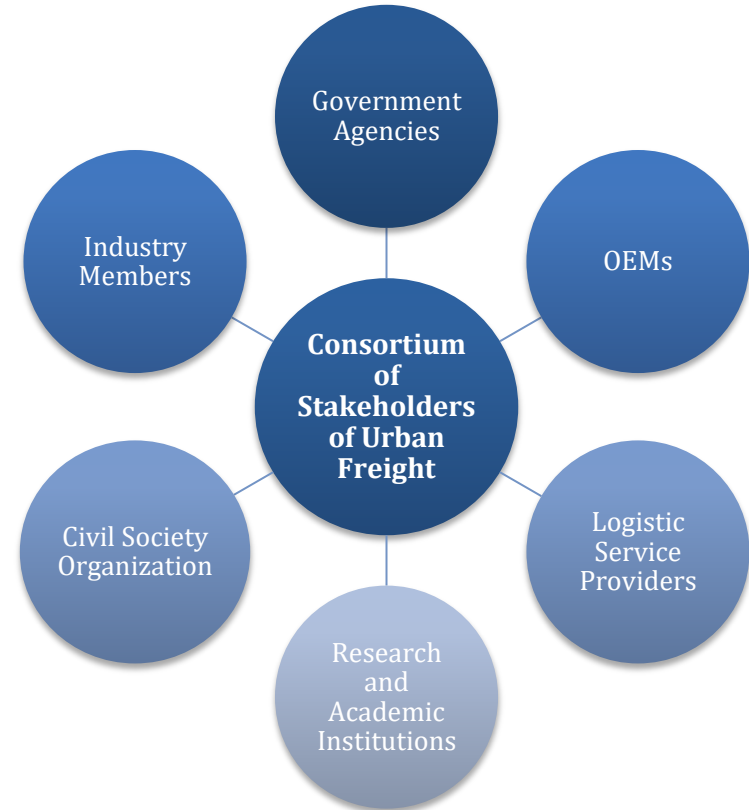# Launch of Charter and Website

25th June 2021

TERI's Sustainable Urban Freight Initiative

Vision

- Achieving Sustainability in Urban Freight Operations in India

Mission

- Act as a national support structure for cost and emission reduction of Urban Freight

Consortium of Stakeholders of Urban Freight

- Government Agencies
- OEMs
- Logistic Service Providers
- Research and Academic Institutions
- Civil Society Organization
- Industry Members

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TERI's Sustainable Urban Freight Initiative

Activities

Engagement with cities

Capacity Building Workshops

SUF Coalition Platform

Pilot Implementation (EVs)

Engagement

- SMC Departments
- Associations (Bakers, Traders, Tempo Owners etc.)
- DULT
- SIAM and OEMs
- Research and educational institutes

Partnerships

- MoU with Municipal Commissioner and Mayor (SMC)
- MoU with DULT (Bengaluru)
- Policy Support (Tendering, Economic Feasibility, Policy Consultancy)

Workshops Related SUF

- EV Adoption (Surat)
  - Waste Collection
  - Textile Freight
  - Bakery Supply Chain
  - Organic Waste
  - Food Grains
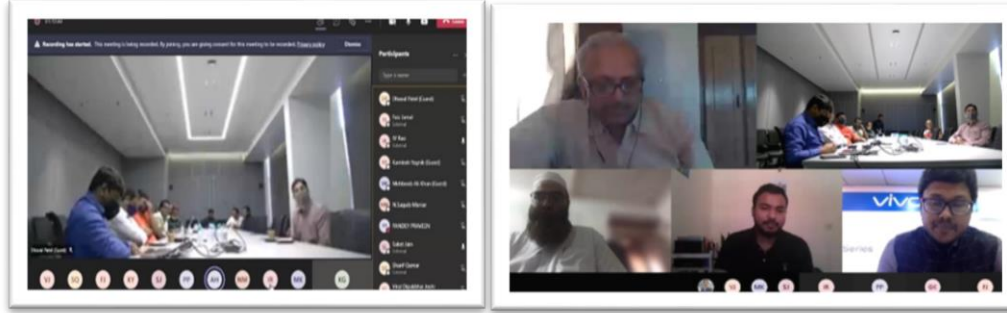- Sustainable Urban Freight for Bengaluru

EV Demonstration and Adoption

- EV Purchase for SMC: **Tender Release in Process**
- EV Purchase by Tempo Owners: **22**
- EV Purchase by Bakers: **5**

