



11th Annual Conference on

RAILWAYS IN INDIA

Progress, Plans, Issues and Opportunities

September 13-14, 2017, Shangri-La's - Eros Hotel, New Delhi

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RAILWAYS IN INDIA

Mission

- The current government has set out the objectives for Indian Railways (IR) – financially self-sustainable, technologically advanced and customer-friendly. Its focus is not solely on capacity creation. Equal emphasis is being laid on modernisation, digitalisation, ease of doing business, safety and reliability, rationalisation of freight rates, and energy efficiency.
- The efforts have begun to show some positive results, though there is a long way to go. In 2016-17, IR had a capital expenditure of Rs 1.1 trillion, almost three times the average of the period 2009-14. The pace of capacity creation in terms of broad gauge lines and electrification almost doubled during the same period. There was also greater progress on the Dedicated Freight Corridor project.
- Station redevelopment contracts were awarded for Habibganj and Gandhinagar, and more than 25 stations are under bidding. India's fastest train (160 kmph), Gatimaan Express, was introduced. Further, Rs 170 billion was sanctioned to develop the Delhi-Mumbai and Delhi-Kolkata sections as semi-high speed corridors. Moreover, IR's electricity expenses declined by Rs 13 billion in 2015-16.
- In what could be termed as one of the biggest and long-awaited structural reforms in the sector, the cabinet approved the setting up of an independent regulator, the Rail Development Authority, to recommend passenger and freight fares and set service-level benchmarks.
- There are, however, a number of issues and concerns. Traffic growth has been almost flat. In 2016-17, the year-on-year growth in freight and passenger traffic was less than 1 per cent. During the first quarter (April-June) of 2017-18, the growth in freight and passenger traffic stood at 3.74 per cent and 2.34 per cent respectively.
- Private investment has been slow to flow in amid uncertainty over the bankability of projects. The railways are also losing market share in the freight and passenger business to other modes of transport such as roads and air. Capacity addition has not kept pace with the growth in traffic.
- Safety and security are other major concerns. Technology upgradation in the areas of tracks, bridges, signalling and telecommunications, etc. is limited. Improving the speed of trains and increasing the carrying capacity are also critical. A lot more needs to be done in terms of providing end-to-end integrated value-added services through the setting up of logistics parks, freight terminals, etc.
- **The mission of this conference is to highlight the recent initiatives of IR, examine the new opportunities and discuss key issues and concerns. The conference will also showcase noteworthy projects, technologies and best practices.**

Target Audience

The conference is targeted at officials and managers from:

- Indian Railways
- Financial institutions
- IR-related organisations
- Consultants
- Government agencies
- Equipment manufacturers
- Private operators
- Technology providers
- Potential developers/investors
- Service organisations
- Major consumers
- Contractors
- Logistics firms and ICDs
- Legal firms
- Port operators
- Development institutions
- Road organisations
- Industry analysts, etc.

