



# 12<sup>th</sup> PHDCCI GLOBAL **RAIL** & **METRO CONVENTION**

## परिवर्तन की यात्रा

*Transforming Railways: Advancing Resilient, Inclusive & Future-Ready Mobility for Viksit Bharat*



**MARCH 06, 2026**  
**9.30 A.M. ONWARDS**  
**PHD HOUSE, NEW DELHI**



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# परिवर्तन की यात्रा - *THE JOURNEY OF TRANSFORMATION:*

Indian Railways and Urban Metro Systems constitute the backbone of India's transportation and logistics ecosystem, playing a pivotal role in driving economic growth, enhancing regional connectivity, enabling efficient urban mobility and promoting social inclusion. Beyond moving passengers and freight, they have evolved into catalysts for industrial growth, technological innovation, employment generation and global competitiveness. As India advances toward its USD 5 trillion economy vision, the rail and metro sectors are undergoing a paradigm shift—from legacy transport systems to technology-driven, passenger-centric and environmentally sustainable mobility solution provider.

Indian Railways has evolved significantly from its foundational role in nation-building and physical connectivity, reflecting a transformational change in systems, capabilities and national aspirations, supported by policy reforms, public-private partnerships, Make in India initiatives and next-generation technologies.

Infrastructure-led growth is being further powered by significant investments across high-speed rail, metro expansion, Initiatives spanning high-speed mobility, civil engineering marvels, dedicated freight corridors, station redevelopment, electrification, digital signalling, rolling stock modernization & new train sets, multimodal integration, green mobility, advanced safety systems and much more. The adoption of global best practices, increased private participation, indigenous manufacturing and AI-driven innovation is shaping a future-ready, resilient rail ecosystem aligned with the vision of Viksit Bharat @2047 and Rashtra Nirmaan.

Building on the success of its previous 11 editions, the 12th Edition of the PHDCCI Global Rail & Metro Convention embodies the theme **परिवर्तन की यात्रा** reflects this transformational journey—honouring the legacy of Indian Railways while embracing innovation, sustainability, and global best practices to its transition towards a sustainable, safe, inclusive, and globally competitive mobility ecosystem.

**परिवर्तन की यात्रा** is not just a reflection of progress—it is a call to action & underscores the strategic shift towards advanced infrastructure, digital technologies, enhanced safety, green energy, and passenger-centric services, positioning railways & metro as key enablers of inclusive growth and sustainable development.

## 12th PHDCCI GLOBAL RAIL & METRO CONVENTION

### परिवर्तन की यात्रा - *THE JOURNEY OF TRANSFORMATION:*

*TRANSFORMING RAILWAYS: ADVANCING RESILIENT, INCLUSIVE & FUTURE-READY MOBILITY FOR VIKSIT BHARAT*

## PROGRAMME HIGHLIGHTS

- Recognition and felicitation of industry stalwarts and innovators
- High-level platform for knowledge exchange and strategic networking
- Dialogue with policymakers, global experts, industry leaders, and innovators
- Insights into policy reforms, sectoral roadmap, and future vision
- Showcase of advanced technologies and global best practices & Industry trends
- Identification of investment and business opportunities across rail & allied sectors
- Strengthening national and international industry partnerships
- Exploring new avenues for forging business linkages
- Focus on sustainability, digitization, innovation, and capacity building
- Promote indigenization, innovation & Start-up participation
- B2B, B2G, and B2C networking & collaboration opportunities



# FOCUS SECTORS

## A. KEYNOTE SESSION: INDIAN RAILWAY'S & METRO- THE VISION, POLICY & STRATEGIC TRANSFORMATION

- Journey of Transformation- Historical legacy Future-ready mobility ecosystem
- Policy Changes, PLI Scheme, Key Initiatives & Challenges
- Policy & Investment for a Developed , Resilient, Sustainable Rail & Metro Ecosystem
- Digital Railways & Rail 4.0-Adoption of New age Advanced Technologies and sustainable practices for Atmanirbhar Bharat.
- Network expansion & mega infrastructure projects on the anvil- Budget 2026
- Encourage indigenous manufacturing under Make in India and Atmanirbhar Bharat
- Explore financing & investment models and PPP frameworks
- Cross-border rail connectivity border, technology partnerships & regional integration
- India as a global rail manufacturing and innovation hub

## B. परिवर्तन की यात्रा JOURNEY TO TRANSFORMATION - CHAI PER CHARCHA WITH CMD'S & MD'S

- Strategic Leadership & Future Governance towards Resilience, Sustainability & Inclusive Growth
- Railways & Metro - as a Catalyst for Viksit Bharat
- Strengthening India's Mobility Infrastructure, Modernization & Capacity Augmentation
- High-speed and Semi-High-Speed Rail Projects- NHRCL, RRTS, Metro Networks
- Modern Rolling stock and smart train technologies- Vande Bharat & Other Train Sets
- Financing climate-resilient infrastructure-Funding & PPP models for large-scale upgrades
- Freight & Logistics Transformation- DFCCIL-Dedicated Freight Corridors (DFCs) and multimodal logistics efficiency
- AI, Modern Technology & Sustainability initiatives in Railways & Infrastructure projects
- Inclusive Mobility & Passenger-Centric Railways & Stations-IRCTC, DMRC, CRIS, NCRTC initiatives
- Sustainability & Green Mobility strategies

