



Colors, Future!

Colors (diversity) for the future.

Kawasaki City



# Kawasaki City's SDGs Future City Initiatives

**Kawasaki City**

**Planning and Coordination Division, Urban Policy  
Development, General Affairs and Planning Bureau**

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**Overview of Kawasaki City**

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Basic Goals for Community Development**

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**SDGs Future City Kawasaki: Initiatives**



**1**

## **Overview of Kawasaki City**



# About Kawasaki City

## ■ Geographic location



## ■ Basic statistics

- Area: 144.35km<sup>2</sup>
- Population: 1,529,790 people  
(as of Sep. 1, 2019)
- No. of households : 739,834  
(as of Sep. 1, 2019)



# ● Population of Kawasaki City

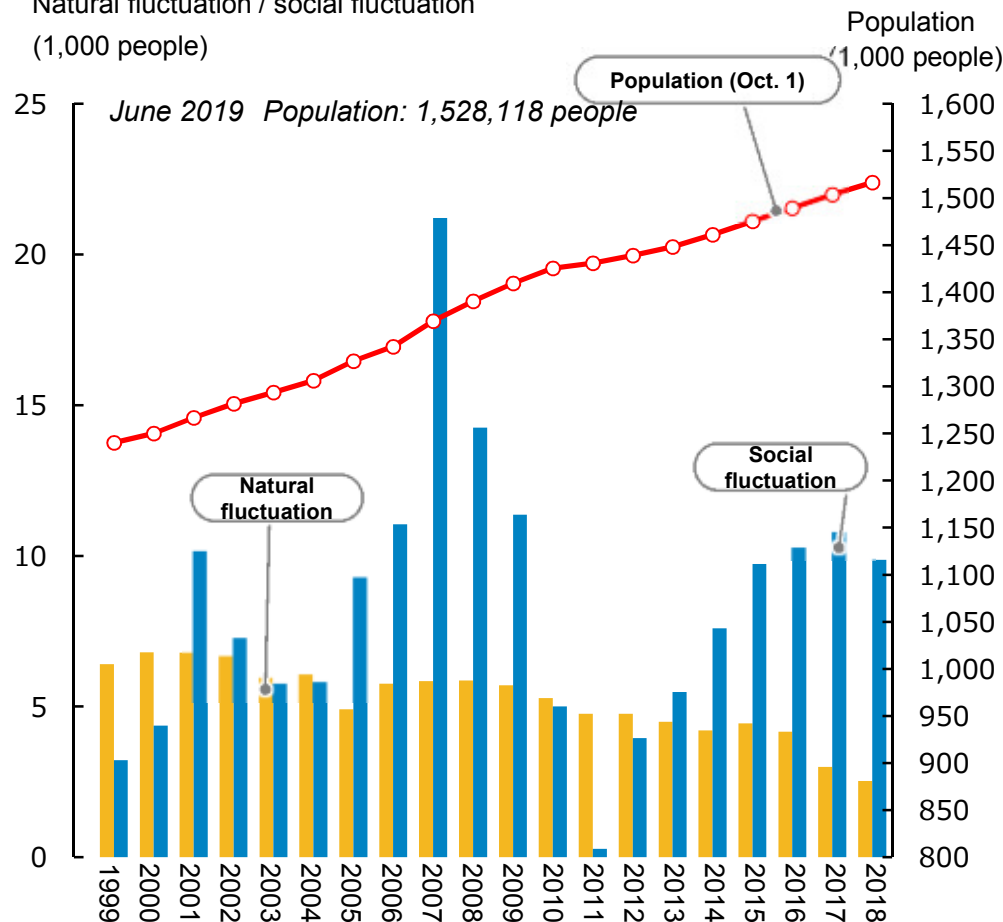
## Population Increase in Kawasaki Kawasaki, the City of Choice



