**723. SHRI ANNASAHEB SHANKAR JOLLE:
SHRI PRATHAP SIMHA:
SHRI L.S. TEJASVI SURYA:**

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) whether the world's first prototype of the BS-6 Stage-II 'Electrified Flex Fuel Vehicle (FFV)' aligns with India's transportation goals;**
- (b) if so, the impact it might have on the country's transportation landscape; and**
- (c) the comparison of FFV engine to engines of other renewable energy sources like EVs and Hydrogen?**

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) and (b) The prototype of the BS-6 Stage-II 'Electrified Flex Fuel Vehicle (FFV)' is in alignment with the alternate fuel mobility solutions.

(c) In flex-fuel vehicles (FFVs), the engine is compatible to run on blend of gasoline and ethanol of varying percentages. However, in FFVs there are vehicular emissions whereas in the case of EVs and Hydrogen run vehicles, there are no CO₂ emissions.