## C. DIGITAL RAILWAYS: LEVERAGING EMERGING TECHNOLOGIES FOR INTELLIGENT SIGNALLING, ENHANCING SAFETY, CONNECTED NETWORKS & OPERATIONAL EXCELLENCE

- AI, IoT, Data Analytics ,Big Data, Block chain, Automation, Predictive maintenance & data-driven decision-making & rail operations
- Electrification & Digitalisation Of Railway Signalling Systems ; Signal Control & Telecom Systems (ETCS, CBTC,CTC)
- Smart Asset Management, Maintenance & Integrated Command & Control Centres
- Cyber-security, Safety Assurance Systems , Data protection & Digital resilience
- Emerging Technologies in Signalling , Telecommunication, Traffic Management , real-time monitoring , Safety, Surveillance & Security
- Train Protection & safety Systems & Maintenance {viz: Kavach, ATP, ATC,TPWS,CAS,IRMS & more}
- Communication & Networking Systems; Tetra Communications Solutions; Radio, GSM-R & FRMCS Equipment; 5 G ; RFID ; Bluetooth Low Energy (BLE) technology ; AI-powered CCTV Cameras ; Integration with 5G for smart operations & more
- Passenger information systems, Ticketing Technologies & Passenger experience upgrades
- Global Railway Technology Trends & Opportunities for a collaborative road map
- Next-generation railway technologies & Innovations by Start-ups



## D. FUTURE OF URBAN MOBILITY: SCALING METRO RAIL FOR INDIA'S GROWING CITIES

- Expanding metro networks in Tier II & Tier III cities
- Metro-lite, Metro-neo, and alternative urban transit systems
- Last mile Connectivity -Integration with buses, suburban rail, NMT
- Transit-Oriented Development (TOD) and smart cities
- Integrated Transport Planning - Role Of Metro Projects In Multimodal Transport Integration

## E. FUTURE-READY RAIL & METRO INFRASTRUCTURE: INDIGENOUS MANUFACTURING & INNOVATION IN ROLLING STOCK, WAGONS AND TRACK MODERNIZATION

- Indigenous Manufacturing & Atmanirbhar Rail Ecosystem – Building globally competitive rail manufacturing ecosystems
- Innovation in Rolling Stock & Wagons (Technical & Interiors) – Next-generation designs for efficiency, safety & passenger comfort
- Rolling Stock Innovation (Rail & Metro)-Modern & new Technologies for Performance, safety and comfort
- Indigenous manufacturing & New Innovations of EMUs, MEMUs, Vande Bharat, Metro coaches, Vistadome Coaches, New Bharat Gaurav Trains & Hydrogen trains
- Wagon Design & Freight Modernization to boost capacity, speed, and logistics efficiency
- Use of Lightweight materials (aluminium, composites, stainless steel)
- Energy-efficient traction systems and propulsion technologies
- Track & Infrastructure Modernization – High-speed & Heavy-haul track designs & resilient rail infrastructure
- Long welded rails (LWR) ; LOCOTROL Distributed Power System & Overhead Equipment (OHE) systems
- Indigenous production of rails, sleepers, fastenings, and turnouts
- Advanced Manufacturing Technologies- Industry 4.0 in rail production- Automation, robotics, and digital manufacturing
- Safety, Standards & Reliability – Global benchmarking and resilient operations
- Sustainability & Green Railways – Low-carbon materials, energy efficiency and lifecycle sustainability
- New Initiatives - Hydrogen-powered trains; Hyperloop technology
- Public-Private Partnerships & Investment Models- Scaling infrastructure through collaboration

