



PM GatiShakti National Master Plan completes five years of transforming India's infrastructure landscape

PM GatiShakti integrates more than 1,800 data layers covering 58 Central Ministries/Departments and all 36 States/UTs

Network Planning Group evaluates more than 400 infrastructure projects worth ₹20.23 Lakh Crore

PM GatiShakti expands to district-level and social-sector planning; Integrated Transport and Logistics Authority to strengthen multimodal connectivity

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The PM GatiShakti National Master Plan (PMGS NMP), launched by the Hon'ble Prime Minister Shri Narendra Modi in October 2021, is completing five years, marking significant progress in integrated infrastructure planning and development in the country.

The PM GatiShakti geospatial digital platform has been developed indigenously under Atmanirbhar Bharat by the Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG-N). With the vision of bringing synergy across Ministries/Departments and States/Union Territories, PM GatiShakti has established a Whole-of-Government approach to infrastructure planning by integrating geospatial data, facilitating coordinated decision-making and strengthening multimodal, intermodal and last-mile connectivity. Over the last five years, the initiative has evolved from an integrated digital planning platform into a comprehensive geospatial planning ecosystem supporting infrastructure, economic and social-sector development.

The PM GatiShakti digital platform integrated more than 1,800 data layers, covering 58 Central Ministries/Departments and all 36 States/Union Territories. The platform has also facilitated the development and integration of more than 65 software modules/tools and over 100 mobile and web applications, strengthening data-driven infrastructure planning across the country.

The Network Planning Group (NPG) evaluated over 400 infrastructure projects worth approximately ₹20.23 lakh crore based on PM GatiShakti principles. The evaluation framework emphasises integrated planning and development of multimodal

infrastructure, last-mile connectivity to economic and social nodes, intermodal connectivity, improved logistics efficiency and synchronised implementation of projects. NPG institutionalised the Whole-of-Government approach.

PM GatiShakti expanded beyond conventional infrastructure planning to support social-sector development and area-based planning. The initiative progressively extended to districts, supporting integrated planning for local socio-economic development, including roads, schools, healthcare facilities, water pipelines and other essential services at the district level.

The PM GatiShakti Public platform, through the Unified Geospatial Interface (UGI), was launched in September 2025, extending selected data-analytics capabilities to private entities and the general public. The Knowledge Management System (KMS), Decentralized Data Uploading and Management System (DUMS) and PMGS-NMP Dashboard have further strengthened knowledge sharing, data governance, decentralised data management and infrastructure monitoring.

Since its launch in 2021–22, PM GatiShakti progressed through successive phases of foundation, expansion, deepening, digitalisation and accessibility. During 2022–23, eight key infrastructure Ministries were onboarded and 71 projects were evaluated. In 2023–24, social-sector integration was undertaken, with 1,463 data layers and all 36 States/Union Territories onboarded.

During 2024–25, economic-sector integration was undertaken, the District Master Plan was launched and 121 projects were evaluated. In 2025–26, the PM GatiShakti Public platform/UGI, KMS, DUMS and Dashboard were launched, with 352 projects evaluated by February 2026.

In 2026, 421 projects worth ₹20.23 lakh crore had been evaluated, alongside the integration of approximately 1,800 data layers, more than 65 tools and over 100 applications. The Integrated Transport and Logistics Authority was also approved by the Union Cabinet.

Over the last five years, PM GatiShakti has progressed from establishing an integrated national planning framework to developing a wider geospatial ecosystem for infrastructure and regional development. Through the integration of data, institutional coordination, project appraisal, digital tools and district-level planning, the initiative continues to support a more integrated approach to infrastructure development.

To leverage the full potential of PM GatiShakti for integrated long-term transport planning, the Government has decided to set up the Integrated Transport and Logistics Authority (ITLA) to strengthen research, planning, appraisal, monitoring and impact assessment within the broad domains of transportation and logistics. Establishment of the ITLA will play a pivotal role in strengthening multimodal infrastructure connectivity, improving infrastructure efficiency, reducing logistics costs and enhancing India's global logistics competitiveness.

As India advances towards the vision of Viksit Bharat 2047, PM GatiShakti provides a framework for coordinated infrastructure planning, multimodal connectivity and improved logistics efficiency, contributing to the development of an integrated, efficient and future-ready transport and logistics ecosystem.

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