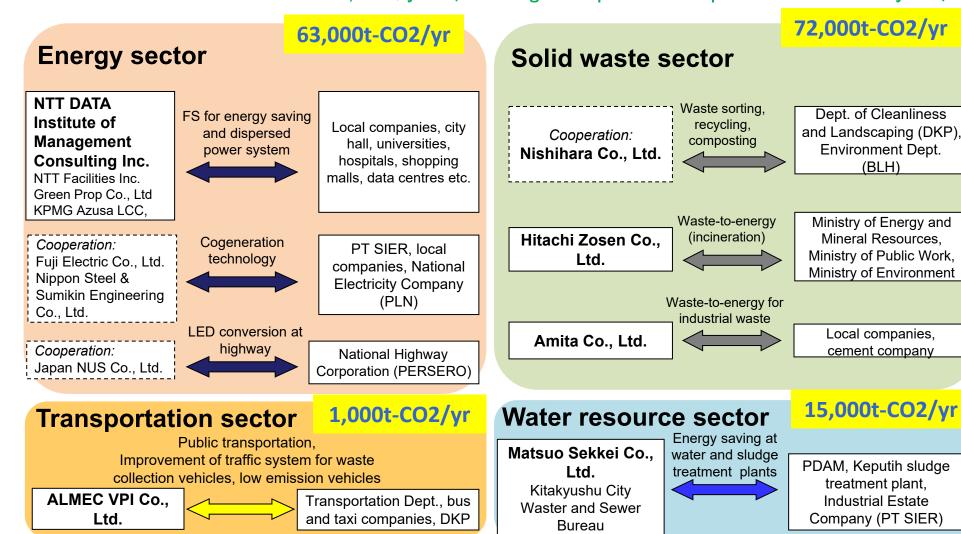
Support for low-carbon city plan development in Surabaya (1)

IGES Kitakyushu Urban Centre, Matsuo Sekkei Co., Ltd., NTT Data Institute of Management Consulting, ALMEC VPI Co., Ltd., other

MOEJ: F/S on formation of large-scale JCM project to create a low-carbon society in Asia (July,2013~)38

Reduction of CO2 emissions: ~150,000 t/year (Assuming the implementation period of about three years)



Support for low-carbon city plan development in Surabaya (2)

IGES Kitakyushu Urban Centre, NTT Data Institute of Management Consulting, Amita Corporation, other MOEJ: F/S on formation of large-scale JCM project to create a low-carbon society in Asia (April,2014~) (39)

Energy Sector

NTT Data Institute of Management Consulting

NTT Facilities
Fuji Electric
Nippon Steel &
Sumikin Engineering
At Green

Supply of heat and electricity to factories (co-generation)

PT SIER (Surabaya Industrial Estate Rungkut), PIER industrial estate, potential companies, governmentowned power company (PT PLN), gas companies



Co-generation

Energy-saving buildings, Distributed power sources

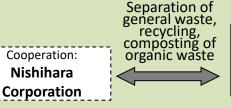
Construction Bureau,
Institut Teknologi Sepuluh
Nopember, Surabaya, hotels,
commercial establishments,
office buildings, hospitals,
universities, city hall





Introduction of LED lighting in Hotels

Waste Management Sector



Dept. of Cleanliness and Landscaping (DKP), Environment Dept. (BLH), fertilizer company (PT Petrokimia)

Cooperation: Waste-to-energy (incineration)

Hitachi Zosen

JICA proposal

Amita Corporation

MoE proposal

Production of raw materials for cement from industrial waste

Ministry of Energy and Mineral Resources, Ministry of Public Work, Ministry of Environment, Dept. of Cleanliness and Landscaping (DKP), landfill management company (PT Sumber Organik)

Ministry of Environment,
Dept. of Industry, local
Japanese companies
(pollution emitters), cement
companies (PT Semen
Indonesia), paper
manufacturing companies

Cooperation:

Findings from other projects under implementation were shared with this project.



B3 emissions operators



Amita manufacturing plants
(East Java)



Cement company (East Java)