

HCMC-Osaka City Cooperation Project for Developing Low-Carbon City

Osaka City Government *Ken Izumi*

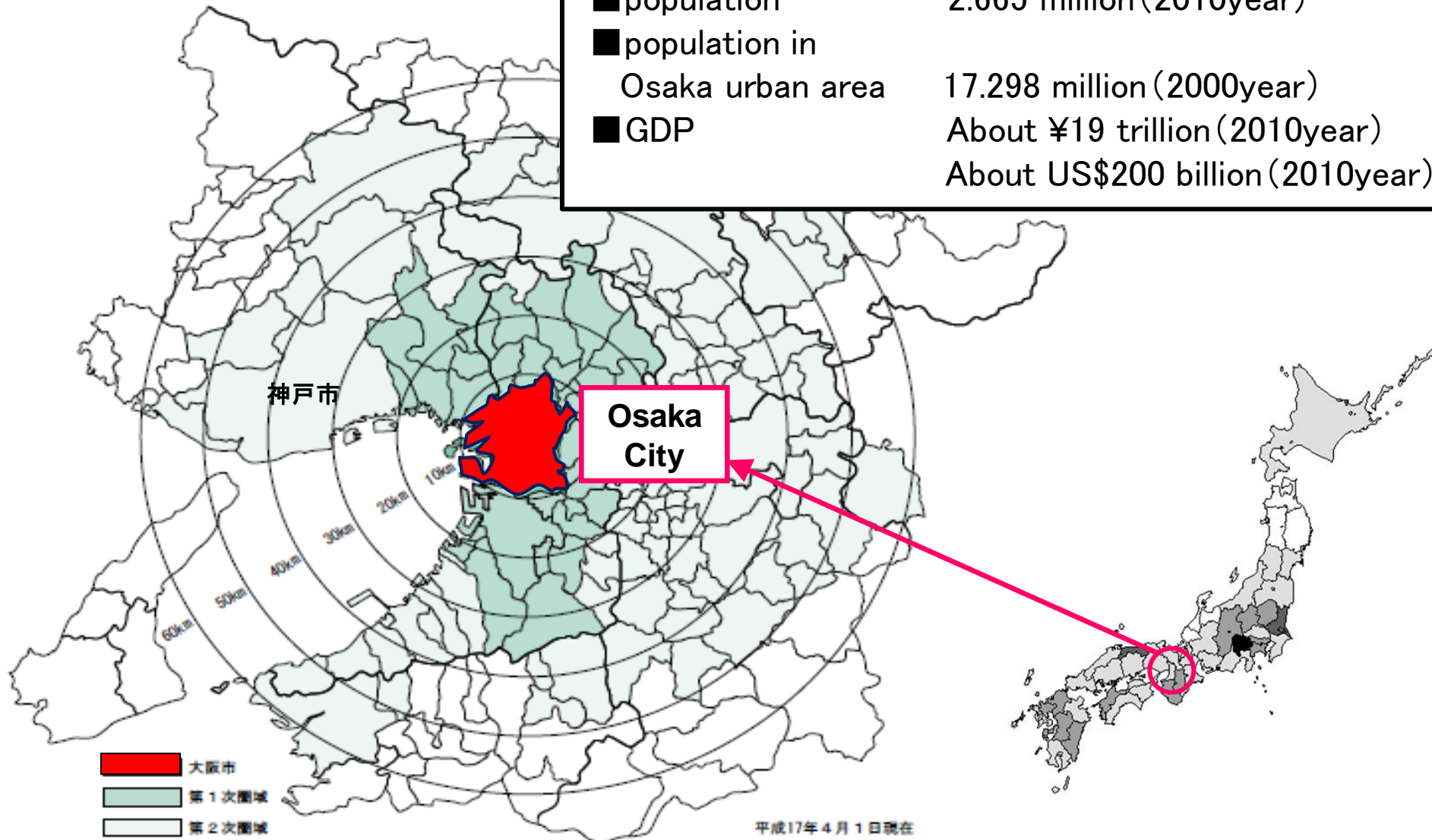




Osaka City

Location of Osaka City

■ Area	223km ² (2013year)
■ population	2.665 million (2010year)
■ population in Osaka urban area	17.298 million (2000year)
■ GDP	About ¥19 trillion (2010year) About US\$200 billion (2010year)





