Side Event: Promoting Low Carbon Asia for the Paris Agreement: Cases of National and Local Experience on NDC activities and market mechanisms

Promoting Low carbon development: Case study of HCM- Osaka City Cooperation Project

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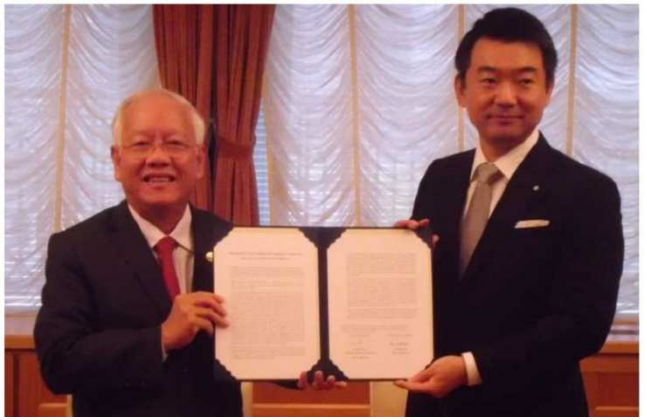
CONTENT

OVERVIEW

- Strategic orientation of Vietnam: Green growth, low-carbon development .
- National Strategy on Green growth, Climate Change in place for promoting low-carbon, green growth.
- International cooperation strengthened for low-carbon, green growth.
- MOU on low carbon development signed with Japan at national and city level, creating a basis for promoting cooperation projects, JCM project, low-carbon technology transfer, capacity building

National level: 2nd /July/2013



City level: October/2013

~HCM- Osaka City Cooperation Project for Developing Low-Carbon City~

Based on the MoU on Developing Low-Carbon City Between Ho Chi Minh City and Osaka City signed by the both city mayors in October 2013, this project aims to establish, with a close cooperation between Ho Chi Minh City (HCMC) and Osaka City, a low-carbon society in Ho Chi Minh City, one of the most vulnerable cities to the climate change adverse effects in the world.

Support to develop and implement HCMC Climate Change Action Plan (CCAP)

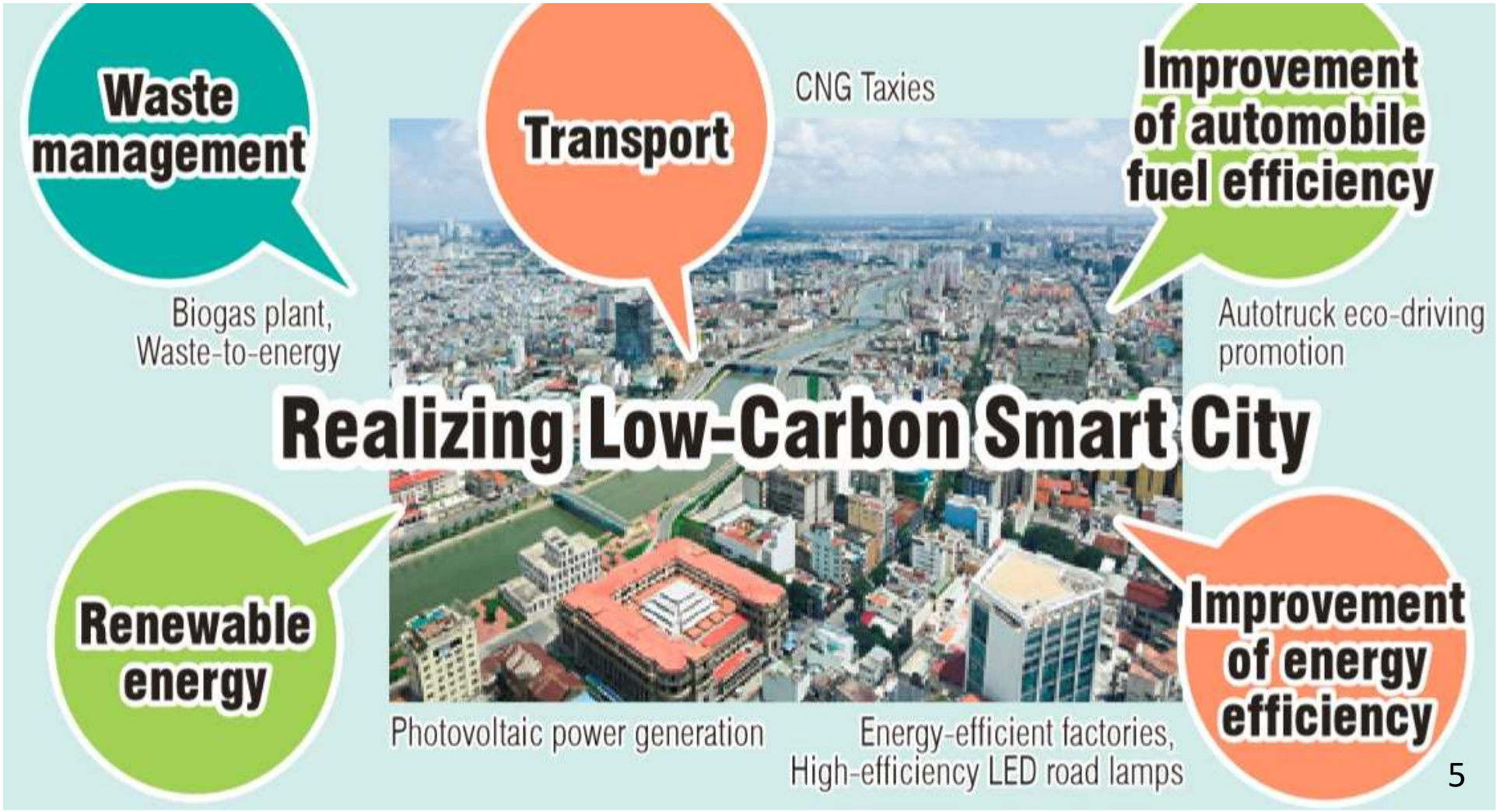
Support for the progress management of CCAP implementation with capacity enhancement of PDCA

