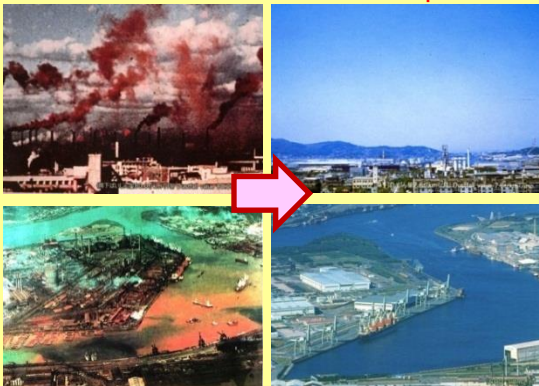


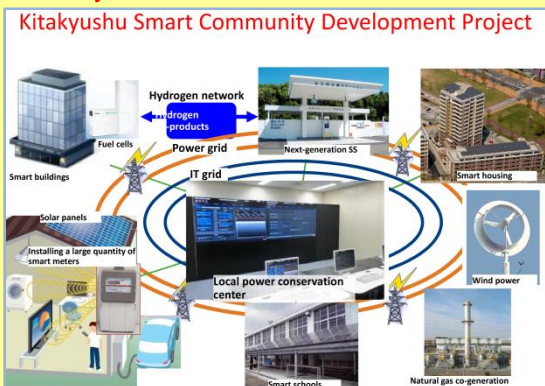
Kitakyushu as a base for exporting Green Cities

Kitakyushu aiming to become the World Capital of Sustainable Development

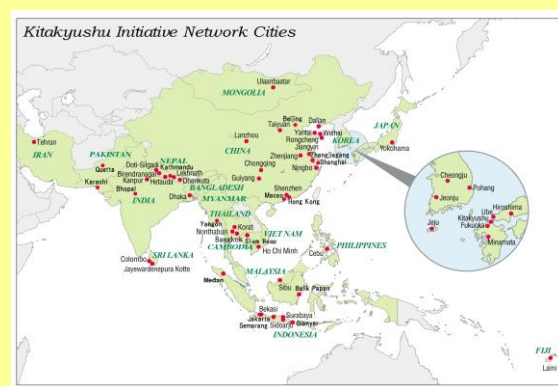
Experience of overcoming pollution and International Environmental Cooperation



Prominent environmental technologies and Social System



Urban environment diplomacy with Asian cities



Eco-Model City

(July, 2008)



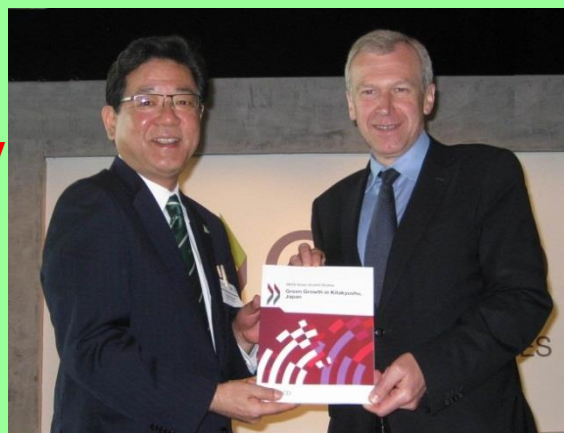
Environmental Future City

(December, 2011)



OECD Green City Program Model City

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

Export of Green Cities Model & Development of Master Plan

<4th Step>
Overseas business development

Group of companies involved with the Green City Master Plan ⇒ Overseas business development!

<3rd Step>
Development of Green City Master Plan

【City of Surabaya (Indonesia)】
 * Requests to the following companies for development of the Green City Master Plan using funds from JICA and Ministry of Foreign Affairs
【Waste Management】
 Nishihara Corporation, Amita Corporation, Hitachi Zosen Corporation, NTT Data Institute of Management Consulting, Inc.
【Energy】
 Hokosha, Fuji Electric Co., Ltd., Nippon Steel & Sumikin Engineering, NTT Data Institute of Management Consulting, Inc., NTT Facilities
【Water & Sewage Management】
 Matsuo Sekkei, Kitakyushu Water & Sewer Bureau, TOTO, Ishikawa Engineering
【Transportation】
 Almec VPI

Method for developing plan

<2nd Step>
Formation of project proposals by sector

【City of Haiphong (Viet Nam)】
 * Signed sister city cooperation agreement in April 2014
 * Members of the Kitakyushu Overseas Water Business Association sign contracts for U-BCF improvement project
 * Implementation of project to support the development of the Haiphong Green Growth Action Plan in FY 2014 (MOE JCM project)

Method for project formation

<1st Step>
Basic research

【Thailand】
 * MoU signed between Kitakyushu and Thailand Ministry of Industry
 * Talks between Mayor of Kitakyushu and Chair of the Thailand Office of the National Economic and Social Development Board ⇒ Start of dialogue with Thailand
 * Implementation of survey for the project to support the development of an industrial town in Rayong Province, Thailand in FY 2014 (municipal expenditure)

Method for basic research

【Iskandar Development Region, Malaysia (Pasir Gudang City (MPPG)】
 * Implementation of feasibility study on the formation of a large-scale GHG emissions reduction project in the Iskandar Development Region of Malaysia in FY 2014 (MOE JCM project)