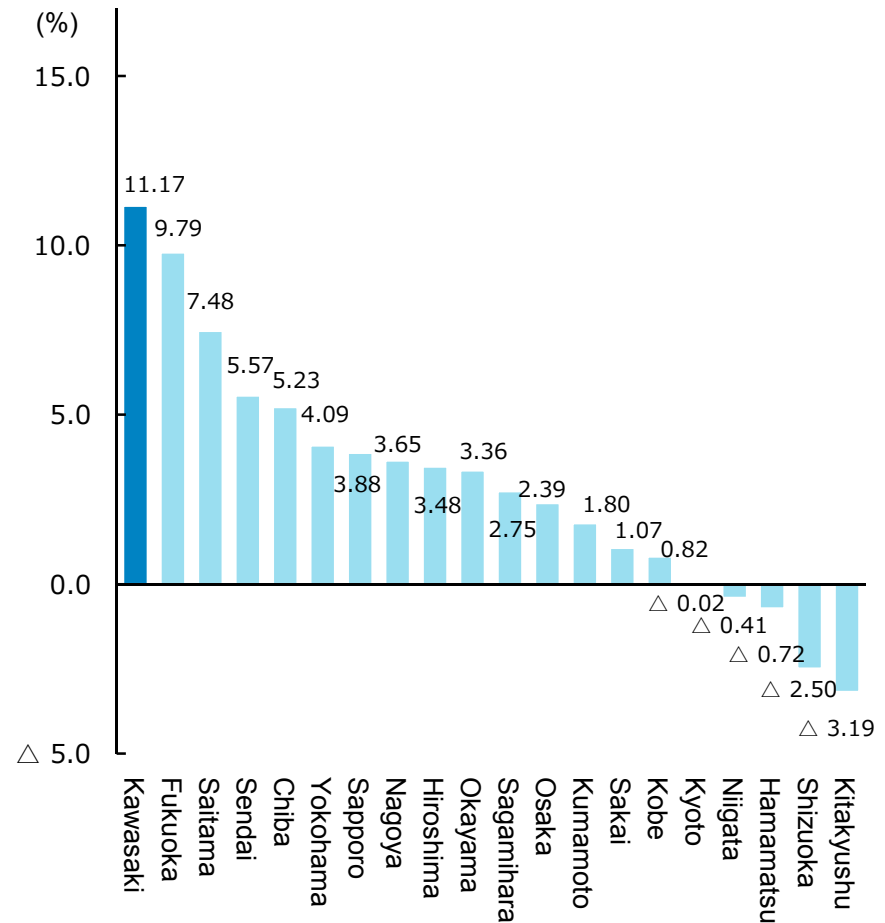
### Population / natural fluctuation / social fluctuation

In 2017, the city's population exceeds 1.5 million people  
Social growth has continued since 1999

Natural fluctuation / social fluctuation  
(1,000 people)



### Kawasaki's rate of population growth over a decade greatly exceeds that of other cities



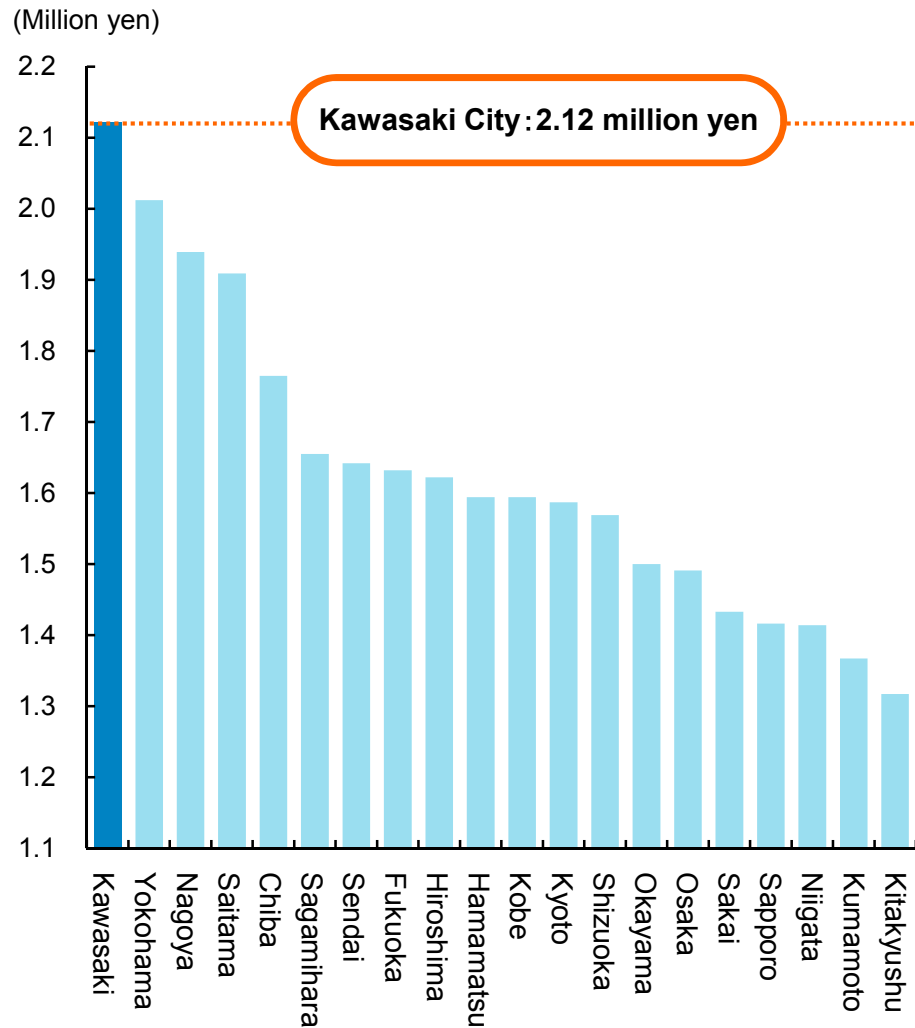
Source: Calculated by Kawasaki City based on the National Census of 2015  
Figures for the cities of Sagami-hara, Niigata, Shizuoka, Okayama and Kumamoto have been calculated using the populations of the current city areas to exclude the impacts of mergers and restructuring

