









U.S.-India Standards and Conformance Cooperation Program (SCCP), Phase II

U.S.-India Virtual Standards Workshop The Future of Electric Vehicles in India Session III Promoting Investment in Indian EV Development through Standardization



Opening Remarks

United States Trade and Development Agency

Mehnaz Ansari, USTDA Representative, India, South and Southeast Asia

U.S. Department of Commerce

Manoj Desai, Principal Commercial Officer (PCO) for South India

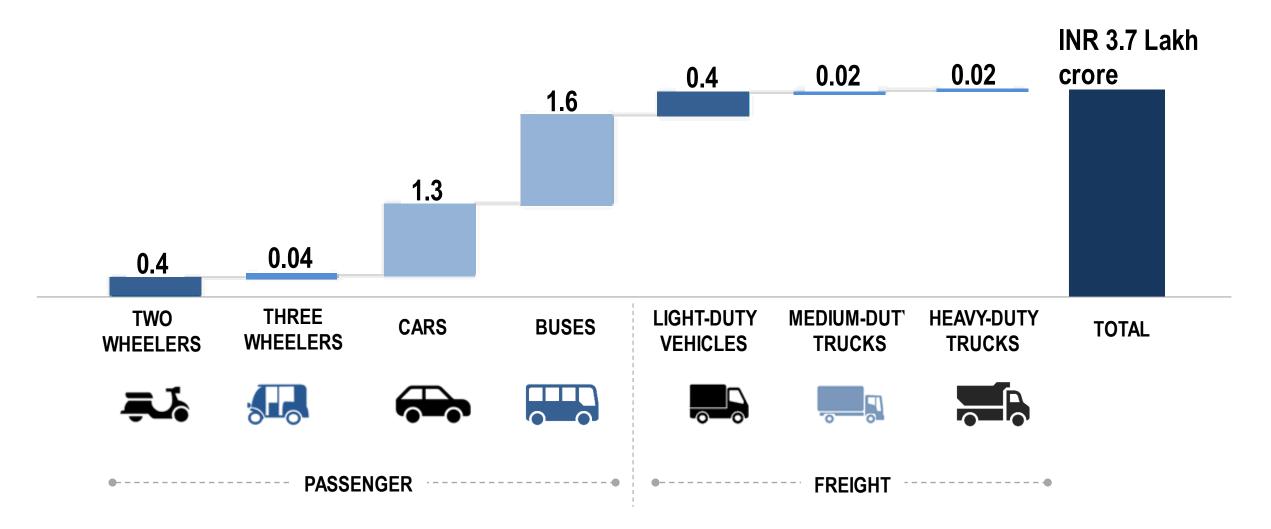
Bureau of Indian Standards

Sh. PV Mathew, Secretary of TC 51 Technical Committee

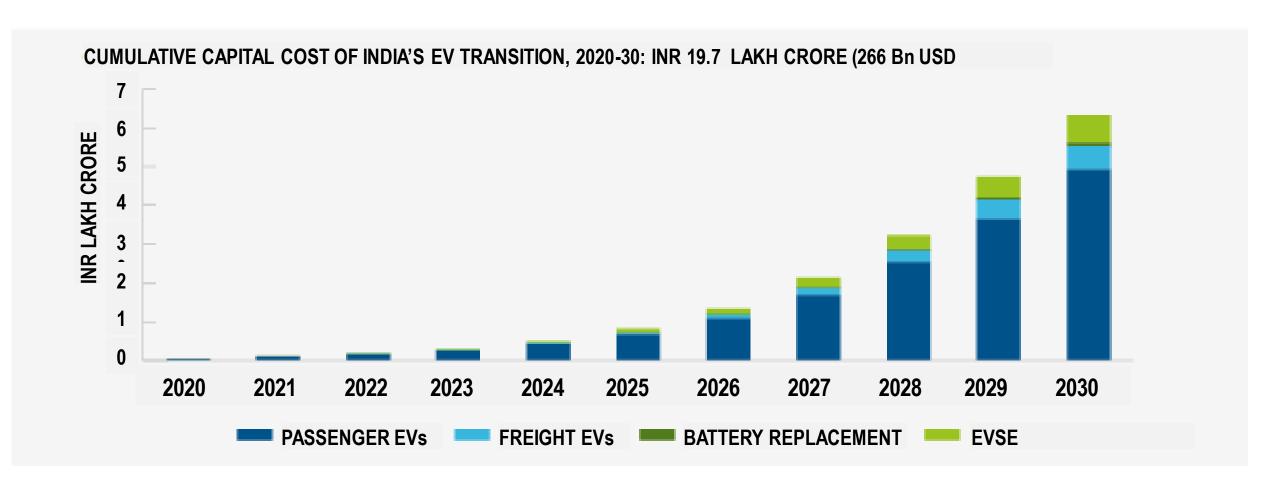
EV Finance barriers and Solutions

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By 2030 :India's EV Financing market shall be ~50 b USD...



