

PM Gati Shakti and Renewable Energy:

Enabling India's Next Phase of Infrastructure Development



1. Introduction

India's renewable energy ambitions extend beyond increasing generation capacity. As projects grow in scale and complexity, success increasingly depends on integrated planning, efficient execution and coordinated infrastructure development.

The **PM Gati Shakti National Master Plan** represents a significant step in this direction. By bringing multiple ministries, infrastructure agencies and planning data onto a unified digital platform, the initiative aims to improve project coordination, reduce execution bottlenecks and accelerate infrastructure delivery across sectors including renewable energy.

2. Driving Better Planning for Renewable Energy

Large renewable energy projects rely on seamless coordination between land availability, transmission infrastructure, logistics, environmental clearances and multiple government stakeholders. Traditionally, fragmented planning has often resulted in delays and execution challenges.

To address this, the Ministry of New and Renewable Energy (MNRE) has integrated renewable energy planning within the PM Gati Shakti framework through measures such as:

- Mapping renewable energy projects of 50 MW and above on the National Master Plan.
- Standardised geospatial data for renewable assets and transmission infrastructure.
- Improved coordination among Renewable Energy Implementing Agencies, State Nodal Agencies and transmission utilities.
- Regular project data updates to enhance planning accuracy and visibility.

This integrated approach supports better decision-making while strengthening the long-term viability of renewable energy projects.

3. Why It Matters for Investors and Developers

Infrastructure planning has become an increasingly important factor in project bankability. Investors and lenders today evaluate not only financial metrics but also execution readiness, transmission connectivity, regulatory alignment and project risks.

A well-planned project ecosystem reduces uncertainty, supports faster financial closure and creates greater confidence for all stakeholders involved.

As India's clean energy sector continues to expand, advisory firms play a critical role in helping developers, investors and lenders navigate technical, financial and commercial complexities throughout the project lifecycle.



4. Supporting India's Renewable Energy Journey

The evolution of India's renewable infrastructure ecosystem has created opportunities for increasingly sophisticated advisory support.

Recently, Infrastructure Advisors Pvt. Ltd. had the opportunity to advise on the debt financing of **one of India's marquee renewable energy projects**, facilitating financing of **over ₹5,000 crore**. The transaction reflects the growing scale of renewable infrastructure investments and reinforces the importance of structured advisory in enabling successful project execution.

Our focus remains on delivering objective, execution-driven advisory that supports sustainable infrastructure development and long-term value creation for clients and stakeholders alike.

5. Looking Ahead

India's renewable energy transition will be shaped not only by ambitious capacity targets but also by the quality of planning, financing and execution behind every project.

Initiatives such as PM Gati Shakti are laying the foundation for a more integrated infrastructure ecosystem, where coordinated planning and informed decision-making help accelerate sustainable development. As the sector continues to evolve, Infrastructure Advisors remains committed to supporting complex infrastructure transactions that contribute to India's clean energy future.



6. References

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