# ● Population of Kawasaki City

## Amount of taxable income per person top among specified cities

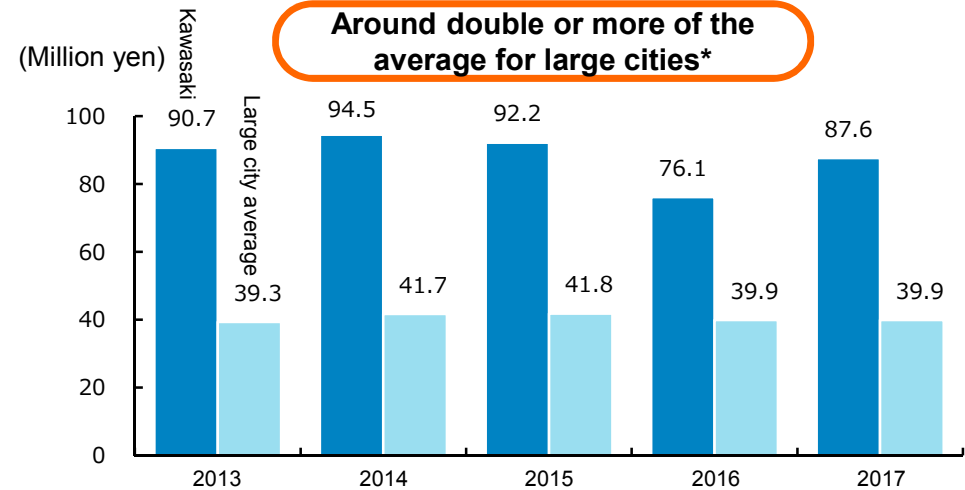


Amount of taxable income per person

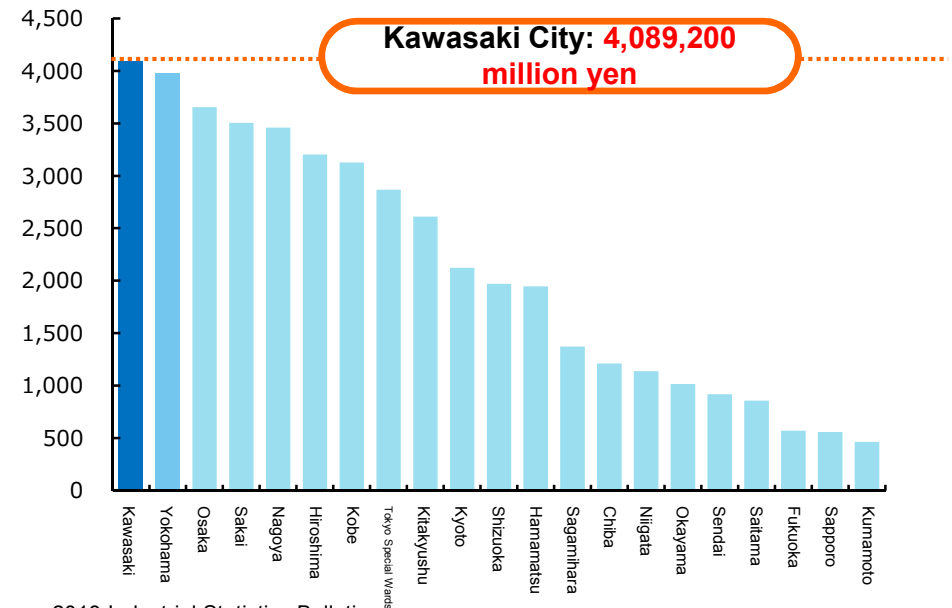


\*Calculated by Kawasaki City based on the status of inhabitant tax etc. levied in FY 2018