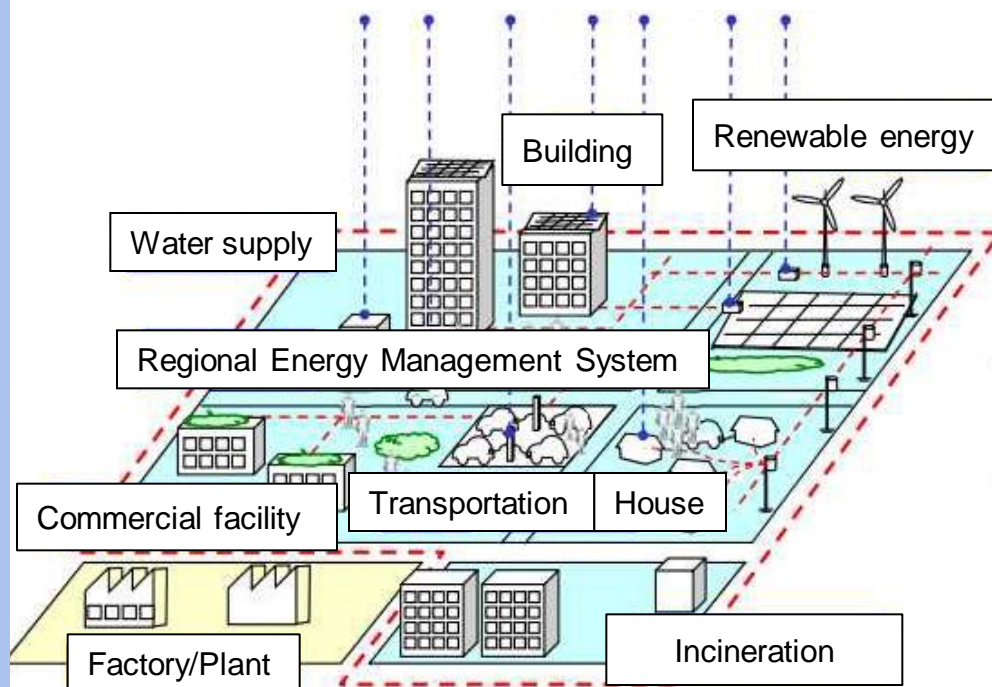
Osaka City

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Osaka city- Ho Chi Minh City
Cooperation

Japanese low carbon technologies



To intended activities to “city planning”

Adapted from : Ministry of the Environment

Based on Osaka city-Ho Chi Minh City Cooperation

- To support environmental technologies and environmental administration expertise of Osaka as package



Osaka City

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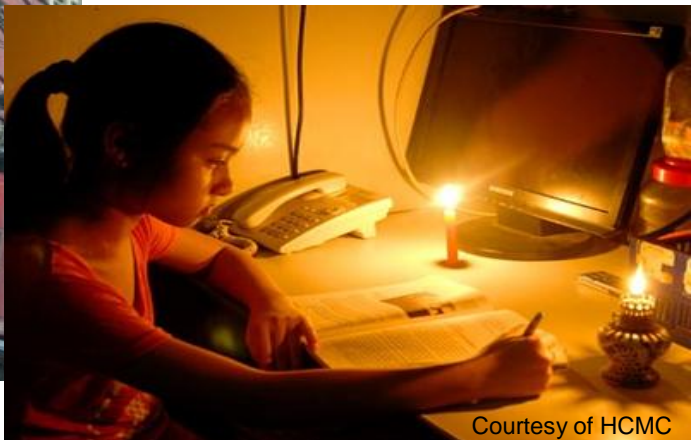


Climate Adaptation Strategy Ho Chi Minh City

moving towards the sea with climate change adaptation



Courtesy of HCMC



Courtesy of HCMC



Courtesy of HCMC

Major Events in Fiscal Year 2013



Official Launching Workshop
(12th July, 2013 in HCMC)



Discussion
(Sept. 2013 in HCMC)



Discussion
(November, 2013 in Osaka City)



出典: 地球環境センターHP

International Symposium
(21st October, 2013 in Osaka City)



Study Debriefing
(14th February, 2014 in HCMC)

