

Zero Emission Tokyo

A decarbonization strategy to realize a Tokyo that serves as a pioneer for the future and continues to light the way

Zero Emission Tokyo Strategy

Toward the realization of a Zero Emission Tokyo

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Bureau of Environment**

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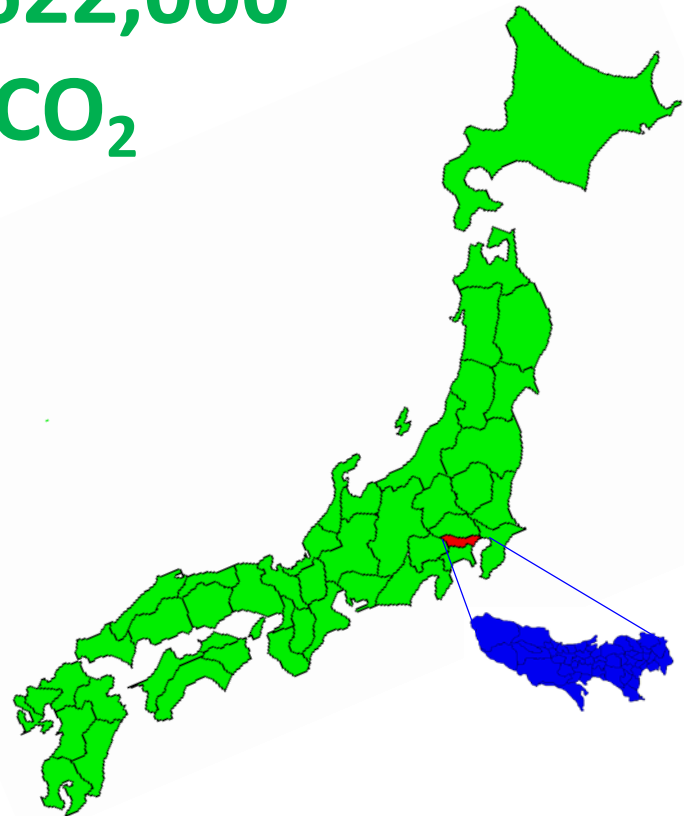


1.5°Cへの挑戦
A Sustainability and Resilience
Strategy pursuing 1.5°C

Profile of Tokyo

Area: **2,194 km²**
Population: **13.85 million**
GDP: **995 billion USD**
Number of Enterprises: **622,000**
GHG: **64.82 Mt-CO₂**

Upcoming
Tokyo 2020 Games



Sustainable Recovery

- In the recovery from the COVID-19 pandemic, What is important is To promote a **Sustainable Recovery** While dealing with a climate crisis By realizing a sustainable way of life for people



Zero Emission Tokyo Strategy

- Formulation of the **Zero Emission Tokyo Strategy** in December 2019
 - ✓ Announce the **Declaration of Tokyo's Climate Crisis Mobilization** to help recognize the climate crisis and take concrete actions
 - ✓ Clarify a **roadmap** and specific **actions** to achieve **net zero CO₂ emissions by 2050**



The **new “normal”** changes the usage of energy, increases the use of single-use plastics, and causes shifts in the transportation of people and forms of logistics

Upgrade environmental initiatives from the perspective of Sustainable Recovery

Making Renewable Energy a Major Energy Source

- Decarbonization of energy is essential to realizing a Zero Emission Tokyo
 - ✓ Efforts for 100% renewable energy at TMG Building
 - ✓ TMG Power Plan
 - ✓ Self-Consumption Plan
 - ✓ Campaign for group buying of renewable power



Expanding the Use of Hydrogen Energy

- Hydrogen energy is an important factor in realizing a decarbonized society
- ✓ **Promote the understanding and increased use of hydrogen**
- ✓ **Promote the development of technology and utilization of CO₂-free hydrogen**
- ✓ **Expand infrastructure and demand for hydrogen**
- ✓ **Effective use of hydrogen spurred on by the Tokyo 2020 Games**




Photo courtesy of Honda Motor Co., Ltd.



Photo courtesy of Bureau of Transportation, Tokyo Metropolitan Government

Promoting Energy Efficiency

- The COVID-19 crisis has significantly changed the usage of energy
- Changes in energy consumption at home due to longer hours spent at home, air conditioning while ventilating, or other reasons
- ✓ **Encourage switching to energy efficient home appliances**
 - Started last October
 - Zero emission points are given upon switching to more energy efficient air conditioners, refrigerators, and water heaters

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- ✓ Reduce CO₂ emissions that will increase in the post COVID-19 era
 - ✓ Revitalize the economy through energy efficiency investments



Circular Use of Plastics

■ Promote 3Rs toward net zero CO₂

✓ Promote closed-loop recycling

Bottle-to-Bottle Tokyo Project



✓ Support creation of new business models



Cooperating with Various Actors

- It is essential to call for the cooperation of Tokyo residents, businesses, and organizations to ensure their understanding, and continue to mobilize all players against the climate crisis

- ✓ **Alliance with advanced businesses, NGOs, and local governments**

- ✓ **Outreach to individual Tokyo residents**



Team Mottainai "too precious to waste"

- ✓ **International cooperation**

Cooperate with ICLEI, C40, and other international organizations
Cooperate with Asian cities, including Kuala Lumpur for the energy efficiency of buildings

Together, for Our Future

Tokyo

