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Workshop on Energy Efficiency in the Transportation Sector

Date : April 11-24, 2024

Application Deadline : March 4, 2024

*How to apply: Through the R.O.C (Taiwan) embassies, representative offices or Taiwan technical missions.

7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



Overview

Transportation currently accounts for 20% of all global greenhouse gas emissions. Therefore, nations are replacing gas-powered vehicles with low-carbon alternatives as part of their net-zero carbon commitments. This workshop covers Taiwan's low-carbon transportation strategies, including its emphasis on bus electrification and charging infrastructure, as well as highlights developments in Taiwan's electric vehicle industry. Participants will gain practical insights into energy-efficient transportation.

Objectives

- Share Taiwan's low-carbon policies underlying the transition to net-zero transportation
- Explain the tax incentives and subsidies behind Taiwan's increase in electric vehicles

Contents

- **Taiwan's Net-Zero Transportation Strategy:** Outline Taiwan's 2050 emission goals (including bus electrification by 2030 and all-electric vehicles by 2040), examining its charging stations, battery swap mechanisms, and smart systems
- **Taiwan's Electric Vehicle Supply Chain:** Detail government support for vehicle and subsystem R&D, including visits to electric vehicle and battery manufacturers

Issues this workshop will address

- How can governments motivate public transportation and logistics providers to replace high-energy vehicles with low-carbon alternatives?
- How can the public sector adapt to mainstream charging standards and capitalize on existing charging solutions?

Who may apply

- **Background** : Government officials, industry heads, and R&D staff involved in low-carbon transportation and electric vehicle strategies
- **Expertise** : Energy-efficient transportation and electric vehicles



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