



सत्यमेव जयते

NITI Aayog

MOVE

GLOBAL MOBILITY SUMMIT

SEPTEMBER 7 & 8, 2018

THE FUTURE OF



MOBILITY.



CONNECTED.



ACCESSIBLE.



ZERO EMISSION.



EFFICIENT.



INCLUSIVE.



AFFORDABLE.



SHARED.



MOVE

GLOBAL MOBILITY SUMMIT

SEPTEMBER 7 & 8, 2018

ABOUT

To showcase innovation and build a platform to shape the future of mobility, NITI Aayog is proud to host the first Move Summit in New Delhi on 7th and 8th September 2018. Stakeholders from across the sectors of mobility and transportation will gather to co-create a public interest framework to revolutionize transport. Together, government, industry, academia, civil society and media will set the base for a transport system which is safe, clean, shared and connected, affordable, accessible and inclusive.

WHY MOBILITY?

Mobility is what keeps the engine of life running. Whether it is personal mobility for work/leisure or mobility of goods across value chains, without the ability to traverse large distances in short time spans, civilization would not be where it is today. In an urbanizing world, mobility is integral to city design, facilitating the evolution of physical space for liveability. Ranging from pedestrian and personal transport to public transit and freight movement, mobility is a crucial piece of the development puzzle and the key to unlocking the potential of India's economy and people.

Across sectors, public and private expenditure is being invested in effective and efficient transport. The challenge lies in ensuring that these systems meet the needs of their users in a sustainable manner. It must be clean for environmental benefits, shared to maximize asset efficiency, and connected to meet end-to-end user needs. Affordability of public transit is key for low-income users, and of freight for industry.

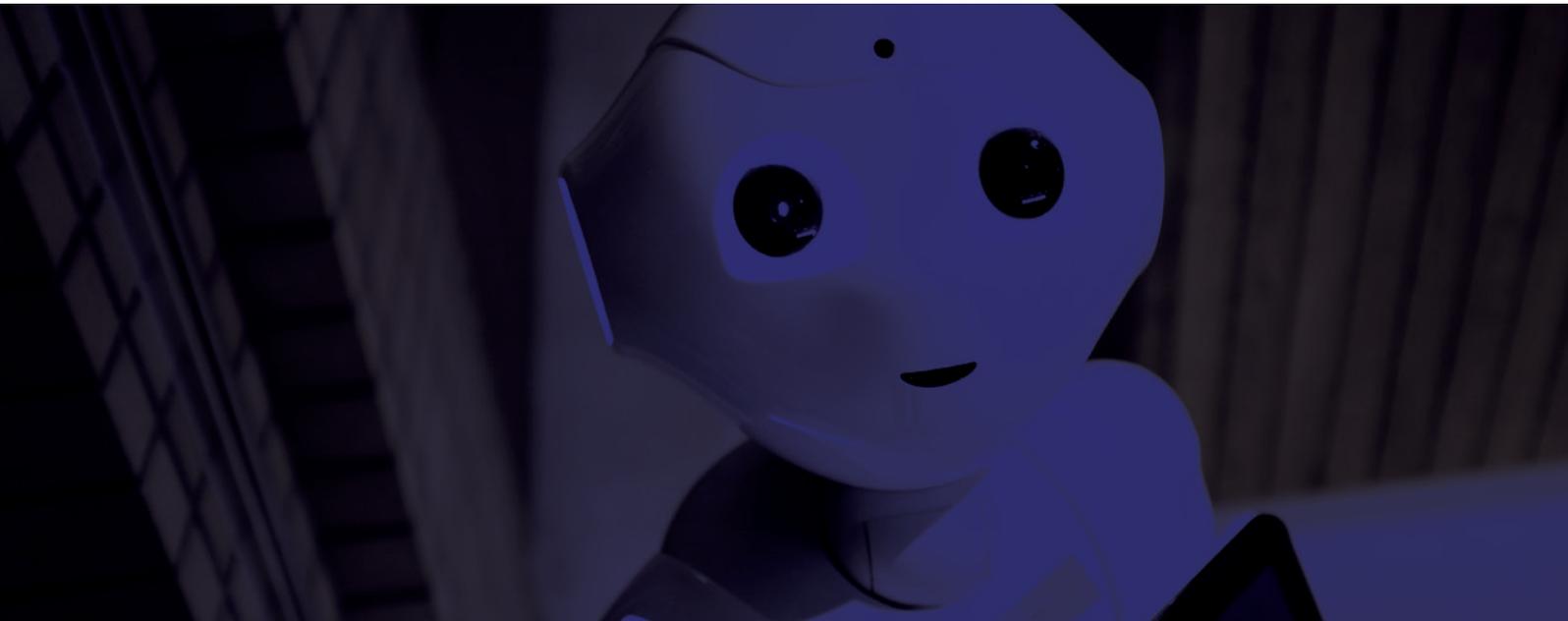
Accessibility and inclusivity is crucial for remote and differently-abled users across geographies, with the philosophy of leaving no one behind. Safe, energy-efficient and low-emission systems are necessary for India to meet its international commitments on climate change.

