

Presented by



Supported by



14th RAHSTA EXPO

RAHSTA (ROADS & HIGHWAYS SUSTAINABLE TECHNOLOGIES & ADVANCEMENTS) EXPO 2024

DATE:

9th & 10th October, 2024

VENUE:

Hall 1 & 2, Jio Exhibition
Convention Centre



www.RAHSTAexpo.com



I am pleased to learn that First Construction Council is organizing the India Construction Festival.

The construction sector is a major contributor to the socio-economic development of the nation. Underlining its importance, 2019-2020 has been declared as the year of construction technology.

Our Government has taken initiatives such as Pradhan Mantri Awas Yojana, HRIDAY and AMRUT. We have initiated measures to usher in transparency in the construction sector. We are moving ahead with the vision of 'Housing for all'. Our emphasis has been on making available affordable housing with the help of the latest and best housing technologies.

The stakeholders in the construction sector must pool together their resources and capacity to provide home for the poor and the disadvantaged sections of the society. The emphasis must be on maximizing resilience in the wake of disasters, increased energy efficiency, innovation and local skills. The sector has immense potential to generate skilled employment.

I am sure that the India Construction Festival will be a singular success. May the Festival serve to increase the quality of skilled workers, designing and engineering techniques.


(Narendra Modi)

New Delhi
अश्विन 17, शक्र संवत् 1941
9th October, 2019

Shri Pratap Padode
Founder & President
First Construction Council
ASAPP Info Global Service Pvt. Ltd.
A-303, Navbharat Estates
Zakaria Bunder Road, Sewri (W)
Mumbai- 400015

Board of Governors



Dip Kishore Sen
Whole-Time Director &
Sr. Executive Vice
President (Infrastructure),
Larsen & Toubro



Sandeep Singh
Managing Director,
Tata Hitachi



Hafeez Contractor
Principal Architect and
Sole Proprietor of Architect,
Hafeez Contractor



Subodh Chandra Dixit
Former Executive Director,
Shapoorji Pallonji



Pradeep Singh
Ex IDFC & J&K advisor,
Government,
Private Sector.



Sumit Banerjee
Ex Managing Director
and CEO of
ACC Cement Ltd.



Sanjay Seth
CEO,
GRIHA Council



Pratap Padode
Founder & President,
FIRST Construction Council

Few Eminent Personalities at FCC Events



Hon'ble Shri Nitin Gadkari,
Hon'ble Minister of Road Transport & Highways
Ministry of Road Transport & Highways



Hon'ble Shri Hardeep Singh Puri
Hon'ble Minister of State for Housing
and Urban Affairs, Govt of India



H.E. Shri Bhagat Singh Koshyari
Former Governor of Maharashtra



Dr. E. Sreedharan
'Metro Man of India' Padma Vibhushan



A A V Ranga Raju
Managing Director, NCC



Lt Gen Raghu Srinivasan
Director General,
Border Roads Organisation



**Construction World
Architect & Builder Awards**

www.RAHSTAexpo.com



Construction World Global Awards

**21st CONSTRUCTION WORLD
GLOBAL AWARDS 2023**



For the auspicious lighting of the lamp: (Left to right) Hardik Agrawal, Director, Dineshchandra R Agrawal Infracon (DRAIPL); Lieutenant General Arvind Walia, Engineer-in-Chief, Indian Army; AAV Ranga Raju, MD, NCC; Ratnesh Sinha, Sr. Dy. General Manager - Industrial Tires, BKT; Pratap Padode, Founder & President, FIRST Construction Council (FCC) and Falguni Padode, Co-Founder and Group Managing Editor, ASAPP Info Global Group.



(Left to right) Sanjit Alluri, Director (Projects); AAV Ranga Raju, Managing Director; Pratap Padode, Founder and President, FCC; Vinod Kumar Yadav, Director (Transportation); Satyajit Goswami, Senior General Manager -Business Development and Philip Joshua, Consultant-Corporate Communications.



Infra talk gets humorous: (Left to right) Pratap Padode with Sagar Patel, Executive Director, PSP Projects (centre).



India's Most Profitable and Fastest Growing Construction Companies Top row (Left to right): Hardik Agrawal, Director, DRAIPL; Vinod Kumar Yadav, Director (Transportation), NCC; and Sagar Patel, Executive Director, PSP Projects. Bottom row (left to right): MV Satish, Whole-time Director and Sr. Executive Vice President (Buildings), L&T; Dr NalinGupta, Managing Director, J Kumar Infraprojects; Rajeev Mishra, CFO, HG Infra and Engineering; TR Rao, Director (Infra) and Saksham Jain, PNC Infratech.



