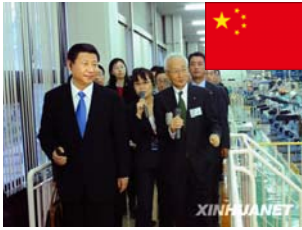


Kitakyushu City's Activities for Low-carbonization in Asia



Kitakyushu Asian Center for Low Carbon Society Environment Bureau, City of Kitakyushu

Kitakyushu as a base for exporting Green Cities

Kitakyushu aiming to become the World Capital of Sustainable Development
Experience of overcoming pollution and International Environmental Cooperation
Prominent environmental technologies and Social System
Urban environment diplomacy with Asian cities



Eco-Model City (July, 2008)



Future City (December, 2011)



OECD Green City Program Model City (June, 2011)

Together with Paris, Chicago, and Stockholm!



Kitakyushu Asian Center for Low Carbon Society

as a base for exporting Green Cities



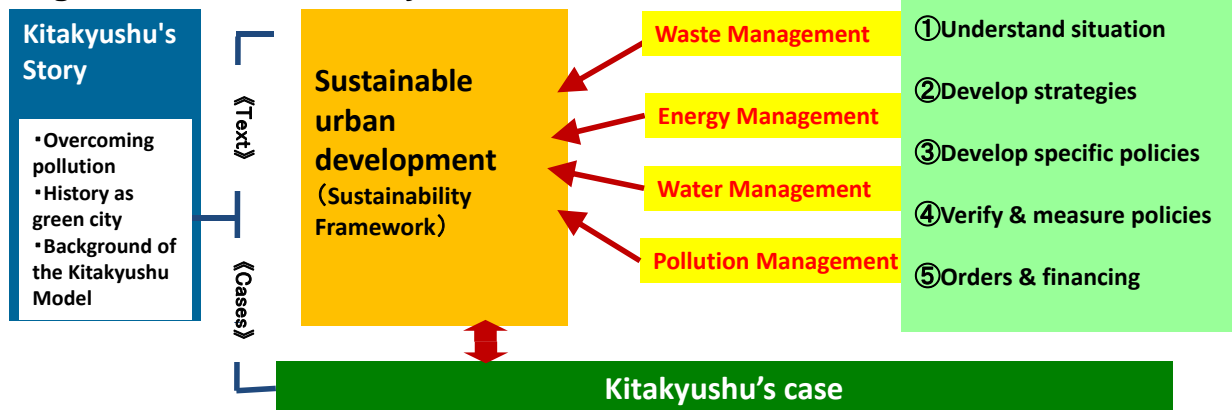
Establish green city development that accommodates the diverse needs of Asian cities and firms

Overview of the Kitakyushu Model

- ✓ Kitakyushu is developing the Kitakyushu Model that systematically arranges information on the technologies and know-how of Kitakyushu from its experience in overcoming pollution to its quest as an environmental city.
- ✓ This model is support tool to develop sustainable master plans that integrates waste, energy, water and sewage services, and environmental protection.



