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13th Annual Conference on
ROAD DEVELOPMENT IN INDIA

Progress so far, Outlook and Opportunities

August 23-24, 2018, Shangri-La's - Eros Hotel, New Delhi

Organiser:



Supported by:



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*Lead and Co-sponsorship slots available

ROAD DEVELOPMENT IN INDIA

Mission

- The road sector is witnessing an increased pace of project award and completion. The course correction measures taken during the past few years seem to be finally showing results.
- The length of the projects awarded and constructed increased at a CAGR of over 45 per cent during 2013-14 to 2017-18. Meanwhile, the decline in cost and time overruns has accelerated construction activity.
- The hybrid annuity model has met with success mainly due to the government's proactive approach in obtaining all clearances prior to project award.
- The sector has reported some important developments over the past one year. The key amongst these is the award of the first bundle of toll-operate-transfer (TOT) projects worth Rs 97 billion to Macquarie in March 2018. Further, NHAI's asset recycling plans are expected to attract funds worth about Rs 1.2 trillion in times to come.
- Another major milestone is the roll-out of Phase I of the Bharatmala Programme, which entails the development of 35,000 km of highways and economic corridors at an investment of about Rs 5.35 trillion.
- While access to long-term funds continues to be a problem, steps are being taken to create a favourable financial environment. Recently, the ministry listed rupee-denominated masala bonds on the London Stock Exchange. IRB Infrastructure Developers has listed its InvIT. Players like L&T IDPL, MEP Infrastructure Developers and Reliance Infrastructure have also initiated the process of listing their assets under InvITs. Asset sales are gaining traction with players such as ITNL, HCC, NCC, Sadbhav Infrastructure Project, Dilip Buildcon and Gammon offloading stakes in operational as well as under-construction projects.
- Meanwhile, the ministry continues to explore innovative ways to build capacity and enhance efficiency in the sector. India's first manual on road expansion for scientific planning of highway infrastructure was released recently. Effective technology solutions such as ROMDAS have been introduced for monitoring road conditions. FASTag penetration is at an all-time high and the pan-India deployment of the electronic toll collection system is expected to be completed soon.
- The government has set tall targets for the next five years, thus creating plenty of opportunities. Mega projects such as Bharat Mala, Setu Bharatam, Char Dham Connectivity, economic corridors and TOT will be the biggest investment drivers in the sector. Overall, about Rs 7 trillion is expected to be invested in the sector over the next five to six years. Meanwhile, road construction in the north-eastern region and the development of rural roads will continue to attract the government's attention.
- However, given the past experience, land acquisition and obtaining approvals could be a challenge in achieving these targets. Proper project preparation and due diligence are the much-needed steps to ensure that only viable projects are put on the block.
- **The mission of this conference is to highlight the emerging opportunities in the road sector, examine the impact of key policy developments, discuss the key issues and challenges, and showcase the most promising technologies and noteworthy projects. The conference will also provide a platform to industry players, government officials and technology providers to share their experience and exchange ideas.**

Target Audience

The conference is targeted at:

- ❖ Road operators
- ❖ Construction firms and contractors
- ❖ Construction equipment providers
- ❖ Government agencies
- ❖ Technology solution providers (GIS, RAMS, etc.)
- ❖ Consultant organizations
- ❖ Road development agencies
- ❖ Road products (Geosynthetics, Steel, Bitumen, etc.) and service providers
- ❖ Infrastructure development organizations
- ❖ OMT organizations
- ❖ International financial agencies
- ❖ Financial institutions and legal firms

PROGRESS SO FAR, OUTLOOK AND OPPORTUNITIES

AGENDA/STRUCTURE

KEY TRENDS AND OUTLOOK

- ❖ What are the recent trends and developments?
- ❖ What is the outlook for the next two to three years?
- ❖ What are the key issues and challenges?

MORTH'S PERSPECTIVE

- ❖ What have been the key achievements of the ministry in the past year?
- ❖ What has been the impact of these initiatives on the sector?
- ❖ What are the targets and plans for project award and completion for the next couple of years?
- ❖ What policy changes/initiatives can be expected in the future?

NHAI'S PLANS AND TARGETS

- ❖ What are NHAI's targets and achievements for project award and completion?
- ❖ What will be the preferred mode of project implementation?
- ❖ What are the key areas of concern that still need attention?

SPOTLIGHT ON KEY GOVERNMENT PROGRAMMES I: BHARATMALA

- ❖ What is the current status of the programme?
- ❖ What are the key milestones and targets?
- ❖ What are the key opportunities under the programme?
- ❖ What are the key issues and challenges? How can these be addressed?