Value of shipments of manufactured goods etc. per worker (2017)



(Reference) Value of shipments of manufactured goods etc. (2017)



Source: 2018 Industrial Statistics Bulletin

\* Large cities = 20 cities designated by a government ordinance and the Special Wards of Tokyo

## **(1) Convenient transport and logistics**

- Close proximity to Haneda Airport
- Outstanding rail and bus networks
- Links with overseas via the Port of Kawasaki etc.

## **(2) Accumulation of cutting edge industries and research and development facilities**

- Approx. 400 research and development facilities
- Heavy chemical industry and basic materials industry in the littoral region, where high added value has been achieved
- Accumulation of companies and research facilities in the fields of life science and medicine centering on the Tonomachi area etc.

## **(3) Rich assortment of cultural and artistic resources etc.**

## **(4) Natural environment rich in water and greenery**



**2**

## **Kawasaki's Vision for the Future and Basic Goals for Community Development**



# (1) Kawasaki's Vision for the Future and Basic Goals for Community Development

## Vision for the Future

**Kawasaki, a city of sustainable happiness\*, striking a harmonious balance between growth and maturity**

## Basic Goals for Community Development

- **Creation of a safe and secure community**
- **Creation of a robust industrial city**

\* Under this vision, Kawasaki aims to be the happiest city in Japan, a place of unlimited joy for everyone.

## 5 Basic Policies

Community development that protects lives and enables people to live life to the full

Creation of a community that allows parents to raise their children in peace of mind

Creation of an environment that enriches the lives of citizens

Creation of a robust city that is filled with vitality and charm

Creation of a region where citizens have autonomy, a place where everyone can find a purpose in life

## Action Plan

Promotion of initiatives based on the Phase 2 Action Plan (FY 2018 – FY 2021)

# Kawasaki City's Policies for promoting the Sustainable Development Goals (SDGs)

## Kawasaki City Comprehensive Plan

### Vision for the Future

Kawasaki, a city of sustainable happiness, striking a harmonious balance between growth and maturity

### Basic Goals for Community Development

- Creation of a safe and secure community
- Creation of a robust industrial city

The Vision for the Future set out in the Kawasaki City Comprehensive Plan and the SDGs are moving in the same direction.

## Kawasaki City's Policies for promoting the Sustainable Development Goals (SDGs) Drawn up in Feb. 2019

### Basic concepts

- All municipal offices will united in undertaking initiatives which contribute to the achievement of the SDGs based on the promotion of the Comprehensive Plan.
- In addition to undertaking initiatives with a strong awareness of sustainable community development and the concept of not leaving anybody behind, Kawasaki City will collaborate with a diverse range of stakeholders with the aim of achieving harmony and integrated improvements from the three aspects of the economy, society and environment.

### Policies for promotion

- Reflect in the city's various plans, etc.
- Carry out initiatives in conjunction with those of the national government
- Seek to disseminate and raise awareness of the issues etc.

