Low-Carbon Development of Hai Phong City

Nippon Steel & Sumikin Engineering, Amita, NTT Data Institute of Management Consulting

MOEJ: F/S on formation of large-scale JCM project to create a low-carbon society in Asia (2014~)(4) (4)

City of Kitakyushu

Kitakyushu Asian Center for Low Carbon Society

Hai Phong Green Growth Promotion Plan

Examination of development of pilot projects into JCM projects

City of Hai Phong

People's Committee, Department of Foreign Affairs, Department of Planning and Investment

Energy-saving promotion projects, such as for factories and buildings

NTT Data Institute

Cooperation: University of Kitakyushu

- Consideration of introduction and expansion of high-efficiency electric furnaces to foundries
- Detailed study on energy savings in commercial facilities, other
- Consideration of quantification methods for CO2 emission reductions

Power generation from waste heat recovery and production of raw fuel for cement in cement factories

NTT Data Institute

Amita

- •Study and examination of power generation •Study and examination on the from the recovery of waste heat
- · Study on quantification methods for CO2 emission reductions

production of raw fuel for cement

Waste-to-energy project through the cocombustion of sewage sludge solid fuel and municipal waste

Nippon Steel & Sumikin **Engineering**

Orix

• Examination of systems and assessment of business profitability

Consideration of funding

NTT Data Institute

Cooperation: Nishihara Corp

Examination of quantification methods for CO2 emissions

Introduction of energy savings, renewable energies, and EV buses on outer islands

NTT Data Institute

- Detailed study on the introduction of EV microbuses
- •Study on the collection and use of environmental protection fees
- •Study on quantification methods for CO2 emission reductions

Follow-up Projects on the Hai Phong Green Growth Promotion Plan

Nikken Sekkei Civil Engineering

- •Creation of mechanisms in order to develop model projects on the reduction of CO2 emissions
- •Identification of new projects on CO2 emission reductions
- Organization of workshops in Hai Phong