Life-cycle Assessment of Passenger Transport: An Indian Case Study

Virtual launch

23 August 2023
14:00-15:15 IST
10:30-11:45 CEST

Click [here](#) to register for the Zoom webinar
LIFE-CYCLE ASSESSMENT OF PASSENGER TRANSPORT: AN INDIAN CASE STUDY

Carried out jointly by the International Transport Forum and the World Bank, this study is the first comprehensive, India-specific analysis of urban passenger transport emissions using a life-cycle perspective. The life-cycle assessment (LCA) approach offers insights into how policy choices affect greenhouse gas emissions throughout vehicle and infrastructure development and use. The study uses the ITF Transport Life-cycle Assessment Tool for India to show that Indian cities must prioritise measures that shift private vehicle users to public transport. In addition, a transition to electric buses – preferably powered by 100% renewable energy – is needed. The report highlights the critical importance of analysing and understanding emissions levels through all life cycle stages of transport services when taking public policy and investment decisions.

Access the report and tool here, on 16 August 2023.

AGENDA

23 August 2023, 14:00 – 15:15 IST /10:30 – 11:45 CEST

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<th>Duration</th>
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<td>5 min</td>
<td>Introduction</td>
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|          | Introduction to the launch webinar and the ITF’s Decarbonising Transport in India projects.  
  Speaker: Malithi Fernando, Project Manager, International Transport Forum |
| 10 min   | Key recommendations and the ITF Transport LCA Tool for India |
|          | The key recommendations of the study will be presented, followed by an overview of the ITF Transport LCA Tool for India.  
  Speaker: Vatsalya Sohu, Deputy Project Manager, International Transport Forum |
| 15 min   | Results and key assumptions of the study |
|          | The key assumptions and an overview of the inputs will be presented, followed by a presentation of the main outputs and the results of the study.  
  Speaker: Ravi Gadepalli, Consultant, World Bank |
| 10 min   | Relevance for Indian policy landscape |
|          | Remarks on the study followed by a focused intervention on the relevance of LCA for the Indian transport policy making.  
  Speaker: Sudhendu Sinha, Advisor, NITI Aayog (TBC) |
| 10 min   | Relevance for industry and carbon credits programs |
|          | Remarks on the study followed by a focused intervention on the importance of LCA studies for the industry in India as well as for carbon credits programs.  
  Speaker: Vishal Kapoor, CEO, Convergence Energy Services Limited (TBC) |
| 10 min   | Key takeaways for climate-oriented financing |
|          | Remarks on the study followed by its importance for climate-oriented financing in India.  
  Speaker: Gerald Ollivier, Lead Transport Specialist, World Bank |
| 15 min   | Moderated Q&A session |
|          | The speakers will respond to questions from the audience.  
  Moderator: Malithi Fernando, Project Manager, International Transport Forum |