# Initiatives to become “SDGs Future City Kawasaki”

## ● July 1, 2019: Selected as an SDGs Future City

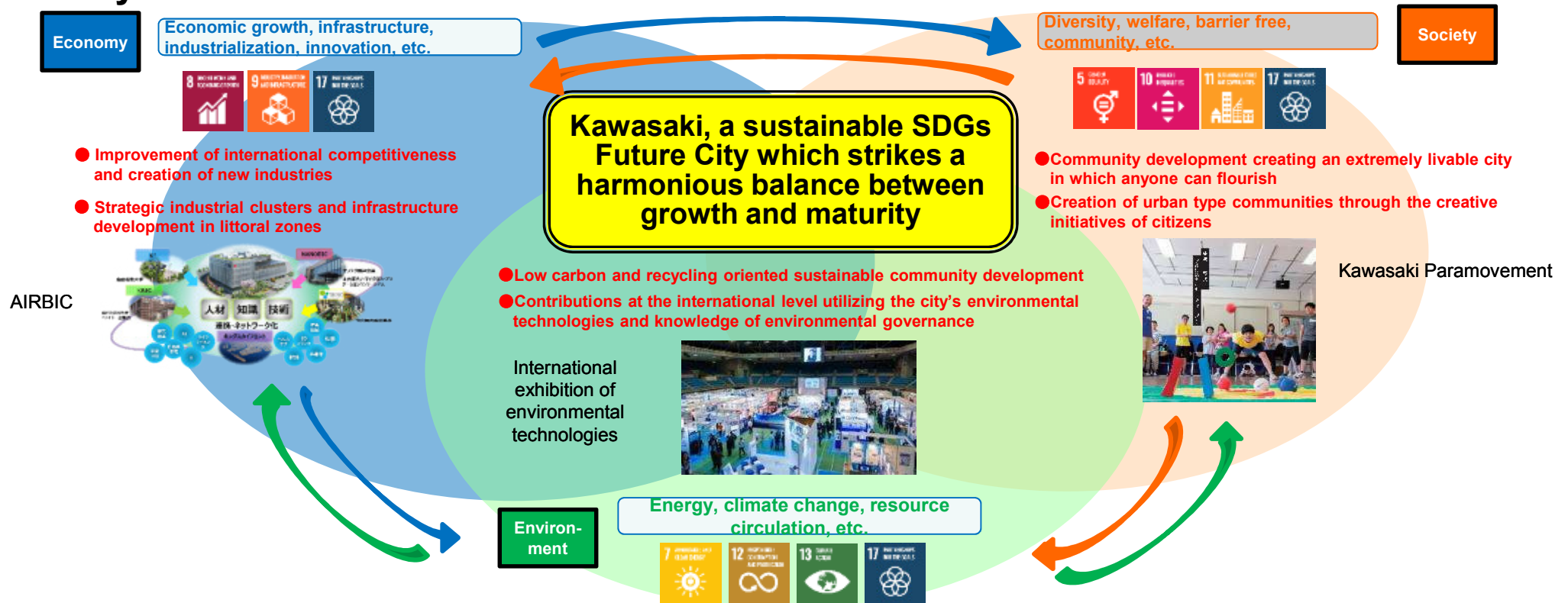
### What is an SDGs Future City?

Chosen from among cities and regions in Japan that are endeavoring to promote basic and comprehensive initiatives in line with the principles of SDGs, “SDGs Future City” status is awarded to those cities and regions which possess a particularly high amount of potential for achieving sustainable development through the creation of new values from the three aspects of the economy, society and environment.

SDGs Future City Presentation Ceremony for Certificates Held at the Prime Minister's Official Residence (July 1, 2019)



## ● Promotion of integrated initiatives which link the three aspects as SDGs Future City Kawasaki





**3**

## **SDGs Future City Kawasaki: Initiatives**

# SDGs Future City Kawasaki: Initiatives from Three Aspects

## ~ Environment ~

Recycling oriented sustainable community development founded on the perspective of “multi benefits,” in which measures to combat global warming also contribute to disaster prevention measures, health maintenance, etc.

Contributions to the international community utilizing Kawasaki’s cutting edge environmental technologies and knowledge of environmental governance



### (1) Low carbon and recycling oriented sustainable community development

#### ☆ Promotion of initiatives aimed at conserving the environment

- Kawasaki Council for the Promotion of Global Warming Countermeasures (CC Kawasaki Eco Council)
- Accumulation of environmental technologies which utilize Kawasaki’s characteristics and strengths
- Products accredited under the “Low CO2 Kawasaki Brand”
  - Market evaluation and business
- ⇒Help solve environmental problems of a global scale

#### ☆ Achievement of a hydrogen based society

- Kawasaki Littoral Area Hydrogen Network Council
- Leading projects
- <Construction of hydrogen supply chains>
  - Collaboration with companies located in the littoral areas of Kawasaki to bring hydrogen sourced from overseas to Kawasaki’s littoral areas for use here



#### ☆ Promotion of initiatives aimed at recycling oriented sustainable community development

- Measures to tackle food loss
- Reduction of waste volumes / promotion of recycling



Eco-chans (economy and environment)

