

Application of Circulating and Ecological Sphere Concept for Challenges to Tackle Climate Change

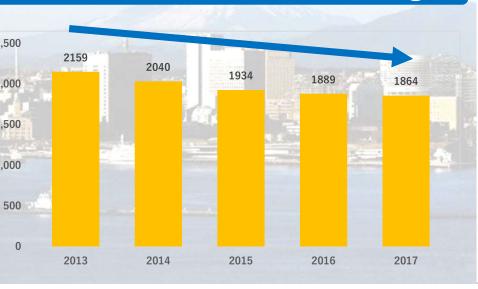
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Yokohama City's Basic information

- Population 3.77 million
- Households 1.78 million
- No. establishments 120 thousand

GHG emissions are declining





Yokohama's Global Warming Countermeasures



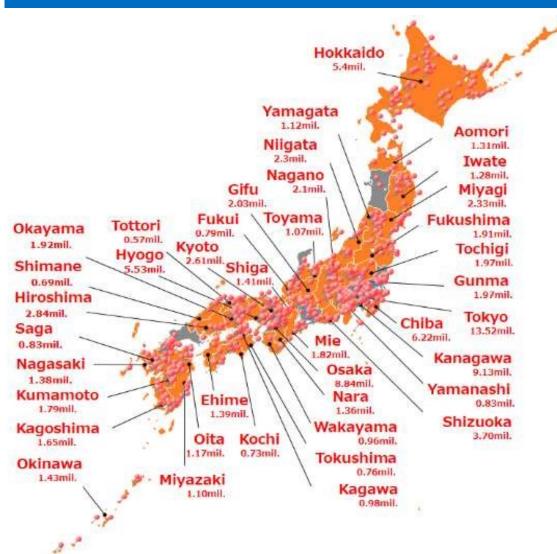
Yokohama City Action Plan for Global Warming Countermeasures

- 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 is to achieve carbon neutral by 2050 (Zero Carbon Yokohama).
- Positioned in regional climate change adaptation plans under the Climate Change Adaptation Act



2050 Zero Carbon Cities in Japan





- 702 local governments announced their commitment to net zero carbon emissions by 2050.
- These local governments represent 118 million people (93.4% of Japan's population).

Map of zero carbon cities

Orange-filled areas and Red text annotations: Prefectures
Pink berry pin:

cities/wards/towns/villages

As of March 31, 2022 Source: MOFJ

Council of Zero-carbon Municipalities





- Yokohama is participating as a member in a conference set up by the government to achieve zero carbon.
- In February, Yokohama launched a council of municipalities aiming for zero carbon. 229 municipalities are participating in this council.

Climate Change Policy of Japan

<National Action>

- Declaration of Carbon Neutral by Prime Minister
- The target of 46 % reduction by fiscal year (FY) 2030 compared to FY 2013



<Yokohama City Action>

Revision of Yokohama City Action Plan
is now under discussion
with the target of 50 % reduction
by FY 2030 compared to FY 2013



Decarbonization Leading Areas

Minatomirai 21 in Yokohama city, which has decarbonization plan with public-private partnership in urban area, was selected as the Decarbonization Leading Areas .



Yokohama City's inter-regional cooperation efforts



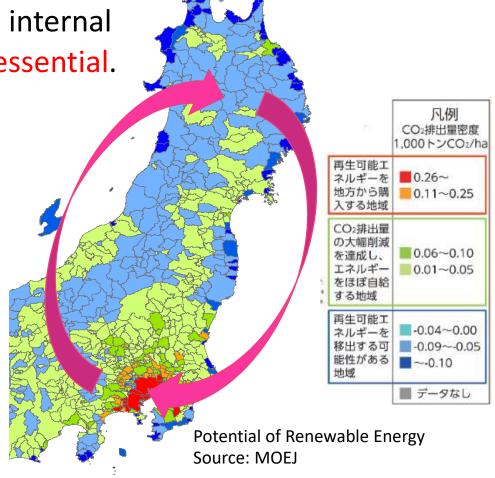
■ Yokohama City's renewable energy potential... 11%.

⇒At the same time as developing the city's internal

power supply, supply from outside the city is essential.

