



Multitracking Projects Under PM Gati Shakti

Why in News?

The [Cabinet Committee on Economic Affairs](#) approved two multitracking railway projects worth Rs 6,405 crore, covering **seven districts across Jharkhand, Karnataka, and Andhra Pradesh**.

Key Points

- **Details of Approved Projects:**
 - **Koderma-Barkakana Doubling (133 km) - Jharkhand**
 - The project **passes through Jharkhand's key coal belt** and provides the shortest, most efficient rail link between Patna and Ranchi.
 - **Ballari-Chikjajur Doubling (185 km) - Karnataka & Andhra Pradesh**
 - The line covers Ballari and Chitradurga districts in Karnataka and Anantapur district in Andhra Pradesh.
 - These projects are part of the [PM Gati Shakti National Master Plan](#), which enables integrated, multi-modal connectivity through better planning.
- **Operational and Economic Benefits:**
 - The increased line capacity will boost train mobility, reduce congestion, and improve service reliability.
 - These routes play a vital role in transporting key commodities like [coal](#), [iron ore](#), [steel](#), [cement](#), [fertilizers](#), [agricultural goods](#), and [petroleum products](#).
 - The capacity upgrade is **expected to generate additional freight traffic** of 49 MTPA (Million Tonnes Per Annum).
- **Environmental and Sustainability Gains:**
 - The railway upgrades will help **reduce oil imports** by 52 crore litres, [cutting CO₂ emissions](#) by 264 crore kg, equivalent to planting 11 crore trees.
 - The shift to rail – a cleaner, energy-efficient mode of transport – supports [India's climate goals](#) and helps lower the country's logistics cost.
- **About Jharkhand Coal Belt:**
 - Jharkhand has **large deposits of minerals**.
 - The region comprising seven districts – **Bokaro, Chatra, Dhanbad, Giridih, Hazaribagh, Koderma and Ramgarh** is also known as the state's coal belt.
 - **40% of the total minerals of the country** are available in the state.
 - The state is the **sole producer of cooking coal, Uranium and Pyrite**.
 - It ranks **first in the production of coal, mica, Kyanite and copper in India**.

PM GatiShakti National Master Plan

- The PM Gati Shakti National Master Plan, **launched in October 2021** is a transformative Rs. 100 lakh crore initiative aimed at **revolutionising India's infrastructure** over the next five years.
- It has been developed as a **Digital Master Planning tool** by **BISAG-N (Bhaskaracharya National Institute for Space Applications and Geoinformatics)**.
 - It has been prepared in a **dynamic Geographic Information System (GIS) platform** wherein data on specific action plans of all the Ministries/Departments have been incorporated within a comprehensive database.

- The plan seeks to **accelerate project completion**, reduce timelines, and enhance India's global competitiveness by breaking down inter-ministerial obstacles.
- The vision of PM GatiShakti is to **create a world-class infrastructure** that improves the **ease of living**, **boosts economic growth** and makes Indian businesses more competitive.

The master plan

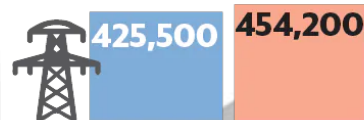
The PM Gati Shakti aims to break inter-ministerial silos in infrastructure development. It will be achieved through integrated planning and coordinated implementation between different government departments.

Key targets by FY25

■ Now ■ Target



Total length of power transmission network (in circuit km)



Total renewable energy capacity (in GW)

