

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
STARRED QUESTION NO. *241
TO BE ANSWERED ON 03.08.2018

Dust Pollution

*241. SHRI RAM CHARITRA NISHAD:
SHRIMATI K. MARAGATHAM:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether the Government has taken or proposes to take a host of measures including the launching of three pilot projects to tackle bad air/dust pollution in the country and if so, the details thereof;
- (b) whether the National Environmental Engineering Research Institute has run any pilot project for installing equipment to suck in particulate matter and if so, the details thereof;
- (c) whether the Government is also working on remediation of landfills and if so, the details thereof; and
- (d) whether it is true that the remediation process involves removing of garbage from landfills, stabilizing the slopes and covering these with permanent green areas and if so, the details thereof?

ANSWER

MINISTER FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. HARSH VARDHAN)

(a) to (d): A Statement is laid on the Table of the House.

Statement referred to in reply to Lok Sabha Starred Question No. 241 due for reply on 03.08.2018 regarding 'Dust Pollution' by SHRI RAM CHARITRA NISHAD & SHRIMATI K. MARAGATHAM, Hon'ble Members of Lok Sabha

- (a) The Government has taken several steps to address air pollution which inter alia, include notification of National Ambient Air Quality Standards; setting up of monitoring network for assessment of ambient air quality; introduction of cleaner / alternate fuels like gaseous fuel (CNG, LPG etc.), ethanol blending, launching of National Air Quality index; universalization of BS-IV from 2017; leapfrogging from BS-IV to BS-VI fuel standards by 1st April, 2020; notification of Construction and Demolition Waste Management Rules; banning of burning of biomass; promotion of public transport network; streamlining the issuance of Pollution Under Control Certificate; issuance of directions under Section 18(1)(b) of Air (Prevention and Control of Pollution) Act, 1981 and under Section 5 of Environment (Protection) Act, 1986; installation of on-line continuous (24x7) monitoring devices by major industries; etc.

Further, two pilot projects namely "To demonstrate the effectiveness of air pollution mitigation by Pariyayantra filtration" to ManavRachna Innovation and Incubation Centre to install Pariyayantra filtration on the roof top of 30 buses and "Deployment and Evaluation of air purification units (for traffic junction pollution abatement) in Delhi" to National Environmental Engineering Research Institute (NEERI) to install Wind Augmentation and Air Purifying Unit (WAYU) devices at 7 traffic intersections have been sanctioned to tackle dust pollution.

- (b) NEERI in collaboration with Maharashtra Pollution Control Board (MPCB) and IIT Bombay has run a pilot project of Wind Augmentation and Air Purifying Unit (WAYU) at four traffic junctions with 25 WAYU devices in Mumbai to capture Particulate Matter.
- (c) The Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India has been implementing the World Bank-aided Capacity Building for Industrial Pollution Management Project (CBIPMP) from October, 2010 to March, 2018 with the objectives to build tangible human and technical capacity in selected state agencies for undertaking environmentally sound remediation of polluted sites and to support the development of National Programme for Remediation of Polluted Sites. The project has supported two state pilot projects namely, the Closure and Containment of Municipal Solid Waste (MSW) site at Ukkayapalli, Kadapa, Andhra Pradesh and the Closure and Containment of MSW site at Dhapa, West Bengal. The implementing agency for the Kadapa site is Andhra Pradesh Pollution Control Board (APPCB) and for the Dhapa site is West Bengal Pollution Control Board (WBPCB).
- (d) The remediation process involves a number of activities which inter-alia include site preparation and excavation and handling of wastes including sorting and segregation, storage of segregated fraction and reuse / disposal back to dumpsite closure layers; profiling / reshaping of waste dump site; stabilization of critical slopes; final cover layers over reshaped dumpsite, etc.
