

REPORT

# Deliver Electric Delhi

## A Pilot On Electrification Of Final-Mile Delivery Vehicles In Delhi

2020 | By Dialogue and Development Commission of Delhi, RMI, RMI India

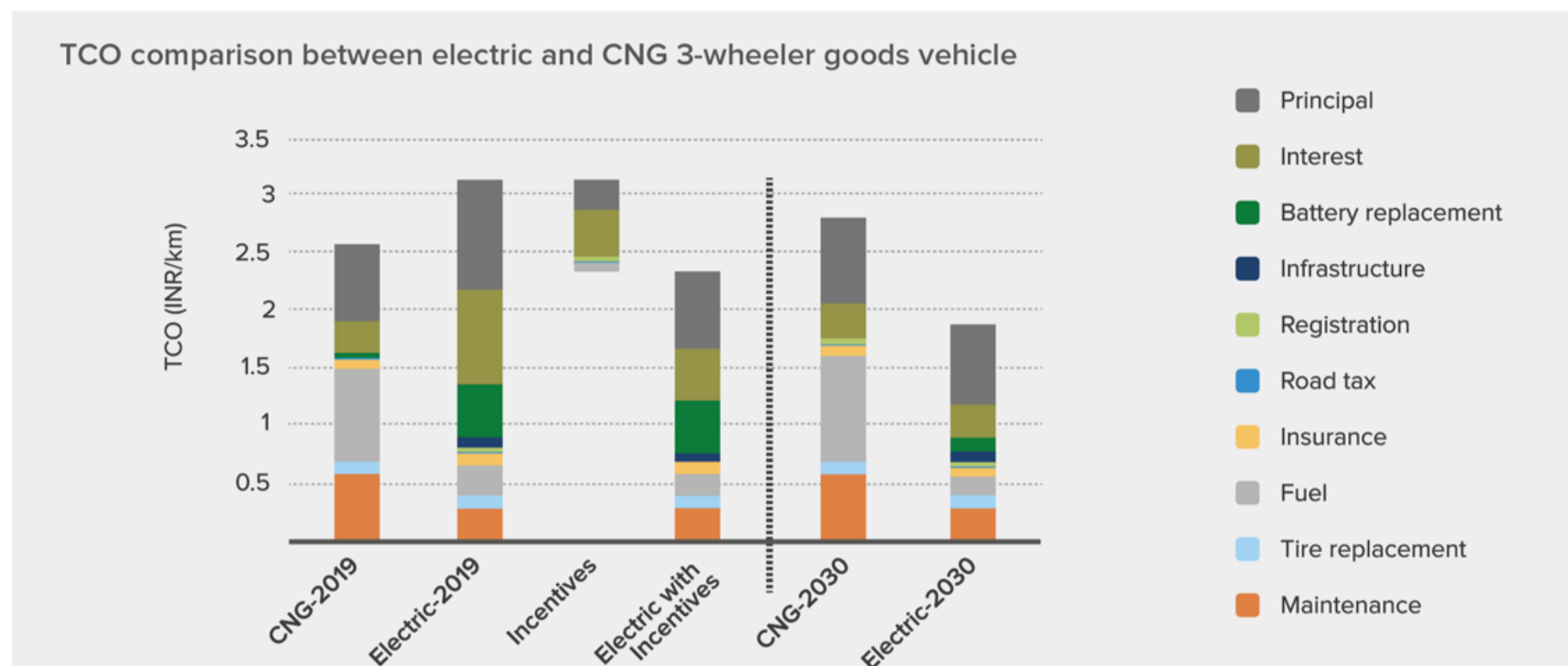
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Delhi is one of the fastest-growing cities in the world. With the increase in population, the city's demand for goods consumption is expected to increase from 68,000 tons/day in 2015 to 100,000 tons/day in 2025, and to 130,000 tons/day in 2035. Higher demand for goods, in turn, has led to higher vehicular movement as goods are delivered to stores and customers. While final-mile delivery is a fundamental part of an urban transportation system, it is a source of air pollution, carbon emissions, and high costs to customers.

Electric vehicles (EVs) present an opportunity to simultaneously address those three challenges. EVs have no tailpipe emissions, emit 35 percent less CO2 compared with internal combustion engine vehicles, and present a strong opportunity to reduce operational costs in the medium term. To enhance the value proposition of EVs, the Delhi government has announced an EV policy that outlines incentives for the sale and use of EVs, with a special focus on urban freight vehicles.



Total cost of Ownership for Three-Wheeled Goods Vehicles—Electric vs. CNG

“Deliver Electric Delhi” is a pilot on the electrification of final mile delivery vehicles in Delhi. The pilot is hosted by Rocky Mountain Institute, RMI India, and Dialogue and Development Commission of Delhi in collaboration with 36 private sector organizations. The pilot will deploy 1,000 electric delivery vehicles and the associated charging infrastructure in Delhi. RMI will also rigorously document the performance and value proposition of electric vehicles to create a replicable and scalable roadmap for full electrification of urban deliveries in Indian cities. The purpose of the roadmap is to improve policymaking for the public sector and decision-making about EVs for the private sector.



The report provides an overview of the pilot and covers the following topics:

- Opportunity and need for electrifying final-mile delivery vehicles in Delhi
- “Deliver Electric Delhi” pilot specifications
- The process for pilot implementation through a phased approach
- Conclusions and path forward



**Deliver Electric Delhi**  
Watch to learn more about the pilot

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