

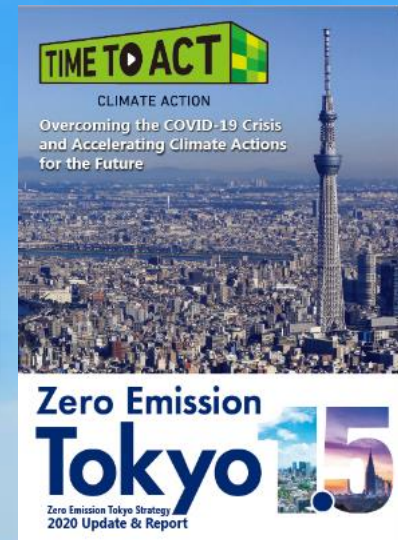
8 August 2023, 10:30-12:00 (MYT), 11:30-13:00 (JST)

High Level Talks on Collaborations towards Zero Carbon Kuala Lumpur



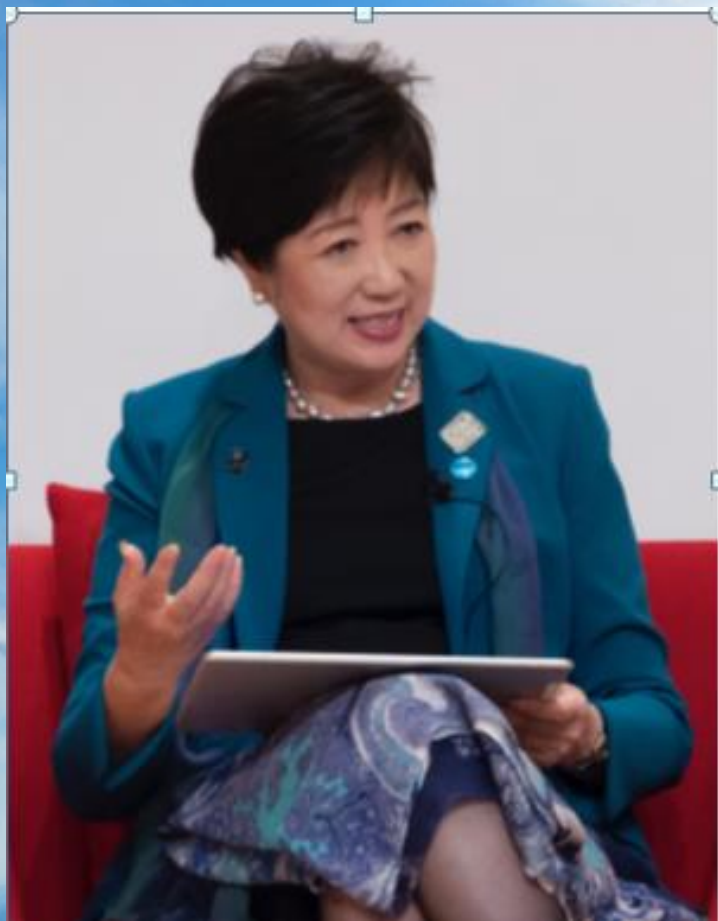
Tokyo Initiatives for Achieving Zero Emission