Promotion of PPP based on city-to-city cooperation

Goals

Advanced environmental technology and administration of Japan and Osaka to be provided to HCMC, as a packaged system.

JCM fund to be utilized for the transfer of low-carbon/environmental advanced technologies to HCMC



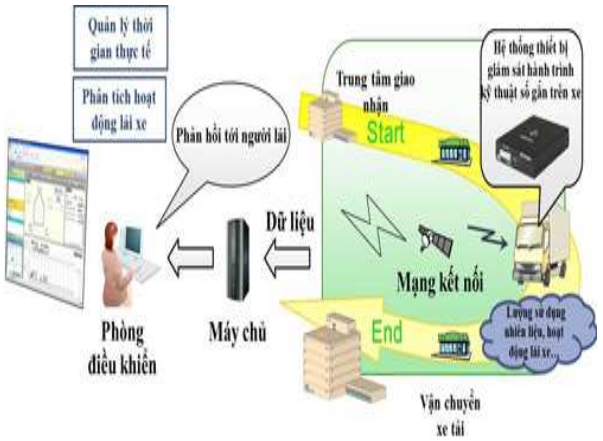
Result of the case; 3 JCM model projects are at the implementation phase.

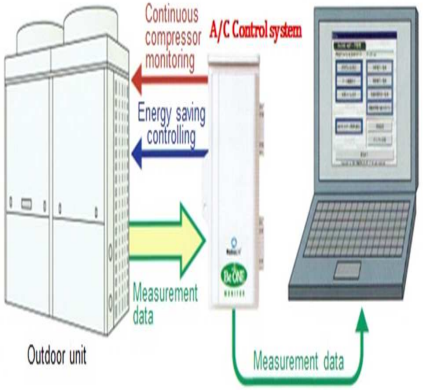
→Low-carbon technologies are to be transferred to HCMC.