Changes in GDP of Osaka

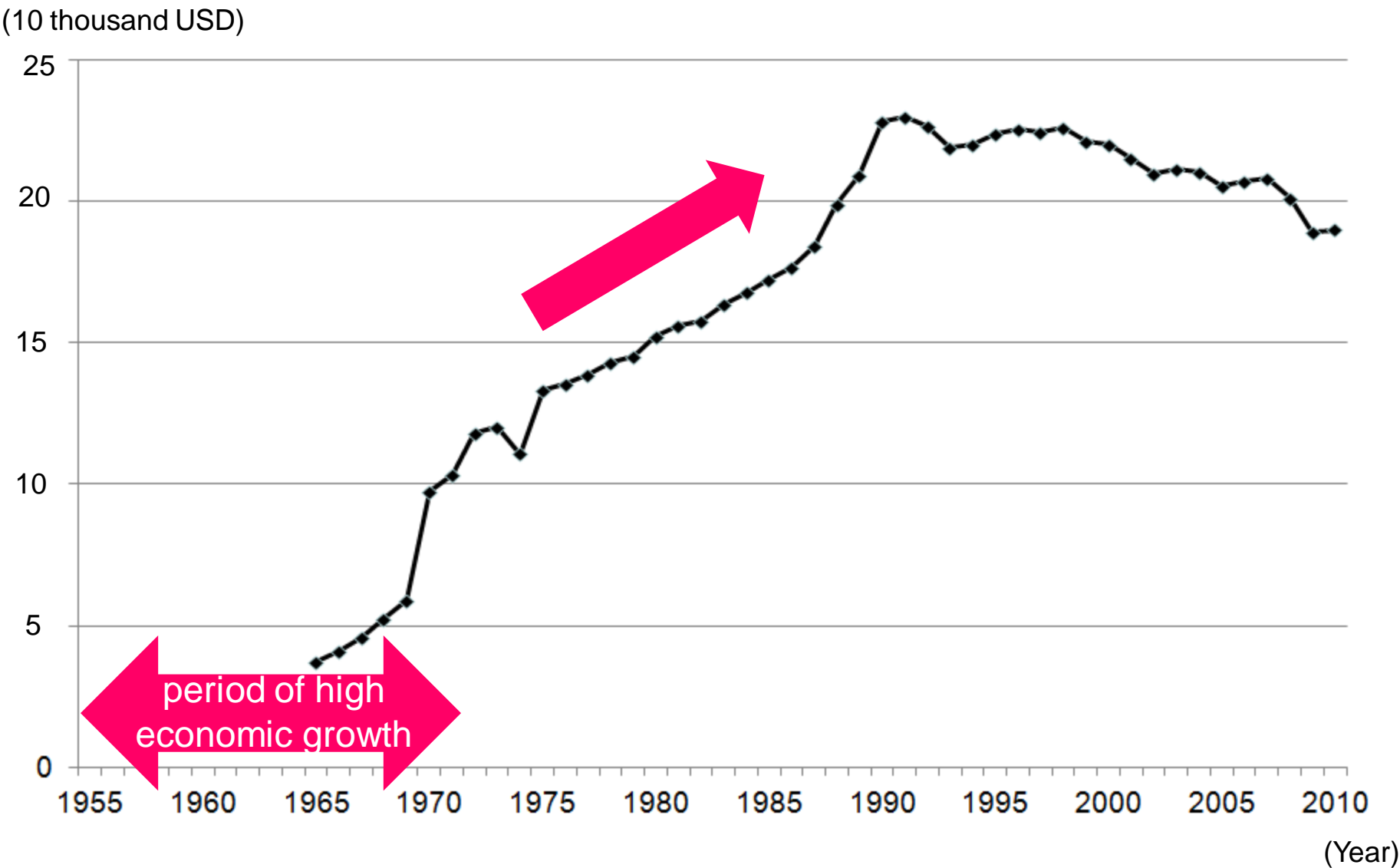