-Fast Forward to
"Carbon Half" by 2030



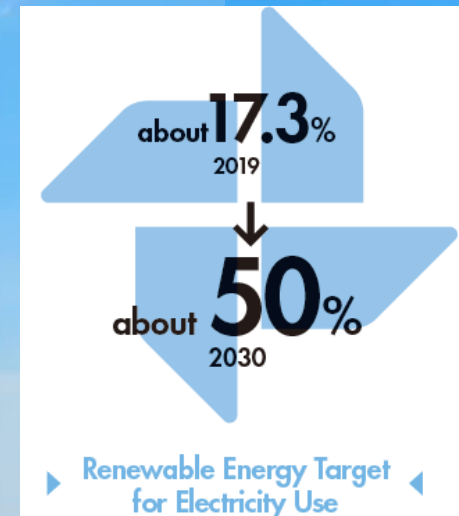
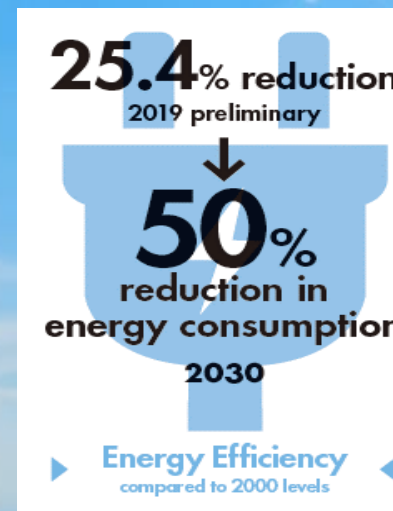
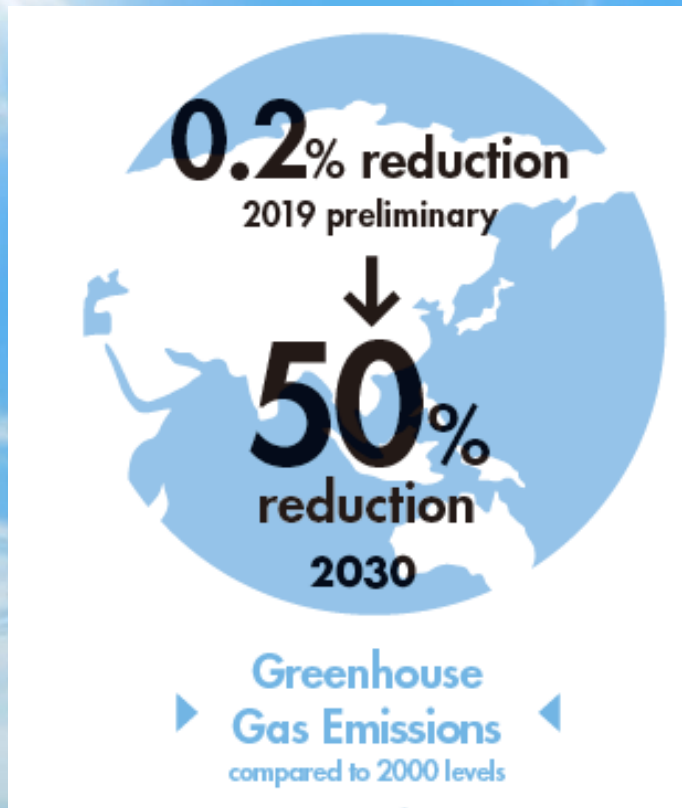
 Toshiko CHIBA
Bureau of Environment
Tokyo Metropolitan Government

