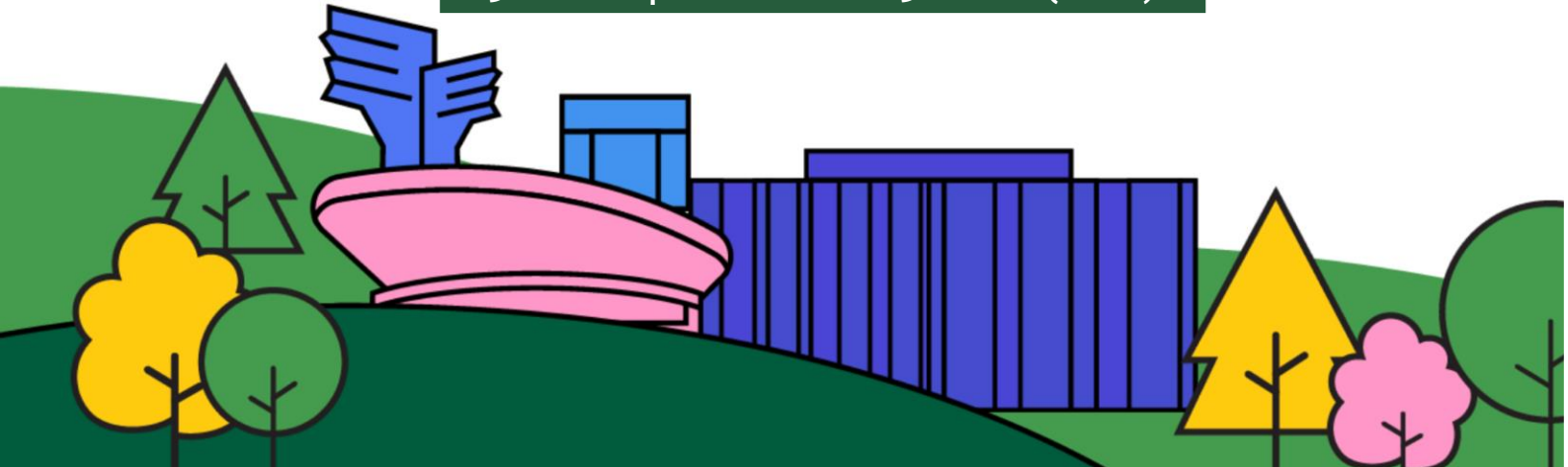




## Clean Tech Solutions and Planning for Urban Freight - Opportunities and Hurdles Panel Discussion

30<sup>th</sup> June | Time: 12.00 – 13.00 Hrs (CEST)



12.00 – 13.00 hrs	<p><b>“Clean Tech Solutions and Planning for Urban Freight - Opportunities and Hurdles”</b>                  NIUA Pavilion   30<sup>th</sup> June, 2022   Time: 12:00 – 13:00 hrs</p>	
12.00 – 12.05 hrs	<b>Welcome Remarks</b>	Welcome address by <i>Mr. Sanjay Seth, Senior Director, Sustainable Habitat Program, TERI</i>
12.05 – 12.10 hrs	<b>Context Setting</b>	Presentation by <i>Mr. Sharif Qamar, Fellow and Area Convenor, TERI</i>
12.10 – 12.55 hrs	<b>Panel Discussion</b>	<p>Moderated by <i>Mr. Sharif Qamar, Fellow and Area Convenor, TERI</i></p> <p><b>Panellists –</b></p> <ul style="list-style-type: none"> <li>- <i>Mr. Emani Kumar, Executive Director, ICLEI South Asia*</i></li> <li>- <i>Dr. Kulwant Singh, Advisor, BusWorld Foundation</i></li> <li>- <i>Mr. Amegh Gopinath, Technical Advisor, GIZ India</i></li> <li>- <i>Ms Auribel Villa, Senior urban Planning Advisor, GIZ Mexico</i></li> </ul>
12.55 – 13.00 hrs	<b>Q &amp; A with Audience</b>	Interaction with audience on adopting global urban practices in cities

\*TBC

## CONCEPT NOTE

Clean Tech Solutions and Planning for Urban Freight - Opportunities and Hurdles Urban Freight constitutes a major share of the urban ecosystem. It is a fundamental part of the overall transportation supply chain and involves large volume of commercial vehicles contributing to city's economic development and consumer satisfaction. For large number of countries and cities, these freight vehicles rely on diesel and account for the highest share of diesel consumption within the sector. This not only has an impact on energy security of the country but also is a major cause of negative externalities such as congestion, greenhouse gas (GHG) emissions and poor air quality.

Several cities across the World are shifting towards cleaner fuel technologies, particularly battery electric vehicles, as well as improved logistics or freight planning at the city level to improve efficiency in the urban freight segment. In India, the aim is to integrate green freight in the city logistics plans with enhanced focus on sustainable logistics infrastructure, institutional and regulatory support system, and adoption and application of best practices and technology solutions from across the World. The ultimate aim should be to augment efficiency and equip cities to tackle the issue of air pollution, and eventually contribute to the health and economic upliftment of the urban dwellers.

There are multiple learnings that could be drawn from international experiences, as well as through collaborative approach, that some of the constraints Indian cities are facing regarding urban freight could be resolved.

TERI believes that a platform like the World Urban Forum presents a great opportunity for exchanging ideas, experiences and co-creating solutions to establish a sustainable future for our growing cities. Hence, to capitalise on the potential of this forum, TERI is organising a panel discussion on 'Clean Tech Solutions and Planning for Urban Freight - Opportunities and Hurdles' with an objective to discuss the opportunities and hurdles in the implementation of clean and sustainable solutions for the transformation of urban freight sector in cities.

### **Objectives:**

- Panel discussion on 'Clean Tech Solutions and Planning for Urban Freight - Opportunities and Hurdles' to capture the perspectives and talk about clean technology for sustainable urban freight.
- Create collaboration opportunities with private entities and local partners towards implementation of clean urban freight. The Eleventh Session of the World Urban Forum

### **Guiding Questions:**

1. What has the experience of Clean Tech solutions like EVs and Hydrogen fuel cells, and innovative planning in cities across the World?
2. What are the key learnings and innovative strategies from Global experience, which have the potential of adoption in Indian cities as well?

3. What has been the transport service provider's and stakeholder's response to the new technologies? What other key constraints being faced in the Clean Tech adoption?
4. How can the government and financial sector support the clean transition envisioned shift to Clean Tech vehicles?
5. Role of key stakeholders in the sector – government, research organizations, planning bodies, solution providers, technology service providers, etc.
6. How can data-driven planning leverage efficient freight planning at the city level? How can the challenges regarding data acquisition and management be addressed?