

**GOVERNMENT OF INDIA  
ENVIRONMENT AND FORESTS  
LOK SABHA**

UNSTARRED QUESTION NO:4410  
ANSWERED ON:22.04.2013  
IMPACT OF CNG AND LPG ON AIR POLLUTION  
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**Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:**

- (a) whether the Government has assessed the level of air pollution in Delhi after introduction of Compressed Natural Gas (CNG) and Liquefied Petroleum Gas (LPG) driven public and private transport vehicles;
- (b) if so, the details thereof; and
- (c) the other steps taken by the Government for improving the quality of air in the metropolitan cities?

**Answer**

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRIMATI JAYANTHI NATARAJAN)

(a) & (b) The ambient air quality is monitored in Delhi since 1984-1985 by the Central Pollution Control Board (CPCB). Of late, Delhi Pollution Control Committee (DPCC) is also monitoring ambient air in Delhi. The data on ambient air so collected, is collated, compiled, processed and published by CPCB to know the trend. Apart from other sources, the main reasons of air pollution in Delhi are vehicular exhaust emission and re-suspension of roadside dust. Different fuels, i.e., diesel, petrol, CNG, LPG, etc., are used in vehicles in Delhi. There is an decreasing trend in the levels of Sulphur Dioxide in ambient air during 1995-2010 in Delhi due to reduction in sulphur content in diesel, apart from other reasons.

The introduction of CNG vehicles in Delhi began gradually from the year 1999. By 2003, plying of diesel buses, petrol/diesel three-wheelers and petrol/diesel taxis for public transport have stopped completely. The trend or change in ambient air quality in Delhi pre and post CNG implementation may not be solely attributed to implementation of CNG.

(c) The other steps taken by the Government for improvement in quality of air in metro cities includes, tightening of industrial emission norms, management of municipal, hazardous and bio-medical wastes, strengthening air monitoring network, source apportionment studies for particulate matter in ambient air in six cities, strengthening public transport including metro rails in select cities, preparation and implementation of action plans for select cities & critically polluted areas, public awareness, etc.