Equipped for success! (Left to right) VG Sakthikumar, Managing Director, Schwing Stetter India; Anand Sundaresan, Managing Director, Amman India; Pratap Padode; Dimitrov Krishnan, Managing Director, Volvo Construction Equipment India; Sandeep Singh, Managing Director, Tata Hitachi Construction Machinery and Falguni Padode.



Dimitrov Krishnan, Managing Director, Volvo CE India, with the ICEMA team.



Jury members of Equipment India Awards 2023 unveiling the 18th Anniversary Issue of the Infrastructure Today magazine. From L-R: TR Rao, Wholetime Director, PNC Infratech; Sameer Malhotra, Director & CEO, Shriram Automall India; Pratap Padode, Founder and President, First Construction Council; Ashok Chhajer, General Manager – OE Sales, BKT; Pius Goyal, Managing Director, Barrio Equipments; and SP Rajan, Head – Plant & Machinery, L&T Construction.



Trainer of the Year: (2nd from right) VG Sakthikumar, Managing Director, Schwing Stetter India, receiving the 'Trainer of the Year' award from (L-R) Pratap Padode; Ashok Chhajer, GM – OE Sales, Domestic Market, BKT, and Sumit Banerjee.



CSR Company of the Year: (2nd from left) Kavita Sah, India CSR Head, and (2nd from right) Divita Joshi, Brand Marketing and Communication Manager, Case Construction, receiving the 'CSR Company of the Year' award from Pratap Padode and Sumit Banerjee.



From L-R: Pratap Padode, Falguni Padode, Nishcal Mehrotra, Rohit Punjabi, Pius Goyal, Managing Director, Barrio Equipments; and Chetan Gole, CEO - Forklifts, Action Construction Equipment.



Emerging Bestseller: Asphalt Plants (2nd from left) Anand Sundaresan, Managing Director, and (2nd from right) Sanjeev Paradkar, General Manager – Sales & Marketing (North India), Ammann India, receiving the Emerging Bestseller Award in Asphalt Plant category from Pratap Padode and Sumit Banerjee.

Innovation of the Year - Components and Accessories (3rd from right) Indrabhushan Gokhale, Country Sales Manager, Powerscreen Sales, and (2nd from right) Visharad Kulkarni, Manager Sales – Powerscreen (Western Region), receiving the Innovation of the Year – Components and Accessories award from (L-R) Gurdeep Grewal, Timken India; Pratap Padode; Ajay Sood, Director, Timken India; and Sumit Banerjee.

Industry Associates

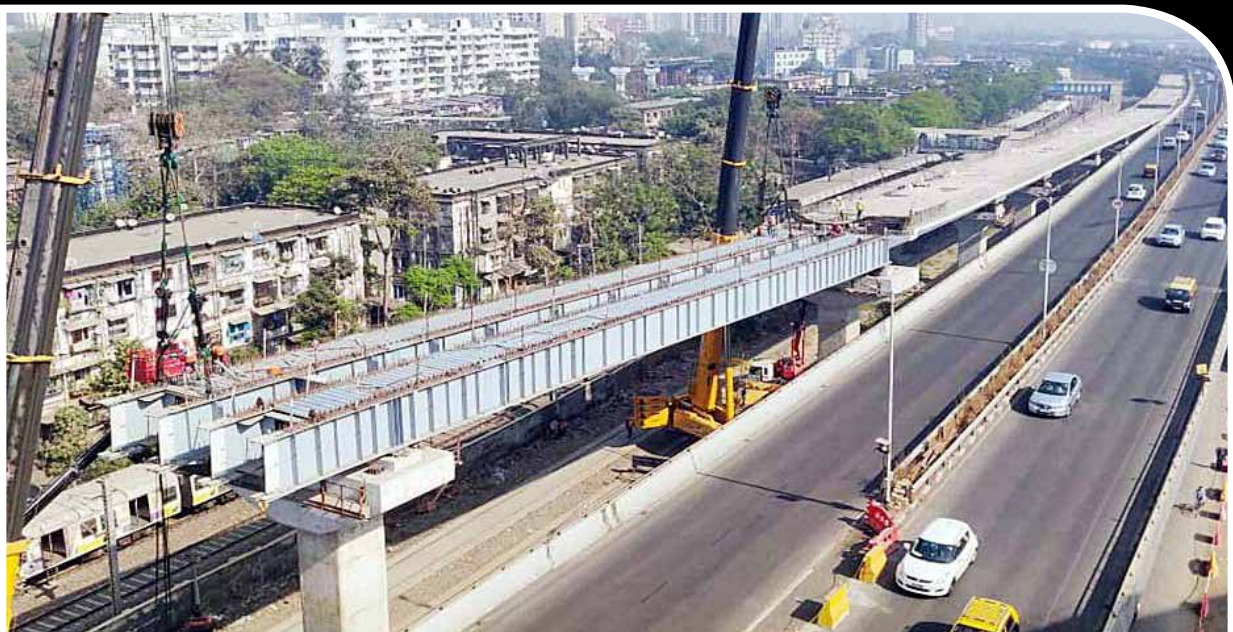


Why **RAHSTA EXPO**?

