

NATIONAL CONFERENCE ON

# MODERN LOGISTICS

FOR METALS & MINERALS 3.0



18th December 2025 | Le Meridien, New Delhi

## Program Outline

**9:00-9.45am**

### ***Delegate Registrations & Networking Session***

**9:45am -11:00am**

### **Conference Inaugural Session**

Welcome Note:

Industry Note:

Chief Guest:

Discussion Points:

- Government schemes (like Bharatmala) supporting infrastructure logistics
- PPP models for faster execution
- Financing and investment trends in infrastructure logistics
- Mega infrastructure projects transforming logistics

**11.00-11.15am: Mementos to the dignitaries by Ms. Monica Bachchan Duvvuri, Founder & CEO (Group Photo)**

**11:15am – 12:00pm (45 minutes) – Presentations**

### ***Session 1 – Roads, Highways & Bridges***

***Discussions Points:***

- Mega infrastructure projects transforming logistics
- Logistics of precast beams, girders, cables, and decking materials
- Crane operations and lifting strategies for heavy components
- Handling of special materials like steel-reinforced composites
- Engineering solutions for faster connectivity
- Transport of oversized loads (heavy machinery, precast components)
- Traffic management during material movement

**12:00am – 12:30pm (30 minutes) – Presentations**

### ***Session 2 – Tunneling and Indian mountain challenges***

***Discussions Points:***

- Geological Complexity: Presence of fault zones, water-bearing strata, and weak rocks
- Topographical Constraints: Limited access for machinery, material transport, and manpower
- Types of tunnels: road, metro, railway, and utility tunnels
- Equipment logistics: tunnel boring machines (TBMs), support machinery, and precast segments
- Material handling: concrete, steel reinforcement, liners, and shotcrete supply

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- Safety protocols in transport and storage for underground construction

12:30pm – 1:15pm (45 minutes) – Discussions

**Session 3 – Railways – Expanding Freight & Passenger Logistics**

**Discussions Points:**

- Enhancing railway logistics corridors
- Role of dedicated freight corridors (DFC)
- Efficient rail transport for bulk commodities like iron ore, coal, bauxite, and other minerals
- Use of specialized containers (e.g., open-top containers) for heavy and oversized finished goods.
- Integration of railways with major mining and port terminals for seamless supply chain logistics.
- Public-private partnership opportunities

**1:15pm – 2:15pm - (Lunch Break & Networking Session)**

2:15pm – 3:15pm (60 minutes) – Presentations

**Session 4: Factory Logistics & Supply Chain Efficiency**

**Discussion Points:**

- Implementation of automated conveyor systems, robotic arms, and automated guided vehicles (AGVs) for efficient material movement within factories.
- Just-in-time (JIT) inventory systems to minimize storage costs and reduce waste.
- Transport Management Systems and IOTs
- Deployment of forklifts, pallet jacks, and overhead cranes for the internal movement of heavy materials like steel, aluminum, and other metals.
- Warehouse Optimization: Efficient layout design for warehouses to minimize travel time and optimize space utilization. Use of vertical storage solutions and automated retrieval systems for better space management.

3:15pm – 4:15pm (60 minutes)

**Session 5: Pipes & Tubes Logistics for Liquid and Gas Transportation:**

**Panel Discussion:**

- Types of pipes and tubes: stainless steel, clad (cadded) pipes, and slurry pipelines
- Growing demand trends in oil, gas, slurry transport, and chemical sectors
- Applications in oil, gas, chemicals, water, and slurry transport
- Rail, road, coastal shipping integration for slurry pipelines and cadded pipes
- Domestic and international sourcing challenges

----- Day Ends-----