

**GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
LOK SABHA  
UNSTARRED QUESTION NO. 2568  
TO BE ANSWERED ON MARCH 16, 2023**

**URBAN DEVELOPMENTS PROJECTS**

**NO. 2568. SHRI VISHNU DATT SHARMA:**

**Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:**

- (a) whether the Government is cognizant of the fact that digital twins of cities and urban development projects, supported by artificial intelligence and real time data, are being used in developed world for urban planning to save cost, time and efforts and to reduce pollution, congestion, delays and accidents;**
- (b) if so, whether the Government is using or has proposed to use this technology in Smart Cities Mission and urban transport projects in the country;**
- (c) if so, the details thereof; and**
- (d) if not, the reasons therefor?**

**ANSWER**

**THE MINISTER OF STATE IN THE  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
(SHRI KAUSHAL KISHORE)**

**(a) Yes, Sir.**

**(b) to (d) In Smart Cities Mission, investments have been made in digital technologies like Integrated Command and Control Centres, Intelligent Traffic Management systems, Smart Water and Waste Water systems in the 100 Cities selected under the mission. The technologies adopted by a city depend on its context and its needs and, therefore, each smart city has chosen a different mix of technology elements as part of their projects. Artificial intelligence and real time data based decision support systems are being used by Smart Cities in areas of crime prevention, reduction of traffic congestion, mitigation of environmental pollution, improvement of road safety etc.**

**Various metro rail corporations are using Artificial Intelligence and real-time data during construction, Operation & Maintenance of various metro rail projects.**

\*\*\*\*\*