The upcoming **14th RAHSTA EXPO 2024**, organised by FIRST Construction Council, an infrastructure think-tank established 21 years ago, in association with CONSTRUCTION WORLD, EQUIPMENT INDIA and INFRASTRUCTURE TODAY magazines seek to provide a platform for ROADS & HIGHWAYS building industry to raise the standards of quality of ROADS & HIGHWAYS construction by using sustainable materials and state of the art technology in designing and constructing roads, bridges, highways, tunnels and expressways. For last 13 years India Roads Conference brought forth issues pertaining to the roads and highways sector. Now in its 14th edition Indian Roads Conference assumes a larger format with a two-day conference and a two-day exhibition. Apart from gathering knowledge on trends in technology and materials, this platform will unite leaders, policymakers, financiers, innovators, contractors, material manufacturers and engage in fruitful discussions regarding the growth, financing, sustainability, safety and innovations amidst current infrastructure imperative.

Why is this event called **RAHSTA EXPO**?

The acronym spells out 'Roads and Highways'. The Expo aims to showcase the technology associated with road construction. Poorly designed roads are one of the principal causes of over 150,000 deaths a year and therefore safety is a prime concern. Given that road construction encompasses manual labour, automation is a promising opportunity to improve productivity in this low-margin industry. Therefore, this EXPO will provide a platform for exhibitors and innovators to showcase their products and innovations revolutionising the industry.



SUSTAINABILITY – A ‘Material’ Issue

Further the materials too must be sustainable and environment friendly, as per carbon goals. Also, an increase in road use means that roads will need to be more durable. Newly constructed roads can be built using new construction materials (such as plastic) in their asphalt mix. New materials in road building such as self-healing roads, prefabricated girders, solar roads, nano-technology laden permeable roads and recycled plastic roads are paving new methods in road building and innovation.

ROADS to GROWTH

India proudly holds the title of the world’s second-largest road network, an extensive web spanning a colossal 6.3 million km. This intricate matrix comprises 1,40,995 km of National Highways, 1,71,039 km of State Highways, and a whopping 60,59,813 km of other roads. With a budget of around Rs 2.6 trillion or Rs 2.6 lakh crore in 2023 and an expected rise of 25% for 2024, this industry is one of the main pillars of the National Infrastructure Pipeline which showcases the nation’s commitment to robust transportation infrastructure.



INDIA'S ROAD NETWORK GROWS 59% IN LAST 9 YEARS

Total length

2013-14 - 91,287 km

2022-23 - 1,45,240 km



59%
Increase

Tolls revenues

(After introduction of FASTag)

2013-14 - ₹4,770 crore

2022-23 - ₹41,342 crore

The government aims to increase the toll revenue to ₹1,30,000 crore by 2030



4 lane NH length

2013-14 - 18,371 km

2022-23 - 44,654 km



North East region

Projects worth more than ₹2 lakh crore are being carried out in the region.



NHA INVIT

NHA INVIT, offers an attractive interest rate of 8.05 per cent

waiting time at the toll plazas

2013-14 - 734 seconds

2022-23 - 47 seconds

The government aims to bring it down to 30 second, soon

FASTag has saved approximately ₹70,000 crore in wasted fuel expenses caused by waiting at the toll plazas,



Garbage Utilization

30 lakh tons

GREEN INITIATIVES

NHA transplanted more than 68,000 & planted 3.86 crore trees during the last nine years



