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KAWASAKI 100th

The 20th Kawasaki International Eco-Business Forum

Kawasaki City's Initiatives to Promote Decarbonizing Management

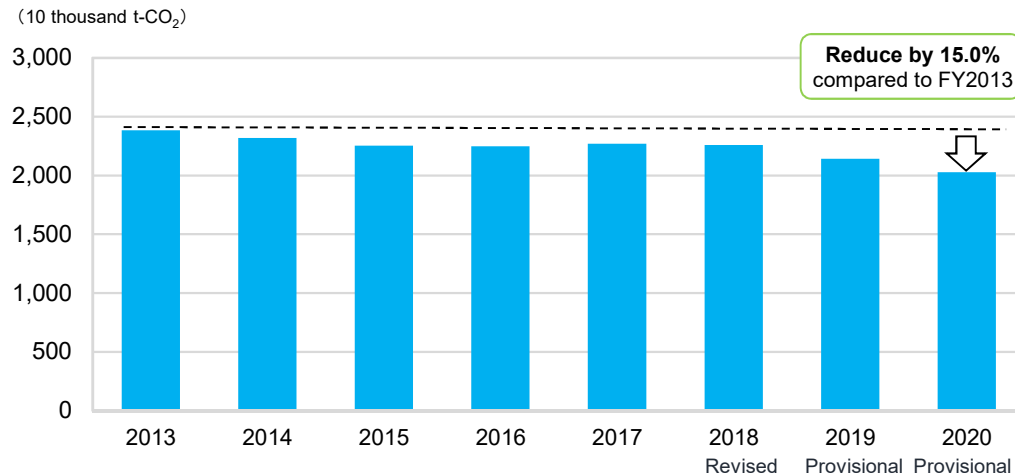
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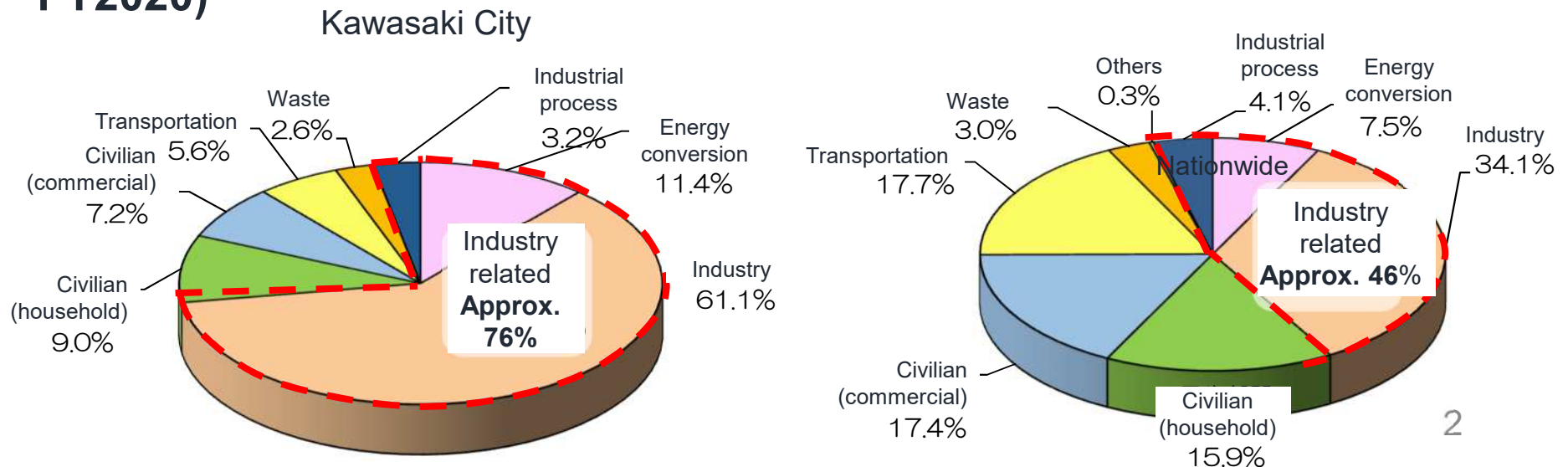
Greenhouse Gas Emissions in Kawasaki City

