



AGENDA

Decarbonising Transport in India: DTEE + NDC-TIA

Scenarios and policy strategies for transport decarbonisation in India

23-24 February 2021

Register here:

[Day 1](#)

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सत्यमेव जयते

NITI Aayog



■ INTERNATIONAL TRANSPORT FORUM

The International Transport Forum (ITF) at the OECD is an intergovernmental organisation with 62 member countries. It acts as a think tank for transport policy that covers all modes of transport. The ITF's mission is to foster a deeper understanding of the role of transport in economic growth, environmental sustainability and social inclusion and to raise the public profile of transport policy. The ITF acts as a platform for discussion of transport policy issues. It analyses trends, shares knowledge and promotes exchange among transport decision-makers and civil society.

■ DECARBONISING TRANSPORT INITIATIVE

The Decarbonising Transport initiative helps governments and industry to translate climate ambitions into actions. It provides tools for decision makers to select greenhouse gas (GHG) emission mitigation measures that deliver on their commitments. Specifically, it:

- Provides targeted analytical assistance to identify climate actions that work.
- Gathers and shares evidence for best practices for the transition to carbon-neutral mobility.
- Helps building a global policy dialogue and bringing the transport perspective to the broader climate change discussions.

■ DECARBONISING TRANSPORT IN EMERGING ECONOMIES (DTEE)

As part of the Decarbonising Transport initiative, the Decarbonising Transport in Emerging Economies (DTEE) project aims to help national governments and other stakeholders to identify measures and establish pathways to reduce transport GHG emissions in transport and meet their climate goals and NDCs, while also fostering their economic and social development. The project is implemented by the ITF in collaboration with The Wuppertal Institute (WI). It focuses on four ITF member countries: Argentina, Morocco, India and Azerbaijan. It is centred on the development of modelling tools that allow to assess emissions of greenhouse gases (GHGs) in transport and help elaborate policy strategies to mitigate them.

The activities of the DTEE project are developed in close co-ordination with each of the countries' national government agencies, also involving local policymakers and other stakeholders from industry, academia and non-governmental/civil society organisations. NITI Aayog is the nodal agency liaising with the ITF and WI in the case of India.

Based on exchanges that took place since the project kick-off meeting, in June 2020, the DTEE India project will focus on the development of a modelling tool capable to assess GHG emissions in the transport sector, taking a life-cycle perspective. DTEE India activities will also include support for the build-up of local capacity, with the aim to improve future transport research and policy development beyond the project duration.

■ NDC TRANSPORT INITIATIVE IN ASIA (NDC-TIA)

The NDC Transport Initiative for Asia (NDC-TIA) supports China, India and Vietnam in the definition of policies enabling to meet the objectives of their Nationally Determined Contributions (NDCs). The project is implemented by a consortium involving the ITF and the following members: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, International Council on Clean Transportation (ICCT), World Resources Institute (WRI), Agora Verkehrswende (AGORA), Partnership on Sustainable, Low Carbon Transport (SLoCaT) Foundation and Renewable Energy Policy Network for the 21st Century (REN21). The consortium will also connect with regional stakeholders and other Asian countries in order to encourage taking a comprehensive approach to decarbonize transport.

The ITF is primarily involved in the India component of the NDC-TIA. As in the case of DTEE, NITI Aayog is the nodal agency for the NDC-TIA project in India. The focus of the NDC-TIA activities carried out by the ITF in India is on the build-up of capacity to take action on GHG emission mitigation in the transport sector. In particular, the ITF involvement in the NDC-TIA India project will leverage on the life-cycle assessment tool developed in the DTEE India project to help local research and academic institutions supporting the government in the definition of GHG emission mitigation policies in transport.

■ WORKSHOP OBJECTIVES

India is the second most populated country globally, the third-largest emitter of carbon dioxide and one of the world's fastest-growing economies. Direct emissions from energy use in transport account for approximately one quarter of all energy-related CO₂ emissions. Given these circumstances, making sure that India succeeds in the definition of a transport decarbonisation strategy is crucial to meet the ambition of the Paris Agreement to limit global warming well below 2 degrees from pre-industrial levels.

The workshop will gather representatives from the key stakeholders involved in the definition and the implementation of a strategy for transport decarbonisation in India that is also capable to foster the country's economic and social development. These include representatives from the Indian ministries and government, local authorities, industry, academia, intergovernmental organisations, financial institutions and civil society.

This will allow to:

- Define the current policy landscape for decarbonising transport in India; relating in particular with the existing and forthcoming policy framework.
- Identify decarbonisation pathways, strategies, scenarios and plans that have been developed by different stakeholders for the Indian transport sector.
- Clarify the views of key stakeholders on what should be policy priorities for transport decarbonisation.
- Understand how the Covid-19 pandemic will impact CO₂ reduction ambitions, not only because of near-term effects on transport demand, but also due to structural changes that will determine the characteristics of the transport system in the future.
- Enable multiple stakeholders to engage in an inclusive and constructive dialogue.
- Allow all participants to be exposed to learning opportunities.

Indications from the workshop will also be precious to inform the work that the ITF and other partners will carry out in the framework of the DTEE and NDC-TIA projects, assisting the Indian government in the elaboration of its transport decarbonisation policies. They will be especially relevant to define the scope of the life-cycle assessment tool of the DTEE project and set priorities for the capacity building activities of the NDC-TIA work.

■ WORKSHOP FORMAT

Due to the circumstances induced by the Covid-19 pandemic, will take place as a virtual event. Participation is by invitation only.

The workshop discussions will be conducted under Chatham house rules, but presentations will be uploaded to a workshop page, if speakers agree.

