



ITS India Forum

Think Tank on Intelligent Transport Systems in India

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Overarching objectives of ITS Policy

The policy's objective should be to facilitate the development of a sustainable, safe, and efficient transport system in India, in line with Vikshit Bharat Vision @2047.

To Improve

- Commuter's Safety and Conveniences – measured in terms of safety, affordability, and Inclusiveness.
- Logistics Competitiveness– measured in terms of the overall Logistics Costs (as a percentage of GDP)
- MaaS– Mobility as a Service

About ITS INDIA Forum

Think tank to promote innovative & sustainable technologies, proactive policies, awareness with capacity building, and collaboration among various stakeholders to forge a path toward India's transformation to Viksit Bharat @ 2047.

- A nonprofit organization with a diverse membership comprising experts from Industries, Academia, Policymakers, and Civil societies.
- The background stems from rising safety concerns, congestion, uncertainties, increasing transportation complexities, and higher logistics costs despite exponential growth in Infra.
- There is an urgent need for an integrated platform for collaborative efforts by all stakeholders.

Mission of ITS India Forum



Working group of Experts to promote Growth Oriented Policies and Raise Public Awareness



Global and Local Collaboration of stakeholders to enhance Knowledge & Expertise



Research Support to IITs and Startups
& Capacity Building short term and long term Courses

ITS Industry in India at a glance

Current Market Value

USD 5 BILLION

Projected Market Value (in 5 years):