Tokyo



Yuriko Koike,
Governor of Tokyo

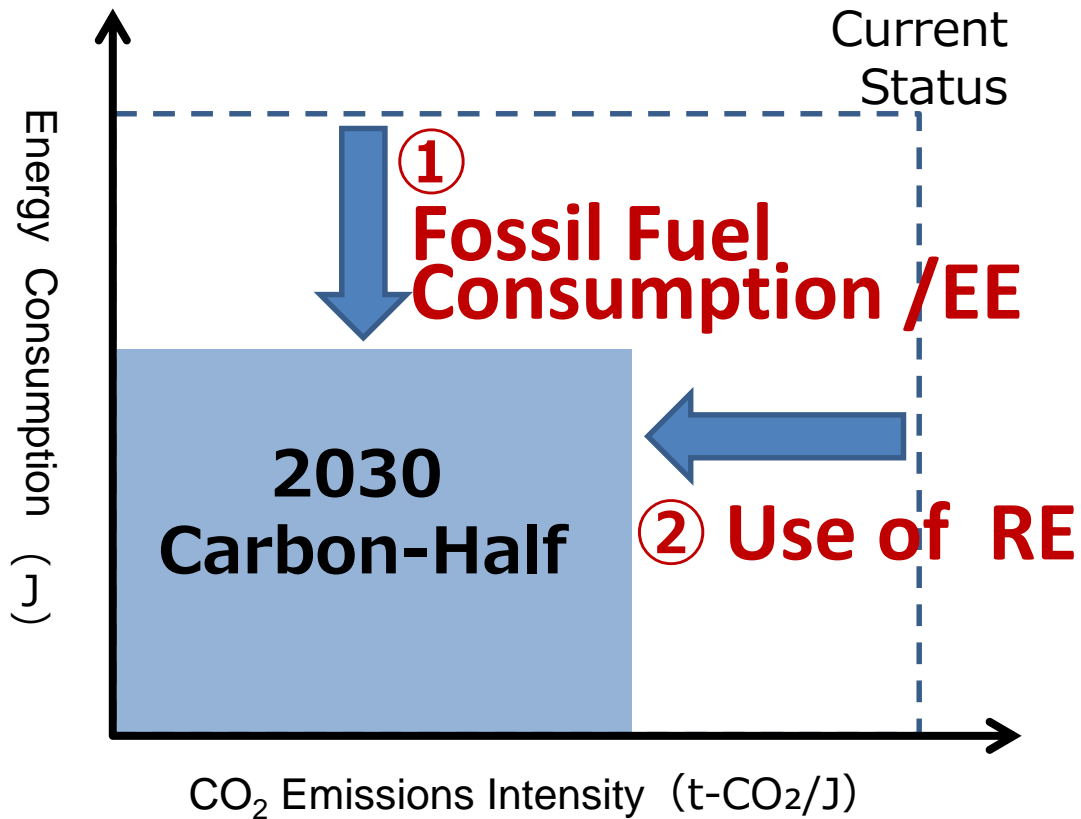
2030 GOALS



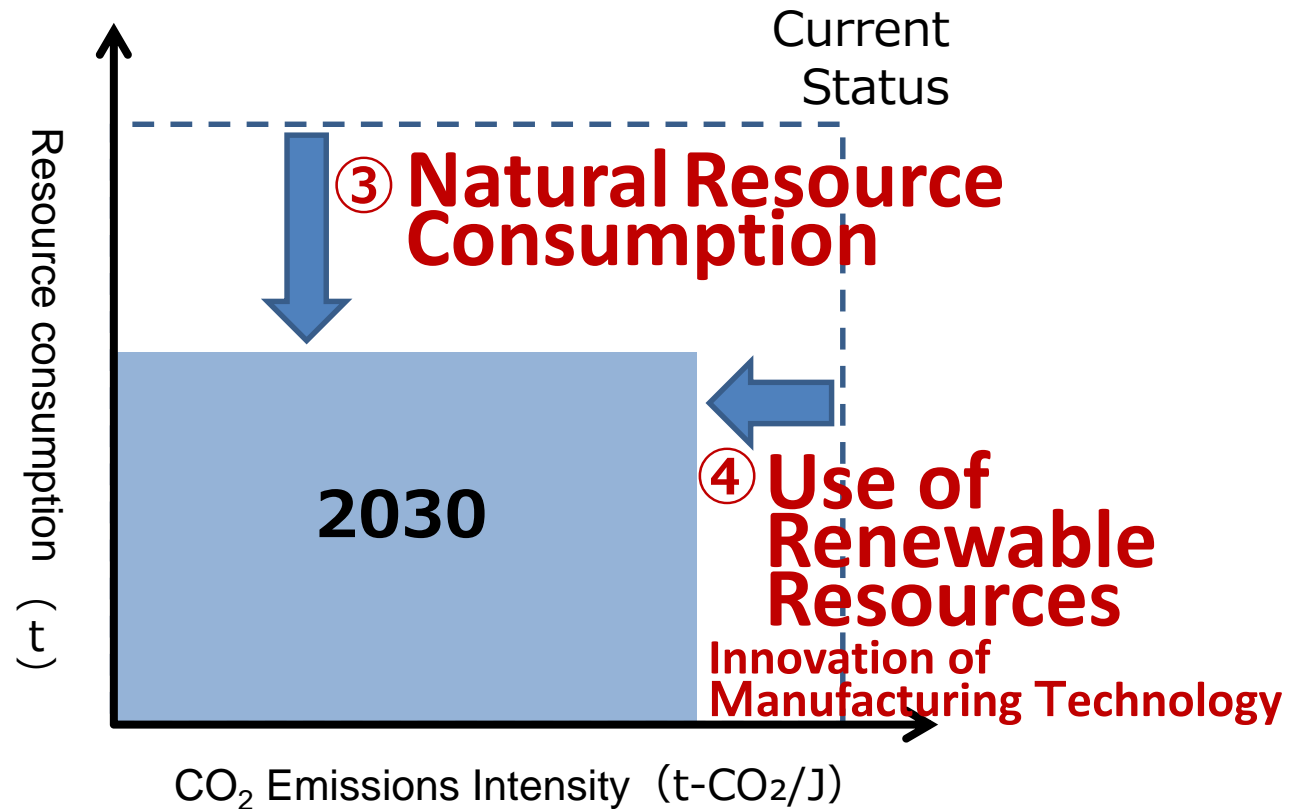
Basic Concept of "2030 Carbon-Half"

