

**GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA**

UNSTARRED QUESTION NO:2554
ANSWERED ON:29.03.2012
USE OF BIO-FUEL BY AVIATION COMPANIES
Natarajan Shri P.R.

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) Whether use of bio-fuel is being considered as an alternative to Aviation Turbine Fuel (ATF) for use in aviation industry;
- (b) If so, the details thereof and if not, the reasons therefor;
- (c) Whether the developed countries of the world including China have made considerable progress regarding use of Bio-fuel in their aviation industry; and
- (d) If so, the details thereof alongwith the success achieved by them?

Answer

MINISTER of STATE for PETROLEUM & NATURAL GAS (SHRI R.P. N. SINGH)

(a) & (b) Department of Science & Technology (DST) has informed that in the year 2010, it has approved a project titled "Application of Bio fuels for Aviation" to establish bio-fuel processes and properties and to perform engine tests in this regard.

Indian Oil Corporation Limited (IOCL) in association with Universal Oil Products (UOP)/Honeywell, Airbus, Kingfisher and feedstock suppliers is working towards flight trials with use of a fuel mix of 50% Biojet Green Jet Fuel (Bio-SPK) and 50% ATF.

(c)&(d) As per information available in the public domain, M/s. Universal Oil Products (UOP) jointly with Petro China produced Bio-jet fuel and conducted a demonstration flight in October 2011.