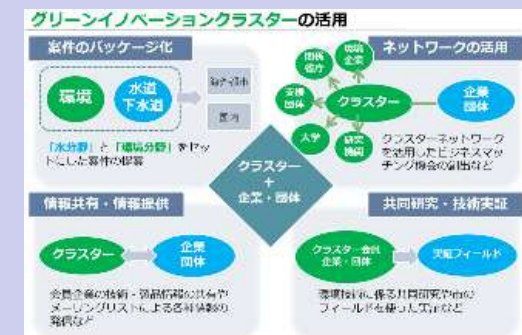
#### <Regional cyclical model for the local production and local consumption of hydrogen>

Supply and utilization of low carbon hydrogen created from used plastics via a pipeline to those who need it

### (2) Contributions at the international level utilizing the city’s environmental technologies and knowledge of environmental governance

#### ☆ Kawasaki Green Innovation Cluster

- Collaboration with UNEP (United Nations Environment Programme)
- Collaboration with JICA, etc.
- Transferal of advanced environmental technologies etc. to other countries in Asia
  - Promotion of green innovation from Kawasaki
- Utilization of external funding from sources such as the Joint Crediting Mechanism (JCM) and JICA, and the provision of environmental measures and technologies as a package





# Introduction of the First EV Waste Collection Truck in Japan

◎ This EV waste collection truck, developed by a company based in Kawasaki, is the first of its kind to be introduced in Japan. Kawasaki hopes that the introduction of this eco-friendly EV vehicle, which does not emit CO<sub>2</sub> or NOx, will serve as a model for similar initiatives to spread across Japan. As an environmentally-advanced city, Kawasaki will continue to find ways to help create a low carbon society.

## A joint venture with JFE Engineering Corporation

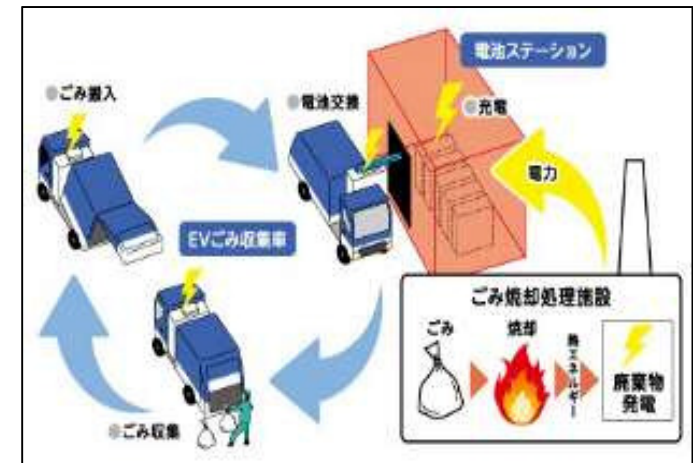
○ Introduction of an EV waste collection truck which utilizes waste power generation (battery exchange type) (introduced in Feb. 2019)



Announcement of vehicle's introduction (Feb, 7, 2019)



Announcement of vehicle's introduction (Feb, 7, 2019)



Energy recycling type waste collection system which utilizes waste power



EV waste collection truck and charging station



EV waste collection truck



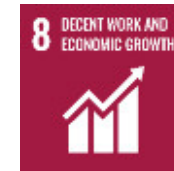
Charging station

# SDGs Future City Kawasaki: Initiatives from Three Aspects

~ Economy ~



Revitalization of the local economy by encouraging people to start up businesses, providing support for ventures, and improving the competitiveness of SMEs, as well as initiatives aimed at solving international issues and creating innovation which helps achieve sustainable long term growth for Japan



## (1) Improvement of international competitiveness and creation of new industries

### ☆ Creation of green innovation

- **Kawasaki Green Innovation Cluster**
- Support for overseas ventures as a collaboration between industry, academia, government and the private sector, business matching

### ☆ Creation of life innovation

- **Innovation Center of NanoMedicine (iCONM)** / near to Haneda Airport / special zone system
- **Achievement of in-body hospitals**
- Matching of needs and seeds



### ☆ Promotion of community development that is in harmony with the environment (Eco Town)

- Accredited as the first Eco Town in Japan



### ☆ Improving the competitiveness of SMEs

- **Utilization of intellectual property**  
Utilization of patents held by large companies, collaboration between different industries, such as the manufacturing industry and ICT industry
- Promotion of new business projects through support for technological development etc., expansion of sales channels

### ☆ Creation of welfare innovation

- **Welfare Innovation Forum**
- Kawasaki Innovation Standard (KIS)
- Promotion of joint development type projects

