

Accelerating the Green Transition of Viet Nam's Road Transport Sector

Key information

- **Date:** Tuesday, 5th of December
- **Time:** 10:00 am to 11:30 am
- **Venue:** Viet Nam's Pavilion and online via Zoom at the Green One UN House – Viet Nam
- **Organizers:** UNDP, Viet Nam Ministry of Transport (MOT), and Viet Nam DCC-MONRE
- **Online:** <https://undp.zoom.us/j/83460559835?pwd=SjhHRDZGeWpJa3lsYThaWVpnQ3ZTQT09>

I. Objective of the Thematic Dialogue

Focused on the theme of the green energy transformation in the transportation sector, this thematic dialogue will introduce the international community to the roadmap, objectives, targets and stated commitments of the Government of Viet Nam and Ministry of Transport (MOT) on efforts transitioning towards a low-emission transport system. The event entails engagement on efforts moving towards mass adoption of green public transport services, encouraging the active participation of the private sector in electric vehicle manufacturing, and developing supportive infrastructure and ecosystems to accelerate electric mobility with the support from development partners.

This event is co-organized by Viet Nam's MOT, Department of Climate Change-Ministry of Natural Resources and Environment (MONRE), and United Nations Development Programme (UNDP). It will be hosted in a hybrid format at the Pavilion and simultaneously broadcast at the Green One UN House in Ha Noi, Viet Nam.

II. Background

Globally, the transportation sector generates approximately 8 Gt or 23 percent of global GHG emissions. According to the International Energy Agency, these sectoral emissions have been rising steadily at an average annual rate of 1.7 percent over the past two decades, faster than any other end-use sector except for industry. Viet Nam's transportation sector has mirrored global trends, with estimated emissions at 37 MtCO₂ in 2020 and a continuous upward trajectory. In accordance with business-as-usual emissions, Viet Nam's transport sector emissions are projected to grow at an annual increasing rate of 6-7 percent, nearing 90 MtCO₂ in 2030. In such a scenario, transport sector emissions would account for 18 percent of total GHG emissions. This would be a result of a lack of substantial interventions to decouple rapid economic growth and incomes from emissions, increased urbanization, inefficient fuel economy, and inadequate public transport infrastructure, among other factors.

Recognizing the seriousness of the policy issue beyond Viet Nam's 2050 net-zero emissions target, the Prime Minister approved the Action Plan for Green Energy Transition and Reduction of Carbon Dioxide and Methane Emissions of Transport Sector (Decision No. 876.QD-TTg). Approved July 2022, the action plan outlines a comprehensive strategy to achieve net-zero emissions in the transport sector by 2050, along with specified objectives, namely:

- Period from 2022 - 2030: Promote the manufacturing, assembling, import, and use of electric vehicles; develop charging infrastructure network to domestic and commercial demand;
- 2025: All buses must be classified as electric or "green energy";
- 2030: All new taxis must be classified as electric or "green energy";
- 2040: Stop manufacturing, assembling, and import of fossil fuel vehicles; and
- 2050: All road transport vehicles must be classified as electric or "green energy".

Motivated by the clear targets of the Action Plan, concerted effort from the government and private sector has spurred a significant movement towards electrification of the transport sector, with a particular focus on electric vehicle (EV) development. Though in its infancy, the number of registered EVs increased from a modest 167 in 2021 to 12,585 by July 2023. This expansion extends to various forms of road transport, including electric buses in Hanoi and Ho Chi Minh, electric taxis in 6 major cities, and electric motorbikes for last-mile delivery services in Hue City, Ho Chi Minh City, and Hanoi. Domestic manufacturer Vinfast has over 150,000 charging stations across 63 provinces and cities, with planned expansions. Further, major cities are developing city-level transition roadmaps on green transport to solidify the realization of national efforts. However, realizing the roadmap and goals of the Action Plan require overcoming several barriers, including updating existing and developing new policy frameworks, such as: development plans specified by transport sub-sectors, an EV manufacturing roadmap for industry, and aligning sufficient resource allocation.

III. Outcomes of the Thematic Dialogue

- Disclose the targets, progress, and achievements arising from the Ministry of Transport's Action Plan towards net-zero emissions;
- Highlight cases studies of EV projects to showcase the potential of private sector involvement and public-private partnerships in stimulating investment for the EV transition in cities; and
- Discussion on the financial and institutional policy barriers that hinder private sector investment in green transport transition measures, ensuring alignment with the transport sector's roadmap and mitigation actions outlined in the updated NDC.

Tentative Agenda

Moderator: Deputy Head – Science, Technology and Environment Department – MOT

Time	Activity	Speaker
10:00 - 10:02	<i>Event Briefing and Agenda Introduction by MOT</i>	Representative from MOT
10:03 - 10:15	<i>Welcoming Remarks</i>	Representative from UNDP HQ Mr. Tran Anh Duong, Deputy Director – Department of Science, Technology and Environment – Ministry of Transport; and Mr. Kohji Mitomori, Senior Director, Office for Sustainability Management, Operations Strategy Department, JICA.
10:15 - 10:25	<i>Introductory video</i> Electrifying Viet Nam’s Transport Sector: Paving the Transition for Viet Nam’s Sustainable Transport Future	Department of Climate Change, Ministry of Natural Resources and Environment, Viet Nam
10:25 - 10:35	<i>UNDP’s Role in Accelerating Viet Nam’s Electric Vehicle Transition</i> Spotlight the support provided by UNDP in propelling electric mobility development, notable achievements, and next steps.	Dao Xuan Lai, Assistant Resident Representative, UNDP Viet Nam
10:35 - 10:45	<i>Sharing lessons from the Support for Planning and Implementation of the Nationally Determined Contributions in Vietnam (SPI-NDC) project’s role in contributing to sustainable transport</i> Highlighting the contributions of the technical cooperation project, titled: Support for Planning and Implementation of the Nationally Determined Contributions (SPI-NDC), in advancing the development of the transport sector, observations, and	Koji Fukuda, Chief Advisor, JICA NDC Implementation Support SPI-NDC; and Yasuki Shirakawa, Transport Expert, JICA SPI-NDC Almec Co. Ltd.

	achievements.	
10:45 - 11:05	<p><i>Showcasing the role of the private sector and public-private partnerships in electric vehicle development in Viet Nam</i></p> <p>Electric vehicle manufacturing and development of associated infrastructure as well as the contribution of electric buses and taxis to powering green urban mobility.</p>	Representative from Vingroup
11:05 - 11:25	<i>Q&A session</i>	<p>Representative from MOT, Representative from UNDP Viet Nam, Representative from Government of Japan (JICA) Representative from Vingroup</p>
11:25 - 11:30	<i>Closing Remarks</i>	<p>Dao Xuan Lai, Assistant Resident Representative, UNDP Viet Nam Mr. Tran Anh Duong, Deputy Director – Department of Science, Technology and Environment – Ministry of Transport</p>

IV. Other requests

Please specify (catering, live stream, interpretation etc.): _Interpretation_____

Web link: <https://undp.zoom.us/j/83460559835?pwd=SjhHRDZGeWpJa3lsYThaWVpnQ3ZTQT09>

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