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Surat – Success Stories

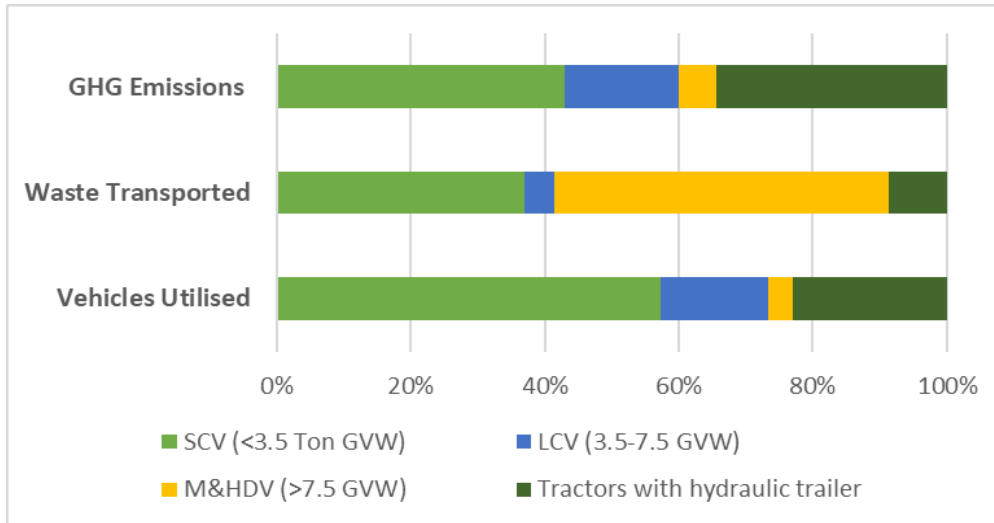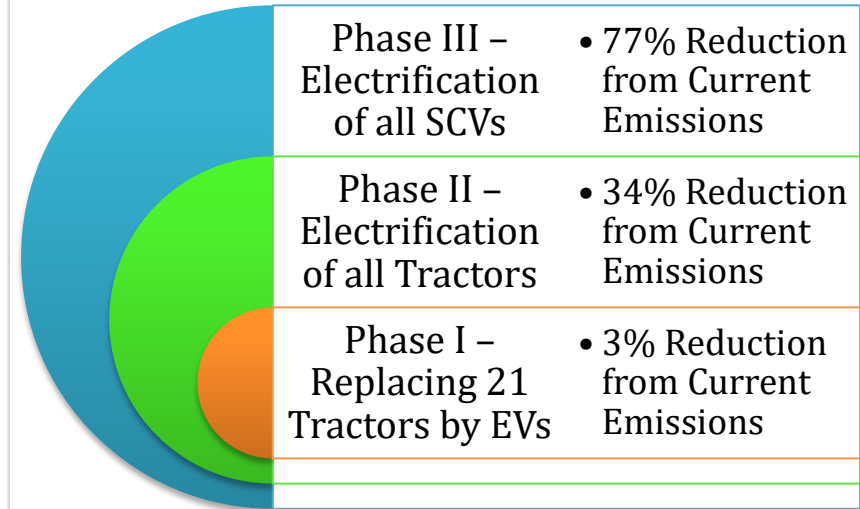|	
SWM	• 908 vehicles carry the SWM operations in the city • SMC aims to completely switch to EVs
Textile and Tempo Owners	• Textile freight accounts for 44% of Surat's UF • Tempo owners have shown interest in adoption of EVs; Live demonstration is to be planned • 22 EVs are already procured
Bakery and OWC	• EVs seem to be more suitable option for Bakery and OWC freight operations • Participants have requested live demonstration • 5 EVs are already purchased by Bakers, Duro Green to buy 2 EVs

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Potential Emission Reduction from SWM Operation

Current Vehicle Mix and Emission Scenario of
SWM Operation (SMC)

Legend:
- SCV (<3.5 Ton GVW)
- LCV (3.5-7.5 GVW)
- M&HDV (>7.5 GVW)
- Tractors with hydraulic trailer

Potential Emission Reduction

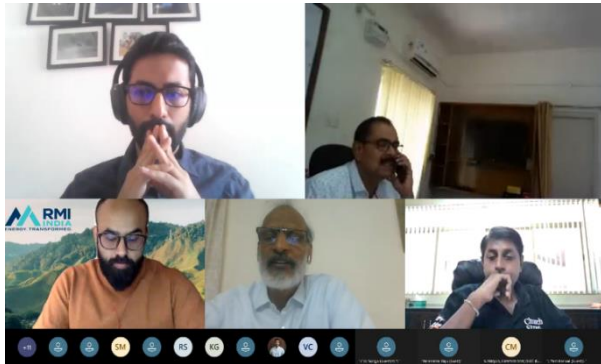| Phase	Measure	Reduction
Phase III –	Electrification of all SCVs	• 77% Reduction from Current Emissions
Phase II –	Electrification of all Tractors	• 34% Reduction from Current Emissions
Phase I –	Replacing 21 Tractors by EVs	• 3% Reduction from Current Emissions

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Bengaluru

AIM

- *Solutions for sustainable urban freight in Bengaluru/Karnataka*

Major Discussion Points

Bottlenecks	Opportunities

DULT's Interest for Electrification

Lack of Data

Partnerships for Development

Availability of Infrastructure

Cost and Emission Savings

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SUFC Platform

Sustainable Urban Freight Coalition

National Support Structure for Cost Emission Reduction from Urban Freight in India.

