



# Yokohama City's actions to address climate change

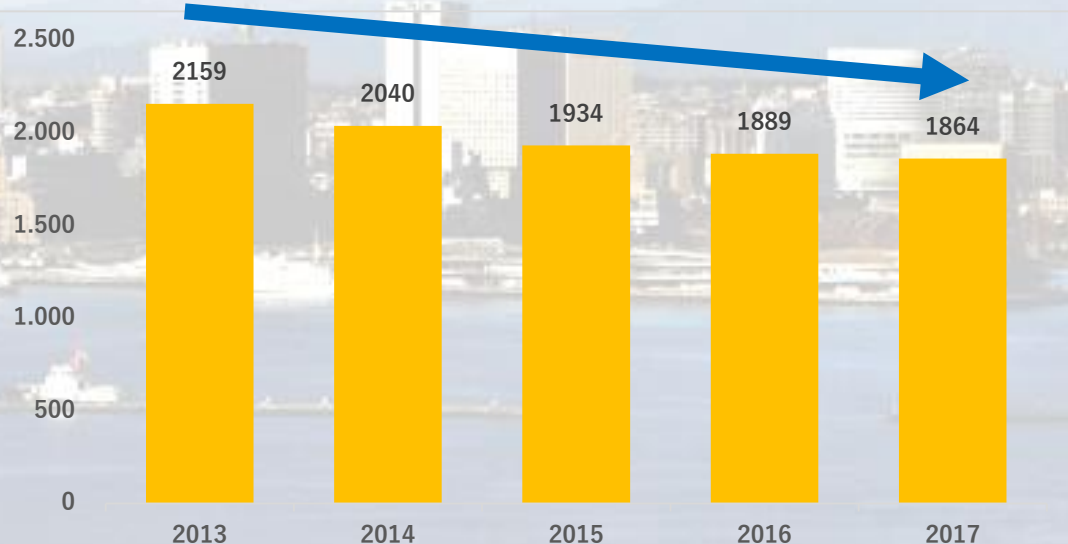
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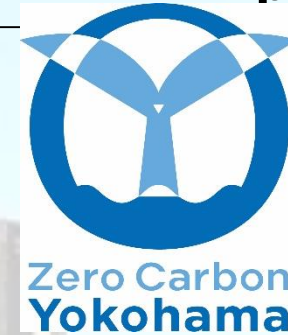
# Yokohama City's Basic information

- Population **3.74 million**
- Households **1.70 million**
- No. establishments **120 thousand**

## GHG emissions are declining



## Global warming countermeasures implementation plan



横浜市は目指しています

2050年までの  
**脱炭素化**

- Plan that sets a basic direction for reducing greenhouse gases in the entire city of Yokohama (formulated in 2013)
- Revised the plan in 2018 based on global trends after the adoption of the Paris Agreement and SDGs
- The goal of the city's global warming countermeasures is to achieve zero greenhouse gas emissions **by 2050 (Zero Carbon Yokohama)**.
- Positioned in regional climate change adaptation plans under the Climate Change Adaptation Act

# Yokohama City's inter-regional cooperation efforts

- Yokohama City's renewable energy potential... 11%.  
⇒At the same time as developing the city's power supply. Supply from outside the city is essential.

