

Presented by

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15th

RAHSTA EXPO

FOCUS ON

Roads | Bridges | Highways | Tunnels

3 | **4** September 2025

Pavilion 1 & 2, Jio World Convention Centre



ASIA'S BIGGEST ROAD EXHIBITION

ORGANISED AT



WWW.RAHSTAEXPO.COM

10000+
Visitors

200+
Exhibitors

50+
Speakers

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.

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.



Why RAHSTA Expo

The 14th RAHSTA EXPO 2024 promises to be an impactful event focused on advancing the roads and highways sector in India. For the 15th Edition in 2025, it would be beneficial to continue building on the themes of sustainability, technological advancements, and innovation, while also exploring new areas such as smart roads, AI in infrastructure, and green construction practices.

Here are some potential directions to consider for the 15th Edition of the RAHSTA Conference and Expo in 2025:

Smart Infrastructure: Focus on the integration of IoT (Internet of Things) and AI to create smarter roads and highways. Sessions could cover real-time traffic management, predictive maintenance, and intelligent transportation systems.

Sustainability and Green Construction: Dive deeper into the use of sustainable materials and eco-friendly construction practices. Highlight case studies where sustainable innovations have made a measurable impact in reducing carbon footprints in road building and infrastructure projects.

Safety and Resilience: As infrastructure needs grow, ensuring road safety and resilience against climate change is crucial. Workshops or sessions focusing on safety standards, resilient road designs, and disaster preparedness for infrastructure projects could be valuable.

Digital Twin Technology: The potential use of digital twin technology to create a virtual replica of physical road networks could lead to enhanced decision-making, predictive maintenance, and optimization of road management processes.

Global Innovations and Learnings: Bringing in experts and innovators from across the globe to share their experiences and lessons learned could provide valuable insights for the Indian roads and highways sector.

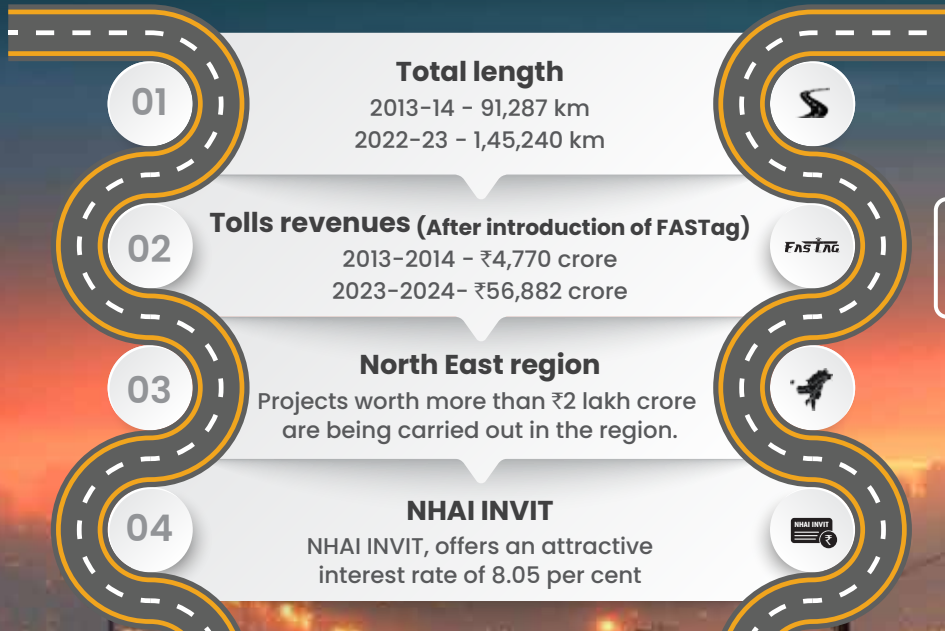
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Collaborative Financing Models: With financing being a critical component for infrastructure projects, a focus on innovative financing models such as Public-Private Partnerships (PPPs), green bonds, and infrastructure investment trusts (InvITs) could provide valuable insights to stakeholders.

Automation and Robotics: With the ongoing evolution of construction technologies, introducing automation and robotics in road construction could be a key theme for the 2025 conference. This could include discussions on drone surveys, autonomous construction machinery, and 3D printing for roads.

By continuing the conversation on advancements in materials, technology, and sustainable development while expanding the scope of the discussions to include newer innovations, the 15th Edition of RAHSTA EXPO will continue to be a must-attend event for industry leaders and stakeholders.

India's Road Network grows 59% in last 9 years



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



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

NHAI 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.

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Who will participate:

The 15th RAHSTA EXPO 2025 will bring together experts from across the industry

- 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
- Fast Tag technology
- Concrete and asphalt plant manufacturers
- Road state development corporations
- Policymakers
- Parking technologies and equipment
- Toll plaza designers and providers
- Crash guard manufacturers
- Barriers
- 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 and Rail
- Airport Authorities
- Metro Rail CEOs
- Builders, Developers Consultants
- Municipal Authorities
- Development Authorities
- Metropolitan Regional Development Authorities
- Smart City CEOs
- Transport Planning Agencies, etc.

Winners



Construction World Global Awards

Winners



Equipment India Awards & Rahsta Awards





11th India Construction Festival

The 11th India Construction Festival will be the umbrella event which will have the RAHSTA EXPO 2025 as part of it. It will also include the following:

- 15th India RAHSTA (Roads & Highways) Conference
- 13th Equipment India Awards
- 23rd Construction World Global Awards

Nominations for Awards:

23rd Construction World Global Awards (CWGA) and 13th Equipment India Awards (EIA) nominations are open now!

Please visit

www.constructionworld.in/awards/
www.equipmentindia.com/awards/



EIA



CWGA

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



15th
RAHSTA
EXPO

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For seeing previous editions of India Construction Festival log onto

www.IndiaConstructionFestival.com

www.RAHSTAexpo.com