Focus Groups:

- Vehicle Manufacturers
- Government Agencies
- Private Organisations
- Research, educational institutes and individuals

AIM

Knowledge & Learning Platform

Capacity Building of Policy Makers
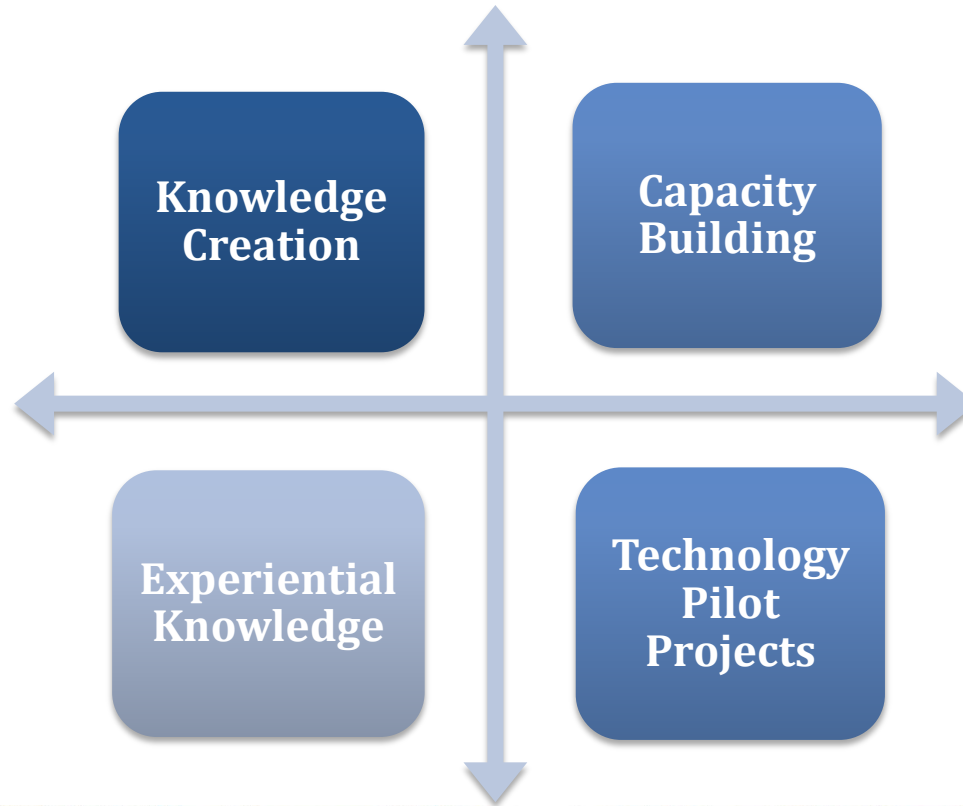
Integrating Experiential Research

Facilitating Partnerships

Value addition & User friendly mode for knowledge sharing on UF

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SUF Coalition's Actions

Join Sustainable Urban Freight Coalition

Visit SUFC Website ➤ **Download the Charter** ➤ **Sign and Upload**

Voluntary Declaration
To ensure contribution towards sustainable Urban Freight

Guiding Principle

SDG 3: Good Health and Well-being

SDG 9: Industry Innovation and Infrastructure

SDG 11: Sustainable Cities and Communities

SDG 17: Partnerships for the Goals

Responsibilities of SUFC Member

Actively contribute to the activities of SUFC

Share experiential knowledge regarding SUF

Building SUFC activities and community

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Procedure to Join

OEMs (Vehicle Manufacturer)

*Essential Information

Fill In the Details

Name of the Company*

Individual's Name*

Individual's Email*

We'll never share your email with anyone else.

Phone Number*

Individual's Designation*

Countries*

India

City*

State*

Select State

Do you produce Electric Vehicles? (Y/N)

○ Yes ○ No

Link to company website*

Company Logo*

Choose File   No file chosen

Upload signed charter*

Choose File   No file chosen

Download charter

4 + 8 = ?

Download -> Sign -> Upload the Signed Charter

☐ I commit to the charter

Submit   **Submit**

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Partners

- Logistics Division, MoCI*
- NITI Aayog*
- Directorate of Urban Land Transport, GoK
- Surat Municipal Corporation, Gujarat
- Kinetic Greens
- Piaggio
- Mahindra Rise
- Tata Motors
- Resilient Surat
- Resilience Strata
- Duro Green

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Next Steps

- Expand the Capacity Building Workshops and Discussions with Cities
- Monitoring the pilot to quantify economic and environmental benefits
- Running Pilot Projects on Larger Scale for Different Cities
- Assistance for Planning Sustainable Urban Freight for Cities
- Policy Suggestions and Recommendations to Decarbonize Urban Freight
- Incorporate Long-Distance Freight Activities in Scope

Sustainable Urban
Freight Coalition

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or write to us at: SUFcoalition@TERI.RES.IN

Project reports: https://www.teriin.org/project/sustainable-urban-freight-initiative and https://sufcoalition.org/public/index.php/scientific-research

Thank you

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