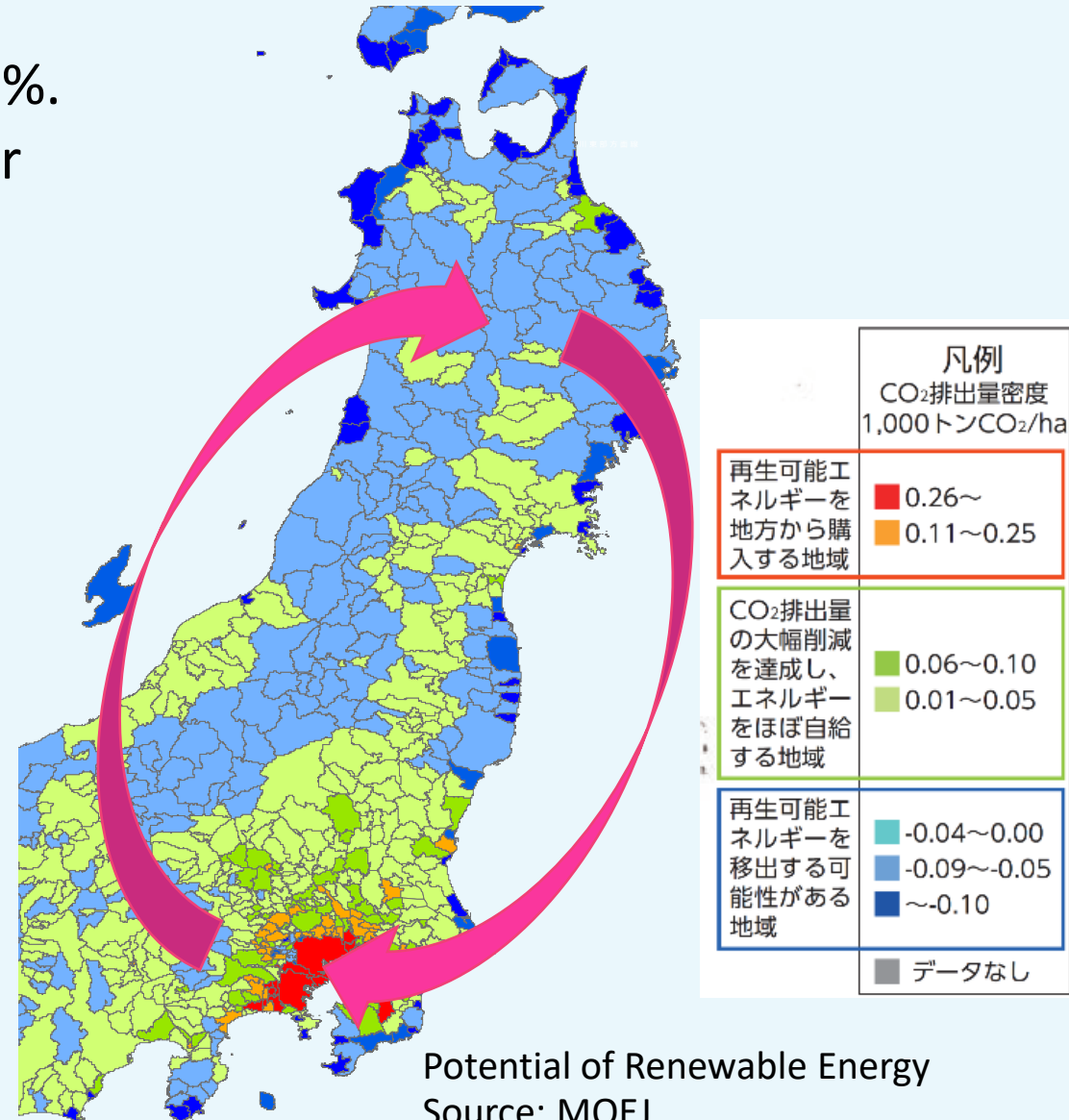


## ■ Inter-regional cooperation centered on renewable energy

Supplying renewable energy to the city area in partnership with communities with abundant renewable energy.

Aiming to form a regional circular symbiotic zone through a virtuous cycle of the economy including renewable energy and environmental values through wide-area cooperation with Yokohama City.

18 companies in Yokohama City are using electricity generated at a wind power plant in Yokohama-cho, Aomori Prefecture



