

An Asian Base for Green (Low Carbon) Revolution

Kitakyushu Asian Center for Low Carbon Society

Kitakyushu City, Japan

The origin of the industrial revolution in Japan



1901: Yawata Steel Works (Japan's first state-run steel refinery) opens

An origin of the Green Revolution in Asia



The History of Kitakyushu City's Environmental Policy

Phase 1 (until 1980)

The age of pollution problems and their conquest (women's associations & cooperation among industrial, academic, bureaucratic & private sectors)

Phase 2 (from 1980)

The age of international cooperation (KITA, participation in two summit meetings & international awards)

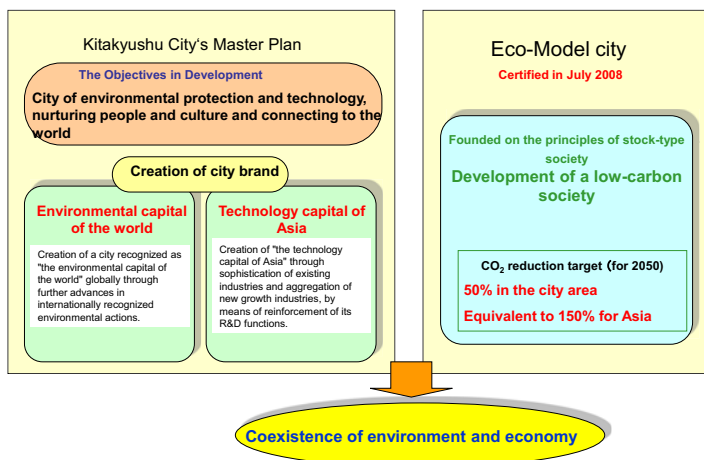
Phase 3 (from first half of 1990)

The age of recycling society activities (Eco-Town, PCB treatment, fee-for-service garbage collection & more exhaustive garbage sorting)

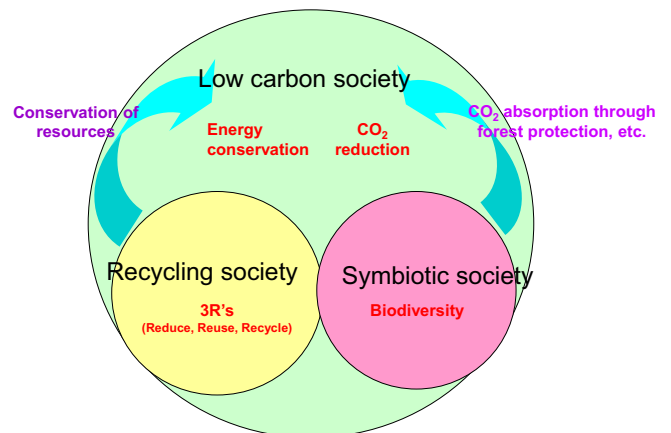
Phase 4 (from 2005)

The age of sustainability and low carbon society activities (Environmental capital, civic collaboration & Eco-model city)

The Background of Kitakyushu Asian Center for Low Carbon Society



Approach from an Integrated Perspective



Regional Resources (The Leading Businesses in the Kitakyushu Region)



Nippon Steel Yawata Works



Toyota Motor & Nissan Motor



Yaskawa Electric



Mitsubishi Chemical



Mitsubishi Materials



TOTO

Regional Resources (Outstanding Manufacturing Technologies)

- The need for pollution control measures (period of rapid economic expansion)
- Pursuit of conservation in resources and energy (two oil crises)

High production efficiency & low environmental impact
Development of low-pollution production technologies
by business enterprises in the city
 (Energy & resources conservation technologies, cleaner production, etc.)

Aggregation of technologies contributing to
carbon level reduction

Assistance of
 universities &
 research
 institutes in the
 city

For development of a low-carbon
 society
R&D in Innovative Technologies

Regional Resources (International Inter-City Network)

Kitakyushu Initiative Network

62 cities in 18 countries of the Asia/Pacific

Creation of the Asian City Network for Environment Improvement for reorganization of the network and transfer of low-carbon society building to Asia.

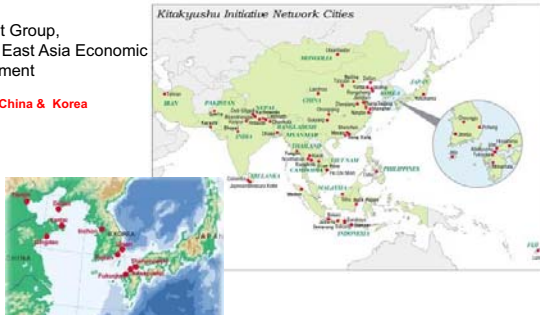
Creation of the Asian City Network for Environment Improvement

1-2 cities are designated leaders in each country, with such cities leading surrounding cities to promote carbon reduction and realize efficient management.

Environment Group,
 the Organization for the East Asia Economic
 Development

Network of 10 cities in Japan, China & Korea

Network for practical action in promoting environmental business and cooperation to resolve wide-area environmental issues (such as ocean garbage and photochemical oxidants)



What the Kitakyushu Asian Center Aspires to Achieve

Promote aggressive transfer of environmental and social technologies,

push for reform in social mechanisms and

create new values and culture

and become a center for "Low Carbon Revolution in Asia"

The Principal Role and Functions of the Center