- ✓ Now until 2030 : Crucial period for establishing the building blocks needed to achieve significant reductions from 2030 to 2050

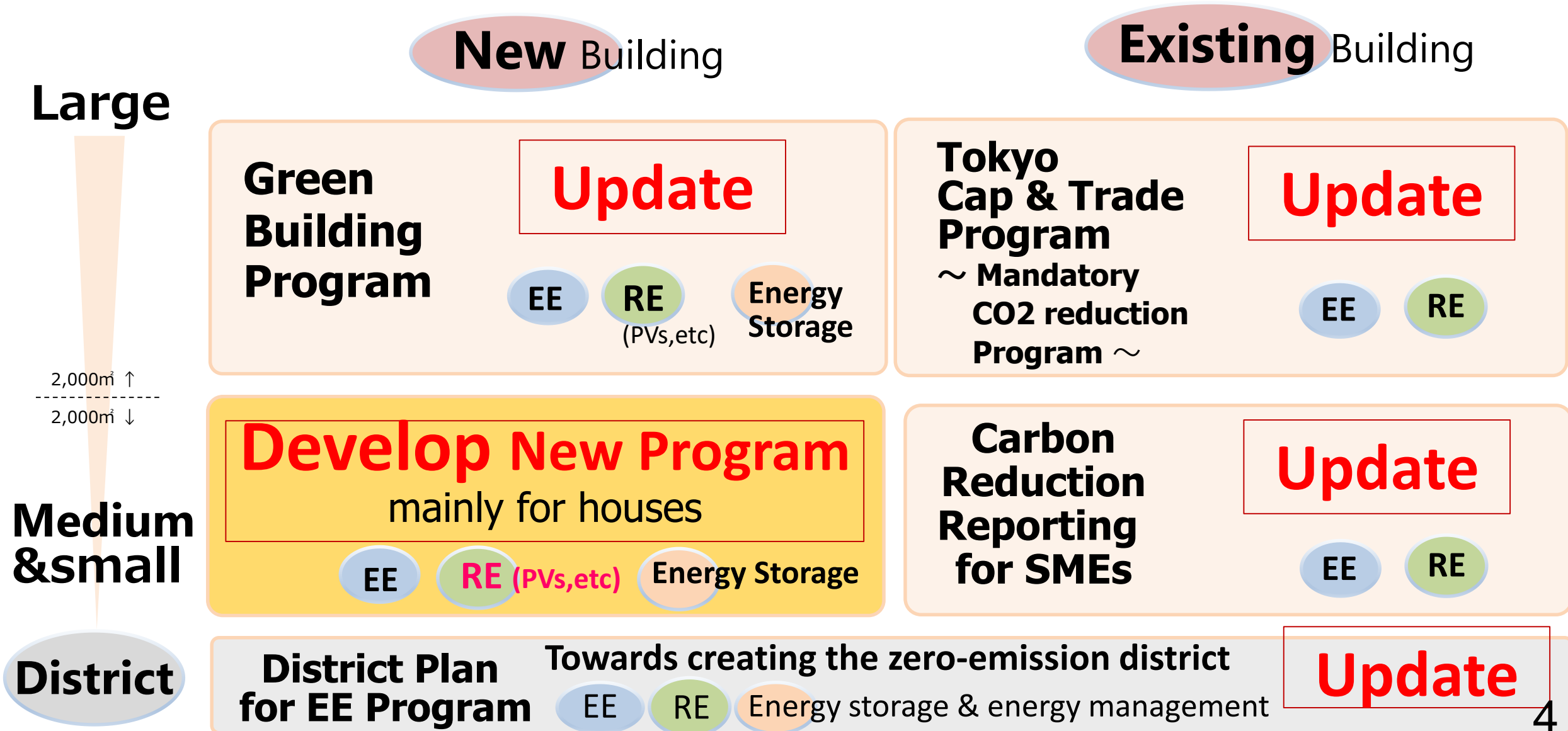
Reduce GHG emissions in Tokyo



Contribute to reducing GHG emissions in other regions



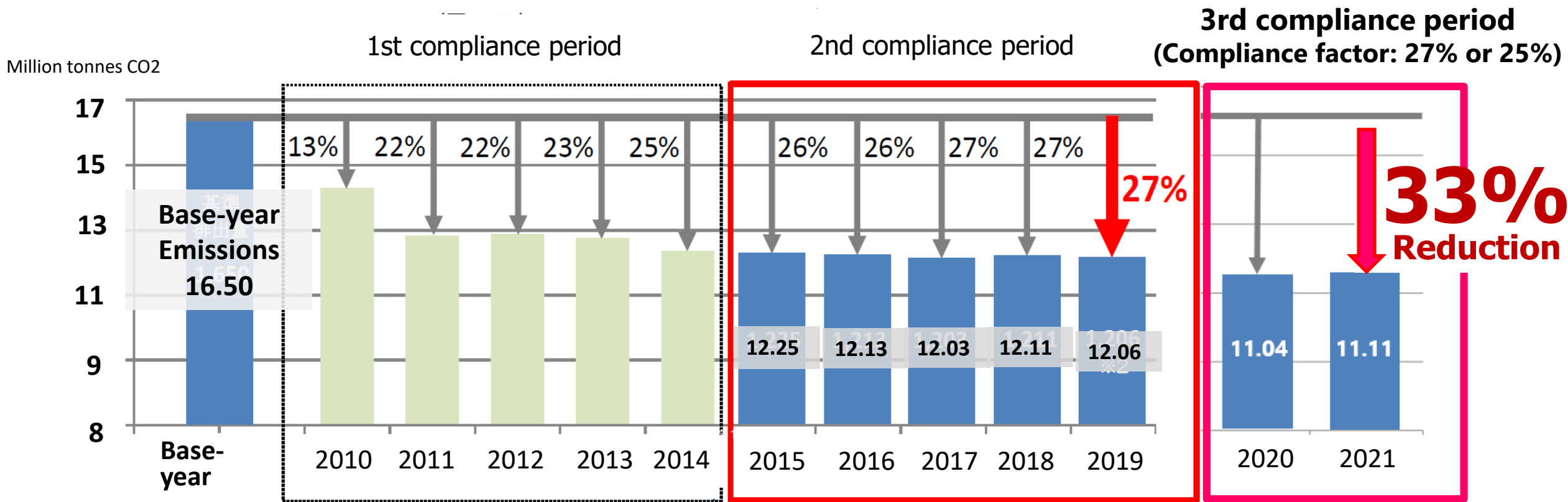
Direction of Strengthening Each Programs on Buildings **by Tokyo Ordinance**



