

# GatiShakti Sanchar portal

May 18, 2022

**In news**— In line with the PM GatiShakti National Master Plan, the Union Minister for Communications has recently launched the “GatiShakti Sanchar” portal (named Sugam sanchar) for Centralised Right of Way (RoW) approvals.

## About the portal-

- **The portal has been developed keeping in view the vision areas of the National Broadband Mission at the core,** which are, providing broadband infrastructure as a core utility to every citizen, Governance and services on demand and in particular, digital empowerment of the citizens of our country.
- **National Broadband Mission (NBM) was set up by the Department of Telecommunication (DoT) on December 17, 2019;** to facilitate universal and equitable access to broadband services across the country, especially in rural and remote areas.
- This portal will provide a robust mechanism to achieve the goal of “Broadband for All” as envisaged in the National Digital Communication Policy-2.
- **The portal shall act as an enabler to the objective of “Ease of doing business”** for telecommunications infrastructure works.
- The timely disposal of RoW applications of various Service and Infrastructure providers shall enable speedy infrastructure creation which would be an enabler for timely rollout of 5G Network also.
- The **portal will enable applicants form various Telecom Service providers (TSPs)** as well as Infrastructure providers (IPs) to apply at a common single portal for Right of Way permissions to lay down Optical Fibre Cable and for erecting mobile towers to State/UT Governments and local bodies.

- As it smoothens the process of RoW permissions as well as faster approvals; **it is believed to facilitate easy rollout of 5G services, in which a Base Transceiver Station (BTS)** is installed at very short intervals.
- For effective monitoring of RoW applications across the country, the portal even comes fitted with a potent dashboard showing State and District wise pendency status.
- The portal will also bring an array of advantages to the Government Bodies- both Central and State/UT. It will smoothen the RoW approval process, which will lead to:
  - **Fast laying of more Optical Fiber Cable** and thus will accelerate fiberization.
  - **Increased tower density** which will enhance connectivity and improve the quality of various telecom services.
  - **Increased fiberization of telecom towers**, thus ensuring better Broadband speed, across the country.
- **The portal has been developed by Madhya Pradesh state Electronics Development Corporation on behalf of DoT.**

### **Pradhan Mantri Gatishakti National Master Plan(PMGNMP)-**

- **It is a 100 lakh crore national infrastructure master plan** which will create a foundation for holistic infrastructure and give an integrated pathway to our economy.
- It was launched on 13th October 2021 for providing multimodal connectivity infrastructure to various economic zones.
- Gatishakti will **help local manufacturers turn globally competitive** and develop possibilities of new future economic zones.
- It will **bring employment opportunities for youth**, help in holistic infrastructure growth.
- The scope of the Plan **will encompass the seven engines**

**for economic transformation, seamless multimodal connectivity and logistics efficiency.**

- PM GatiShakti is a transformative approach for economic growth and sustainable development. **The approach is driven by 7 engines, namely:**

1. Railways.
2. Roads.
3. Ports.
4. Waterways.
5. Airports.
6. Mass Transport.
7. Logistics Infrastructure.

- All 7 engines will pull forward the economy in unison. These engines are supported by the complementary roles of Energy Transmission, IT Communication, Bulk Water & Sewerage, and Social Infrastructure.
- The approach is powered by Clean Energy and Sabka Prayas – the efforts of the Central Government, the state governments, and the private sector together – leading to huge job and entrepreneurial opportunities for all, especially the youth.
- **It will also include the infrastructure developed by the State Governments,** as per the GatiShakti Master Plan.
- **The focus will be on planning, financing including through innovative ways, use of technology and speedier implementation.**
- The projects pertaining to these 7 engines in the “National Infrastructure Pipeline” will be aligned with PM GatiShakti framework.
- **The touchstone of the Master Plan will be world-class modern infrastructure** and logistics synergy among different modes of movement – both of people and goods – and location of projects. This will help raise productivity and accelerate economic growth and

development.

- The plan has been developed as a Digital Master Planning tool by BISAG-N (Bhaskaracharya National Institute for Space Applications and Geoinformatics) and has been prepared in dynamic Geographic Information System (GIS) platform wherein data on specific action plan of all the Ministries/Departments have been incorporated within a comprehensive database.
- Dynamic mapping of all infrastructure projects with real-time updation will be provided by way of a map developed by BISAG-N.
- The map will be built on open-source technologies and hosted securely on MEGHRAJ i.e. cloud of Govt. of India.
- It will use satellite imagery available from ISRO and base maps from Survey of India.
- **Under this, the comprehensive database of the ongoing & future projects of various Ministries has been integrated with 200+ GIS layers** thereby facilitating planning, designing and execution of the infrastructure projects with a common vision.
- The **data of all the individual Ministries will be integrated in one platform** which will be available for planning, review and monitoring.
- **The Logistics Division, Ministry of Commerce & Industry (MOCI) will further assist all the stakeholders through BISAG-N for creating and updating their required layers** in the system and update their database through Application Programming Interface (APIs).