SPOTLIGHT ON KEY GOVERNMENT PROGRAMMES II: SETU BHARATAM

- ❖ What is the current status of the programme?
- ❖ What are the opportunities for the construction of bridges under the programme?
- ❖ What are the key issues and challenges? How can these be addressed?

PROGRESS IN THE NORTHEAST

- ❖ What is the current status of road development in the north-eastern states?
- ❖ What are the targets and achievements of NHIDCL?
- ❖ What are the opportunities for road developers/contractors/equipment suppliers?
- ❖ What are the key issues and challenges?

DEVELOPER PERSPECTIVE

- ❖ How keen are private players to invest in the sector?
- ❖ What are their expectations from the government and NHAI?
- ❖ What are the key issues and challenges that remain to be addressed?

CONTRACTORS' VIEWPOINT

- ❖ What has been the overall EPC experience?
- ❖ What are the upcoming opportunities for contractors?
- ❖ What are the key issues and challenges?

HYBRID ANNUITY MODEL: PERFORMANCE AND OUTLOOK

- ❖ What has been the experience so far?
- ❖ What are the targets for the next two to three years?
- ❖ What is the outlook for the model?

TOT MODEL: EXPERIENCE AND OPPORTUNITIES

- ❖ What is the current status of the TOT model?
- ❖ What has been the overall industry response to the first round of bidding?
- ❖ What is the timeline for the roll-out of TOT projects? What are the opportunities going forward?

INVESTOR AND LENDER PERSPECTIVE

- ❖ What is the current stance of lenders/investors on funding road projects? How keen are the lenders to fund hybrid annuity-based projects and investing in TOT projects?
- ❖ What has been the experience of the road sector in asset sales and acquisitions?
- ❖ What are the new sources of funding being explored in the sector?
- ❖ What are the key issues and challenges?

FOCUS ON WAYSIDE AMENITIES

- ❖ How has been the progress under Highway Nest & Highway Village programmes?
- ❖ What is the opportunity for the private sector?
- ❖ What are the global best practices in this area?

FOCUS ON TRAFFIC MANAGEMENT SYSTEMS

- ❖ What are the new industry offerings in this area?
- ❖ What are some of the installations of advanced traffic management systems?
- ❖ What is the cost economics involved in such installations?

EXPERIENCE WITH ARBITRATION

- ❖ What are the challenges in managing the cost and time overruns with arbitration?
- ❖ What are the challenges in computing claims for arbitration?
- ❖ What are the strategies being adopted to overcome these? What are the global best practices?

PROGRESS IN STATE ROAD DEVELOPMENT

- ❖ What is the current status of state road development?
- ❖ What are some of the noteworthy initiatives taken by the states?
- ❖ What are the opportunities (EPC and PPP) in the segment?
- ❖ What are the key issues and challenges?

FOCUS ON ROAD SAFETY

- ❖ What are the key steps taken by the government? What are the safety measures taken by the industry?
- ❖ What are the global best practices? What technologies can be deployed in India to ensure safer roads?
- ❖ What will be the likely impact of the Motor Vehicles (Amendment) Bill, 2017?

ADVANCES IN CONSTRUCTION MATERIALS

- ❖ What are the new materials being used in the country for road construction?
- ❖ What has been the experience in constructing concrete roads?
- ❖ What are the recent global advances in construction materials?
- ❖ What are the key issues and challenges?

INNOVATION IN CONSTRUCTION EQUIPMENT AND TECHNIQUES

- ❖ What are the latest construction methods and techniques in use? What are the key issues and challenges in construction?
- ❖ What are the emerging construction technologies?
- ❖ What has been the experience in equipment leasing?

FOCUS ON TECHNOLOGY: TOLLING TECHNOLOGIES

- ❖ What has been the progress under FASTag deployment?
- ❖ What are the new technologies/intelligent transportation systems being deployed on Indian roads?
- ❖ What is the scope of pay-as-you-use tolling in India?
- ❖ What are the key issues and challenges?

SUSTAINABLE DESIGNS FOR ROAD CONSTRUCTION

- ❖ What are the environmental aspects being considered in design and construction?
- ❖ What are the solutions for sustainable road design being offered by the industry?
- ❖ What are the current global environmental best practices for road construction?

BEST PRACTICES IN ROAD CONSTRUCTION AND MAINTENANCE

- ❖ What are some of the noteworthy practices for road construction?
- ❖ What are some of the steps being taken for the timely maintenance of highways?
- ❖ What are the key issues being faced? What are the key learnings?