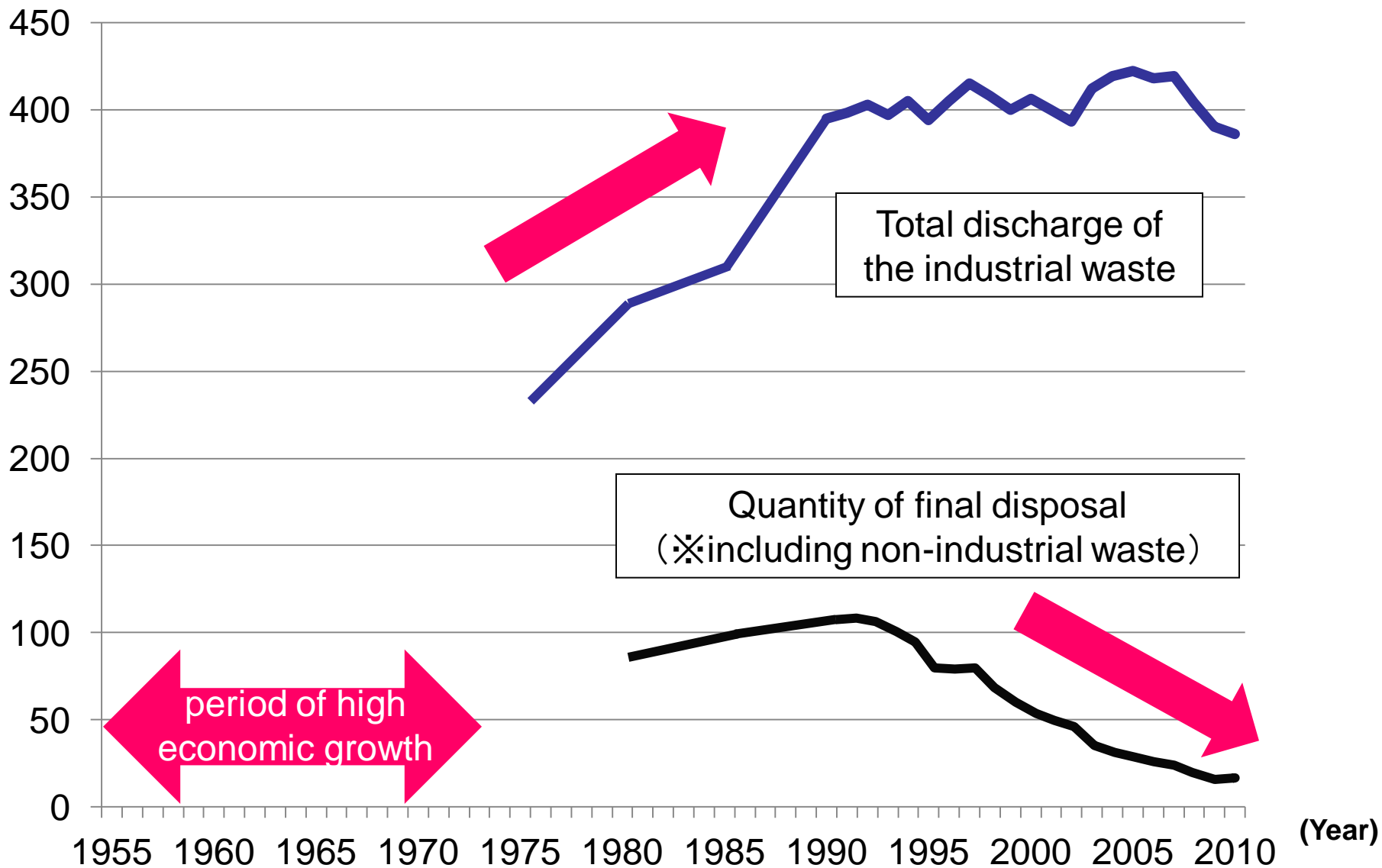


