

# INFRAVISION TALK

## **Editor's Note**

October was a busy month for infrastructure in the country. Prime Minister Narendra Modi inagurated the long awaited Navi Mumbai airport and launched the Mumbai One transport app. The Supreme Court passed a critical judgment on road safety, giving credence to The Infravision Foundation's work on Vision Zero in collaboration with IIT Delhi and TIF Founder Vinayak Chatterjee's decades-long advocacy of a national transport safety authority.

# PM gets vocal on unified transport authority

Prime Minister Narendra Modi has set the stage for establishing an apex Transport Planning Authority. He chaired a meeting of cabinet ministers and secretaries responsible for transport-related ministries, which will be tasked with detailed planning for the entire transportation ecosystem. For The Infravision Foundation, it was a ringing endorsement of the work it has focused on in 2025, developing a comprehensive and unified transport governance model and unlocking value in 20 metropolitan growth hubs in India.

Work on transport governance gets off the ground

InfraPandit Jury Meets

TIF@Media

TIF Advisor on Net Zero

TIF on High Speed Rail

**Supreme Court on Road Safety** 

Quiz

# Work on transport governance gets off the ground

Globally and in India, transport networks are expanding rapidly, multiplying connectivity benefits and reshaping urban development. Empirical evidence from the Golden Quadrilateral highways to the Delhi Metro illustrates both the positive multiplier effects and the risks of fragmented, uncoordinated growth. Despite massive investment, India's transport governance remains fragmented. Multiple ministries, state departments, parastatals, municipal corporations, and special-purpose agencies each manage pieces of the system, often with overlapping jurisdictions. This fragmentation leads to jurisdictional overlaps and weak coordination; duplicated investments and project delays due to lack of integrated planning; financial stress, with states frequently bearing disproportionate metro costs; and capacity constraints, as professional expertise in urban transport planning is limited. The Infravision Foundation (TIF) argues that governance must match the regional scale of transport demand. It proposes a dedicated Urban and Regional Transport Authority (URTG) as a nodal institution to:

Integrate transport with regional land-use and economic planning.

Coordinate multiple operators under common regulatory and fare frameworks.

Oversee performance monitoring, multimodal integration, and digital innovations

Harmonize investments across corridors, modes, and logistics nodes.

Mobilize and manage finances through a dedicated
Urban Transport Fund.

The governance model is linked to India's vision of developing 20 metropolitan growth hubs. In a three-year initiative, TIF seeks to design and pilot future-ready institutional models for urban-regional transport governance to assess the need for dedicated regional transport institutions; draw lessons from existing UMTA experiences; propose institutional reforms for planning, financing, and regulation; design statutory/quasi-statutory governance models with legal mandates; build technical and institutional capacity in planning, PPPs, and digital systems; and deliver pilots on integrated ticketing, multimodal scheduling, and data-driven decision-making.

The scope aligns with NITI Aayog's growth hub framework, ensuring that governance models are inclusive, sustainable, safe, and economically productive.

# The InfraPandit Awards: Jury meets to decide the winners

Ten shortlisted candidates, ten hours of intensive interviews over two days. The InfraPandit Awards jury interviewed ten doctorates from across India before selecting two winners who will be announced soon. Powered by the infrastructure behemoth L&T, the awards hope to strengthen the linkage between industry and academia. More on the awards next month.



Jury members Savita Mahajan, Prof G Raghuram, and Dr KP Krishnan



# TIF@Media

The Urban Challenge Fund promises to be an interesting and innovative initiative in India's urbanization journey. In the latest edition of his monthly column in Business Standard, TIF Founder and Managing Trustee Vinayak Chatterjee argues that the appropriate selection and professional execution of projects would determine its impact and success.



TIF CEO Jagan Shah chaired a panel on Smart Parking at the Traffic Infratech Expo. The panel comprised I.Jeyakumar, Member Secretary, Chennai Unified Metropolitan Transport Authority (CUMTA); Rahul Yadav, Deputy Chief Operations Strategy and Planning, Delhi Metro Rail Corporation; Ranu Sharma, Additional Commissioner of Police, Jaipur City; and Santhosh Kumar, Head of Park–Zeus at Bosch. The panellsts shared their perspectives and experiences on policy, planning and revenue models in urban parking management.



TIF CEO Jagan Shah was at the University of Melbourne's Global Centre Delhi, chairing a session on Sustainable Infrastructure Development in a policy roundtable on Sustainable Economic Growth and Development: integrating growth, climate, mobility and equity.



