

INDIA COP-27 PAVILION: Side Event Proposal

Session name: India's Global Leadership in the Transition to Electric Mobility

Name of Organizer: **NITI Aayog | World Economic Forum**

Point of Contact: **Mr. Sudhendu Jyoti Sinha, Adviser, Infrastructure Connectivity- Transport and Electric Mobility, NITI Aayog**

Email: sudhenduj.17@gov.in | Phone number: 011-23096551

Abstract

The Government of India (GoI) has set ambitious targets for electric mobility in India and has undertaken multiple policy initiatives and schemes to support a sustainable transition to electric vehicles. State governments, which are responsible for on-ground implementation of e-mobility initiatives, are also stepping up to the challenge, creating their own e-mobility policies and pursuing ambitious targets of EV adoption and industrial development in the EV sector. As of August 2022, a total of 31 states and union territories (UTs) have notified or drafted state EV policies. As an emerging global leader in the EV ecosystem, India has pioneered several innovative policies and programs to promote electric mobility, both on the supply and demand sides. These include a wide range of initiatives, such as:

- Production-linked incentive schemes for EV and component manufacturing, including advanced battery cell manufacturing
- Demand aggregation and bulk procurement programs for e-buses, e-2Ws and e-3Ws
- Schemes promoting access to EV financing at central and state levels
- Development of the India Electric Mobility Index, globally one of the first of its kind of initiative to assess state readiness and performance on e-mobility
- Shoonya Campaign – A 'Nudge platform' to convert all ride-hailing and deliveries to EVs
- Battery Swapping ecosystem – standards, policy, scheme and innovative business model

NITI Aayog proposes to host a panel discussion as a side event at the India pavilion at the COP-27, which will take place from 6-18 November 2022 in Egypt. The panel discussion on **"India's Electric Mobility Revolution and Breakthroughs,"** will highlight various policy and programmatic innovations that are revolutionizing the development of the EV ecosystem in India.

With the theme of the India pavilion at COP-27 being "LIFE- Lifestyle for Environment", the proposed conversation on impactful policies and outcomes for e-mobility is a timely and appropriate one. E-mobility represents one of the most ambitious paradigm shifts in the transportation sector, one which requires significant behavioural changes among all stakeholders involved, in addition to systemic and infrastructural transformations. Conducive policies, investments, and incentives play a critical role in influencing consumer choice for electric mobility. With the transport sector accounting for a quarter of global GHG emissions and having the fastest growing emissions, India's ambitious and innovative programs for enabling an accelerated e-mobility transition will help tackle transport emissions and achieve transport decarbonization.

About the event:

The panel discussion will bring together representatives from the central and state governments of India, as well as OEMs, multilateral development banks, and global think tanks to highlight, and deliberate on India's EV revolutionary journey and showcase the innovative business models being adopted to achieve an accelerated transition. Key topics of discussion will include the following:

- India's ambitious climate action in promoting e-mobility
- Innovative supply and demand side initiatives supporting India's transition
- Unique features and areas of strength for India's e-mobility transition
- Opportunities around electrification of MDVs and HDVs, Circular Economy
- Nudge based tools to accelerate EV adoption across on gig economy platforms

Minute to Minute Agenda:

Panel 1 - India's Electric Mobility Revolution and Breakthroughs (3 PM – 5 PM)

5 Min	Welcome and context setting about India's ambitious road map for the EV transition, and unique and innovative methods adopted for the transition	Mr. Sudhendu Jyoti Sinha, Adviser, Infrastructure Connectivity- Transport and Electric Mobility, NITI Aayog
10 Min	Presentation on India's innovative policies and programs for e-mobility	Mr. Joseph Teja, Public Policy Analyst, NITI Aayog, Govt. of India
25 Min	<p>Panel discussion on:</p> <ul style="list-style-type: none"> • Progress of e-mobility in India - unique features and areas of strength for India's e-mobility transition • Strengths of the country's e-mobility transition and successful approaches adopted in the country • Impacts of innovative policies and programs, and their successful implementation • Areas of future focus that need to be strengthened, and way forward 	<p>Moderated by: Mr. Pawan Mulukutla, Director-Integrated Transport, Electric Mobility and Hydrogen, WRI India</p> <p>Shri Amit Verma, Director – Circular Economy, NITI Aayog</p> <p>Mr. Nitin Seth, CEO, Reliance New Mobility</p> <p>Jyotindran Raghavan Sastabhavan, Chief Sustainability Officer, Tata Motors</p> <p>Mr. Nishant Arya, Vice Chairman, JBM Group</p> <p>Representative from OLA Electric</p>
10 Min	Q&A	Participants

Panel 2: Unlocking finance for India's EV leadership (4 PM – 5 PM)

Indian EV policies have created the necessary market conditions to unlock billions of dollars in investment to aid the country's energy transition in mobility.

This panel discusses innovative opportunities for unlocking large capital pools for a rapid scale up.

Minute to Minute Agenda:

5 Min	Welcome and context setting about India's success in driving early adoption and manufacturing investments in EVs and advanced chemistry batteries through policies such as FAME and PLI.	Mr. Sudhendu Jyoti Sinha, Adviser, Infrastructure Connectivity- Transport and Electric Mobility, NITI Aayog
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10 Min	Presentation and Report launch on Unlocking finance for India's EV dominance	Presentation by representative from the World Economic Forum Launch by: Mr. Sudhendu Jyoti Sinha, Adviser, Infrastructure Connectivity- Transport and Electric Mobility, NITI Aayog Representatives from the private sector
30Min	Panel discussion on: <ul style="list-style-type: none"> • Unlocking large scale financing of India's energy transition in mobility • Ensuring that the first vehicle for most young Indians is electric • Enabling innovative models for vehicle- and battery-as-a-service • Showcasing India's leadership to the world 	Moderated by representative from the World Economic Forum SanjeevKaushik, Principle Financial Sector Specialist, Asian Development Bank Aparna Mangla. Investment Manager, South Asia Private Equity Funds, British International Investment plc Dhanpal Jhaveri, Vice Chairman, Eversource Group Narayankumar Sreekumar, Associate Director, E-Mobility Program, Shakti Foundation Representative from Macquarie / Uber
10 Min	Q&A	Participants
5 min	Vote of thanks	Mr. Joseph Teja, Public Policy Analyst, NITI Aayog, Govt. of India