

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO- 1690
ANSWERED ON- 15/03/2023

EXPLORING ECO-FRIENDLY MATERIALS FOR ROAD CONSTRUCTION

1690. SHRI NARAIN DASS GUPTA:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether the Ministry is exploring eco-friendly materials for construction, design alternatives like 'green bridges' and other such innovations to improve country's roads;
- (b) if so, details thereof ; and
- (c) if not, the reasons therefor?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (c) Yes, Sir. Ministry of Road Transport and Highways is primarily responsible for development and maintenance of National Highways. Policy guidelines/standards have been issued by the Ministry/Indian Roads Congress for utilizing eco-friendly materials in construction of National Highways such as fly ash, iron and steel slag, construction and demolition (C&D) waste, recycled asphalt pavement, geo-synthetics, waste plastic, emulsion based cold mix, warm mix asphalt, etc. The aims and objectives of using such waste material is to reduce cost of construction, conservation of natural resources of the country and to promote sustainability.