THE SUMMIT

The Move Summit will address these challenges through three channels: the Core Summit, the Mobility Expo and Parallel Events. It will help leverage a number of unique features of India's mobility ecosystem:

- (a) Tremendous potential for a fundamental shift**
- (b) Low lock-in-effect**
- (c) Scale and size**
- (d) Frugal innovation**
- (e) Globally-recognized technological prowess**

The core summit will consist of focused high-level panel discussions around both foundational and cutting-edge aspects of mobility. It will facilitate discussions between key players in the mobility ecosystem on the barriers, enablers and opportunities for transport markets such as low emission vehicles, future fuels and intelligent transport. The Mobility Expo will focus on state-of-the-art technologies for sustainable urban transportation and provide a forum to explore potential pathways for innovation in transport. Parallel events will allow a greater diversity of stakeholders to conduct smaller-scale, in-depth and personalized conversations around specific topics of expertise. Together, the Move Summit will seek to integrate India's efforts around sustainable development, urbanization, clean energy and more, through the unique lens of mobility.



SUMMIT THEMES

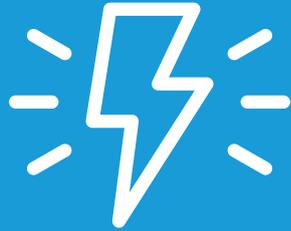
MAXIMIZING ASSET UTILIZATION AND SERVICES



Maximizing underutilized assets and infrastructure for both passengers and cargo, by leveraging auxiliary assets, emerging technologies and innovative service-based business models.

There is a vast network of public and private infrastructure and assets that are not utilized to their maximum capacity due to reasons like scheduling, systemic inefficiencies, repair requirements, cultural norms of ownership etc. For example, companies like Uber and Ola have disrupted the need for private vehicle ownership, demonstrating a successful use case for the concept of services that facilitate sharing. The application of this concept can now be explored in public transit, railways, roads, inland waterways and more, opening up new opportunities for economic productivity and employment generation. Similarly, a digital toll payment technology allows for greater utilization of existing infrastructure, i.e. highways, by a larger number of cars in a shorter amount of time. Other such auxiliary assets can be created or leveraged to improve the utilization of existing assets and infrastructure. The optimization opportunities inherent in this under-utilization of assets and infrastructure can be capitalized upon using emerging technologies and innovative business models. If concerns about data security are adequately addressed, sharing services can revolutionize access, affordability and convenience, particularly for inter-modal and digital connectivity. Discussions under this theme will explore the opportunities emerging in these areas.

COMPREHENSIVE ELECTRIFICATION



Promotion of clean transport usually involves a greater degree of reliance on electricity, like with electric vehicles and their associated infrastructure. The process of electrifying mobility will require an establishment of adequate infrastructure such as public charging, dedicated charged corridors from point A to point B, charging points in residential complexes, bi-directional vehicular-grid interactions for power exchange, etc.

