

## TERI Sustainable Urban Freight Workshop Series

### Workshop 2: Electrification of Textile Freight in Surat

27<sup>th</sup> December 2020

TERI in collaboration with Surat Municipal Corporation (SMC) and Tempo Owner's Association in Surat conducted a closed workshop on 27<sup>th</sup> December, aimed at facilitating Electric Vehicle pilots in Textile Freight in Surat. The workshop was attended by Tempo Owners of Surat and several Original Equipment Manufacturers (OEMs) including Ashok Leyland, TATA Motors, Volvo Eicher, Mahindra and Piaggio. TERI presented the freight requirement in Textile Supply Chain and the manufacturers responded with their feedback on the availability and ability of EVs for the presented requirement. The tempo owners attended the workshop physically from Surat and other participants joined the same using Video Conferencing. The tempo owners expressed their concerns in applying EVs in Surat's textile industry. These concerns included financing, charging infrastructure, effects of overloading and ability of EVs to bring down their total costs of operations.

This workshop is part of a series of workshops planned in Surat city aimed at electrifying various use cases of Urban Freight. Each of these workshops will follow a structure where the specific use-case of urban freight will be presented by the respective stakeholders and the OEMs will respond with availability and ability of EVs for reducing economic costs in the specific application. TERI and SMC envision pilot application in six different use cases in Surat including SWM, Textiles, Organic Waste, Bakeries, Food Grains and E-commerce.

This Urban Freight Cost Emission Reduction Guidance Facility (UFCERGF) in Surat is part of a national initiative by TERI to form a Sustainable Urban Freight Group. The SUF group is a consortium of all stakeholders of Urban Freight including state and local governments, central government agencies, OEMs, Research institutions and other civil society and industry members. The SUF group aims to create a national support structure for cost and emission reduction from urban freight in India.