

**GOVERNMENT OF INDIA  
NEW AND RENEWABLE ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:3787  
ANSWERED ON:16.12.2011  
ALTERNATIVE FUELS FOR PETROL AND DIESEL  
Bhujbal Shri Sameer

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

- (a) whether the Government is planning any alternative fuels for petrol and diesel;
- (b) if so, the details thereof including the steps taken to make the same available to consumers;
- (c) whether any research has been conducted to make alternative fuels using plant resources; and
- (d) if so, the details thereof?

**Answer**

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a): Yes, Madam.

(b): With a view to supplement the consumption of petrol and diesel, initiatives have been taken to explore the possibility of utilizing biofuels namely bio-ethanol and bio-diesel, and hydrogen. A National Policy on Biofuels has been developed and was announced in December, 2009. A target of 5% blending of bio-diesel with diesel and bio-ethanol with petrol has been fixed.

(c): Yes, Madam.

(d): Research and Development (R&D) work has been initiated by various scientific organizations/institutions. R&D has been undertaken for development of improved varieties of planting material for improving yields of non-edible oil seeds and their oil content for increasing the production of biodiesel. Large scale field trials of the improved planting material are currently in progress in the States of Chhattisgarh, Karnataka, Rajasthan, Tamil Nadu, etc. Besides, R&D work has also been undertaken for development of second generation technologies for production of bio-ethanol from agricultural and forest residues/wastes.