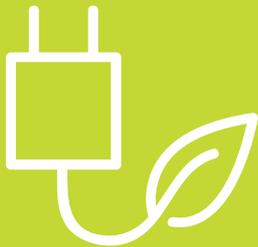
None of this will be possible without comprehensive electrification, expanding the geographical reach of electrification to remote areas, as well as expanding the scope of electrification from households to other infrastructure. For example, options for both fast and slow charging through AC as well as DC, along with other new technologies should be provided throughout the country.

At the same time, the growth in electrified mobility will put additional load on the electricity grids. New initiatives and ideas to meet this additional demand such solar-powered charging points will have to be considered.

Discussions under this theme will thus build on existing public discourse on a comprehensive electrification agenda.



ALTERNATIVE ENERGY



Mobility solutions require fuel, and building clean transport systems will require switching to cleaner fuels as well considering the requirement of power generated from renewable sources.

The dynamics of energy needs for transport are changing rapidly, and the viability of new energy solutions must be explored. The entire ecosystem including supply chain, mining & manufacturing, research and development, emissions mandates etc. will be affected. The relative advantages and disadvantages of alternative fuel sources such as Hydrogen and Methanol must be explored, along with alternate pathways to energy. Storage technology like batteries is also rapidly evolving, and will alter the landscape of technological and economic possibilities. Policy opportunities arising from this ecosystem evolution are to be considered, together with a predicted timeline for these changes. The diversification of energy sources that comes with exploration and exploitation of alternative energy will also improve energy security.

Discussions under this theme will address the challenges and opportunities in the energy and fuel ecosystems, as they relate to transforming mobility.