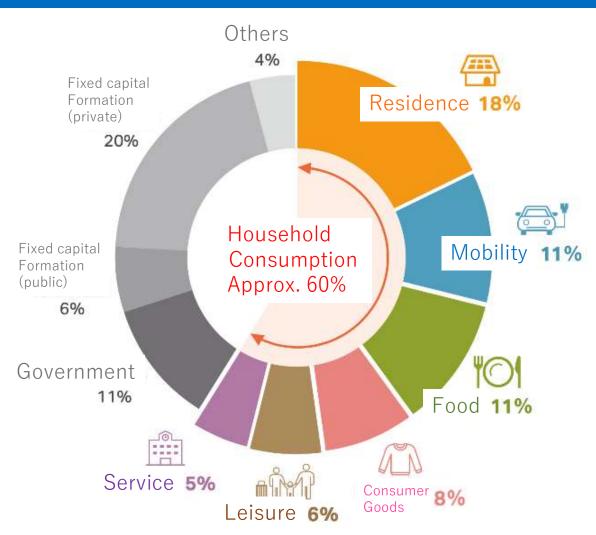






Carbon Footprint on Consumption Basis in Japan





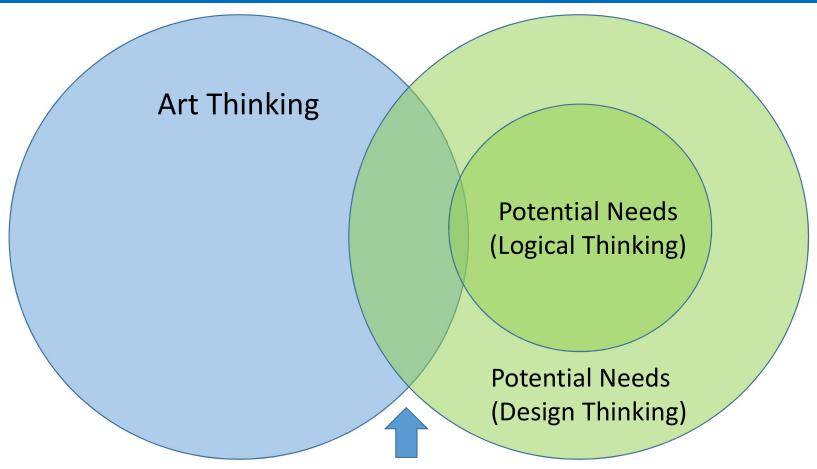
Lifestyle Innovation is essential for carbon neutrality besides energy conservation and renewable energy production.

Source:

National Institute for Environmental Studies https://lifestyle.nies.go.jp/ (in Japanese)

How to make our climate-friendly lifestyle attractive and acceptable





Sweet Spot For new business Source:

Relationship between logical thinking, design thinking and art thinking (Shogo Nagai) Newspicks.com (in Japanese)

Lifestyle-Related Innovation



- CoolBiz comfortable working style
- · Prius, Tesla cool style
- Sharing services convenience style (cycling, umbrella, food just before the expiration date)

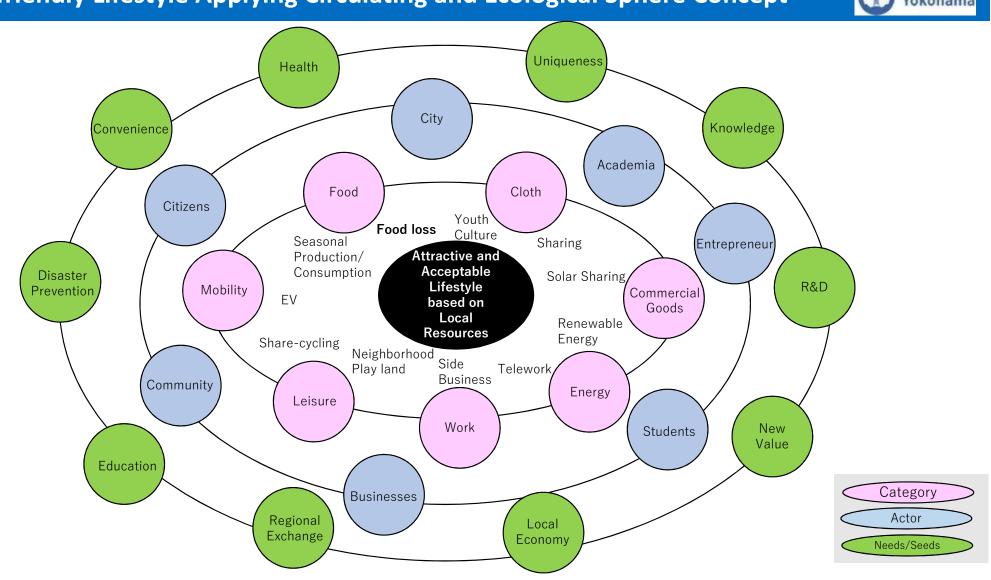






Climate-friendly Lifestyle Applying Circulating and Ecological Sphere Concept





Hope to Work Together to Make Carbon Neutrality True with Synergies between the Paris Agreement and the 2030 Agenda for Sustainable Development

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