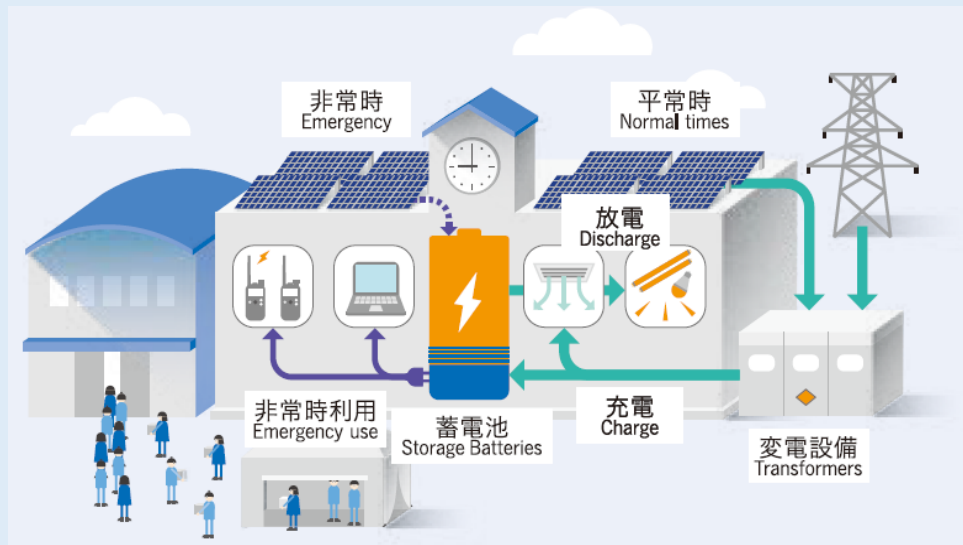


## 2010~2014 Demonstration

Collaborated with 34 of Japan's leading energy-related businesses, electric equipment manufacturers, and construction companies to introduce a system to optimize the balance of energy supply and demand in existing urban areas.

	HEMS	Solar Panels	Electric vehicles	CO2 emissions reduction	CO2 reduction rate
Introduction results	4,200 u.	37MW	2,300 u.	39,000 tons	29%
Introduction goals	4,000 u.	27MW	2,000 u.	30,000 tons	25%

## 2015~ Implementation



Established "Yokohama Smart Business Council (YSBA)", a new public-private partnership organization.

Aiming to become an energy-recycling city with excellent environmental, disaster-prevention and economic performance.

The project to build a virtual power plant (VPP) began in FY2016.

# International Cooperation





## Supporting the development of the Bangkok Climate Change Master Plan

In cooperation with JICA, we assisted the Bangkok Metropolitan Administration in developing a climate change master plan and implementing it.

In the future, we aim to deploy low-carbon technologies by infrastructure companies in the city.



## ■ A big blow to the city's economy

Significant reduction in city tax revenue, reduction in tourism and MICE, etc.



## ■ Strengthening measures against infectious diseases and realizing economic revitalization

We have prepared a supplementary budget and are promoting "living and economic measures" totaling about 610 billion yen.

Aiming for a long-term economic boom in the city after the cessation of operations, we will work on the recovery of tourism and MICE to ensure the sustainable development of Yokohama and the improvement of its international competitiveness.



# Establishment of the “SDGs biz support fund”



## Summary

- Implemented as an initiative toward the realization of SDGs and SDGs future city, Yokohama
- To support the challenges in solving local problems, the city will subsidize new initiatives that will help adapt to new ways of living and move forward into the future.  
(Subsidy rate: within 1/2 of eligible expenses; subsidy limit: up to 2 million yen)



As an SDG FutureCity, we aim at achieving a "virtuous cycle between the environment and the economy".



SDGs未来都市・横浜





## Video message from the Mayor at the “Online Ministerial Meeting” on Climate Change to inform the public about measures taken to combat global warming in the wake of the Corona Disaster (video message)

### 【Summary】

Date: September 3, 2020 (20:00-23:30)

Organizer: Sponsored by Ministry of the Environment, with cooperation of UNFCCC

URL: <https://platform2020redesign.org/>

#### [Summary of transmission]

- Declared "Zero Carbon Yokohama" as a future city of SDGs
- Working on wide-area cooperation on renewable energy, blue carbon and YSCP in order to achieve this goal
- Today, about half of the world's population is said to live in cities, and as a Head working on the ground, I am confronting climate change and coronavirus.
- Let's collaborate with other nations and cities to tackle global challenges and to create a beautiful planet for the future!



# Thank you for your attention

<http://www.city.yokohama.lg.jp/ondan/>



Zero Carbon  
Yokohama



SUSTAINABLE DEVELOPMENT GOALS

世界を変えるための17の目標