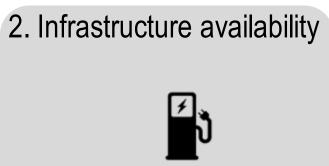
Cumulative cost of India's EV Transition ~266 Bn USD (2020-30)



Unavailability of the right financing option is the key barrier...

Key barriers related to EV adoption





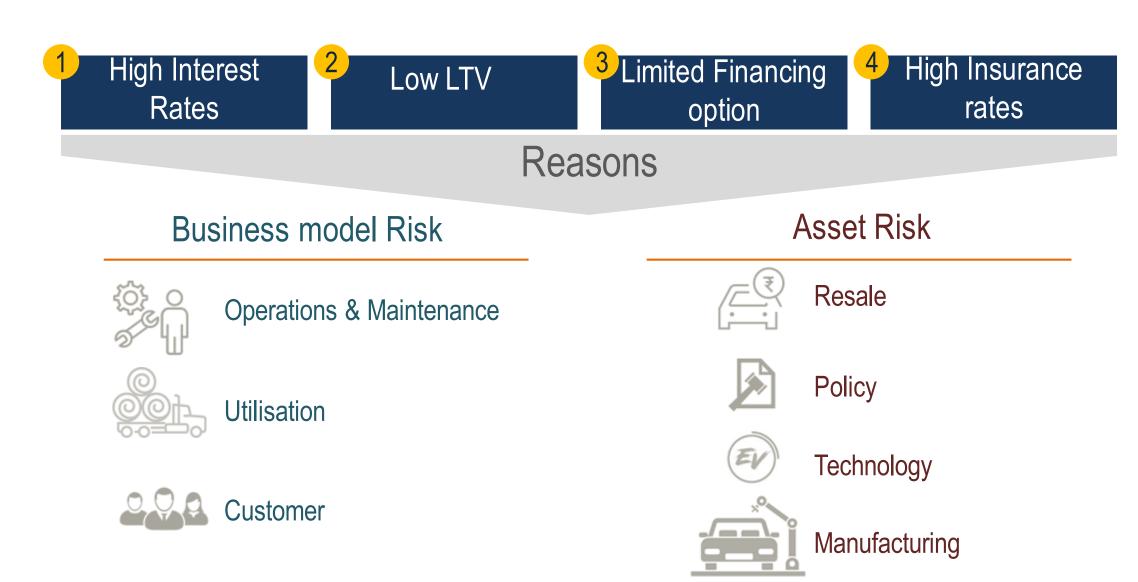




Incentives such as FAME II is the first order solution to reduce the upfront cost.

Financing—in terms of the cost and quantum of capital—is another hurdle for India's electric mobility transition.

High Asset risk is one of the reasons for Low EV Financing...



Holistic approach required to over EV Financing barriers...



- 1 Priority Sector Lending
- 2 Interest rate subvention
- 3 Product warranties and Guarantees
- 4 Government and Multilateral led
- 5 Fleet operator led
- Secondary market development

Thank you





Panel Discussion

Moderator

Mr. Rich Byczek, Global Technical Director, Transportation Technologies, Intertek

Speakers

- Mr. Sohinder Gill, CEO, Hero Electric India
- Mr. Sajid Mubashir, Chair ETD 51 and Head, Technology Development & Transfer (EV) Division,
 Ministry of Science and Technology, Department of Science & Technology, New Delhi
- Mr. Peter Qu, CEO, Zebra E-Bikes
- Mr. John Halliwell, Sr. Technical Executive, Electric Power Research Institute (EPRI)











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Thank you!

A post-workshop survey will be distributed shortly

Reach out to <u>us-indiasccp2@ansi.org</u> with any questions