SPOTLIGHT ON RURAL ROADS

- ❖ What has been the progress in road development under PMGSY?
- ❖ What are the key issues and challenges? How are they being addressed?
- ❖ What steps are being taken to improve the implementation of PMGSY?

ROAD DEVELOPMENT IN INDIA

Some of the previous speakers include:



Leena Nandan,
Additional Secretary,
Ministry of Road Transport & Highways



Anand Kumar Singh,
Member, Projects,
National Highways Authority of India



Sanjay Jaju,
Director, Admin and Finance,
National Highways & Infrastructure Development Corporation



P.K. Mahajan,
Additional Director General Border Roads,
North-West, Border Roads Organisation



S.C. Mittal,
Chief Executive,
IL&FS Transportation Networks Limited



Rohit Modi,
Chief Executive Officer,
Essel Infra & Smart Utilities



A.K.S. Chauhan,
President & Head,
Contract Management, GR Infraprojects



K.V. Praveen,
VP & Head Roads, Runways & Elevated Corridors,
Larsen & Toubro Limited

Previous Participants

Some of the participants at our previous conferences on "Road Development in India" include *ACO Systems and Solutions Private, ADCC Infocad, Ammann Apollo India Private, AMW Motors, Axis Bank, Bentley, Bharat Petroleum Corporation, BitChem, Border Road Organization, Bureau Veritas, Ceinsys Tech, Charankattu Coir Mfg. Co., Chhattisgarh Road Development Corporation, Essar Oil, Essel Highways, Essel Infraprojects, Excellence Corporation, G R Infraprojects, GMR Group, GMR Transportation, GP Global Asphalt Pvt, GRI Club, Gulf Petrochem, Hindustan Construction Co., IDFC, IIFCL, IL&FS Transportation Network, Indian Oil Corporation, Jamshedpur Utilities & Services Company, JSW Steel, Kraton Polymers, L&T ECC, L&T Infrastructure Development Projects, Mahindra & Mahindra, MBL Infrastructure, Ministry of Road Transport & Highways, GOI, NCC, Nexxus Petro Energy LLP, NHIDCL, NITI Aayog, Organo Chemical Industries, Public Works Department, Reliance Infrastructure, Sagta, Tata Capital Financial Service, Tata Cleantech6, Tata Hitachi Construction Machinery, Theme Engineering Service Pvt, Trimble Solution India Pvt, UltraTech Cement, UPEIDA, Uttar Pradesh Expressway Industrial Development, Wirtgen India Pvt, etc.*

Supporting Organisations 2017



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AUGUST 23-24, 2018, SHANGRI-LA'S - EROS HOTEL, NEW DELHI

SNAPSHOTS FROM PREVIOUS YEAR



Organisers

The conference is being organised by **India Infrastructure Publishing**, a leading provider of information on the infrastructure sectors through magazines, newsletters, reports and conferences. The company publishes **Indian Infrastructure**, **Power Line** and **Renewable Watch** magazines, as well as the **Road Development in India** and **Construction in India** reports. It also publishes the **Directory and Yearbook on Roads & Bridges** and **Road Development in India** (a weekly newsletter).

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Registration Form

I would like to register for the conference. I am enclosing Rs _____ vide cheque/demand draft no. _____ drawn on _____ dated _____ Company GST No. _____ in favour of India Infrastructure Publishing Pvt. Ltd. payable at New Delhi.

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Registration Fee

Delegates	20 per cent discount (before July 27, 2018)		Fee post July 27, 2018			
	Total INR (incl. tax)	Total USD	INR	Service tax @ 18%	Total INR	Total USD
One delegate	23,600	393	25,000	4,500	29,500	492
Two delegates	37,760	629	40,000	7,200	47,200	787
Three delegates	51,920	865	55,000	9,900	64,900	1,082
Four delegates	66,080	1,101	70,000	12,600	82,600	1,377

- There is a 20 per cent "Early Bird" discount for those registering before July 27, 2018.
- There is a special low fee of Rs 5,000 per participant for PWDs and state road corporations. GST @ 18 per cent is applicable on the registration fee.
- Registration will be confirmed on receipt of the payment. To register online, please log on to <http://indiainfrastructure.com/conf.html>

Payment Policy:

- Full payment must be received prior to the conference.
- Conference fee includes lunch, tea/coffee and conference material.
- Payments for "early bird" registrations should come in before the last date of discount.
- Discount offers cannot be combined with any other offer.

For delegate registrations and sponsorship opportunities, contact:

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