Support for Development of Green Growth Promotion Plan in Hai Phong (1)

IGES Kitakyushu Urban Centre, Nikken Sekkei Civil Engineering, NTT Data Institute of Management Consulting, other

MOEJ: F/S on formation of large-scale JCM project to create a low-carbon society in Asia (FY 2014) (1)

Reduction of CO₂ emissions by implementation and expansion of pilot project: ~120,000 t/year (target year: 2020)

Japán-side

City of Kitakyushu

Project Management

IGES

Kitakyushu Asian Center for Low Carbon Society

Low-carbon City Development

Preparation of Low-carbon City Development Plan

Nikken Sekkei Civil Engineering Ltd.

M. I. Consulting Group Corp.

Solid waste sector

Recycling of solid waste, Waste-to-energy, Development of a package model for addressing energy conservation and F-gases

NTT DATA Institute of Management Consulting Inc.

Nishihara Co., Ltd.Amita Co., Ltd.

Agreement for Friendship and Cooperation (April 2009)



Sister City (After April 2014)
Planned

Development of the Green Growth
Promotion Plan and
selection of pilot projects in
cooperation with Hai Phong



Kitakyushu Mayor visited Hai Phong in May 2015 to submit the completed report

Vietnam-side

City of Hai Phong

People's Committee

Dept. of Foreign Affairs, Dept. of Planning and Investment

Energy sector

Energy conservation of infrastructure

NTT DATA Institute of Management Consulting Inc.

University of Kitakyushu

Conservation of Cat Balsland

Eco-friendly facilities and transportation, Capacity building, Recycling of all waste

NTT DATA Institute of Management Consulting Inc.

Amita Institute for Sustainable Economies Co., Ltd.

Support for Development of Green Growth Promotion Plan in Hai Phong (2)

Features of the Green Growth Promotion Plan

Feature (1)

Green Port City Plan of Hai Phong

Feature (2) **Comprised of pilot projects** that aim at a vision, basic policies, specific measures. and short-term achievement of goals

Feature 3 **Examination of pilot** project with a focus on local businesses

Feature 4 Organization of five workshops in Hai **Phong**

Items under deliberation I

Main Sectors

Other Sectors

(1) Baseline assessment

Energy Waste

 No proper disposal, treatment. resource recyclina

Transport

Air and noise pollution due to traffic congestion is a problem.

Cat Ba Island

· Waste, water, and sewage management lags behind.

Water & Rainwater Sewage Drainage Floods during · Improvements to systems are heavy rain overdue.

are an issue.

Environmental Protection

Serious water quality, air and noise pollution.

Measures to

Production

 No progress in shift to ecoindustries from traditional models

Identify issues in each sector

(2) Formulation of strategy

Set vision, targets for each area, quantitative targets, and evaluation indicators

Consistency with GGS

(3) Detailed policies & measures

Waste

- Separation and recycling of waste.
- Proper treatment. recycling of waste.

Energy

development of

conservation

plans based

conservation

Support

energy

energy

laws.

Necessary to

inefficient use

correct

of energy.

Transport Urban

development centered around public transport (buses, etc.).

Cat Ba Island

- Protection of natural environment. · Waste recycling.

Main Sectors (Examination of measures by sector (example) > Other Sectors Water & Rainwater Sewage Drainage

 Improve water purification and treatment facilities using the Kitakyushu

Method.

Preservation of

public health is

Flooding prevention measures such improvements to levees and

pumping

stations.

Improvements to wastewater treatment facilities.

Green **Production Protection**

- Promotion of deal with waste cleaner gas in factories. production.
 - Development of green agriculture.

Examine effects of improvement such as GHG emissions and the environment, generate approximate project costs

(4) Pilot projects

15 pilot projects (examination of potential for development into JCM projects with private businesses in Kitakyushu playing a central role)