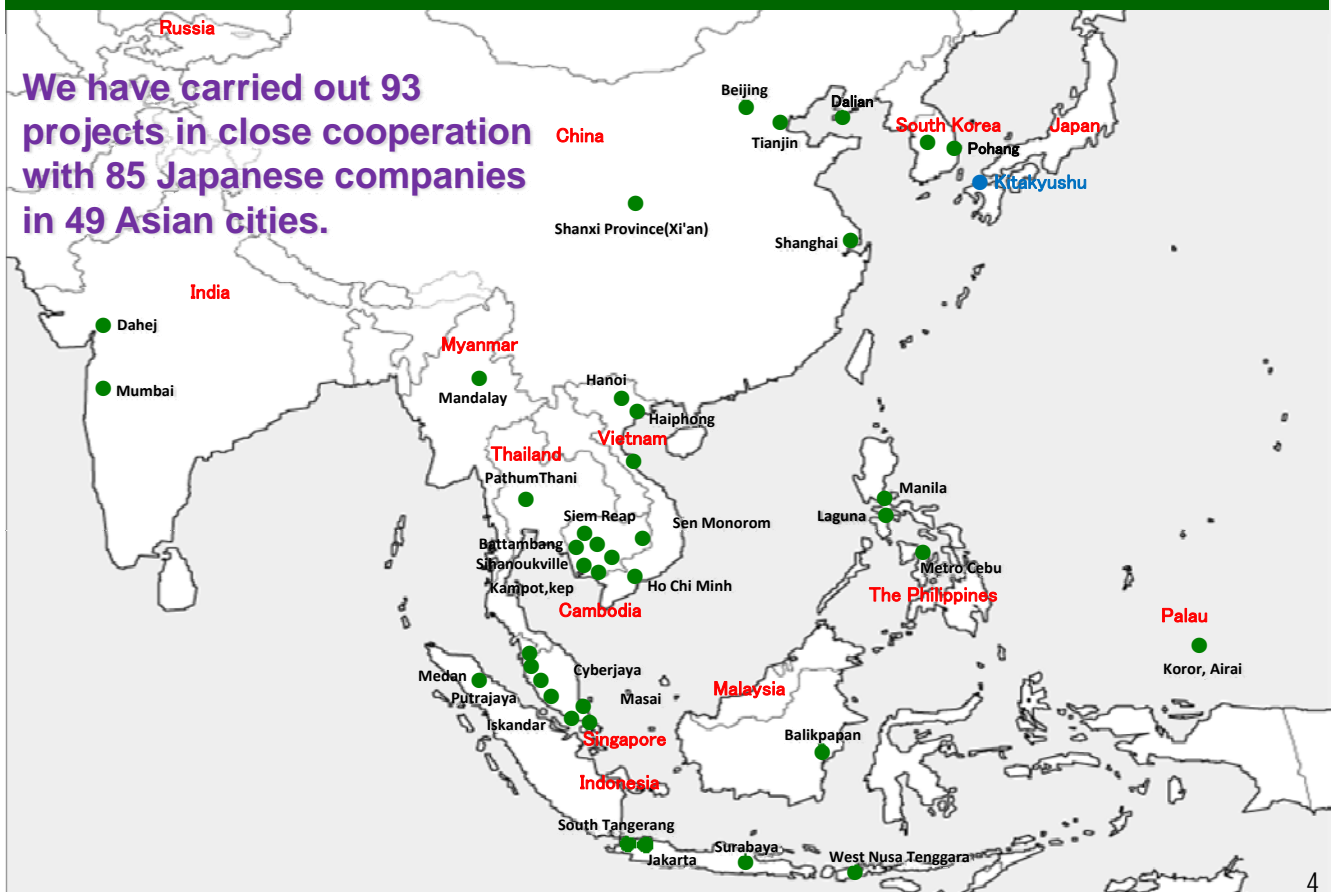
Organization of the Kitakyushu Model



3

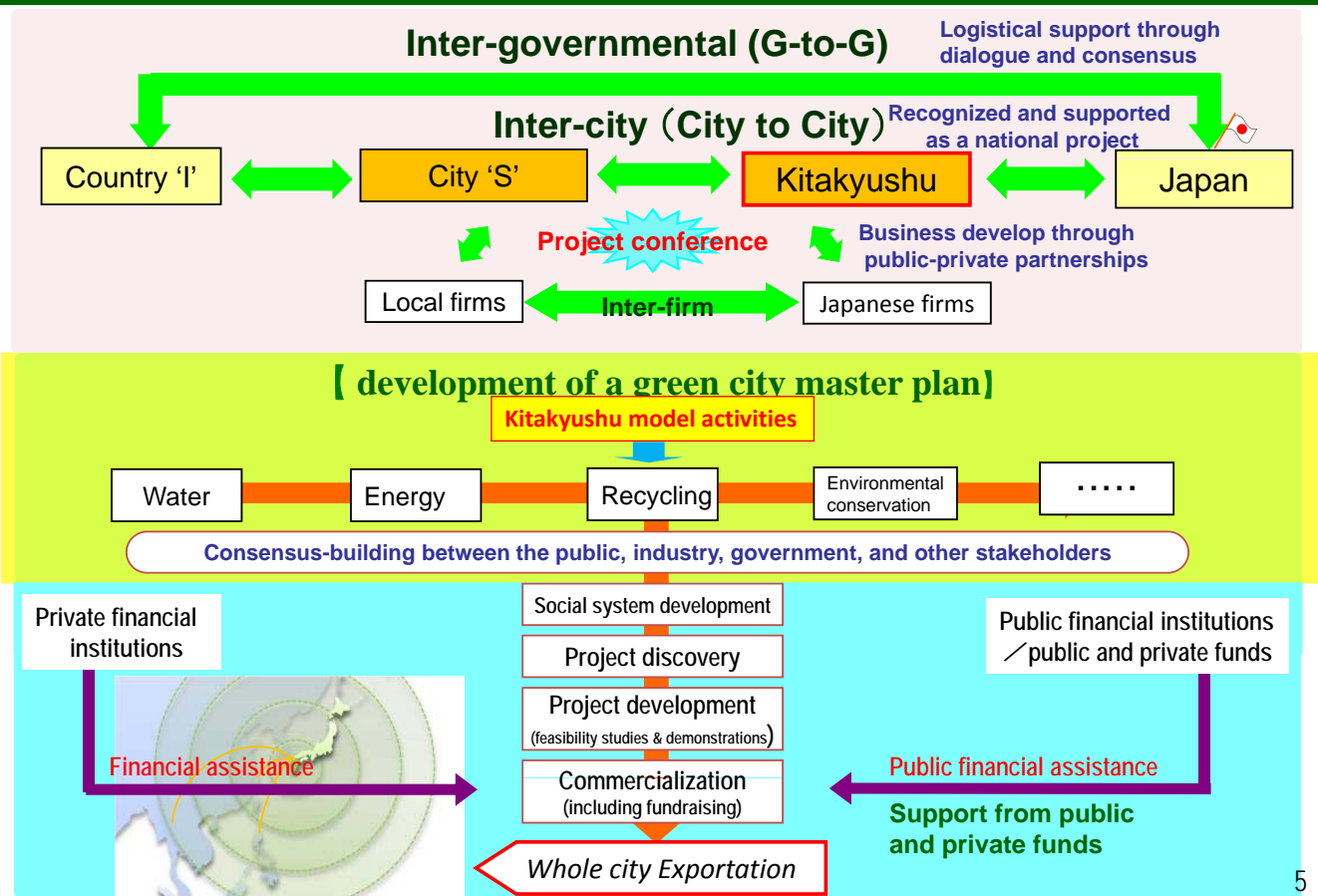
Diverse Project Development Map

We have carried out 93 projects in close cooperation with 85 Japanese companies in 49 Asian cities.



4

Creating a platform for inter-governmental & inter-city cooperation



5

Green Growth Promotion Plan of the City of Hai Phong

Hai Phong is aiming to create a Green Port City through self-implementing actions



6

Export of Green Cities to Indonesia & Thailand

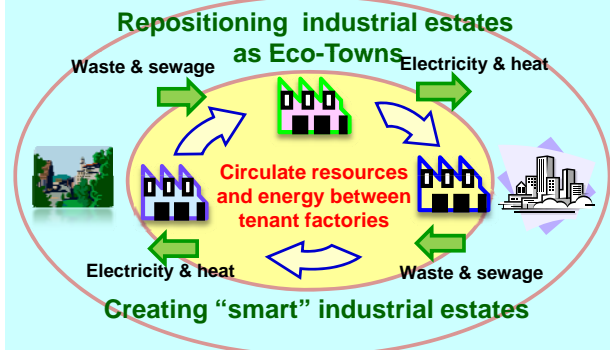
Developing a waste management & a green city master plan in Surabaya, Indonesia this year



"Green Sister City" agreement signed in Nov. 2012

Supporting the Eco-Industrial Town Concept in Rayong Province, Thailand promoted by DIW & IEAT

Development of an eco-friendly industrial complex that takes collaboration between industrial complexes and surrounding communities into consideration



Signing of MoU between DIW, IRPC and Kitakyushu City in Dec.2014



Signing of MoU between IEAT and Kitakyushu City In Aug.2014

7

Advantages of Intercity Cooperation (1)

Advantages for businesses & local governments in Japan

<Japanese businesses>

- ✓ Barriers to entry into overseas markets can be lowered because there is a relationship of mutual trust between municipalities.
- ✓ Technical proposals can be developed in line with master plans and other programs, as a result of involvement from the earliest stages of planning.
- ✓ Experiences and know-how of local governments in Japan, such as in waste, water, and sewage, can be used.

<Japanese local governments>

- ✓ The successful business activities of Japanese companies overseas can lead to the stimulation of the local/regional economy.
- ✓ Quality solutions from Japanese companies can be provided for issues in partner cities.
- ✓ Comprehensive projects can be developed as a result of involvement from the earliest stages of planning.



