

**GOVERNMENT OF INDIA  
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO. 2484  
ANSWERED ON 13<sup>TH</sup> MARCH, 2025**

**PM-GATI SHAKTI NATIONAL MASTER PLAN**

**2484. DR. BHOLA SINGH:**

**Will the Minister of ROAD TRANSPORT AND HIGHWAYS**

सड़क परिवहन और राजमार्ग मंत्री

**be pleased to state:**

**(a) whether the PM-Gati Shakti National Master Plan has significantly improved infrastructure development and logistics efficiency across the country;**

**(b) if so, the major achievements under this initiative, particularly in terms of road connectivity, reduced travel time and economic benefits;**

**(c) the extent to which the integration of digital tools like Geographic Information Systems (GIS) and AI-based planning has enhanced the efficiency of highway and expressway construction; and**

**(d) whether the Government has identified further policy measures to expand and strengthen the impact of this initiative and if so, the details thereof?**

**ANSWER**

**THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS**

**(SHRI NITIN JAIRAM GADKARI)**

**(a) The Government in Ministry of Road Transport and Highways is primarily responsible for development and maintenance of National Highways (NHs). All the NHs development projects are planned in line with PM GatiShakti National Master Plan (NMP) Principles.**

**The PM GatiShakti NMP portal depicts the various data layers including economic nodes, social nodes, logistics nodes etc. thus enabling to identify infrastructure linkages required to support the development projects with an objective to holistically integrate the multimodal connectivity. This also facilitates identifying the missing gaps for seamless movement of people, goods & services for proper connectivity, thereby improving the logistics efficiency.**

**(b) Major initiatives taken to improve user experience on the PM GatiShakti NMP portal includes availability of more than 550 layers of different sets of data, thereby helping in optimising the Detailed Project Report (DPR) including alignment.**

**Further 115 NHs / road projects in about 13,500 km amounting to Rs. 6.38 Lakh Crore have been examined so far leveraging the PM GatiShakti NMP Portal and consulted within the Network Planning Group (NPG) of PM GatiShakti NMP. This has resulted in better planning and execution of infrastructure projects for more streamlined project delivery by reducing the time and cost associated with project design, alignment, clearances, and approvals.**

**(c) The DPR module tool developed by the Government along with the available features in the dynamic Geographic Information System (GIS) platform based PM GatiShakti NMP Portal is helpful for optimizing the NHs project alignments and planning of projects considering information related to existing physical / geographical features, forest areas, eco-sensitive areas, etc., in minimizing ecological impacts, requirements of clearances and faster and more effective project preparation. This contributes significantly in faster implementation of projects by obviating need for mid-course corrections / revisions in project features during project implementation phases.**

**(d) The Government, through regular policy interventions and technology driven approach, is committed to enhance the scope of PM GatiShakti NMP portal in improving the planning and execution of infrastructure projects. Government is involved in continuous improvement of the portal through data updation drives, integration with other databases like Electronic Detailed Accident Database (eDAR), traffic survey, toll plaza data etc.**

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