



Environmental Future City Promotion Office Environment Bureau, City of Kitakyushu

About Kitakyushu



1901 Firstly established government-run "Yawata Steel Works".

Actions to overcome the pollution



Energy saving and pollution control system

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Recovered environment in Kitakyushu







Process of consensus building on environmental policy

Civic Forum (10.12.2003)

Public comment

- April to December 2003
- More than 1,000 of opinion

Stakeholder meeting

- 34 representatives from industry, the local government, and academia
- March to October 2004
- held more than 10 times

Citizen declaration for the world environmental capital (9.10.2004)

Environment-friendly area around MURASAKIGAWA-river

Eco-City showcase set up a new energy of solar power generation, etc. in the city center area near the MURASAKIGAWA-River

HIBIKINADA District ; Harbor area where various facilities are integrated

Effect of Kitakyushu Eco-Town Project

Progress of Eco-Town Project

- Number of research facilities 16
- Number of project facilities 29

Effect of the project

- Investment amount: approx. 66 billion yen
- Number of employees: approx. 1,400
- Number of visitors: approx. 1,000 thousand (cumulative total, 1998-2012)
- Carbon dioxide reduction, About 380,000 tons per year
 Promotion of citizen understanding by the public facility
 Number of visitors from abroad, 3,905 (2012)

Citywide events that residents,NPO and businesses to introduce their daily efforts

Environmental Examination and Residents' participation type of projects

Overall Structure of the Kitakyushu Smart Community Creation Project (In the field of energy)

Total Effect from Seasonal and Time of Day Pricing + Dynamic Pricing

Energy consumption peak cut effect

- \checkmark Households already installed seasonal and time of day pricing, in which prices are modulated, are the targets. Measurement of seasonal and time of day pricing effect is excluded from this demonstration.
- \checkmark According to the social demonstration for seasonal and time of day pricing (2011) by the Ministry of Economy, Trade and Industry and TEPCO, the peak cut effect from seasonal and time of day pricing was 9.1%.
- \checkmark With this addition, the total peak cut effect including Dynamic Pricing

Development of international cooperation on environmental issues

Partnership with other Asian nations for mutual prosperity

Accepted trainees: 6,638 persons from 140 nations; Dispatched specialists: 165 persons to 25 nations Promotion of cooperation networking between Asian cities and environmental improvement projects

Contribution to environmental improvements in Dalian, China (Dalian City received the Global 500 Award in 2001.)

Exchanged memorandum for cooperation on ecotown with Tianjin City (At the Prime Minister's official residence)

Driving forward the waste composting project with Surabaya City, Indonesia (Adopted by over 20,000 families)

Fractionation business in Surabaya, Indonesia

Safe and hygienic recycling of plastic and metal

Dramatic improvement of the working environment Garbage composting (2004~)

 Reduction of waste generation,30%
 Improve awareness of environmental issues