● Greenhouse gas emissions in the city region



Emissions (provisional figures) in FY2020 were **20.26 million t-CO₂**
 *-15% compared to FY2013

● Sectoral Composition of CO₂ Emissions (provisional figures for FY2020)



Basic Plans to Promote Kawasaki City's Global Climate Change Mitigation

Future Vision

Aiming for a net of zero emissions of greenhouse effect gases across the city in 2050

Target for 2030

City's overall target: Reduce by -50% (compared to FY2013)

<Respective target>

Civilian: Reduce by at least -45%,

Industry: Reduce by at least -50%

City Hall: Reduce by at least -50%

Renewable energy target: Introduce at least 0.33 million kW

The Big Five Projects

| No. | Project name | Major initiatives |
|-------------------------|--|---|
| PJ1 Renewable energy | PJ to promote the spread of renewable energy in the region by establishing a new platform with a regional energy company at its core | Establishment of a new platform with a regional energy company at its core |
| PJ2 Industry | PJ to promote carbon neutrality in coastal areas in Kawasaki and green innovation in the industry in the city | Promotion of initiatives based on the Kawasaki carbon neutral complex scheme , consideration of new assessment / support system for business operators |
| PJ3 Civilian | PJ to promote behavioral change of citizens and businesses and to accelerate the spread of renewable energy | Promotion of initiatives in the regions that lead the way in decarbonization , and consideration of mandatory systems for the introduction of renewable energy |
| PJ4 Transport | PJ to promote a next-generation automotive for decarbonization in the transportation | Consideration of preferential measures for expansion of EV/FCV stations |
| PJ5 City Hall | PJ for decarbonization of the public facilities, by introducing electricity derived from 100% renewable energy | Introduction of electricity derived from 100% renewable energy in all public facilities in the city by FY2030 |

Promotion of Decarbonizing Management (1)

● Business Activity Decarbonization Action Plan and Reporting System: enacted in April, 2024

Kawasaki City will **specify the assessment items** that contribute to the 2030 CO₂ reduction and the 2050 zero carbon, and require the relevant businesses to **submit action plans and reports**

Obligated businesses

- 1: **Businesses** that use **1,500kL** or more (crude oil equivalent) per year
- 2: **Businesses** and the **relevant chain business operators** that use **1,500kL** or more (crude oil equivalent) per year
- 3: Businesses that own **100 or more vehicles**
- 4: Businesses that emit **3,000t-CO₂** or more greenhouse effect gases other than CO₂

[Assessment axis (1)]

Achievement of FY2030 CO₂ emission goals

[Assessment axis (2)]

2050 Carbon neutral

Items to be included/assessed

Assessment items (1)

1. Emissions of greenhouse gases (only the most recent figures)
2. Emissions of greenhouse gases (including the past figures)
3. Energy saving
4. Renewable energy / electrification
5. Automotive

Assessment items (2)

6. Medium to long term goals/ innovation (including CO₂ reduction efforts across the business operator/ participation in the initiatives, and initiatives such as Scope 3)

Publication of assessment result

- The assessment result of the relevant business operators are put into a list and posted on the website for about three years