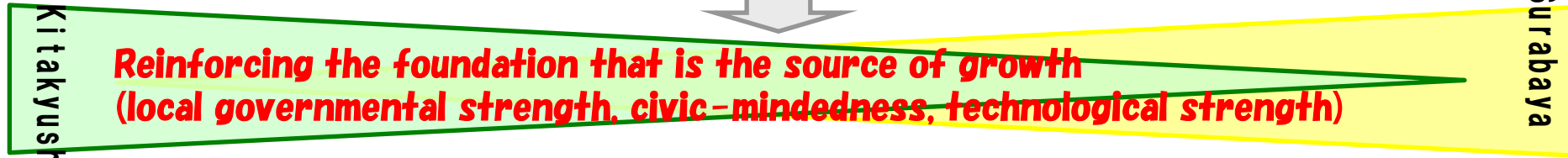
Method for basic research

Support for the development of the Green City Master Plan = Application of the Kitakyushu Model

Exporting Green Cities (Surabaya)

Development of a green city master plan

Comprehensive urban development plan that incorporates the formation of a social system and the training of human resources in urban development



Intercity Cooperation (Learning together/mutually enhancing & intensifying linkages/expanding cooperation)

Application of Kitakyushu Model
 Kitakyushu City systematically arranges information on the technologies and know-how of Kitakyushu from its experience in overcoming pollution to its quest as an environmental city

Waste treatment

Maintenance/improvement of sewage systems

Export of green cities

Co-generation and energy saving

Surabaya SIER

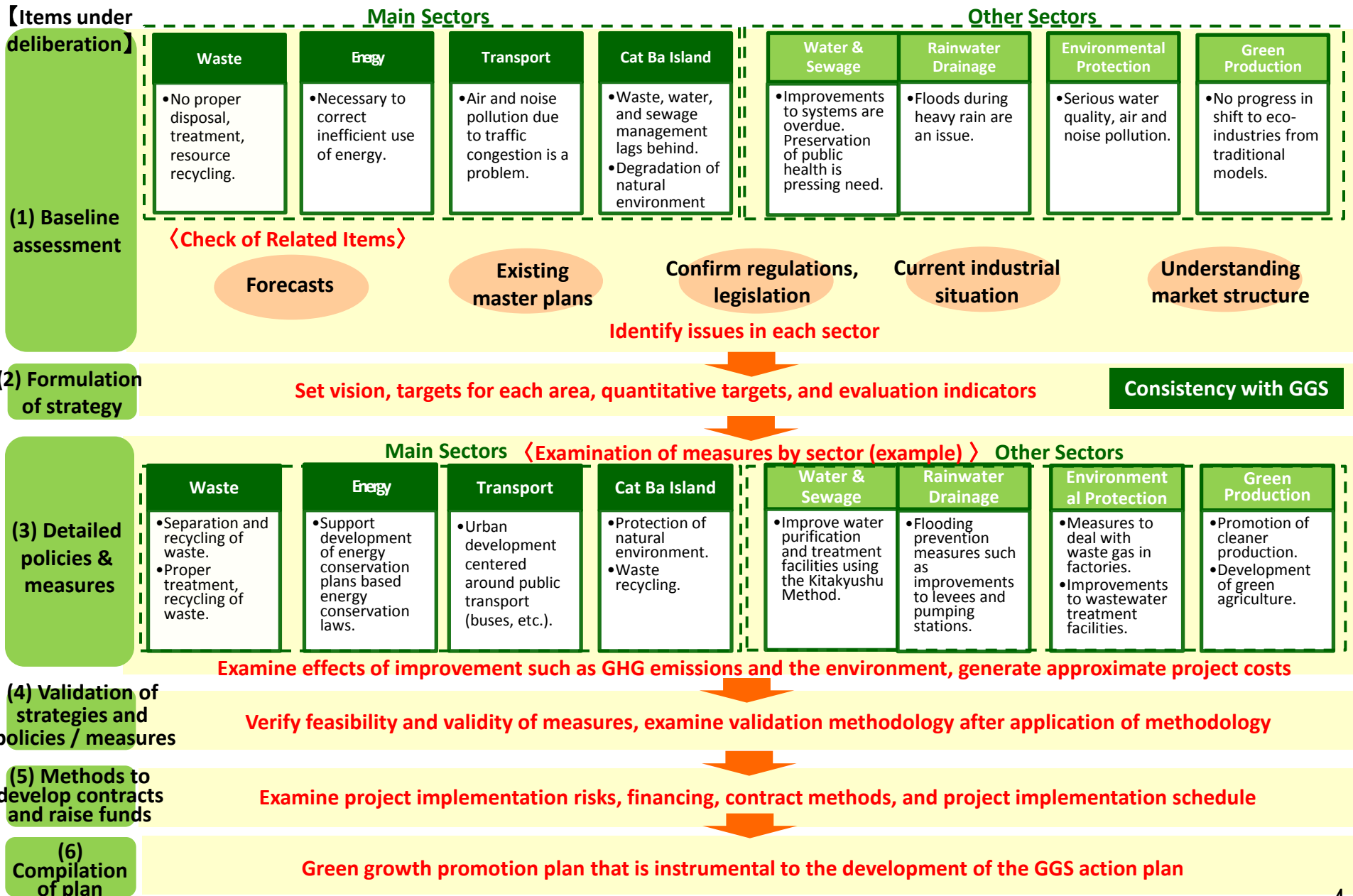


Studies on quantification techniques to reduce CO₂ emissions

Purification of tap water

1. 浄水場のろ過・消毒
2. 浄水場のろ過・消毒
3. 浄水場のろ過・消毒
4. 浄水場のろ過・消毒
5. 浄水場のろ過・消毒

Support for Development of Green Growth Promotion Plan in Haiphong



Development Scheme for Exporting Green Cities