Fig. Changes in real GDP of Osaka



Changes in total discharge of the industrial waste and quantity of final disposal in Japan

(megaton)





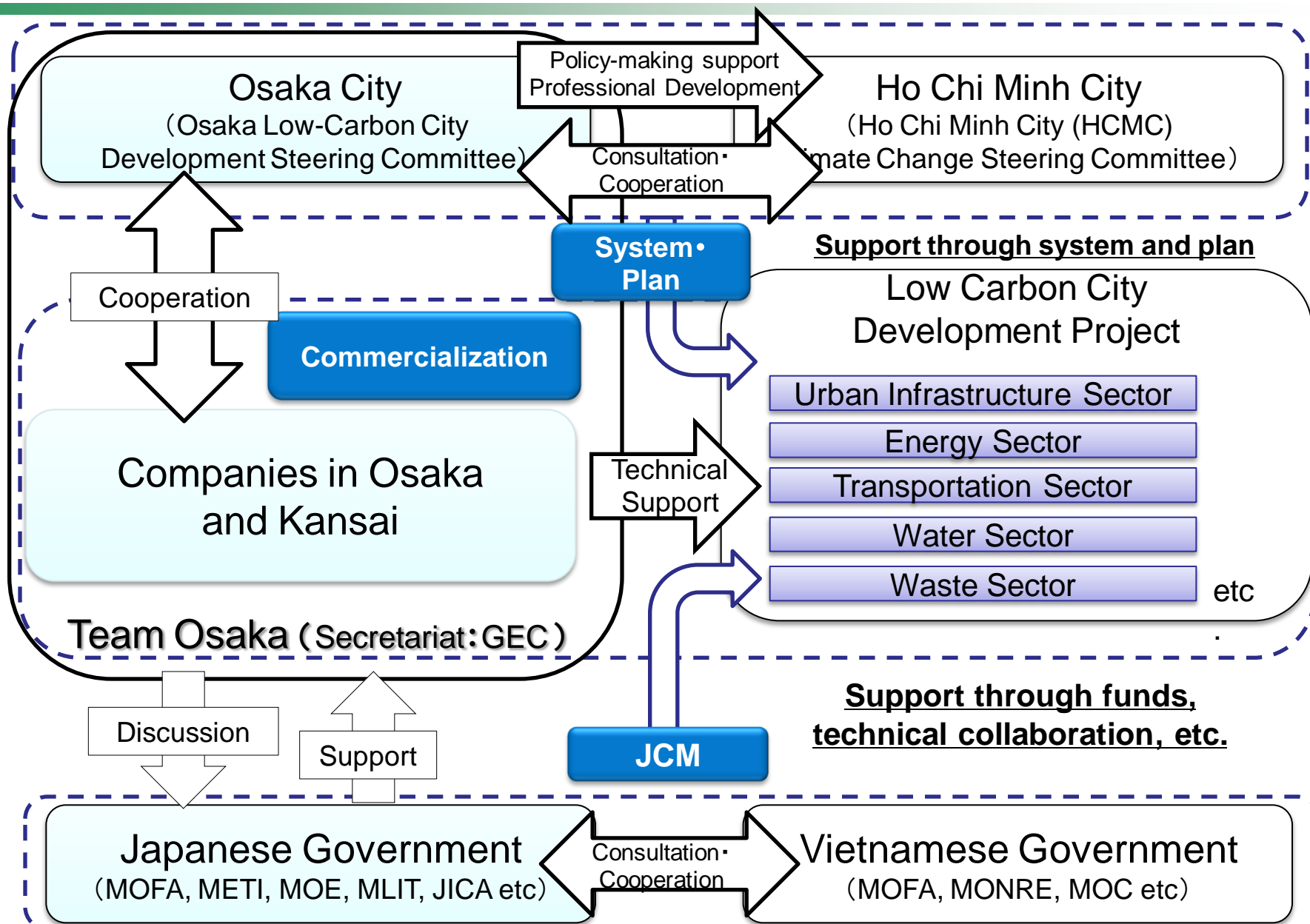
MOU on Developing Low Carbon City b/w HCMC and Osaka



- Signed by Osaka City Mayor and Chairman of Ho Chi Minh City People's Committee on October 22, 2013
- The MOU agreed to do the followings until 2015:
 - Elaborate HCMC's Climate Action Plan by 2015 in collaboration
 - Hold Annual Mayor-level Policy Dialogue for promoting projects
 - Promote JCM projects and investments in identified priority areas on mitigation and adaptation in HCMC



Directionality of support for HCMC from Team Osaka

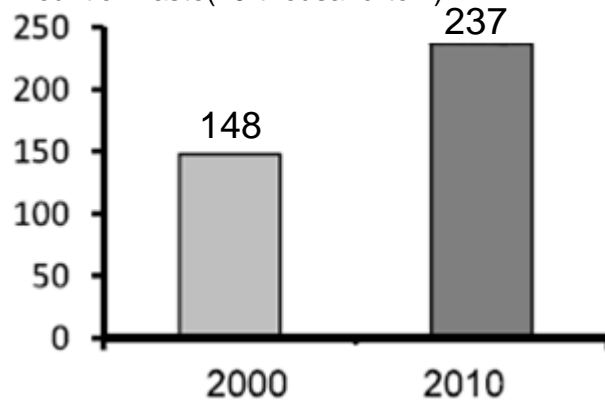


Reduction of the waste

■ Increase of waste in HCMC

- Economic growth
- Population growth
- Urbanization

Amount of waste(10 thousand ton)



Courtesy of MOEJ

■ Tight final disposal ground



■ Introduction of incineration facilities



Middle processing facilities (incineration facilities) for reduction of the waste are important.



Safe, Secure and Smart Urban Development

Making future new urban development as a model district, environmental technology that inhabitants can spend for relief and security will be introduced in whole area.

1 Flood measures

- Improvement of the ability to flow down、Retainment and outflow restraining of rainwater、Preparation and dissemination of information about flood

2 Smart mobility

- Community cycle system (sharing of electric motorcycle ▪bicycle)

3 Smart energy

- BEMS、HEMS、Renewable energy、Smart home electric appliance、Smart meter



This project is, in short,

- **Example of City to City Cooperation for HCMC, in close cooperation with the Nat'l Governments of both countries**
- **Utilizing JCM (Joint Crediting Mechanism) for realizing local benefit as well as global benefit**
- **Integrated Support, including:**
 - Support for planning
 - Capacity Building
 - Technology Transfer