



PHD CHAMBER
OF COMMERCE AND INDUSTRY

VIRTUAL NATIONAL ROADS & HIGHWAYS SUMMIT

*“Creating Demand and Stimulating
Growth through Decarbonisation and Digitisation”*



24th, February 2022 | 11:00 a.m.

Supporting Partners



The Government of India has been working on various models such as **Pradhan Mantri Gati Shakti – National Master Plan, India Investment Grid (IIG), National Infrastructure Pipeline (NIP), National Monetization Plan (NMP)** etc to provide much needed impetus for development of roads and highways infrastructure which could reduce trade and transaction costs and reinvigorate growth in Indian Economy. The challenge is especially with financing of Infrastructure Projects is primarily about attracting long term private capital. The long-gestation nature of infrastructure assets demands long-term finance. Government of India in the union budget of 2021 announced the setting up of Development Finance Institution (DFI) which will help in infusing liquidity into the hands of infrastructure players. Whilst the need for greater infrastructure investment is clear, equally important is the need to sustainably manage such investments. The success of development of roads and highways infrastructure will be measured not by the quantum of funds invested, but on how this infrastructure contributes to the achievement of India's economic, social and environmental objectives.

Decarbonisation in Roads and Highways Infrastructure development through new age innovative and disruptive digitisation interventions will help in creating demand and stimulating growth by integration of transportation functionality with ecological sustainability. The key benefits of green infrastructure and green highways would be the reduction in greenhouse gases, emissions/carbon footprint and curtailment in the use of non-renewable energy sources, conservation of natural resources and ensuring human health and safety, along with the welfare of future generations. Large-scale environmental degradation and climate change combined with loss of natural resources and increasing construction has contributed to the growing need for green highways in the country

The need for Green Infrastructure in the economic development of India has never been more compelling. Thus to showcase and discuss various aspects of the latest developments shaping this vital sector and also to learn about the opportunities for the growth of the industry- via national and international collaborations, Against this dynamic background, PHD Chamber of Commerce & Industry is organising a "Virtual National Roads & Highways Summit", with the theme "Creating Demand and Stimulating Growth through Decarbonisation and Digitisation", February 24, 2022, 11 AM

A large number of delegates from Industry, senior officials of Central and State Governments, Policy Makers, Legal Experts, Thought Leaders, Financial Institutions, etc. are expected to attend the Conference.

I feel honoured in inviting you to join the conference or nominate senior officials from your organization to attend. Your presence and inputs will greatly enrich the deliberations.

I sincerely hope that you will kindly accept our invitation and send us your positive confirmation at the earliest.

Best Regards,

Dr. Jatinder Singh
Assistant Secretary General
PHDCCI

TARGET AUDIENCE

- Policy Makers
- Intergovernmental Agencies
- Roads & Highways Developers
- Construction Companies/EPC Contractors
- Engineering Companies
- Government & Public Sector Undertakings
- CPWD/State PWDs
- Consultants (Environmental Engineering/Project Management)
- Construction Equipment Manufacturers/Suppliers
- Asset & Fund Management Companies
- Private Equity (PE) Investors
- Private Investors (Domestic/International)
- Banks / Financial Institutions
- Multilateral Agencies
- Investment and Merchant Bankers
- Project Executing Agencies at National /State Level
- IT Solution Providers
- Toll Plaza/ Booth Operators
- Logistics/Supply Chain Companies
- Academic & Research Bodies
- Trade Publications/Media (Domestic /International)

POINTS OF DISCUSSION

- PM Gati Shakti – National Master Plan
- National Infrastructure Pipeline (NIP)
- India Investment Grid (IIG)
- The Green National Highways Corridors Project
- Bharat Mala Pariyojana
- State Roads, National Roads
- Augmenting highways network and road capacity
- Key Trends & Current Outlook
- Policy and Regulatory Framework
- Progress in North East and Key Border States
- Green Highways (Plantation, Transplantation, Beautification & Maintenance) Policy, 2015
- Vehicle Scrappage Policy: Converting Waste to Wealth
- Financial Viability of Project
- Viability Gap Funding
- Green Infrastructure financing
- NHAI Bond, Green options, Infrastructure Investment Trusts (InvIT), FDIs
- Update on Environment Clearances
- Focus on Land Acquisition Issues
- Progress under expressways and greenfield corridors
- Improving regulatory frameworks for better compliance and safety
- Private Sector Perspective
- Build Climate Resilient Highways (Safe, Smart, Speedways)
- Technological Innovation - Tunneling
- Re-engineering in construction practices, use of materials, re-design etc.
- Dealing with shortage of aggregates, sand – alternatives, design change etc.
- Use less & marginal / waste materials in construction
- Short season as world for construction due to climate issues
- LIDAR technology for DPR preparation
- Digitalization And Automation of Road Construction
- Hybrid Annuity Model (HAM) and Toll – Operate – Transfer (TOT)
- Voluntary Vehicle-Fleet Modernization Program
- Electronic toll collection – Fast Tag
- GPS based Toll Collection
- Roadmap for ethanol blending in fossil fuels
- HCNG
- Electric Vehicles and Charging Infrastructure

PHDCCI LEADERSHIP/ CHAIR, CO-CHAIR



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Mr Saurabh Srivastav
Co-Chair, Infrastructure Development, Ports, Shipping, Road and Waterways Committee, PHDCCI

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