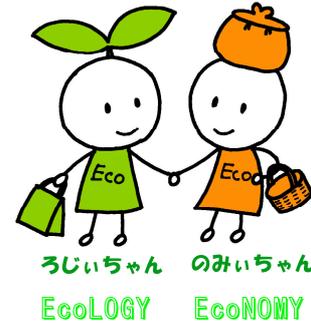


# Carbon Challenge Kawasaki Eco-strategy (CC

エコちゃんず

Kawasaki))



## Basic Philosophy

To promote a virtuous and harmonious circle for 'environment' and 'economy', and to engage the entire city in the development of a sustainable society on a global scale on the basis of the following three fundamentals.

- I. Employ the characteristics and advantages of Kawasaki City to promote countermeasures against global warming.
- II. International contributions through environmental technology.
- III. Engage in reduction on CO<sub>2</sub> levels through a wide range of organizations.

[2008 budget – 1,294 million yen]

◎ : New activities

### I Employ the Characteristics and Advantages of Kawasaki City to Promote Countermeasures against Global Warming

#### Main Activities

- A virtuous circle for 'environment' and 'economy' to build a 'Kawasaki CO<sub>2</sub> reduction model' to reduce CO<sub>2</sub> emissions with the use of advanced technology.
- Development of Kawasaki City's own system for evaluation measures of life-cycle of products and services.
- Promote a vision of the International Environmental Special District developed in Kawasaki City through these activities.

#### POINT

- Employ the accumulated expertise of industry in contributing to countermeasure against global warming.
- Support development of low-carbon technology.
- Promote a 'low CO<sub>2</sub> Kawasaki' concept.

#### ◎Develop a system for support and creation of advanced industries

Support for accumulation of advanced technological measures for global warming.

#### ◎Joint energy use by industries in coastal zone

Use of NEDO grants for joint use of energy through Kawasaki Steam Net Inc.

#### ◎Establishment of a city model for a virtuous circle for 'environment' and 'economy'

Investigation of the use of hydrate slurry in underground malls in Kawasaki City in high-efficiency, low energy consumption air conditioning systems.

#### ◎Formation of an eco-industrial complex

#### ◎The eco-town plan and zero-emissions industrial areas

#### ◎Rail transport of waste from collection center to incineration center. etc.

### II International Contributions Through Environmental Technology

#### Main Activities

- Kawasaki City has a concentration of industries with internationally recognized environmental technologies. Kawasaki City is able to contribute to measures for global warming on an international scale in combination with these industries.

#### POINT

- Efforts to transfer internationally recognized environmental technologies in Kawasaki City to developing countries.
- Cooperation with UNEP.
- Cooperation with the Asian Entrepreneurs' Village, and reception of overseas environmental technology trainees.

#### ◎Establishment of Environmental Technology Information Centers

Transmission of information on environmental technology prior to establishment of a general environmental research institute, and joint research through cooperation between industry, academia, and government.

#### ◎Kawasaki International Environmental Technology Exhibition (tentative title)

To be held simultaneously with the Asia-Pacific Eco-Business Forum to promote Kawasaki City's world-level environmental technologies.

#### ◎Support the United Nations Global Compact and Promotion of Kawasaki City Compact

### III Engage in Reduction of CO<sub>2</sub> Levels Through a Wide Range of Organizations

#### Main Activities

- A joint effort by citizens, businesses, and local authorities to develop effective measures for CO<sub>2</sub> reduction.
- Take maximum advantage of the lessons learned in resolving environmental problems with the high level of environmental consciousness of the citizens of Kawasaki.

#### POINT

- Cooperation of citizens, businesses, and local authorities.
- Changes in lifestyle.
- Promotion of even greater consideration of the environment.

#### ◎Promote purchase of green power

Introduction of renewable energy in development of a carbon offset model for business.

#### ◎Introduction of ESCO for public facilities

#### ◎Promote planting of vegetation

- Afforestation measures in coastal areas.
- Planting of vegetation on rooftops and walls of public facilities.

#### ◎Promotion of eco measures by ward offices

Cooperation in promoting programs such as Eco-city Takatsu, environmental education events, and transmission of information.

#### ◎Establishment of policies to promote environmentally friendly contracting

#### ◎Subsidy for solar power plants, and establishment of joint citizens' powerplants

#### ◎Promote environmentally friendly driving (eg Kawasaki Eco-drive Declaration)

#### ◎Cooperation between citizens and businesses in reducing use of plastic bags in retail stores etc.

## Improvement of Global Warming Measures

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### Revision of 'Global Warming Countermeasure Area Promotion Plan'

Cooperation between citizens and business in further reduction of CO<sub>2</sub> emissions, numerical understanding of the volume of emissions and reduction targets, and implementation of effective measures.

### Establishment of 'Local Ordinance for Countermeasures against Global Warming' (tentative title)

Changes to incorporate rules for countermeasures against global warming as a local ordinance in order to improve efficacy of revised promotion plans.

### Revision of 'Basic Environment Plan'

Revision of the Basic Environment Plan, the city's primary environmental administration plan centered on urgent problems such as countermeasures against global warming.

### Revision of Kawasaki City Office 'Eco Office Plan'

Promote revision of plans for CO<sub>2</sub> reduction through administrative guidance throughout all sectors of administration.

## Promotion System

### ● Establishment of Kawasaki Promotion Conference of Countermeasures against Global Warming (Carbon Challenge Kawasaki Eco Conference)

Formation of a network for promoting global warming countermeasures comprising a diverse range of organizations within the city (e.g. citizens organizations, businesses), and cooperation between all organizations in activities associated with global warming countermeasures.

#### ★ Town Meetings on Environment

A series of town meetings on environment designed to widely disseminate global warming countermeasures and obtain opinions from a wide range of citizens.

### ○ Establishment of Promotion Headquarters for Countermeasures against Global Warming in Kawasaki

Establishment of Headquarters within the city government, headed by the Mayor, and comprising heads of bureaus and wards, to bring an integrated city approach to countermeasures against global warming (environment and economy, as well as education and welfare, and city development).

### ○ Establishment of the Global Environment & Sustainability Office (CC Kawasaki Secretariat)

Establishment of the Global Environment & Sustainability Office to strengthen and promote global warming

## Extensive Cooperation in Readiness for the Lake Toya Summit

### ● November 2007 – 52<sup>nd</sup> Summit Meeting of Eight Municipals

Mayor of Kawasaki proposes exchange of opinions on the issues of global warming with leading figures of summit meeting of eight municipals and the economy.

### ● Spring 2008 – Metropolitan Areas Joint Forum

Dispatch by leading figures of eight municipals.

### ● July 2008 – International Summit at Lake Toya, Hokkaido (G8)

### - International Events -

November 2007 – Fourth Report from the Inter-Governmental Panel on Climate Change

December 2007 – 13<sup>th</sup> Meeting of the United Nations Framework Convention on Climate Change

January 2008 – 1<sup>st</sup> Commitment Period of the Kyoto Protocol

