Invitation & Agenda Note

Adoption Pathways for Electric Truck Deployment

Date & Time: 24th October from 12:30 to 5 PM

Venue: Trident Hotel, Bandra Kurla Complex

About C40 Cities

C40 Cities is a network of 96 major cities around the world working together to address climate change. These cities represent a significant portion of the global economy and population, and their mayors are committed to taking action to reduce greenhouse gas emissions and create a more sustainable future. C40 provides these cities with resources and support, helping them share best practices and implement innovative solutions to environmental challenges.

The Laneshift program, launched by C40 Cities in partnership with The Climate Pledge, tackles climate change by transitioning freight transportation in developing cities to zero-emission electric vehicles. Focused on major cities in India and Latin America, Laneshift aims to overcome challenges like electric truck availability and charging infrastructure. By working with city governments and private partners, Laneshift hopes to accelerate the adoption of electric trucks, reduce air pollution, and create a more sustainable future for these regions.

Background

India's electric freight sector has immense potential, but traditional financing and business models aren't enough for increased adoption. New approaches are needed to overcome challenges like high upfront electric truck costs and range anxiety.

Financing models should also be revamped. New approaches such as battery financing, public private partnerships for charging stations, leasing, green and sustainability bonds and other new approaches can provide long-term financing for electric freight companies.

C40 Cities is driving the switch to electric freight vehicles (EFVs) in India through its Laneshift program. We're working closely with shipping companies to identify ideal opportunities for EFV use. This results-focused approach ensures that plans translate into real-world projects. To further this goal, C40 Cities is hosting a workshop on "Adoption Pathways for Electric Truck Deployment" in Mumbai this year (October 2024). This event will provide a platform for discussion with key decision-makers in India's freight industry.

Objective of the session

The session on "Adoption Pathways for Electric Truck Deployment" seeks to explore innovative strategies that can drive the large-scale adoption of electric freight vehicles (EFVs). It will discuss:

- Demand generation pathways for EFVs
- New financing mechanisms and business models that can support the large-scale adoption of EFVs
- Enabling conditions for driving these new models.

Participants will engage in discussions on the pathways for demand for EFVs and identified new financial mechanisms, business models, and the necessary conditions to support these transformative approaches. By addressing financing frameworks for the transition to electric freight, the session aims to empower stakeholders to take concrete steps toward integrating EFVs into their decarbonization goals.

This event highlights the necessary actions required by various players in the freight ecosystem for the transition to electric freight vehicles to flourish. The session serves as a collaborative platform where these stakeholders can exchange ideas and examine solutions to overcome financing and risk barriers. By bringing together industry leaders, and financial experts, the session will focus on demand generation and refining business models and financial strategies through new mechanisms to accelerate EFV adoption across the industry. The insights gained from this session are expected to guide the future development of financial frameworks that support a sustainable transition to electric freight vehicles.

Agenda

Adoption Pathways for Electric Truck Deployment	
Day, Date	Thursday, 24th October 2024
12:30-1:30 PM	Registration and lunch
Inaugural Session	
1:30-1:40 PM	Welcome Address
1:40-1:50 PM	Opening remarks
1:50-2:10 PM	Presentation setting the context
2:10- 3:00 PM	**Discussion 1: Trucking's Evolving Business and Financing Models: Adapting to Electric Trucking**
3:00-3:10 PM	Tea break
3:10-4:00 PM	**Discussion 2: Demand generation for EFVs**
4:00-4:30 PM	Concluding Remarks & networking tea