1. Eco-driving by Utilizing Digital Tachograph System Project (reduction of 328 t CO2/year)

2. Project of Introduction of Solar PV System at Shopping Mall in Ho Chi Minh (reduction of 274 tCO2/ year)

3. Introduction of High Efficiency Air-conditioning in Hotel (4,681 tCO2/ year)

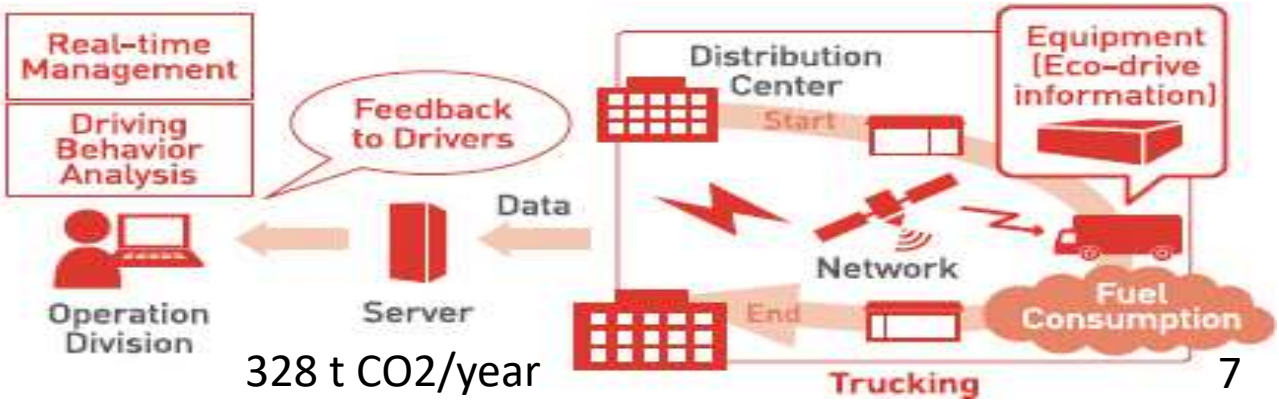




Eco-driving by Utilizing Digital Tachograph System Project

In this project, 130 trucks in use by NIPPON EXPRESS (VIETNAM) are fitted with an eco-drive improving system using digital tachographs,.

The drivers are given advice in order to improve their driving behavior based on the analyzed data, information sent from digital tachographs; so that the quantity of fuel consumption, transportation will be managed more efficiently. This is directly linked with reduction in CO2 emissions.



328 t CO2/year

Introduction of Solar PV System at Shopping Mall in Ho Chi Minh

This project strengthens measures to save energy of the shopping mall in Ho Chi Minh City by introduction of photovoltaic power generation system on the roofs of car parking area and bicycle parking space for 100% self-consumption and enables reduction of power consumption and CO2 emissions.

This shopping mall also introduces high efficiency equipment to strengthen measures to save energy as the “Low-carbon shopping mall”. This project conforms to the environmental policy of the Vietnamese government and is expected to spread out as a model case.

Image of the shopping mall in Ho Chi Minh City

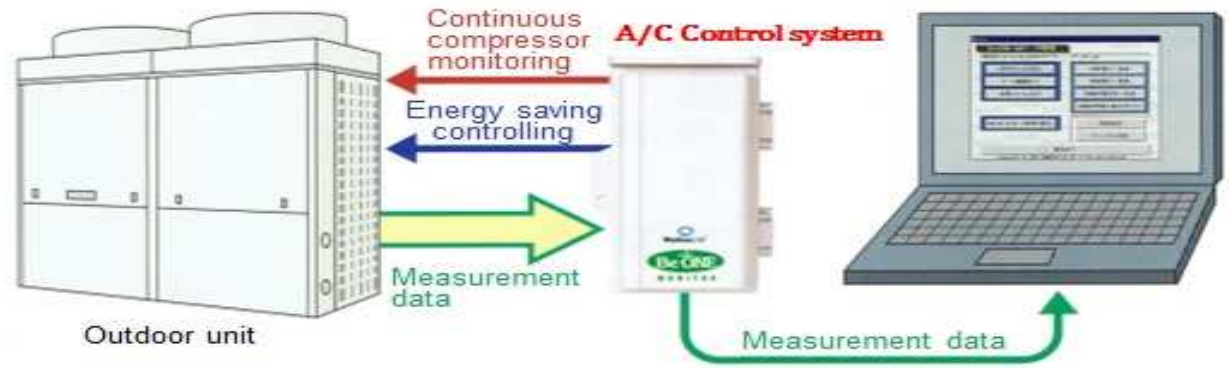
Solar PV System installing into parking area for cars and bicycles

Expected GHG Emission Reductions 274 tCO2/ year

Introduction of High Efficiency Air-conditioning in Hotel

This project introduces “Air conditioning control system" to air conditioners in six component factories in Vietnam.

This system can be introduced to existing facilities and realizes energy-saving by preventing excessive cooling without impairing comfortableness.



Expected
GHG Emission
Reductions
4,681 tCO2/ year

Lesson Learnt

-In order to facilitate efficiency of city to city cooperation in case of Vietnam:

+ The line-ministries and cities should identify the priority areas for cooperation, identify needs/criteria for technology transfer to cooperate well with proper partner cities.

+ JCM is now important channel for existing projects; development, expansion of JCM is therefore important.

Lesson Learnt

- As entities of a nation, Cities plays big role in common national effort in reducing GHG reduction towards low-carbon, green growth and implement commitment in iNDCs;

- City-to-city cooperation is one way to contribute to reducing GHGs in large scale through technology transfer, urban planning support, know-how transfer.

-HCM-Osaka Cooperation Model can be applied widely for other cities in Vietnam and Japan.

THANK YOU VERY MUCH FOR YOUR ATTENTION