■ AGENDA

Day 1 – Status and projections on transport, energy and emissions in India

23 February, 10:30 – 15:00 CET/ 15:00 – 19:30 IST

CET		IST
10:30 – 10:45	Meeting start – connection to Zoom platform	15:00 – 15:15
10:45 – 11:05	Welcome and introduction	15:15 – 15:35
Welcome, introduction to ITF and its Decarbonising Transport initiative: Jari Kauppila, Head of Quantitative Policy Analysis & Foresight, ITF		
Introduction to the DT India projects and workshop objectives: Pierpaolo Cazzola, Advisor, Energy, Technology & Environmental Sustainability, ITF		
11:05 – 12:05	Current landscape of the Indian transport sector	15:35 – 16:35
<p>This session will be an opportunity for Indian institutional speakers (e.g. from NITI Aayog and transport-related ministries) to illustrate the current status of transport in the country, along with currently enforced forthcoming policies that could help decarbonising the sector while meeting other sustainable development objectives</p> <p>Chair: Sudhendu J. Sinha, Advisor, Infrastructure Connectivity & Electric Mobility, NITI Aayog</p> <p>Speakers: Sudhendu J. Sinha, Advisor, Infrastructure Connectivity & Electric Mobility, NITI Aayog Amit Varadan, Joint Secretary, MoRTH Uppili Chakrapany, Director (MRTS-II) in the Urban Transport Division, MoHUA</p>		
12:05-14:45	Projections and scenarios on the evolution of transport in India from the research community: focus on energy and emissions	16:35-19:15
<p>The objective of this session is to gather results from the research community on transport decarbonisation scenarios, discussing key technology, policy and other drivers needed for a sustainable transition to low carbon mobility.</p> <p>Chair: Indradip Mitra, Team Leader E-mobility, GIZ India</p> <p>Speakers: Sharif Qamar – Area Convener, Centre for Sustainable Mobility, TERI Vaibhav Chaturvedi – Fellow, CEEW Probal Ghosh – Assistant Director, IRADe Shweta Srinivasan – Research Scientist, CSTEP Meredydd Evans – Senior Staff Scientist, PNNL Siddharth Singh - Lead Country Analyst and Coordinator, IEA Megha Kumar – Researcher, ICCT</p>		
14:45 – 15:00	Wrap-up of day one	19:15 – 19:30
<p>This session will allow the ITF and NITI Aayog to summarise earlier sessions.</p>		

Day 2 – Priorities for transport decarbonisation in India

24 February, 9:00 – 14:05 CET/ 13:30 – 18:35 IST

CET 09:00 – 09:15	Meeting start – connection to Zoom platform	IST 13:30 – 13:45
09:15 – 9:30	Welcome and introduction	13:45 – 14:00
<p>This session allow to briefly recall the contributions and discussion on the 1st days to kick-off work in this second day.</p> <p>Speaker: Pierpaolo Cazzola, Advisor, Energy, Technology & Environmental Sustainability, ITF</p>		
09:30 - 11:05	Understanding the perspective of industry stakeholders on decarbonisation strategies in India	14:00 - 15:35
<p>This session will give opportunities to key industry stakeholder to give their perspective on the policy context and transport decarbonisation solutions that emerged in the first day, flagging criticalities and suggesting priorities for a way forward.</p> <p>Chair: Elisabeth Windisch, Team Lead, Quantitative Policy Analysis and Foresight, ITF</p> <p>Speakers: Robert Spicer, Director, Long Term Modelling & Strategic Analytics, BP Jasmeet Khurana, Manager REmobility, World Business Council for Sustainable Development Christoph Wolff, Global Head of Mobility and Member of the Executive Committee, World Economic Forum Pradheepam Ottikkutti, Executive Director, India Engineering at Cummins India Ltd, representing SIAM</p>		
11:05 – 11:15	Coffee break	15:35 – 15:45
11:15 - 12:35	Understanding the perspective of finance stakeholders on decarbonisation strategies in India	15:45-17:05
<p>This session will give opportunities to key finance stakeholder to give their perspective on the policy context and transport decarbonisation solutions that emerged in the first day, flagging criticalities and suggesting priorities for a way forward.</p> <p>Chair: Amit Bhatt, Executive Director - Integrated Transport, World Resources Institute India</p> <p>Speakers: Abhishek Dangra, Senior Director, Sector Lead: Infrastructure, S&P Global Ratings Mukund Kumar Sinha, Transport Specialist, Asian Development Bank Gerald Olivier, Lead Transport Specialist, Transport Global Practice, World Bank</p>		
12:35 – 13:55	Understanding the perspective of NGOs and IGOs on priorities to move forward on decarbonisation in India	17:05-18:25
<p>This session will give opportunities to non-governmental organisations that have been closely working with the Indian government at different administrative levels to give their perspective on the policy context and transport decarbonisation priorities, also building on the contributions given in the first day of the workshop. The session will also provide an opportunity</p>		

to add insights on the impact of Covid-19 for future developments, also taking into account changes that the pandemic has brought to the global landscape.

Chair: Pierpaolo Cazzola, Advisor, Energy, Technology & Environmental Sustainability, ITF

Speakers:

Anup Bandivadekar, Program Director/ Regional Lead, International Council on Clean Transportation

Vivek Chandran, Associate Director (Transport), Shakti Foundation

Akshima Ghate, Principal, Rocky Mountain Institute India

Bert Fabian, Asia-Pacific Lead, Air Quality and Mobility Unit, United Nations Environment Programme

13:55 – 14:05

Wrap-up of day two

18:25-18:35

This session will allow the ITF and NITI Aayog to summarise earlier sessions and outline next steps.
