

**GOVERNMENT OF INDIA
ENVIRONMENT, FORESTS AND CLIMATE CHANGE
LOK SABHA**

UNSTARRED QUESTION NO:173

ANSWERED ON:24.02.2015

NEW TECHNOLOGY TO MONITOR AIR POLLUTION

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

(a) whether the Government is contemplating the use of low cost innovative new technology on the lines of air monitoring system of USA Environment Security Agency which can be utilised in quality control in National Public Health System, national news broadcasting, automatic mapping, data dissemination and other works;

(b) if so, the details thereof; and

(c) the proposals being considered by the Government to remove the malfunctioning of monitoring device for real time data operated by the Central Pollution Control Board?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FORESTS AND CLIMATE CHANGE (SHRI PRAKASH JAVADEKAR)

(a)&(b) The National Ambient Air Quality Standards comprising 12 pollutants have been published in the Gazette in November, 2009. Limits for various pollutants are concentration based and quantitative in nature. Quantitative assessment of ambient air is achieved using analysers or chemical methods by the Central Pollution Control Board, various State Pollution Control Boards/ Pollution Control Committees and NEERI. The low cost methods are already in use in the country for quantitative assessment of the ambient air.

(c) The real time ambient air monitoring systems are in place. The Central Pollution Control Board has undertaken the task of calibration of real time monitoring systems for ensuring reliability of data.