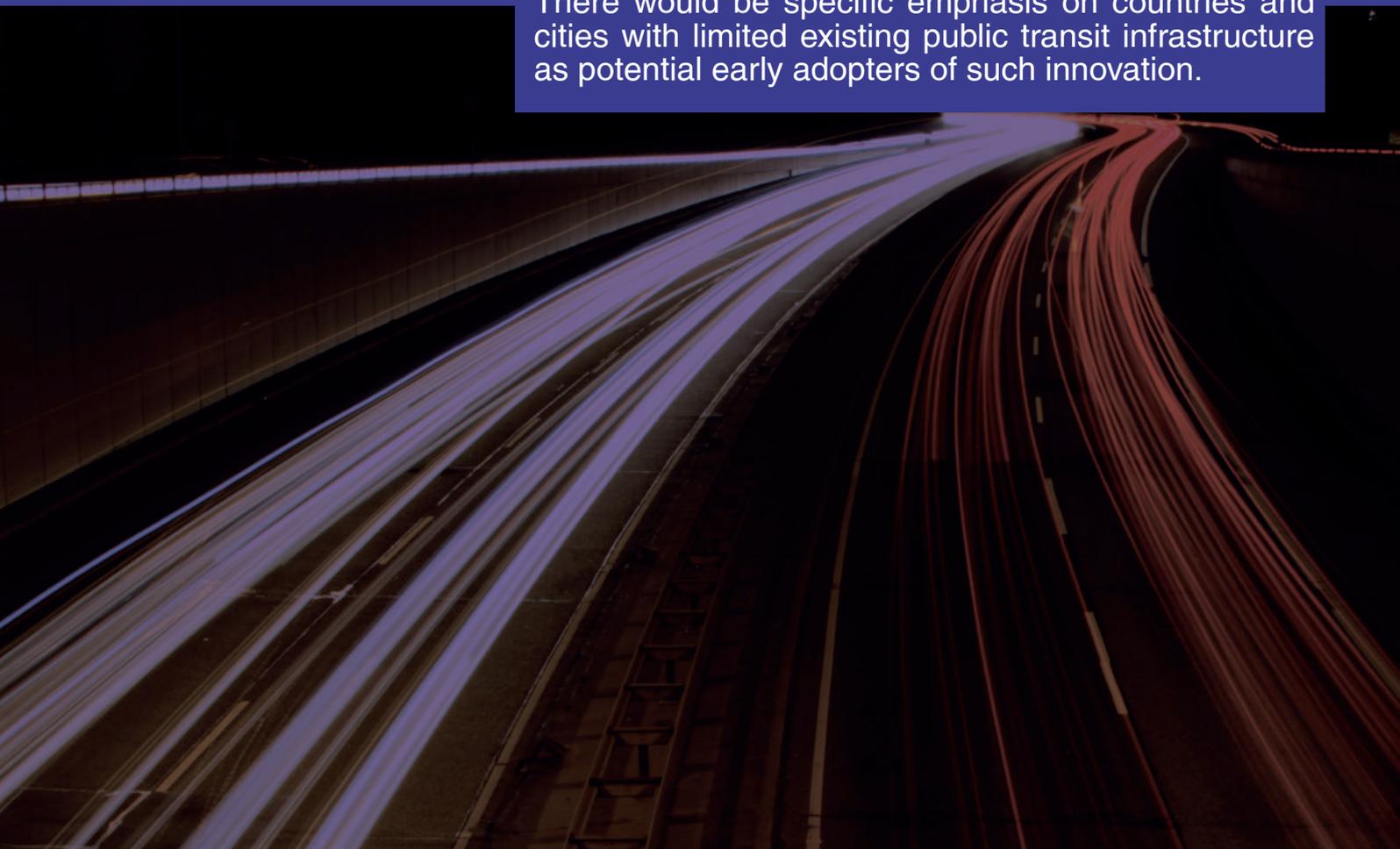
REINVENTING PUBLIC TRANSPORT



Quality public transport, which is accessible, connected and affordable for all will automatically incentivize people to shift away from using personal vehicles. Effective public transit planning must incorporate emerging concepts and technology applications to create cost effective and context appropriate solutions. It must also be based on well designed models and estimations of commuter flow, ensuring that it is fulfilling user needs at every stage. Reinventing public transport will require innovation that leverages investments in public transit, such as in new public-private partnership models like the Gross Cost Contract (GCC) model, new technology and design etc. The aim will be to develop pathways to reduce the government's infrastructure investment while enhancing public mobility. Lessons learned from private sector innovations can help guide decision-making. Cases in point being Intelligent Transport Systems (ITS), payment models like Oyster cards in London, Suica/Pasmo cards in Tokyo etc.

Further, inter-modal connectivity including last mile connectivity has proven to be crucial to the widespread uptake of new public transport options. Pedestrian-friendly infrastructure to encourage walking cannot be stressed enough in this regard.

There would be specific emphasis on countries and cities with limited existing public transit infrastructure as potential early adopters of such innovation.



LOGISTICS AND GOODS TRANSPORT



The opportunity to bring efficiency in the movement of goods promises significant contribution to economic growth, and can lower embedded costs of doing business for agriculture and rural economies.

As national and local commerce expands, goods movement is ripe for transformation – this may range from optimized trucking, inter-modal transfer, concurrent passenger/freight traffic, to business model innovations like freight/driver swaps, and technology opportunities such as autonomous trucks, delivery robots and drone delivery models.

Discussions under this theme will also consider the footprint of freight in the urban context, including pollution patterns, urban entry patterns, multi-use vehicles and other aspects to maximize public outcomes of vehicle utility.



DATA ANALYTICS AND MOBILITY



The vast amount of data generated in mobility, from public transit use and operations, mobile phone usage, other connected devices, app-based aggregators, navigation systems, autonomous vehicles, etc, reflects unprecedented potential to improve decision-making and foster innovation.

Information not only helps new economy business models to thrive, but can also help cities and communities plan better for transportation, housing, and resource allocation and improving ease of living for its citizens.

