

**GOVERNMENT OF INDIA
URBAN DEVELOPMENT
LOK SABHA**

UNSTARRED QUESTION NO:4131
ANSWERED ON:17.12.2014
RENEWABLE ENERGY
Singh Deo Shri Kalikesh Narayan

Will the Minister of URBAN DEVELOPMENT be pleased to state:

- (a) whether the Government has taken/proposes to take any initiatives to promote the use of renewable energy in the urban transport and housing sector;
- (b) if so, the details thereof; and
- (c) the initiatives being taken by the Government to promote the use of public transport and electric vehicles?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI BABUL SUPRIYO)

(a) & (b): As per the information received.. the Ministry of New and Renewable Energy (MNRE) aims to promote the green building principles and concept with emphasis on the renewable energy application in the green buildings. Under the ongoing programme on `Energy Efficient Solar/Green Buildings`, the Ministry provides incentives to promotional activities, awards to urban local bodies & green buildings having maximum Renewable Energy (RE) installations, incentives to Architects/Design consultants and other related activities. MNRE has also taken following initiatives on the implementation of renewable energy programmes:

`Grid Connected Rooftop and Small Solar Power Plants Programme` for installation of grid connected roof top solar systems from 1 kWp to 500 kWp capacity in residential, commercial, institutional and industrial buildings including urban areas.

Programme on `Development of Solar Cities`.

Ethane! Blended Petrol (EBP) Programme with the assistance of Oil Marketing Companies (OMCs)

Encourage the production of Bio-diesel Bio-fuel MNRE is also implementing Broad based research, design and development programme in the field of alternative fuels for surface transport, under which projects on battery operated vehicles, electric vehicles, hydrogen and fuel cell vehicles are undertaken. Delhi Metro Rail Corporation (DMRC) has issued a solar policy for promoting the use of solar energy in DMRC premises. They have also commissioned/ have been commissioning roof top solar PV power system at some of their metro stations.

(c): Government of India, Ministry of Urban Development came out with a comprehensive National Urban Transport Policy (NUTP) in 2006 with the main vision (to recognize that people occupy center-stage in our cities and all plans would be for their common benefit and well being`. Since adopting a National level policy, several initiatives have been taken by the Ministry to promote the public transport system in India. Some of them are as under:

(i) Government of India has come out with Mass Rapid transit System (MRTS) in various metropolitan cities. Under this System, metro rail of 231.8 Km is in operation in India and around 511 Km is under construction. In addition, some more metro rail projects have been sanctioned in Ahmedabad and Nag pur.

(ii) Govt. of India has sanctioned Bus Rapid Transit System (BRTS) Projects for around 500 Km (approx.) in 12 cities.

(iii) Government of India has sanctioned Additional Central Assistance (ACA) for procurement of 25485 modern transport intelligent enabled buses for 170 cities/ cluster of cities.

Department of Heavy Industry (DHI), Government of India has undertaken a concerted exercise to fast track both adoption as well as local manufacturing of hybrid and electric vehicles in India. They have set up a National Mission on Electric Mobility (NEVSHM) with the objectives of (a) fossil fuel saving, (b) CO2 reduction, (c) promoting manufacturing capabilities, (d) technology upgradation and development and (e) employment generation. DHI envisages to cover all the segments of vehicles viz. 2, 3 and 4 wheelers, passenger cars, Light Commercial Vehicles (L.C.V), Buses and retrofit solutions under their proposed scheme for Faster Adoption and Manufacturing Electric Vehicles in Sndia.