## F. FREIGHT RAIL REVOLUTION: EFFICIENCY, SPEED & SUSTAINABILITY TO INCREASE RAILWAYS FREIGHT SHARE

- Current Modal Share & Strategic Targets
- Measures to attract freight from road and optimise rail for long-haul cargo
- Operational Efficiency & Speed – Optimizing logistics, turnaround times, and freight corridors
- Dedicated Freight Corridors & Network Expansion – Enhancing capacity and connectivity for bulk and containerized cargo
- High-capacity freight corridors and logistics hubs
- Multimodal integration with ports, roads, and inland waterways
- Technology & Digitalization – AI, IoT, predictive maintenance, and real-time tracking for smarter freight operations
- GATI SHAKTI NATIONAL MASTER PLAN -Modal Cargo Terminal Policy
  - Global manufacturing and logistics hub
  - National Logistics Policy-Railway focus
- New Dedicated Freight Corridors (DFC) & Network Expansion- Budget 2026 fund allocations to expand cargo capacity and reduce transit times
- Rail Freight Customer Perspective-Coal, Steel, Automobiles & Others
- Diversifying Freight Portfolio and Enhance Logistics Services
- Innovative Freight Solutions & Multimodal Integration – Seamless connectivity with ports, roads, warehouses, Modern Freight Terminals & Multimodal Logistics Park
- Strategies to enhance rail freight share and overcome infrastructural bottlenecks
- Parcel & E-commerce freight share enhancement
- Sustainability & Green Freight – Energy-efficient locomotives, electrification, and low-carbon transport solutions

## G. INVESTMENT PATHWAYS FOR A MODERN, SUSTAINABLE MOBILITY ECOSYSTEM

- Policy & Regulatory Enablers – Incentives, approvals, enabling regulatory frameworks
- Attract domestic & Global Capital Financing, PPP, Innovative financing & Investment Models & Asset monetization
- Public-Private Partnerships & Collaborative Models – Driving private sector participation in rail modernization
- Innovative Financing Mechanisms – Green bonds, infrastructure funding, and risk-sharing models
- Technology & Modernization Investment – Funding digital systems, rolling stock, tracks, and multimodal integration
- Sustainability & ESG-Aligned Funding – Low-carbon projects and environmentally responsible investments
- PPP frameworks for Metro Rail and Station redevelopment
- Role of multilateral agencies and green financing
- Risk sharing and long-term sustainability of projects
- National & international investment opportunities



# **EMINENT INVITED SPEAKERS & PARTICIPANTS**

The Convention will witness participation from senior policymakers, infrastructure leaders, global experts, investors, and industry stakeholders across the entire railway and allied ecosystem, including

## **GOVERNMENT, POLICY & PUBLIC INSTITUTIONS**

- Ministry of Railways, Government of India
- Railway Zones and Production Units
- Ministry of Commerce & Industry
- NITI Aayog and DPIIT
- Ministry of Steel, Coal, Power, MNRE, and MoEF
- Central Ministries, Government Agencies, and Policy Makers
- State Transport Departments and Infrastructure Authorities
- Ambassadors, Diplomats, and Trade Missions
- International Railway Associations and Multilateral Organisations

## **INDIAN RAILWAYS & ASSOCIATED ORGANIZATIONS**

- RDSO / COFMOW / RITES / RVNL
- RailTel / CRIS / IRFC
- DFCCIL / NHSRCL / IRSDC / IRCTC
- CONCOR / CWC / CRWC
- IRCON / KRCL / MRVC / RCIL / KRDCL
- DMIC / DMRC

## **INTERNATIONAL FINANCIAL & DEVELOPMENT INSTITUTIONS**

- World Bank
- Asian Development Bank (ADB)
- JICA, JETRO
- Other Multilateral and Bilateral Funding Agencies

## **INDUSTRY, CORPORATES & INFRASTRUCTURE PLAYERS**

- PSU Heads and Leading Private Sector Companies
- Engineering, Architecture, and Consulting Firms
- Infrastructure Developers and EPC Companies
- Construction Firms and Real Estate Developers
- Manufacturers, Equipment Suppliers, and OEMs
- Locomotive, Rolling Stock, Wagon, and Container Manufacturers
- Design and Technology Solution Providers

## **TECHNOLOGY, SAFETY & INNOVATION ECOSYSTEM**

- Signaling, Telecom, and Electrification Companies
- Digital Rail Technology Providers (AI, IoT, Big Data, Automation)
- Safety, Security, and Surveillance Solution Providers
- Power and Renewable Energy Companies
- Start-ups and Innovation-driven Enterprises

## **LOGISTICS, FREIGHT & TRANSPORT STAKEHOLDERS**

- Freight Forwarders and Multimodal Logistics Operators
- Warehousing Companies and Container Leasing Firms
- Port Authorities, Road Infrastructure, and Heavy Industries
- Freight Customers – Steel, Coal, Cement, Automobile, Agriculture, FMCG
- ICDs, MMLPs, and Private Rail Operators

## **FINANCE, LEGAL & ADVISORY**

- Banking and Non-Banking Financial Institutions
- Infrastructure and Project Financing Institutions
- Legal Firms and “Big Four” Consulting Companies
- Industry Analysts, Consultants, and Domain Experts
- National and International Think Tanks

## **ALL RELEVANT & ALLIED STAKEHOLDERS**







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### GLIMPSES OF PREVIOUS EVENTS



### PARTNERSHIP & EXHIBITION OPPORTUNITIES AVAILABLE

**For Speaker/ Partnership / Other Opportunities please contact:**

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