

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

LOK SABHA
UNSTARRED QUESTION No. 340
ANSWERED ON 19TH JULY, 2018

USE OF WASTE PLASTIC IN ROAD CONSTRUCTION

340. SHRI HARISH MEENA:
SHRI SUMEDHANANDSARSWATI:
SHRIMATI SANTOSHAWLAT:
SHRI SUNIL KUMARSINGH:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) whether the Government has adopted the technology to use waste plastic in road construction;
- (b) if so, the details of steps taken by the Government to ensure maximum use of waste plastic in construction of roads;
- (c) whether the Government has done any field trials on waste plastic roads to contemplate its use on National Highways;
- (d) if so, the details of total kilometers of road constructed with waste plastic in the last three years and future proposed programme by the Government in this regard; and
- (e) the State-wise details of the budgetary provision made by the Government during the previous and the current financial year for using waste plastic in road construction across the country?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
(SHRI MANSUKH L. MANDAVIYA)

- (a) to (e) Indian Roads Congress (IRC) has formulated IRC SP: 98: 2013 'Guidelines for the use of Waste Plastic in Hot Bituminous Mixes (Dry process) in Wearing Courses' based on laboratory as well as field performance studies/investigations carried out in India. To encourage use of waste plastic on National Highway, Ministry has also issued Guidelines for its use within 50 km periphery of urban areas having population 5 lakhs or more. The Guidelines also stipulate to take up a stretch of at least 10 km as pilot project for assessment so as to make it compulsory in the future contracts. Further, allocation of the funds for the development and maintenance of National highways are made State wise in the country and not separately for using waste plastic in road construction.
