

PM GatiShakti National Master Plan Enables Integrated and Coordinated Infrastructure Planning

PM GatiShakti Provides Integrated Planning Framework without Separate Budgetary Provisions

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PM GatiShakti National Master Plan (PMGS NMP), launched in October 2021, is a transformative “Whole of Government” approach to bring together various Central Ministries/Departments and States/UTs to ensure integrated planning and coordinated execution of infrastructure projects. PMGS NMP aims to facilitate Ministries/States in data driven decision making by utilizing geospatial data, satellite imagery and API integration to monitor, plan, and optimize infrastructure development. The PMGS NMP is facilitating Ministries/States in planning of their respective infrastructure projects, including social infrastructure projects, in integrated, synchronized and coordinated manner to provide seamless and efficient connectivity for the movement of people, goods, and services across various modes of transport, thereby enhancing last-mile connectivity and reducing travel time.

PM GatiShakti provides an integrated planning framework; the approval and implementation of the projects are undertaken by the respective central Ministries/Departments and States/UTs under their plans, schemes, procedures and budgetary/funding provisions. Hence, no quantified targets or expenditure requirements have been set under PM GatiShakti initiative.

The Network Planning Group (NPG), constituted under the PM GatiShakti framework, evaluates the critical infrastructure projects of the central Government to ensure integrated planning, multimodality, inter-modality, synchronization of efforts, last mile connectivity, comprehensive development in and around the project location, data driven decision makings, etc at the planning stage. As on date, 396 infrastructure projects with total estimated cost of about ₹ 18.66 Lakh Crore have been evaluated through the NPG mechanism. Out of these 396 projects, 256 projects have been sanctioned - out of which, 198 projects are under implementation. Ministry-wise details are given at Annexure-A.

Government carries out assessment of its initiatives/schemes from time to time through various studies, surveys, etc. Apart from these, there are several studies by universities and research scholars in this respect. As per these assessments, the integrated planning initiatives like, PM GatiShakti, National Logistics Policy, PRAGATI, Sagarmala, development of connectivity infrastructure (expressways/ national highways/ dedicated rail freight corridors and rail tracks, industrial corridors/hubs), etc. have shaped the vision of connected and competitive India and have improved logistics efficiency, turn-around time, ease of doing business, industrial growth and reduced logistics cost in country. An assessment of logistic cost has been carried out by DPIIT in the year 2025 in collaboration with National Council of Applied Economic Research (NCAER). As per the assessment, the logistics cost in India is estimated at 7.9% of the GDP, which is at par with the advanced economies in the world. The Economic Survey 2023-

24 highlighted that these measures have improved domestic manufacturing and export competitiveness. A study by Indian Institute of Management, Bangalore on impact of development of National Highway projects underlines that every-one rupee expenditure in National Highways development leads to a ₹3.2 increase in Gross Domestic Product (GDP).

So far 58 Central Ministries/Departments and all 36 States/UTs have been onboarded on the PMGS NMP, covering all infrastructure sectors like road, rail, ports & waterways, power, petroleum & natural gas, civil aviation, telecommunications, industrial corridors, etc. Further, PM GatiShakti public platform ([url: ugi.pmgatishakti.gov.in](http://ugi.pmgatishakti.gov.in)) has been launched in September 2025, which provided access of PM GatiShakti data analytics to private entities and general public. Through this Query based mechanism, public and private entities are able to plan their projects by obtaining data analytic reports from the PMGS-NMP Portal through a simple query-based mechanism. The States have been encouraged to expand the use of PM GatiShakti for district level planning. About 1800 data layers have been integrated and over 65 software modules/tools and more than 100 mobile/web applications have been developed and integrated on the platform for the use of stakeholders. Further expansion of the PM GatiShakti initiative is a continuous process - mapping/integration of more data layers, development and integration of additional features, software modules/tools for planning and analysis modules/tools, mobile/ web applications, etc. to be continue further as per the requirements of the Ministries/Departments, States/UTs and other stakeholders.

This information was given by Minister of State for Ministry of Commerce and Industry, Shri Jitin Prasada in a written reply in Lok Sabha today.

ANNEXURE-A

Ministry-wise details of Projects evaluated through NPG Mechanism

Ministry/Department	Number of Projects	Sanctioned	Yet to be Sanctioned	Under Implementation	Estimate Cost (Rs. in Crore)
Ministry of Road Transport and Highways	171	108	63	53	9,01,668
Ministry of Railways	162	102	60	102	5,43,315
Ministry of Housing and Urban Affairs	31	17	14	17	2,88,614
Ministry of Petroleum and Natural Gas	4	4	0	3#	9,271
Ministry of Ports, Shipping and Waterways	3	2	1	2	49,759
Ministry of Civil Aviation	6	4	2	2	10,005

NICDC, Department for Promotion of Industry and Internal Trade	12	12	0	12	28,693
Ministry of New and Renewable Energy	01	1	0	1	20,774
Ministry of Electronics And Information Technology	01	1	0	1	4,680
Ministry of Textiles	05	05	0	05	9,760
Total	396	256	140	198	18,66,53'

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