

Smart Mobility Conference 2021

26-27-28 October, 2021 • Pragati Maidan, New Delhi

October 26, 2021 (Day 1)

11.00am – 12.00noon	Opening Session (Expo) Shri Nitin Gadkari , Hon'ble Minister of Road Transport & Highway, Govt of India.
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12.30pm – 2.00pm	<p>NHforEV Roundtable on EV infra financing with Annuity Hybrid E-Mobility (AHM) Pre Allocation Round of Charging Stations to PSUs in 10th Round National Highway for EV pilot</p> <p>NHforEV is Jaipur-Delhi- Agra E-highway pilot on PPP model called AHM from Ease of Doing Business Division of ASSAR. Based on licensing Reforms of the Government, two highways out of 12NH marked by the Ministry of Power to be converted into E-Highways are being prototyped on AHM model to fund EV charging infrastructure. This round of Pre- Allocation is for showcasing the technical components and commercial economics to PSUs for preferential allocations of these stations Welcome from Moderator: Abhijeet Sinha, National Program Director, Ease of Doing Business and National Highway for EV (Jaipur – Delhi – Agra) Pilot at Advance Services for Social & Admin. Reforms</p> <p>Conference Opening & Inaugural Address Shri Mahendra Nath Pandey, Union Minister of Heavy Industries, Govt of India,</p> <p>Technical Expert and Commercial Panel (*Invited)</p> <ul style="list-style-type: none"> • Dr. V.K. Saraswat, Member NITI Aayog & Chair NHEV Knowledge Group Keynote address on co-existence of 'E-Mobility' & 'Bio Fuel Technology' • Anil Srivastava, Group Head – Amara Raja, Previously - NITI Aayog, Member Knowledge Group at NHEV • Sajid Mubashir, Scientist G, DST, Ministry of Science and Technology, Member Knowledge Group at NHEV • Amit Bhardwaj, Addl. Dy Commissioner, DMC (East) Previously, NITI Aayog, Member Knowledge Group at NHEV • Abhijeet Sinha, National Program Director, Ease of Doing Business, Project Director – NHEV (Adnl.. Charge) Session Moderator* • Dr. Ashutosh Sharma, Former Secretary DST, Ministry of Science and Technology, GoI* <p>Arth Patel, CEO, TIREX Chargers [R1- Charging Station Vs Petrol Pump] Nikhil Kumar, MapmyIndia [R2-India's Theft-Proof Generation of EVs and Backup in 30 Min] Shwetank Jain, NHEV & CEO P2Power [R3- 30% Capex Utilization of EV Chargers & Infra] Amit Gupta, Business Head, Delta Electronics India [R4-Charging Infra Capex Breakeven in 36 Months] Rahul Bagadia, Co-Founder, pManifold [R5 – 30% Lesser Price vehicles for Freight & Fleet Operators] Anil Chikara, Blubolt, StartupIndia Foundation [R6- 2W EV Rural Penetration & Accessibility via NHEV]</p>
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<p>2.00pm – 3.30pm</p>	<p>Session II — Round Table Discussion Effective collaboration between the Government, Infrastructure developers and Technology providers for Highway and Urban Projects</p> <p>While implementing an infrastructure project, the stakeholders feel that a better understanding of the policy, standards and access to right technology will help better quality a speedy completion of the project. The round table conference will have government department and policy makers addressing the issues put forward by infra companies and technology providers</p>
	<ul style="list-style-type: none"> • Amit Kumar Ghosh, Additional Secretary Highway, Ministry of Road Transport and Highways, Govt of India • R.K. Pandey, Member (Projects), National Highways Authority of India • S.K. Nirmal, Secretary General, Indian Roads Congress & Additional Director General, Ministry of Road Transport & Highways • Ajay Mishra, COO, Indian Highways Management Company Limited (IHMCL) • J. K. Goyal, Senior Principal Scientist - Bridges and Structures Division, CSIR-CRRI <p>Presentations by:</p> <ul style="list-style-type: none"> • Sandeep Pawar, MD & CEO, Kent Intelligent Transportation Systems (India) Pvt. Ltd. • Rajaram Subramaniam, Managing Director, Safebarrier International Pvt Ltd • Nitin Nakhat, Proprietor, Shri Balaji Road Marking Machines • Narayanan Subramaniam, COO, Athaang Infrastructure Private Limited • Abhishek Tiwari, Associate Director, Indian Road Survey & Management Pvt Ltd
<p>3.30pm – 4.45pm</p>	<p>Session III Improving Operational efficiency in Logistics Infrastructure; Multimodal Integrated Logistics Parks; Technologies...</p> <p>One of the main focus areas of our government is to improve the operation efficiency in logistics. The economic progress will depend on bringing down the cost of movement of goods. The logistics experts will discuss how infrastructure and technology can help better process in logistics.</p>
	<ul style="list-style-type: none"> • Amrit Lal Meena, Additional Secretary (Logistics), Ministry of Commerce and Industry • S.P. Singh, Joint Secretary (IAHE & Logistic), Ministry of Road Transport and Highways • Vaibhav Dange, Advisor, National Highways Authority of India • Prakash Gaur, CEO, National Highway Logistics Management Limited • Manish Puri, President, Association of Container Train Operators • Abhijit Verma, Executive Director and CEO, Avigna Group • Nikhil Alulkar, Sr Vice President & Head - India, SAARC, Tech Mahindra