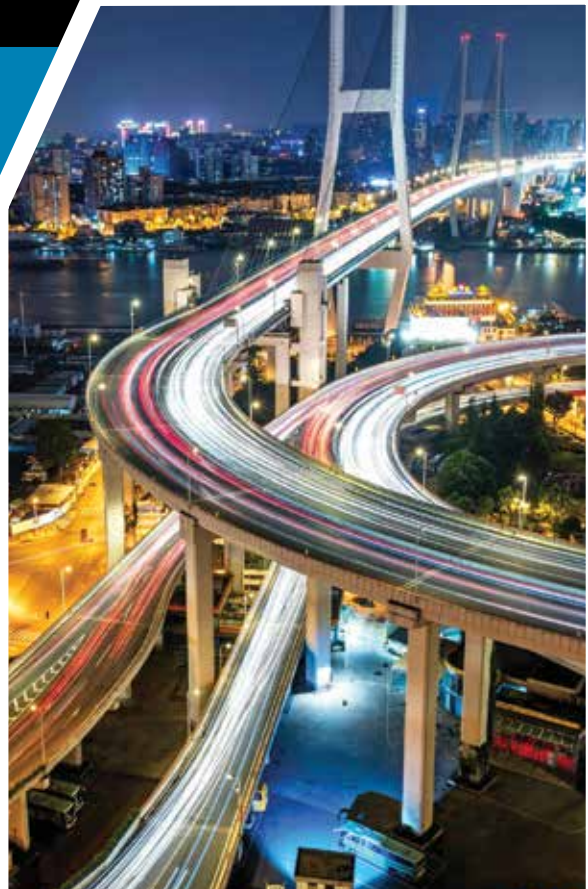
NHA achieved seven world records, showcasing their commitment to technological advancements and their ambition to position India as the second-largest road network in the world, after the USA.

FUTURE – The Vision Plan

The first phase of Bharatmala Pariyojana was launched in 2017 to build 34,800 km of highways at the cost of Rs 5.35 trillion by 2022. The projected cost has now risen to Rs 10.95 trillion and only 15045 km of highways of 42% of the target have been constructed. Award figures for the project stands at 27,384 km which is 78% of the total. The remaining projects under Bharatmala would be made part of the Vision 2047 plan that also aims to build 50,000 km of access controlled high speed corridors.

Who will PARTICIPATE?

The RAHSTA EXPO 2024 will bring together experts from across the industry like contractors, material manufacturers, OEMs, road construction equipment manufacturers, manufacturers of attachments, components, spares, accessories and hardware, software producers, digital design systems, geospatial technologies, drone companies, concrete and asphalt plant manufacturers, road state development corporations, parking technologies and equipment, toll plaza designers and providers, crash guard manufacturers, Fast Tag technology, barriers, policymakers, financiers and road technology event makers.



Who will VISIT?

Road and Transport Authorities, State Road Development Corporations, Public Works Departments, CEOs of Tollways, Road O&M companies, SPVs of Expressways, EPC Contractors, Equipment Rental Companies, BOT & HAM Operators, Traffic Police Authorities, Architects, Design Engineering companies, Border Road Organisation, Military Engineering Services, Port, Rail, Airport Authorities, Metro Rail CEOs, Builders, Developers, Consultants, Municipal Authorities, Development Authorities, Metropolitan Regional Development Authorities, Smart City CEOs, Transport Planning agencies, etc.



Discussing ideas to curb accidents and make **ROADS & HIGHWAYS** safer as India has the highest road accident death in the world, clocking 1.5 lakh plus deaths in 2023.



India has the world's second-largest road network with a whopping 6.3 million km of roads.

The Vision 2047 plan, in which Bharatmala has subsumed, also aims to build 50,000 km of access controlled high speed corridors.



Discussing strategies to incorporate technology and innovation into road building, toll, surveillance and maintenance. Pioneering technology like smart roads, solar roads, recycled plastic roads, fast tags, EPC tolls, speed cameras, PIM and BIM.

Revitalising BOT by incorporating investor friendly features is likely to be launched shortly.



14th
RAHSTA
EXPO

ROADS & HIGHWAYS SUSTAINABLE TECHNOLOGIES & ADVANCEMENTS



Exploring materials and technology to build sustainable roads, recycled plastic, green concrete.



Understanding the effects and progress in Northeast India's road building spree, supported by NHAI and BRO. Over the past nine years (2014-2023), a total of 4,950 km of the National Highway Network has been developed at a cost of Rs. 41,459 crore.



As of 2021, BRO (Border Roads Organisation) had constructed over 60,000 kilometres of roads, over 450 permanent bridges with a total length of over 60,000 metres length and 19 airfields in strategic locations.



10th India Construction Festival

The 10th India Construction Festival will be the umbrella event which will have the RAHSTA EXPO 2024 as part of it will also include the following:

- 14th India RAHSTA (Roads & Highways) Conference
- 12th Equipment India Awards
- 22nd Construction World Global Awards

PAST WINNERS - 2023



EQUIPMENT INDIA AWARDS



CONSTRUCTION WORLD GLOBAL AWARDS

NOMINATIONS FOR AWARDS:

22nd Construction World Global Awards (CWGA) and
12th Equipment India Awards (EIA) nominations are open now!

Please visit

www.constructionworld.in/awards/

www.equipmentIndia.com/awards/



CWGA



EIA

For seeing previous editions of India Construction Festival log onto
www.IndiaConstructionFestival.com

14th **RAHSTA** **EXPO**



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