USD 10 BILLION

Projected CAGR

15%

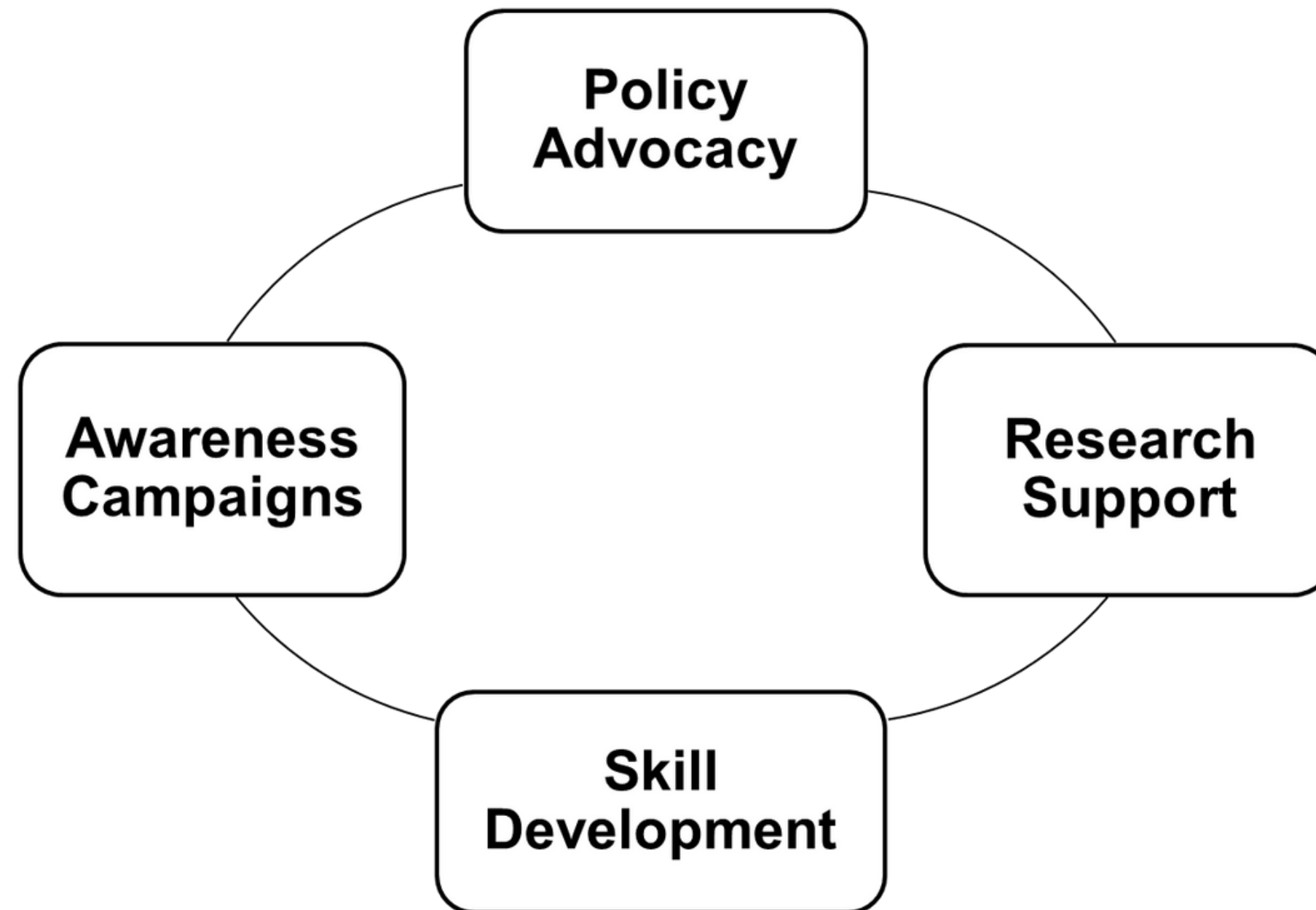
Impact on GDP

5-7%

ITS Industry in India at a glance

- ATMS, ITMS, V2X, Multimodal connectivity, Enhanced Surveillance systems, Cloud Computing, 5G/6G, Smart Parking, EVs, Drones and MaaS with AI applications will be key drivers.
- Smart city projects, and rapidly growing transportation and logistics, present excellent opportunities for leading players to innovate and drive growth.
- The Government of India has prioritized ITS and enhanced spending on ITS projects.
- Investment in R & D in ITS has increased five times folds.

Working Pillars of ITS India Forum



Achievements

1/3

- Assisting Niti Aayog in drafting India's Comprehensive National ITS policy framework with Industry inputs and global best practices.
- Starting the first Pilot Project of CV2X for providing a green channel to ambulances at 10 signaled junctions in Bangalore.
- Developing an online portal of “Know Your Safe Driving Score” platform like CIBIL Score.
- Collaborative partnership with European Union ITS Forums, ITS Asia Pacific, ITS UK, ITS Australia, IEEE, and BIS

Achievements

2/3

- Organised two Round Table Conferences for Policy Drafting was a grand success with Policy Maker and 150 Organizations.
- 2nd Round table conference on 29 July at Niti Aayog with chair and co-chair of 10 working committees of ITS India forum
- Organized an International Conference on 29 August on Innovative Funding models for the ITS scaling like Spillover impacts to make PPP models more attractive.
- ITS India Forum is soon launching capacity-building Short-Term Courses ranging from two to fifteen days for CEOs/ Top Management, Middle Management, and Field Executives

Achievements

3/3

- Engaging leading Industries, academia, and government bodies in 10 Committees to help draft bottom-up comprehensive policies for different verticals of ITS.
- Led the biggest-ever delegation from India to Intertraffic Amsterdam to showcase India's strength on global platforms.
- ITS India attended UK Parliamentarians to discuss the future of Mobility.
- Started skilling ground people for the latest ITS applications.
- Organized five webinars and published many articles

Goal extends beyond innovation & raising awareness

- ◆ Promote regional connectivity in the era of digitalized-based transport
- ◆ Encourage the development of inclusive transport
- ◆ Prioritize the integration of different transport modes
- ◆ Encourage partnerships and commitments to scale up implementation
- ◆ Explore creative financing mechanisms and strategies

National ITS Policy

- We invited input and collaboration from:
 - **Government Agencies**: Ensuring policy alignment with national objectives and regulations.
 - **Industry Experts**: Providing insights into cutting-edge technologies and best practices and ground challenges.
 - **Academic Institutions**: Contributing research to informed policy decisions.
 - **Civil Society Organizations**: Representing public interests and advocating for inclusive and sustainable transportation solutions.
- Adopting a Bottom-up approach to address ground challenges and the evolving needs of mobility.

Framework for Drafting National ITS Policy

Identify Challenges

- Procurement challenges
- Operational challenges
- Standardisation challenges
- Financial challenges
- Scaling Challenges

- Identify these challenges through interactions.
- Create a matrix and evaluate it to categorize the priority.

Proposed solutions

- Propose solutions
- Workout the cost-impact and feasibility of solutions
- Create a Matrix and evaluate priority as short-term and long-term

Policy support required

Capacity Building for implementing the policy

- Search available policies for the above challenges/solutions
- Identify the policy gap
- Study best global practices applying the Indian context
- Suggest comprehensive, integrated, and interoperable policies
- Check the policy with an environmental sustainability filter
- Check the time & cost impacts

Creating Awareness for adoption

Future Plans

- ◆ Organising ITS INDIA Mega Event – 2024 in 23 Oct 2024
- ◆ Onboarding with state governments and enforcement agencies.
- ◆ Promote research on adopting more cutting-edge techs in ITS at IIT/CRRI.
- ◆ Go-live Know Your Safe Driving Score platform
- ◆ Submit inputs to the Policy Framework of National ITS Policy to Niti Aayog.
- ◆ Start Short term Certificate course programs



Thanks