### ☆ Reinforcement of research and development foundations utilizing scientific technology



### ☆ Support for ventures and promotion of companies and business start-ups

- Shin-Kawasaki Sozo no Mori zone
- Open innovation
- Support for launching businesses, creation of environments

## (2) Strategic industrial clusters and infrastructure development in littoral zones

### ☆ Promotion of vision for littoral areas

- Promotion Council for the Revitalization of Littoral Area
- Through sharing with stakeholders: Strategic management
- Leading projects



### ☆ Formation of international strategic hubs

- KING SKYFRONT Network Council
- Cluster of some of the world's top research institutes in the field of life science





## ◎ Hotel which uses hydrogen derived from used plastics as an energy source



**Tokyu REI Hotel (Zone A of International Strategic Zone KING SKYFRONT)  
Started operating in June 2018**

## ◎ Introduction of **Hydrogen-based Autonomous Energy Supply System “H2One”** at **JR Musashi-Mizonokuchi Station**



**Completed in April 2017**



# SDGs Future City Kawasaki: Initiatives from Three Aspects

~ Society ~



Permeation of the concepts of diversity and social inclusion and utilization of Kawasaki's various unique features to develop of a social environment in which anyone can flourish and construct the foundations for a sustainable city



## (1) Community development creating an extremely livable city in which anyone can flourish

☆ **Permeation of the principles behind Kawasaki Paramovement and the creation of a legacy**  
**- Forum for the Promotion of Kawasaki Paramovement**

- Major strategy for hospitality under Kawasaki Paramovement
- Creation of an environment in which anyone can participate in society
- “Diversity and social inclusion”
- “Improvement of brand power”



☆ **Promotion of the use of wooden materials in collaboration with regional cities**

- **Kawasaki City Forum for the Promotion of the Use of Wooden Materials**
- **Collaboration and cooperation between consumption areas** in the metropolitan area and **regional cities** that are the producers of wooden materials



“Saki-Saki Model” with Miyazaki Prefecture

☆ **Community development incorporating Universal Design**

☆ **Development of housing and residential environments that are livable for anyone**

- Meet a diverse range of needs to enable anyone to continue living with peace of mind
- Under-utilized real estate = Latent regional asset
- Support for utilization, development of communities, promotion of renovation work



☆ **Promotion of comprehensive care**

- **Kawasaki City Liaison Council for Regional Comprehensive Care Systems**

- Kawasaki's unique initiatives aimed at all local residents
- Utilization of “**district medical records**”
- Collaboration between a diverse range of parties (self help, mutual help and public help)

☆ **Promotion of support to help those with disabilities gain independence and participate in society**

- Achievement of a society founded on independence and coexistence, in which anyone can work, even with those with disabilities

- Job hunting support in collaboration with a diverse range of parties

## (2) Creation of urban type communities through the creative initiatives of citizens

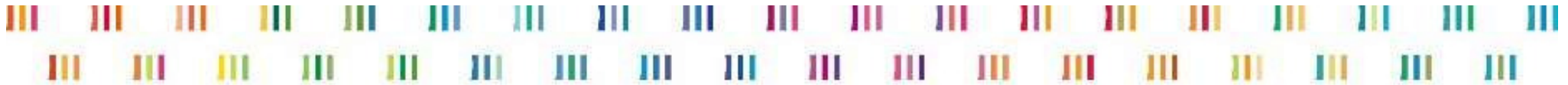
☆ **Creation of “Machi no Hiroba”**

- Creation of “Machi no Hiroba,” a focal point for the community created through the utilization of a range of local resources

☆ **Creation of the Social Design Center**

- Creation of the Social Design Center, a base through which citizens can take the initiative to come up with new ways to solve problems, create a range of new activities and values in the community, and help bring about change in society





# Colors, Future!

## Colors (diversity) for the future.

Diversity is warmth. Diversity is potential.

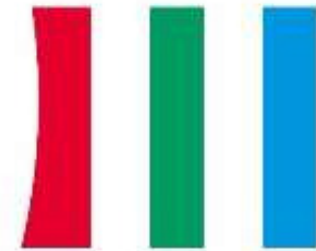
Kawasaki isn't just one color.

Bright. Vibrant. A crisscrossing of infinite hues.

For tomorrow brings a Kawasaki of many colors.

In anticipation of the next century.

Let's create a new Kawasaki. Together.



Kawasaki City