Tokyo Cap-and-Trade Program

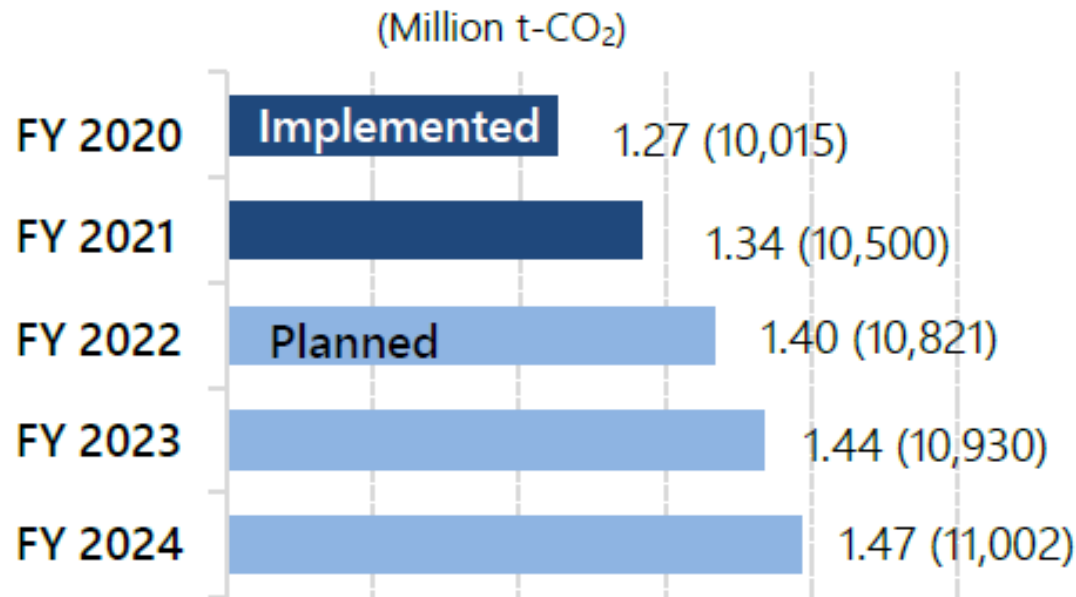
• Mandatory CO2 reduction program for Large-sized Existing Buildings