This theme will cover the generation, use and potential for data and related innovations to facilitate improved outcomes for innovators, public stakeholders and users.



STATE TASK FORCES



The Hon'ble Prime Minister of India, Shri Narendra Modi has imparted a vision of formulating an inclusive policy on transformative mobility for India. Therefore, in order to achieve a cross cutting and all encompassing policy for a country like India with diverse cultures, geographies and regions, it is crucial to work separately with each state and UT on their individual strengths, opportunities and challenges.

To this end, State Level Task-Forces on Mobility have been constituted in respective states and UTs for seeking valuable inputs and understanding state specific policy measures with an objective to formulate a Mobility Strategy for each state, to be aligned with a National Mobility Strategy. These task forces will delve into pressing themes such as urban & rural mobility, public transportation, environment etc. and involve relevant key stakeholders from state departments, academia and private sector dealing with these aspects. This will also provide a good platform for the states to highlight their initiatives, good practices and ideas which can be scaled further.

In order to facilitate this process, an orientation workshop will be held at the Centre in the month of June, to provide a common starting ground for the task forces. This will be followed by strategic sessions at the state level, along with state workshops to fully discuss and develop their respective strategies. Eventually, these strategies will feed into the national level strategy, ensuring inclusiveness not only in the contents but also the drafting procedure of the strategy itself.

Together, India will develop a set of progressive policies and initiatives to achieve a shared, connected and zero-emission future for mobility.

MOVE - A GLOBAL MOBILITY SUMMIT

PROGRAM

DAY 1: FRIDAY, SEPTEMBER 7, 2018

10:00 - 11:30

Inaugural Session

- Keynote Addresses
- Address by Shri Narendra Modi, Hon'ble Prime Minister of India

11:30 - 13:00

Panel Discussion with CEOs

14:00 - 17:30

Focussed Group Discussions on Thematic Areas:

- Asset Utilization and Services
- Electrification and Alternative Energy
- Reinventing Public Transit
- Logistics and Goods Transport
- Data Analytics and Mobility

Dinner and Cultural Events

MOVE - A GLOBAL MOBILITY SUMMIT

DAY 2: SATURDAY, SEPTEMBER 8, 2018

10:00 - 11:30

Mobility and Cities

- Panel Discussion with pioneering Mayors from across the globe who are transforming mobility in cities

11:30 - 13:30

Session with Ministers and Governors

15:00 - 16:30

Valedictory Session

- Rapporteur's Report
- Closing remarks from the Hon'ble Prime Minister of India

VENUE:

MOVE CONCLAVE

7-8 September, 2018

Location:

Vigyan Bhawan, Rajpath Road Area,
Central Secretariat
New Delhi- 110001, India

HOW TO REACH NEW DELHI.

BY AIR

Delhi is well connected with domestic and international flights to all the major cities within and outside India. Almost all the major airlines have their flights operating from Indra Gandhi International Airport in New Delhi. Domestic Airport connects Delhi to the major cities in India.

BY TRAIN

The railway network connects Delhi to the all major and almost all the minor destinations in India. The three important railway stations of Delhi are New Delhi Railway Station, Old Delhi Railway Station and Hazrat Nizamuddin Railway Station.

BY ROAD

Delhi is well connected by a network of roads and national highways with all the major cities in India. The three major bus termin in Delhi are Inter State Bus Terminus (ISBT) at Kashmiri Gate, Sarai Kale-Khan Bus Terminus and Anand Vihar Bus Terminus. Both the government and private transport providers provide frequent bus services. One can also get government as well as private taxis here.

CONTACT US

Please visit our website www.movesummit.in

For any general information, queries and comments,
please email us at movesummit.india@nic.in

For Expo and Sponsorship related queries,
please email Neeraj Dasila at neeraj.dasila@nic.in



सत्यमेव जयते

NITI Aayog



GLOBAL MOBILITY SUMMIT

SEPTEMBER 7 & 8, 2018