

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

UNSTARRED QUESTION NO:2582
ANSWERED ON:11.03.2011
POWER FROM WASTE
Singh Shri Ravneet

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

- (a) whether the Government has formulated National Master Plan for development of waste-to-energy;
- (b) if so, the details thereof;
- (c) the steps taken by the Government to promote research and development for generation of waste-to-energy;
- (d) whether various avenues of technology transfer have been included in the Master Plan; and
- (e) if so, the details thereof?

Answer

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

(a)&(b): Yes, Madam. Ministry of New and Renewable Energy had prepared a National Master Plan (NMP) on Development of Waste-to Energy in India in May 2006 under a project assisted by United Nations Development Programme / Global Environment Facility. The NMP, inter-alia, includes assessment of potential of energy recovery from urban and industrial wastes, identification of priority areas, selection of appropriate technologies, research and development, technology transfer and strategic action plan.

(c): Two research and development projects in the area of waste-to-energy are presently ongoing: (i) power generation from municipal solid waste through gasification by Indian Institute of Science, Bangalore, and (ii) Up-gradation of biomass into Natural Gas quality gaseous fuel by Indian Institute of Technology, New Delhi.

(d)&(e): The NMP also includes a Technical Memorandum on Avenues of Technology Transfer. This inter-alia, indicates opportunities for transfer of technology in various sectors such as waste management and technologies for energy recovery from urban and industrial wastes. All aspects of technology transfer in general and those specific to waste-to-energy sector have been included.