Previous Participants

The participating organisations in our previous conferences include: ABB, ACC, Accenture, Adani Logistics, Adani Ports & SEZ, Aditya Birla, Afcons, AL Batra Group, Alcoa, Alstom, Amara Raja, Ambuja, Amtek, Ansaldo STS, APM Terminals, Arconic of India, Areva, Arshiya Intl, Arup, Assignia Infra, Australian Trade Commission, AVB Consultants, Axis Bank, AZB & Partners, BARSYL, Beekay Engineering, BEL, BEML, BESCO, Bharat Rail Automation, Bharat Wagon, Bharu Dahej Railway, BHEL, Bhilai Engineering, Bombardier, Bosch, Bureau Veritas, Cargo Motors, CDM Smith, Chennai Port Trust, Chittaranjan Locomotive, CIDCO, CIL, CONCOR, Contitech, CoreFab Projects, Coslight, CRIS, CRISIL, Crompton Greaves, CTI Engineering, Cytech Associates, Dalmia Bharat, DB International, DEHN, Desai Diwanji, DFCCIL, Dhamra Port, DLW, DPWorld, DSP Merrill Lynch, Dupont, EGIS, Elenium, EMD Locomotives, Ernst&Young, ESAB, Essar Steel, Essel InfraProjects, Essel Mining, ETA Engg, ETF, Ewac Alloys, FAG Bearings, Faiveley Transport, Fedders Lloyd, Feedback Ventures, Fomento Mining, Garware Wall Ropes, GatewayRail, Gati, GE Infrastructure Transportation, Geismar, Geoconsult, GE Transportation, GIDB, Haitong Securities, Halcrow, HCC, Henkel Adhesives, Hindalco, Hind Terminals, Honeywell, HSBC, Huber Suhner, ICICI, IDBI, IDFC, IL&FS, IMFA, Indian Railway Stations Development Corporation, IndraSistemas, Inlogistics, Integra Hindustan, Integral Coach Factory, IPM, IRCON, IRCTC, JIC, JM Financial, JSPL, JSW, Kalindee Rail Nirman, Kalpataru Power, KEC, KEI, Kesar Terminals, KIW, Kirloskar Pneumatic, Knorr Bremse, Konkan Railways, KPMC, Kutch Railway, L&T, Lahmeyer, Lara Global, Lea Associates, LL Logistics, Lloyd Electric, Louis Berger, M&I Materials, Maccaferri Environmental Solutions, Mahindra Logistics, Marubeni, Merrill Lynch, Mitsubishi, Monnet Projects, Morgan Stanley, Mumbai Port Trust, Mumbai Rail Vikas Corporation, N&S Solution, National Instruments, Nippon Koei, Nomura Financial, Northern Central Railway, NTPC, Outokumpu, Patil Rail Infrastructure, PetronetLNG, Phillips, Plasser, PMC Projects, Progressive Construction, PWC, Rail Coach Factory, Rail Tech, RailTel, Railway Board, Raychem RPG, RDSO, Reliance Jio, Reliance Industries, Riotinto, RITES, Ruchi Group, Ruchi Soya, RVNL, SAIL, Sany Heavy Industries, SBI Capital, Scope T&M, Seahorse Buss, Servomax, SEW Constructions, Shapoorji Pallonji, Sherman International, Siemens, Soma Enterprises, Spain Business Overseas, SREI, Sterling & Wilson, SVJ Corporation, SYSTRA MVA, Tata BlueScope, Tata Motors, Tata Projects, Tata Realty, TCE, Texon, Thales, TICIL, TMA, Touax Texmaco, Transasia, TRF, UGL Rail, Ultratech Cement, Uniseven Engineering, USBRL Project Northern Railway, UTC, Utikarsh Tubes & Pipes, Valvoline Cummins, Vinci Concessions, Virgo Consultants, Visakhapatnam Port Trust, Vishal Nimriti, Vizag Steel, VNR Group, Vossloh Cogifer, Wabtec Corporation, YesBank, Zephyr SpA, etc.

AGENDA/STRUCTURE

KEY TRENDS AND OUTLOOK

- ❖ What are the recent trends and developments in the railways sector?
- ❖ What are the key challenges and opportunities?
- ❖ What is the future outlook?

INDIAN RAILWAYS' PERSPECTIVE

- ❖ What is Indian railways' perspective on the development of the railways?
- ❖ What are the key policy initiatives and future plans of IR?
- ❖ What are the key issues and challenges?

FOCUS ON PPPs: OPPORTUNITIES AND CHALLENGES

- ❖ What has been the experience with regard to PPP projects in the railways sector?
- ❖ What are the issues and challenges?
- ❖ What are the areas of opportunity for the private sector?

PROGRESS ON DFC

- ❖ What is the current status of the DFC? What are the key milestones and targets?
- ❖ What are the key issues and challenges?
- ❖ What are the opportunities for private players?

IMPROVING RAIL CONNECTIVITY

- ❖ What is the current state of rail connectivity in India?
- ❖ What needs to be done to address rail-port connectivity and last-mile linkages? What is the status of various initiatives in this regard?
- ❖ What are the various rail connectivity projects that are planned, or under implementation?

ROLLING STOCK

- ❖ What has been the experience so far with respect to the procurement of rolling stock (locomotives, passenger coaches and wagons)?
- ❖ What are the current/future requirements for rolling stock?
- ❖ What are IR's initiatives and future plans?
- ❖ What are IR's initiatives and plans to improve procurement practices?

STATION MODERNISATION

- ❖ What is the current status of the modernisation/redevelopment of stations?
- ❖ What are the key issues and challenges?
- ❖ What are the key initiatives?

UPDATE ON HIGH-SPEED RAIL

- ❖ What are the plans for HSR development in India?
- ❖ What has been the progress so far?
- ❖ What are the key issues and challenges? What steps are being taken to address them?
- ❖ Which new technologies are being planned and adopted?