## **TIF Advisor on Net Zero**



India faces a dual imperative: sustain unusually strong GDP growth while delivering a credible path to Net-Zero by 2070. In a new essay, D.K. Sen (Whole-time Director, L&T; Member, Council of Advisors, TIF; leader on energy and infrastructure) laid out a practical road map - from realistic capacity targets to the missing pieces in storage, green hydrogen, and domestic manufacturing.

**Key takeaways:** Peak demand could reach 366 GW by 2031–32; India aims for 500 GW non-fossil capacity by 2030; storage and green hydrogen are strategic priorities; and financing the transition will require innovative blended capital (IEA estimates ~USD 160bn/yr to 2030). Read the full article: https://lnkd.in/g4PqEcht



# TIF on **High Speed Rail**

TIF's work on High Speed Rail (HSR) was in focus in the media this month, coinciding with Prime Minister Narendra Modi's announcement in Japan of India's ambition to build a 7,000-kilometre HSR network, with significant portions to be developed under the Make in India initiative.

TIF Founder Vinayak Chatterjee spoke at length on HSR to Umesh Anand, editor of Civil Society, making a compelling case for why HSR isn't just about faster trains, it's about economic transformation. He said it had the potential to unlock ₹20 lakh crore in investments with a 3x multiplier effect; that it would attract premium customers who are willing to pay more to airlines and luxury buses; and it could become an example of Make in India.

The prestigious monthly magazine Infrastructure Today did a detailed report on HSR and its benefits, quoting Chatterjee, TIF Advisor G Raghuram and the author of the HSR report for TIF, rail expert TS Ramakrishnan.

https://online.fliphtml5.com/xnwkg/ouuf/#p=1

#### Vinayak Chatterjee on linking cities, boosting economy

### 'High-speed rail is the big move India should be looking at now'

MITATE Inclians are flying fifan ever before. But in the process is air ballance flee emphasis on Hyling which and burdensome? Perhaps it is time to ballance the emphasis on Hyling which fast and efficient train services over when time regional distances.

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#### **NEWS**

Programme. Two, the switch to renewables.

Q: How much are you being heard? What is the resonance with the

'Seven high-speed rail corridors of around 700 km each have the capacity to galvanize ₹20 lakh crore of investments and create a huge number of jobs India can ill-afford to turn away from.'

#### NEWS

development needs of the country. But you need a more market-neighted callways. Why did we set up NHAI [National Highways Authority of Indial/ After all, the Public Works Department (PWD) has existed for crituries. Sin, if you take that analogy, we needed a continuous culti-mental could for the continuous culti-mental coulds faunding.

#### 'I am arguing that we for the bullet train by giving them more highspeed rail corridors.'

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# Supreme Court on road safety

The Supreme Court's directives in the S. Rajaseekaran case mark a vital step towards efficient transport governance that prioritises safety, accountability, and sustainability on India's roads. The bench, comprising Justice J.B. Pardiwala and Justice K.V. Viswanathan, has ordered the establishment of a single, empowered national agency to oversee road safety initiatives across the country.

The development directly addresses the persistent issue of fragmented responsibilities and overlapping mandates among multiple ministries.

The proposed agency will monitor road design, vehicle safety standards, data collection, and post-crash emergency care, amid various critical areas by bringing all stakeholders (both directly and indirectly responsible) under one umbrella. This would ensure road safety management through an integrated, accountable framework.

The petition, filed in 2012 by Dr S. Rajaseekaran, an orthopaedic surgeon, had drawn attention to the alarming scale of fatalities caused by road accidents. The apex court had also recognised road safety as a matter of public health and governance in one of the previous hearings of the case. Over 1.8 lakh people lost their lives in 2024 alone, according to the Union Minister of Road Transport Nitin Gadkari. The Court also directed the NHAI and state road-owning agencies to conduct footpath audits in the 50 cities having millions plus population.



The Infravision Foundation has done seminal work in this area with IIT Delhi on Safe Highways in India: Challenges and Solutions and sees this judgment as a strong reaffirmation of the principles it advocates. It underlines the need for integrated, empowered authorities that enhance financial and operational efficiency and deliver safer mobility systems.

## **QUIZ: Test Your Infra Power**

- 1. Which businessperson highlighted Bangalore's poor roads and garbage problems recently?
- 2. Which state in India shares 726 kilometres of border with Nepal?
- 3. Which is the only city in India with a water metro?
- 4. Which city metro will add 19 km to it by next year?
- 5. Which US based company is planning to establish nine gateway earth stations across the country?



1. Biocon Chairperson Kiran Mazumdar Shaw

2. Bihar 3. Kochi 4. Kolkata 5. Elon Musk's Starlink, SpaceX's satellite internet division.



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