Simplified version

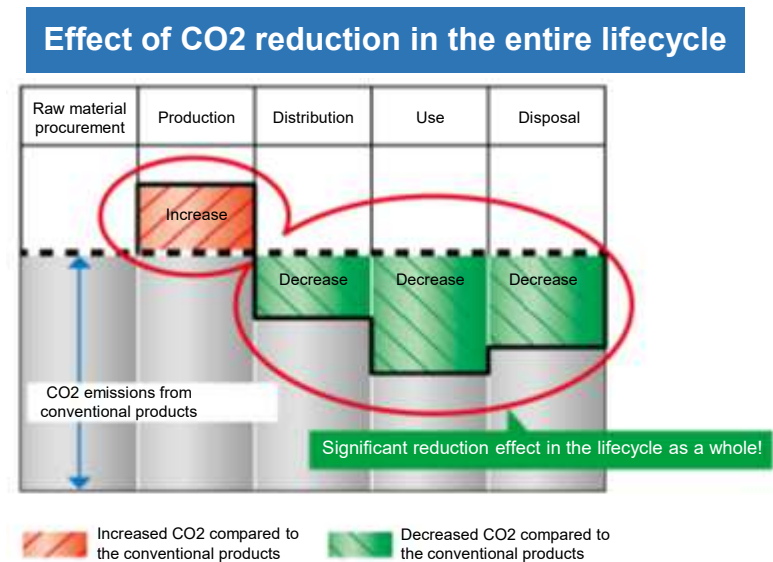
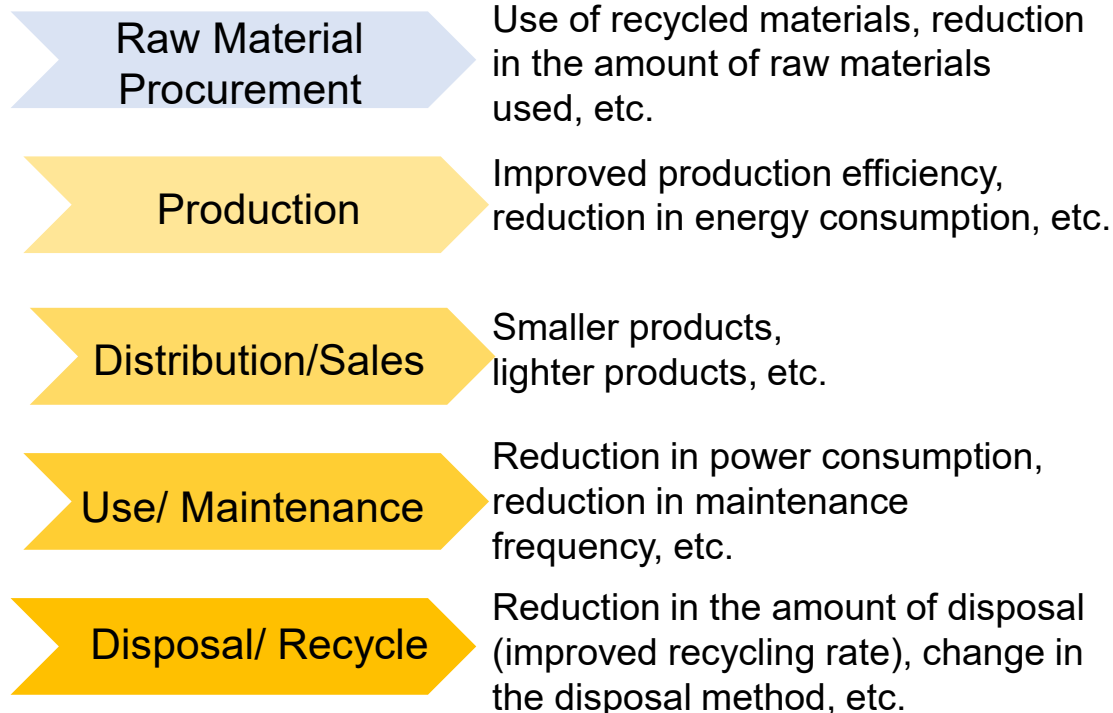
- Aiming to be the system that many business operators can use easily among the items, for example, by only requiring “CO₂ emissions reduction” and “Introduction of renewable energy/ electrification”.



