



iTEM7

Seventh International Transport Energy Modeling (iTEM) Workshop
 September 17-18, 2024
 United Nations Economic Commission for Europe
 Palais des Nations
 CH-1211 Geneva 10, Switzerland



Format: In-Person with Virtual Participation

Material for iTEM7 registration

[International Transport and Energy Modelling partnership \(iTEM7\) | UNECE](#)

Day 1. September 17 2024

Time	Topic	Presenter
9:00	Welcome	Francois Cuenot (UNECE)
Session 1. Global Transport Scenarios		
9:10	BP scenarios	Robert Spicer (BP)
9:40	IEA Global scenarios	Elizabeth Connelly (IEA)
10:10	Power break	
Session 2. Transport modeling of used vehicles and aviation		
10:40	Modelling used vehicles within fleets	Matteo Craglia (ITF)
11:10	Decarbonizing aviation in Latin America	Sergey Paltsev (MIT)
11:45	Lunch	
Session 3. Onroad Transportation: Policies, Technologies, and Market Impacts		
13:30	A global perspective on the future drivetrains of commercial vehicles	Andreas Kammel (Traton Group)
14:00	Well-Below 2 Degrees, WTW CO2 Trajectories for ZEV policies/ambitions/alignment with Paris targets	Arijit Sen / Jacob Teter (ICCT)
14:30	Power break	
15:00	Impacts of Policy and Technological Evolution on U.S. Light-Duty New and Used Vehicle Market	Ruixiao Sun and David McCollum (ORNL)
Session 4. Shipping and Grid Impacts		
15:30	Optimal fuel supply of green ammonia to decarbonise global shipping	Jasper Verschuur (TU Delft)
16:10	Grid Impacts of charging/Hydrogen infrastructure/TBD	Francesco Sanvit (TUD)/ Joe Löfving (Chalmers)/ Bessie Noll (ETH)

Day 2. September 18 2024

Time	Topic	Presenter
Session 5. Lifecycle Analysis, Air Quality, and Future Scenarios		
9:00	LCA policy landscape	Francois Cuenot (UNECE)
9:30	LCA Method: An Analysis of the Greenhouse Gas Potential of Current Powertrain Technologies	Tobias Stoll, IFS/FKFS
10:00	Carbon accounting for sustainable biofuels	Ana Alcalde and Ilkka Hannula (IEA)
10:30	Power break	
11:00	2024 refresh of the Shared Socioeconomic Pathways and contributions from MESSAGEix-GLOBIOM/-Transport	Paul Kishimoto (IIASA)
11:30	Lunch	
Session 6. New data sets and community data processes (iTEM/TDCI joint session)		
14:00	Welcome iTEM introduction TDCI activities overview	Dmitry Maryasin (UNECE) Sonia Yeh (Chalmers) James Leather (ADB)
14:45	Selected examples of datasets <ul style="list-style-type: none">Global Energy Efficiency DatasetiTEM Open Data	Pierpaolo Cazzola (UC Davis) Sonia Yeh (Chalmers)
15:30	Power break	
16:00	TDCI data standards	Paul Kishimoto (IIASA)
16:30	Discussion / Group Work - Exploring Synergies	All
17:15	Wrap-up & Next Steps	All