

## What's New

# TOWARDS A ZERO EMISSION TOKYO

A Sustainable and Resilient Strategy pursuing 1.5°C

Tokyo declares it will realize a Zero Emission Tokyo that will contribute to efforts towards achieving net zero CO<sub>2</sub> emissions by around 2050.

Looking around the world, rising sea levels and extreme climate phenomena, such as hurricanes, floods, and heat waves, are increasing, and the impact of climate change is becoming more serious. In 2018, unusual heat continued in Tokyo, and unprecedented heavy rains occurred in various parts of Japan, causing landslides and other serious damage. The IPCC Special Report on Global Warming of 1.5°C published in 2018 shows the necessity of reducing global anthropogenic CO<sub>2</sub> emissions to net zero by around 2050 in order to keep the temperature rise below 1.5°C as that poses less risk than a 2°C rise.

In light of this situation, the Tokyo Metropolitan Government (TMG), at the U20 Mayors Summit held in Tokyo in May 2019, declared it will seek to achieve the 1.5°C goal and realize a Zero Emission Tokyo to contribute to the goal of global net zero CO<sub>2</sub> emissions by around 2050, assuming responsibility as a major consumer of energy. To achieve this, we will formulate a specific strategy, "Zero Emission Tokyo: A Sustainable and Resilient Strategy pursuing 1.5°C" in 2019.

## Highlights in Efforts Towards a Zero Emission Tokyo

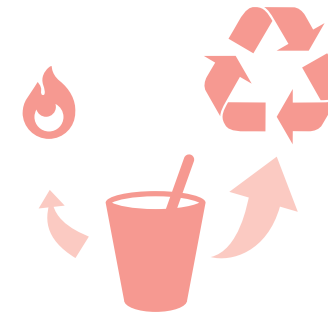
- Comprehensive development of mitigation measures to reduce CO<sub>2</sub> emissions and adaptation measures to avoid or reduce heat, infectious diseases, and flood damage caused by the impact of climate change
- Full-scale start of reducing CO<sub>2</sub> associated with resource consumption in and outside Tokyo, decarbonizing the entire society
- New initiatives setting medium-term goals for plastics and zero emission vehicles (ZEVs\*) and further strengthening efforts for energy efficiency and renewable energy

\* Electric vehicles (EV), plug-in hybrid vehicles (PHV), fuel cell vehicles (FCV)



## Setting New Goals to Accelerate Efforts

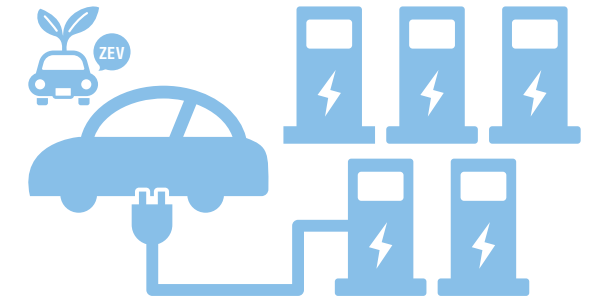
For the reduction of plastics and the promotion of ZEVs that should be addressed immediately, we have set new goals for 2030.



- ▶ Reduce incineration of plastic waste from households and large office buildings\* by 40% by 2030

\* Aggregate floor area of more than 3,000 m<sup>2</sup>

For measures for plastics, see page 22.



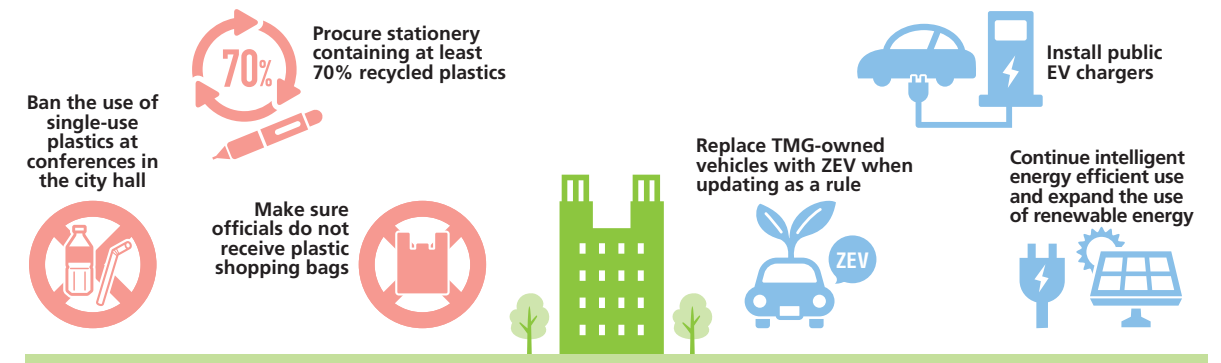
To increase the market share of ZEV to 50% of new passenger car sales in Tokyo

- ▶ Double the number of EV chargers by 2025
- ▶ Provide 1,000 EV fast chargers by 2030

For the promotion of ZEVs, see page 16.

## "Let's Start from Here"—Initiatives Taken by TMG

With "Let's Start from Here" in mind, TMG will build a system that unites all of us and take a leading role.



## Widening the scope of activities! "Team Mottainai"

In order to further develop Tokyo as a sustainable city, it is important to encourage each individual to change their behavior as it has a major impact on the entire environment.

"Team Mottainai" was founded to raise each individual's awareness of "mottainai" (sense of "too precious to waste" and respect for the Earth's resources) and encourage changes in their consumption behavior in a wide variety of situations, focusing on the following three areas. Supportive businesses, NGOs, and individuals participate in the team to expand the synergy with the efforts and the scope of activities.



URL: [http://www.kankyo.metro.tokyo.jp/en/about\\_us/team\\_mottainai/index.html](http://www.kankyo.metro.tokyo.jp/en/about_us/team_mottainai/index.html)