● Kawasaki CN Brand

A system to certify “products/techniques” and “services” that contribute to CO2 reduction in the lifecycle

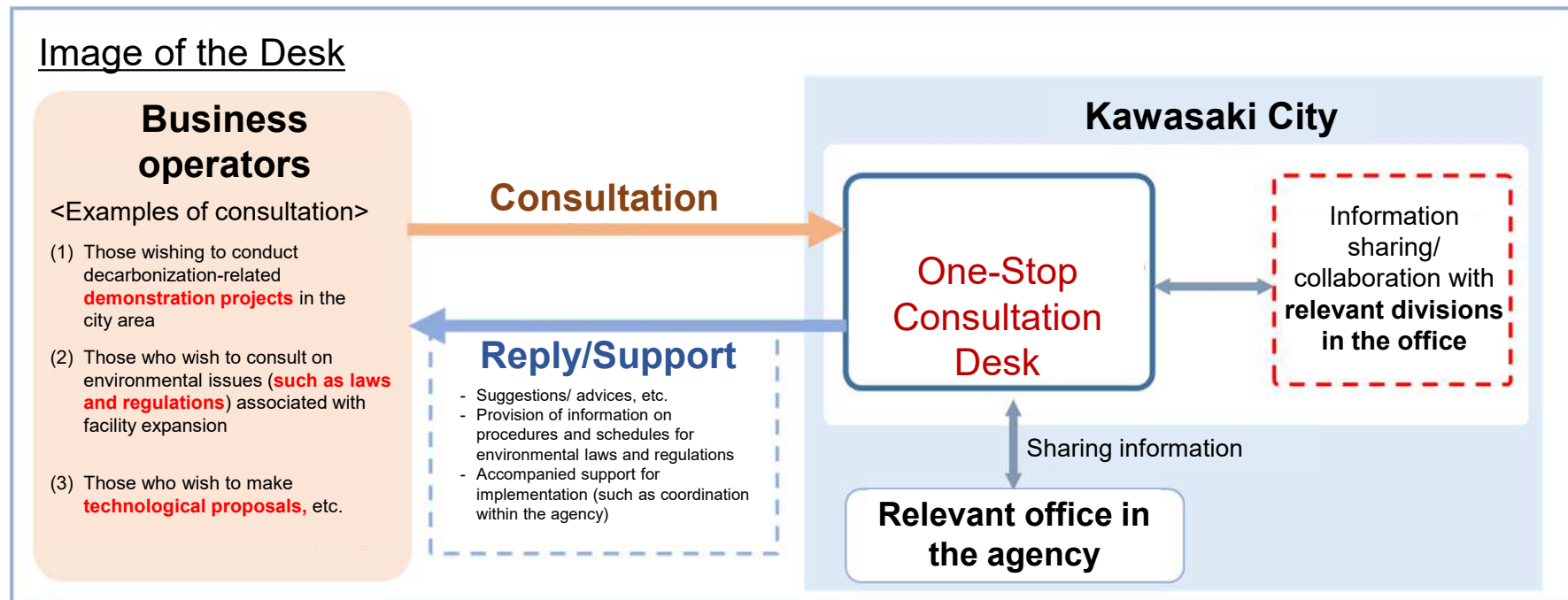
It was started in FY2009 as “Low CO₂ Kawasaki Brand” (126 items certified by FY2022), and was redesigned as “Kawasaki CN Brand” in FY2023



Promotion of Decarbonizing Management (3)

● One-stop consultation desk for environmental challenges for decarbonization: established in 2022