October 27, 2021 (Day 2)

10.00am – 11.00am	<p>Session IV : Strengthening public transport in India Increasing Metrorail network, bus services and micro- mobility across the country have necessitated faster implementation of multi-modal integration.</p> <ul style="list-style-type: none"> - Parking as part of integration <p>The multi-modal integration of public transport is on the top of the priority list of the govt. The increasing metro network, intra and interstate transport, the last mile connectivity along with parking facility and common payment platform can bring about sustainable public transport.</p>
	<ul style="list-style-type: none"> • Kumar Keshav, Managing Director, Uttar Pradesh Metro Rail Corporation • Anjum Parwez, Managing Director, Bangalore Metro Rail Corporation Limited • Amit Bhatt, Director - Integrated Urban Transport, WRI India • Mihir Dakwala, Head - Data Science and Machine Learning, Amnex Infotech Pvt. Ltd. • Aditya Bhave, Director, Klaus Multiparking Systems Pvt Ltd
11.10am – 12.00noon	<p>Session V : Mobility as a Service; Mobility on Demand – Evolving perspective – Though world over the mobility-as-a-service is gaining popularity, India is still finding it difficult to implement the concept in its full sense. The present passenger demand and behaviour necessitate mobility on demand. The government has to firm up policies and regulations to strengthen MaaS in India.</p>
	<ul style="list-style-type: none"> • Aneri Patel, Co-Founder and Director, Amnex Infotechnologies Pvt. Ltd. • Prof. (Dr.) Ashish Verma, Convenor, IISc Sustainable Transportation Lab (IST Lab) • Venkata Subbarao Chunduru, Director - India, IBI Group • Dr Rajesh Krishnan, CEO, ITS Planners and Engineers Private Limited.
12.00noon – 1.15pm	<p>Session VI : Emerging Technologies for Road Safety and Fleet management</p> <ul style="list-style-type: none"> - AIS 140 (Automotive Industry Standard): Review, Challenges and Road map - Safe Driving: Telematics, AI Dash Cam, ADAS. Is the Focus shifting from vehicle tracking to driver safety? - Putting National Road Safety Plan in place
	<ul style="list-style-type: none"> • T Krishna Prasad IPS, Retd. Former DGP & Chairman Road Safety Authority, Hyderabad. Founder Chairman KP Foundation. • Dr. Muktesh Chander IPS, Special Commissioner of Police/Traffic, Delhi • Dr. Kamal Soi, Sustainable Safety Expert • Akhilesh Kumar Srivastava, Mobility Expert and Consultant • Mallesh Cheekoti, Managing Director, Intellex Systems Limited • Dr. Kayitha Ravinder, Senior Principal Scientist & Head - Transportation Planning and Environment Division, CSIR-CRRI

2.00pm – 3.00pm

#AHEMTM



#NHforEV

'National Highways for Electric Vehicles' JAIPUR - DELHI - AGRA

Session VII : Urban traffic management and advanced video analytics technologies
A smart City perspective

