Office of the Principal Scientific Adviser to the Government of India

e-FAST India
Electric Freight Accelerator for Sustainable Transport

NITI Aayog

WEBINAR

Bharat ZET Policy Advisory: Insights and Future Collaborative Pathways

26th September 2024 | 3 PM-4 PM

OVERVIEW

Over the last few years, the Government of India has undertaken a range of initiatives for the electrification of road transport, demonstrating a strong commitment to sustainable mobility. Government schemes like FAME I and FAME II (Faster Adoption and Manufacturing of Hybrid and Electric Vehicles) have provided critical financing support through incentives for the scaled-up adoption of various modes of electric vehicles. The recent announcement of the **PM E-DRIVE Scheme** marks a significant milestone in India's electrification journey. First of its kind initiative in India, the scheme has allocated Rs. 500 crores for incentivizing electric trucks (e-trucks). To scale up adoption, we now need a long-term policy trajectory that can supplement the government's vision and India's Net Zero 2070 target.

Currently, road freight transport accounts for over 71% of India's total freight movement. Although trucks make up only 3% of the country's vehicle fleet, they are responsible for more than one-third of transport-related CO_2 emissions, contributing significantly to air pollution and climate associated risks. To combat these challenges, transitioning to Zero-Emission Trucks (ZETs) is critical to achieving India's ambitious target of Net Zero by 2070. To meet this target, the Office of the Principal Scientific Adviser (O/o PSA) has taken a decisive step by releasing the Technical Roadmap for ZETs in India (released in March 2023), which outlines the technologies needed to decarbonize the sector. It also underlines the need to bolster technological advancements through targeted policy measures.

Aligned with this roadmap, the office of PSA launched the Bharat ZET Policy Advisory on 21st August 2024. Poised to become a transformative document for the freight industry, the advisory was drafted through consultations with stakeholders across various sectors and it outlines 30 key interventions aimed at decarbonizing the sector. The interventions cover vital areas such as incentives, regulations, infrastructure, business models, and financing mechanisms. The advisory is envisioned as a dynamic, technology-agnostic document, designed to accommodate India's rapid technological advancements. Open to further inputs from stakeholders, the evolving framework of the advisory will help ensure India remains on track to meet its freight decarbonization targets.

WEBINAR OBJECTIVES

With this context, the upcoming webinar will act as a platform to:

- **Decode** the key components and interventions of the Bharat ZET Policy Advisory from a policymaker's perspective.
- **Facilitate** wider dissemination of the Advisory to foster healthy debate and gather insights for further refinement.
- **Explore** the next steps and define the roles of various stakeholders in ensuring effective policy implementation.

AGENDA

TIME	SESSION	SPEAKER
3:00-3:05 PM	Welcome Address and Context Setting	**Shri Sudhendhu J. Sinha,** Adviser (Infra Connectivity & Electric Mobility), NITI Aayog, Govt of India
3:05-3:15 PM	Decoding the Policy Advisory: Detailed breakdown of the five key intervention areas	**Pawan Mulukutla,** Executive Program Director - Integrated Transport, Clean Air and Hydrogen at WRI India
3:15-3:40 PM	Panel discussion: Insights on Bharat ZET Policy Advisory • **Shri Sudhendhu J. Sinha**, Adviser (Infra Connectivity & Electric Mobility), NITI Aayog, Govt of India • **Dr. Preeti Banzal**, Adviser, Scientist-G, Office of Principal Scientific Adviser, GOI • **Karthick Athmanathan**, Fellow, Office of Principal Scientific Adviser, GOI	Moderated by: **Pawan Mulukutla,** Executive Program Director - Integrated Transport, Clean Air and Hydrogen at WRI India **and** **Sharvari Patki,** Program Head, Electric Mobility at WRI India
3:40-3:45 PM	Way Forward	**Dr. Preeti Banzal,** Adviser/ Scientist-G, Office of Principal Scientific Adviser, GOI
3:45-3:55 PM	Audience Q&A	
3:55-4:00 PM	Concluding Remarks	**Karthick Athmanathan,** Fellow, Office of Principal Scientific Adviser, GOI