

Koyla Shakti Platform

Prelims: Current events of national and international importance

Why in news?

The Ministry of Coal is Set to Launch "Koyla Shakti" Dashboard for real-time monitoring and analysis of coal sector operations.

- Koyla Shakti It is a *Smart Coal Analytics Dashboard* for real-time monitoring and analysis of coal sector operations.
- **Developed by -** Ministry of Coal.
- **Purpose** The dashboard is designed to provide a unified interface for monitoring coal production, supply, and logistics.

Key Features

- Integrating various stakeholders It serves as a *centralized digital* platform integrating data from multiple stakeholders, including:
 - Coal producing companies and private miners
 - Central Ministries and Departments such as Coal, Railways, Power, Finance, Ports, Shipping & Waterways, and Road Transport & Highways
 - State Departments managing coal production (E-khanij platforms)
 - Power generation companies and other industrial coal consumers
 - $_{\circ}$ Port authorities and private coal-handling terminals
- Data-Driven Decision Making Analytical tools to support evidencebased policy formulation and management decisions.
- Incident Response Timely alerts and notifications enabling faster resolution of operational challenges.
- Standardized metrics and reporting formats To ensure consistency across stakeholders.
- Incident alerts / operational disruptions Faster response to logistic or supply-chain breakdowns.
- Operational Efficiency Simplification of monitoring and reporting, minimizing manual errors.

- **Scalability** The system is designed to integrate further data sets and digital systems in the future.
- Transparency & Accountability Enhanced visibility of performance indicators for all stakeholders.
- **Policy Planning & Forecasting -** Analytical insights to support demand forecasting and strategic planning.
- **Goal** -To enhance efficiency, transparency, and data-driven decision-making within India's coal sector.
- Alings with The launch of Koyla Shakti aligning with the *Digital India* vision and reinforcing India's journey towards *Atmanirbhar Bharat* and long-term energy security.

Reference

PIB | Ministry of Coal is Set to Launch "Koyla Shakti"