8

Advantages of Intercity Cooperation (2)

Advantages for businesses & local governments in partner country



<Businesses>

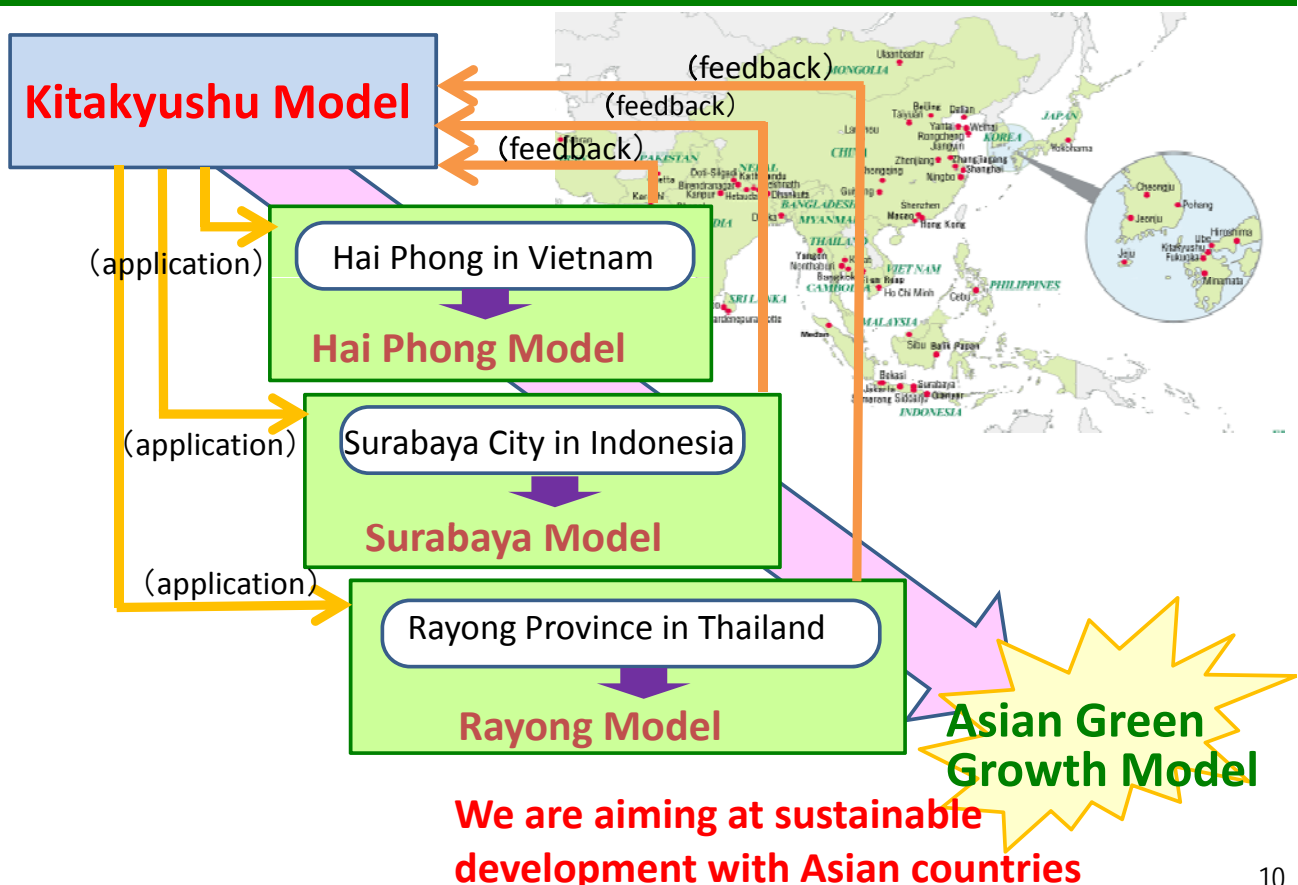
- ✓ Japan's low-carbon technologies can be introduced where there are reservations about costs through the application of the JCM.
- ✓ The introduction of Japanese technology can lead to a reduction in operating costs due to its durability and low failure rate.
- ✓ There is a sense of security when technology is introduced as a result of mutual support between cities.

<Local governments>

- ✓ Objectives can be achieved at lower administrative costs with initiatives of the private sector in public-private partnerships (PPP).
- ✓ Reduction of CO₂ emissions can lead to the simultaneous mitigation of pollution and improvement in lifestyle quality.
- ✓ Long-term follow-up can be received through intercity cooperation.

9

Development of Kitakyushu Model



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