PROJECT SHOWCASE

- ❖ What are the key noteworthy rail projects completed and under implementation?
- ❖ What are the issues in the implementation of projects?
- ❖ What are the lessons learnt?

FINANCING RAILWAY PROJECTS

- ❖ What are the current financing models and funding sources? What has been the experience so far?
- ❖ What are the alternative funding sources?
- ❖ What are the risks and challenges?

FOCUS ON SIGNALLING AND TELECOMMUNICATIONS

- ❖ What are the recent initiatives and plans in signalling and telecommunications?
- ❖ What has been the experience with some of the technologies deployed in India?
- ❖ What are the key challenges and opportunities?

TRACKS AND BRIDGES

- ❖ What are the requirements for upgrading railway tracks and bridges?
- ❖ What techniques are followed to assess and monitor the condition of tracks and bridges?
- ❖ What are IR's initiatives and plans in this area?
- ❖ What are the key issues and challenges?

PROMISE OF NEW TECHNOLOGIES, EQUIPMENT AND MATERIALS

- ❖ What are the most promising and relevant new railway technologies?
- ❖ What has been the experience with some of these technologies in India?
- ❖ What are the key issues and challenges?

MANAGING THE ENERGY NEEDS OF INDIAN RAILWAYS

- ❖ What are the energy needs of the railways? How are they being met?
- ❖ How can the railways improve their energy efficiency and reduce their carbon footprint?
- ❖ What are the specific plans for harnessing solar and wind power?
- ❖ What are IR's plans for developing its transmission network to meet its energy needs?
- ❖ What are the key issues and challenges?

IMPACT OF GST

- ❖ What will be the impact of GST on rail transport and freight rates?
- ❖ What will be the impact on container train operators?
- ❖ Which contracts will need restructuring?
- ❖ What are the key concerns and unresolved issues?

Speakers in 2016

- ❖ **Mohd Jamshed**, Member, Traffic, Railway Board
- ❖ **Bibek Debroy**, Chairman, Committee on Restructuring of Railway Ministry and Railway Board and Member, NITI Aayog
- ❖ **Ambrish Kumar Gupta**, Additional Member, Traffic Transportation, Railway Board
- ❖ **K.B. Nanda**, Financial Commissioner, Railway Board
- ❖ **Vivek Saxena**, Executive Director, Land and Amenities, Railway Board
- ❖ **M.S. Mathur**, Executive Director, PPP, Traffic, Railway Board
- ❖ **S.K. Lohia**, Chief Executive Officer, Indian Railway Stations Development Corporation
- ❖ **H.D. Gujrati**, Director, Operations and Business Development, Dedicated Freight Corridor Corporation of India
- ❖ **Arvind Mital**, Executive Director, Signal-I, Railway Board
- ❖ **Nasim Uddin**, Executive Director, Power Supply & EMU
- ❖ **A.K. Singhal**, Executive Director, Civil Engineering, Bridges and Structure, Railway Board
- ❖ **Sudhir Garg**, Executive Director, Electrical Energy Management, Railway Board
- ❖ **R.N. Singh**, Executive Director, Track Modernisation, Railway Board
- ❖ **Ashok Kumar Verma**, Executive Director, Railway Stores, Steel, Railway Board
- ❖ **A.P. Mishra**, Managing Director, Kutch Railway Company
- ❖ **Rajesh Kumar**, Director, Mechanical Engineering, Freight, Railway Board
- ❖ **T.K. Pandey**, Director, Track Machines, Railway Board
- ❖ **Prashant Mishra**, Director, 3ph EMU & Metro, Research Design & Standards Organisation
- ❖ **V.N. Mathur**, Senior Consultant, Japan International Consultants for Transport
- ❖ **Pradeep Kumar**, Assistant General Manager, Strategic Business, RailTel Corporation of India
- ❖ **Jagannarayan Padmanabhan**, Director, Transport and Logistics, CRISIL Infrastructure Advisory
- ❖ **Nripesh Kumar**, Partner, Lead Transport and PPP, Government & Transaction Advisory Services, EY

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Delegates	Price after
One delegate	29,500 or \$492
Two delegates	47,200 or \$787
Three delegates	64,900 or \$1,082
Four delegates	82,600 or \$1,377

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- Registration will be confirmed on receipt of the payment.
- To register online, please log on to <http://indiainfrastructure.com/conf.html>

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- Conference fees cannot be substituted for any other product or service being extended by India Infrastructure Publishing Pvt. Ltd.

Organisers

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