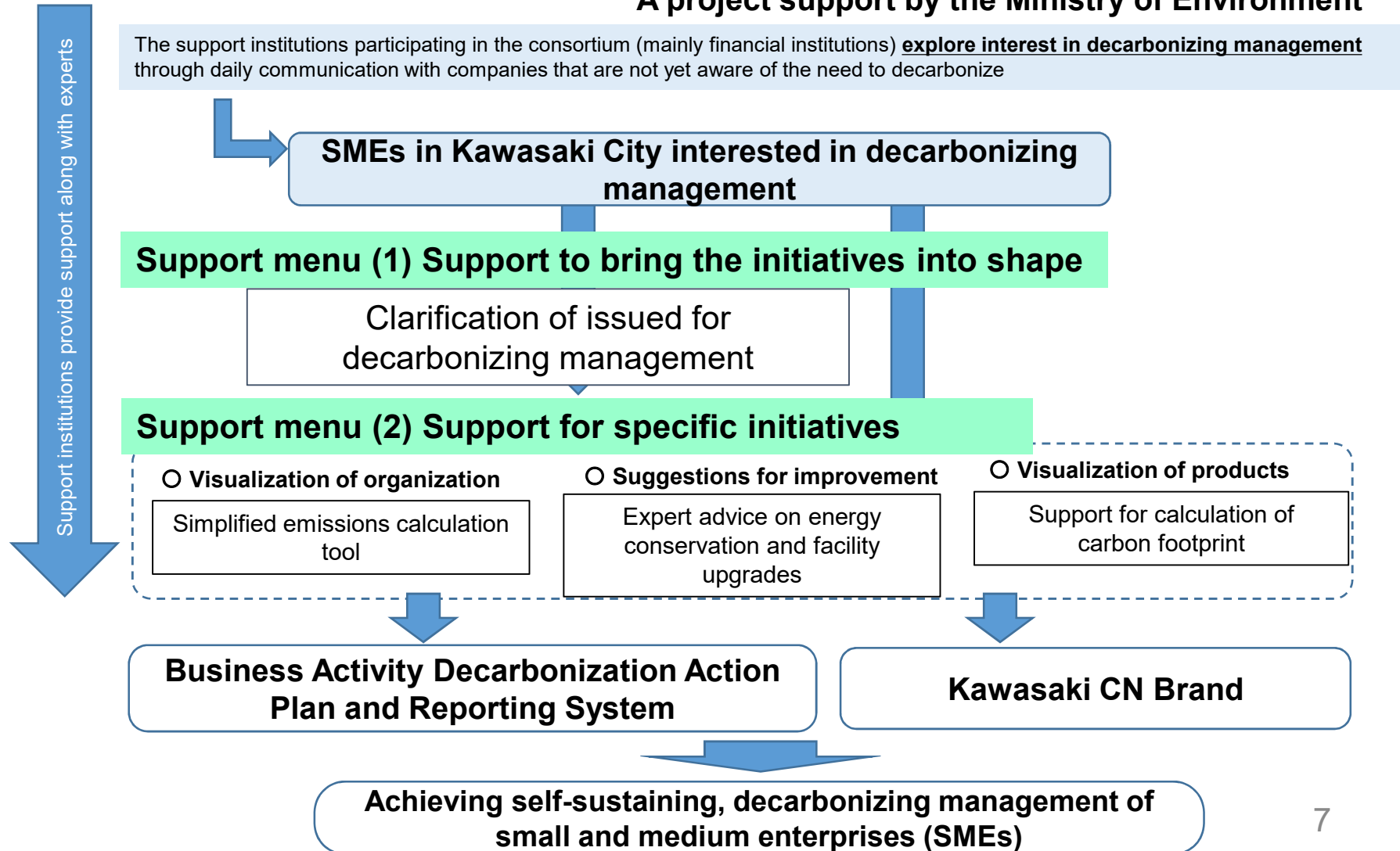
Established a one-stop consultation desk at the Decarbonization Strategy Promotion Office to accept all environmental questions and issues from businesses working to decarbonize their operations



Promotion of Decarbonizing Management (4)

● Kawasaki City Consortium for Decarbonization Formation Support: Established in September, 2023

* A project support by the Ministry of Environment





Thank you for your attention

Logo of Kawasaki Carbon Zero

Aiming for reach a net of zero CO₂ emissions

Leaves are an image of environmental concern



Two arrows express circulation of resources, energy and carbon

The “Kawasaki Carbon Zero” logo mark expresses the goal of a net zero CO₂ emissions by 2050. To realize a decarbonized society in 2050, it will be difficult just by extending current efforts, and it is necessary for each individual to take action to promote behavioral change in society and lead to technological innovation for decarbonization. Kawasaki City will continue to take on the challenge of creating a better future with its citizens and businesses.