Outline of Tokyo ZEV Promotion Strategy

* **ZEVs:** Electric vehicles (EVs), plug-in hybrid vehicles (PHVs) (in EV mode), and fuel cell vehicles (FCVs) that do not emit CO_2 or other exhaust gases during driving

Aiming for net zero CO_2 emissions from vehicles

- Making vehicles zero emission is a common duty of large cities around the world. Set various targets related to the promotion of ZEVs, a determining factor of the approach, to actively promote social acceptance.
- Encourage changes toward the realization of a ZEV society by cooperating with various participants, including businesses, Tokyo residents, and the national government

Roadmap for realizing net zero CO_2 emissions from vehicles and primary initiatives for achieving 2030 targets

* Well-to-Wheel: A concept that indicates the environmental load (CO_2 emissions) generated through the entire process, from the stage of obtaining automobile fuel (well) to the stage of actual driving (wheel)

Goal – Tokyo's visions for 2050

- All cars driven in Tokyo to be ZEVs
- Realizing zero emissions from well-to-wheel* due to expansion of renewable energy use

Milestone – Promotion of ZEVs – 2030 targets

- Market share of ZEVs increased to **50%** of new passenger car sales in Tokyo
- Introducing **300 or more** zero emission buses
- New small route buses* for sale limited to **ZEVs in principle**

* Route buses with a capacity of approx. 30 passengers

Milestone – Infrastructural targets – 2030 targets

- **1,000** fast chargers
- **150** hydrogen stations

Promotion of ZEVs

Infrastructure development

2020

- **Encouraging replacement of existing vehicles, including passenger cars, buses, and motorcycles, with ZEVs**
  - Make up the price difference from the same class vehicles to mitigate the impression of higher costs or heavier burden. Inspire automotive manufacturers to promote ZEV development and diversify vehicle types.
  - Consider a mechanism to encourage users, manufacturers, and dealers to introduce ZEVs.
  - Aggressively incorporate ZEVs into vehicles owned by TMG.
- **Contribution to energy management**
  - Support introduction of V2H or EV power stations for use in emergency feeding or energy management with renewable energy introduced.

2030

- **Fostering momentum for social acceptance**
  - Promote expansion through public-private partnerships.
  - Create opportunities to experience ZEVs.

2030

- **Ensuring infrastructure to support the promotion of ZEVs**
  - Provide support for maintenance costs etc. to enhance chargers and hydrogen stations as social infrastructure prior to the introduction of ZEVs.
  - Encourage the installation of chargers by taking advantage of large building construction and urban development.
  - Request the national government to ease restrictions on hydrogen stations.
  - Aggressively use TMG's facilities.

2020

Initiative development for promoting ZEVs toward 2030