	<p>Video surveillance and data analytics form two of the main components of urban traffic management that help reduce congestion and fast and safe movement of vehicles. With over 100 smart cities being made in India, video analytics has become very important.</p>
	<ul style="list-style-type: none"> • Sushil Kumar, Dy. Director General (IoT), Telecommunication Engineering Center, Department of Telecommunications, Ministry of Communication • Rama Shankar Pandey, Managing Director, Hella India Lighting Ltd. • Ajay Gupta, Head - Sales & Strategy, SCS TECH INDIA • Shamik Joshi, Head - Products & Technology, Amnex Infotechnologies Pvt. Ltd.
<p>3.00pm – 4.30pm</p>	<p>Session VIII — Round Table Discussion Tunnels and underground structures are becoming the lifeline of Indian transport sector</p> <p>Advancement, Automation & Digitalization in Tunnel Construction and Monitoring Technological innovation can advance engineering practice and increase the appeal of underground space. Technological and engineering advances have always been crucial to efficient and economical underground development. Many technological developments have been motivated by practical challenges encountered during construction of a project and the tunnelling industry has contributed to or been instrumental in many of these.</p> <p>Contractual Challenges and Solutions for Underground construction The underground environment is diverse and fewer risks are foreseeable prior to project implementation. The structure of such an underground work is influenced significantly by nature. Underground construction contracts must, therefore, anticipate a higher level of risk which can never be fully eliminated. As the work takes place in natural surroundings, the characteristics and behaviour of these surroundings are not always foreseeable.</p>
	<ul style="list-style-type: none"> • I.K. Pandey, Director General (RD) & Special Secretary, Ministry of Road Transport and Highways – Opening Address • Markus Türtscher, Head Tunnelling and Geotechnics Division, Bernard Gruppe & Director Bernard Consultants Pvt. Ltd. • Vinod Shukla, Managing Director, FGS Engineers & Innovators • Dr. Nishith Gupta, Chief Technical Officer, SYSTRA • Eleswarapu Srinivas, Joint General Manager - Business Development, Heavy Civil Infrastructure IC, Larsen & Toubro limited

October 28, 2021 (Day 3)

11.00am –
2.30pm

Session IX — Round Table Discussion
Emerging Dimensions of Infrastructure Connectivity (A NITI Aayog initiative)

- New Horizons in Infra Connectivity Sector
- Future of EV in India
- De Carbonisation
- Charging Station
- Opportunities for Private Sector in Logistics
- Investment Opportunities
- PPP Experiences in Transport Sectors
- Speeding Up the Iron Path - Railways Sector
- Strengthening the Wings of the Civil Aviation Sector
- Sailing into the New Routes - Shipping Sector
- Smoothing the Future Path - Road Sector
- Green Transportation (Ethanol, Hydrogen & Lithium)
- Congestion free Transport System

- **Sudhendu J. Sinha**, Adviser (Infrastructure Connectivity & Electric Mobility), NITI Aayog
- **Jagdish Chander Sharma**, Additional Chief Secretary to Hon'ble Chief Minister, Excise & Taxation, Information & Public Relations, Transport, Government of Himachal Pradesh
- **Dr. GVR Shastri**, Sr. Economist & Chairman - Coastal India Development Council
- **M. Vijay Kumar**, Joint Adviser (Infrastructure Connectivity), NITI Aayog
- **Rahul R.**, Deputy Secretary (Infrastructure Connectivity), NITI Aayog
- **Randheer Singh**, Sr. Consultant (EV), NITI Aayog
- **Siddharth Sinha**, Public Policy Consultant, NITI Aayog
- **Joseph Teja**, Young Professional, NITI Aayog
- **Sachin Bhanushali**, Director & CEO, GatewayRail Freight Limited
- **Karan Sethi**, Assistant Vice President – Infrastructure, Invest India
- **Afaq Hussain**, Director, Bureau of Research on Industry & Economic Fundamentals (BRIEF)
- **Manoj Kumar Gangeya**, Director, NITI Aayog
- **Harender Kumar**, Joint Adviser (Expert Shipping), NITI Aayog
- **Abhishek Agarwal**, Senior Consultant, NITI Aayog
- **Sharif Qamar**, Fellow and Area Convener, Centre for Transport and Urban Governance, TERI
- **Ajay Sharma**, Chief General Manager, Ropeways and Rapid Transport System Development Corporation H.P. Ltd. (RTDC)