*Launched in 2010 by Tokyo ordinance



Tokyo Cap-and-Trade Program

Implementation and Planning of Measures

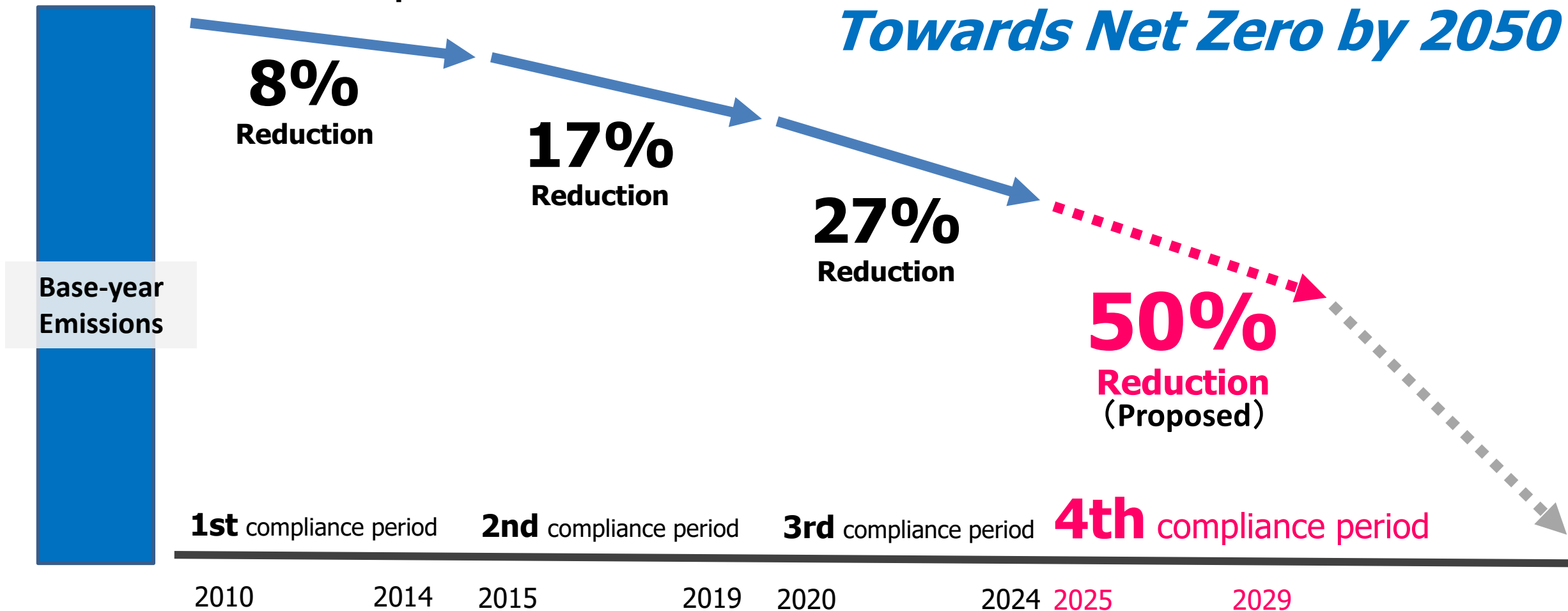


Top 3 Planned Measures

Measures	Estimated reduction (tonnes)
Installation of high-efficiency lighting and energy saving control	177,390
Installation of high-efficiency heat source equipment	152,858
Installation of high-efficiency air conditioning equipment	38,651

Tokyo Cap-and-Trade Program

• **Reduction Obligation Level** for Office and Commercial Building
(Compliance factor)

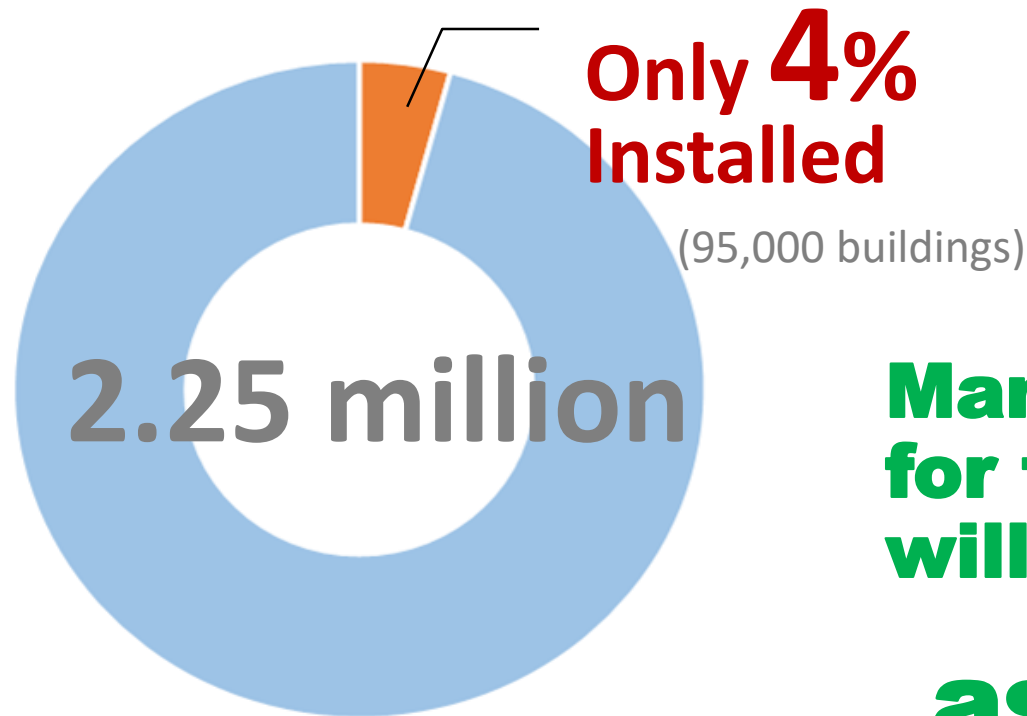


Develop New Program for houses

- **Installation Mandate for Solar Panels**

~ Utilizing the Full Potential of Tokyo's Rooftops

Buildings with solar panel installation potential



Mandate for the solar panel installation will come into effect

as of April 2025

Integrated Promotion of Decarbonization and Energy Security

Reduce energy
consumption
(Improvement
Energy Efficiency)

Generate renewable power,
Store and **use** power

Building
(incl. house)

District
(ex, creating
the zero-emission district)

Benefits of the Tokyo itself

C40 Cites Bloomberg Philanthropies Awards!



Building a Climate Movement

Tokyo / Kuala Lumpur

Global North and South collaboration to decarbonise the building sector





Toward a Zero Emission

Tokyo & KL & Saitama-City

