

Promotion of Eco-Industrial Parks Toward Carbon Neutrality in Hai Phong City

City-to-City Collaboration between Kitakyushu City and Hai Phong City, 2021

Kitakyushu City
Hai Phong City
Institute for Global Environmental Strategies

Webinar on the Joint Crediting Mechanism (JCM)
Implementation in Viet Nam, December 17, 2021



Collaboration background

2009 2010 ... 2014 2015 2016 2017 2018 2019 2020

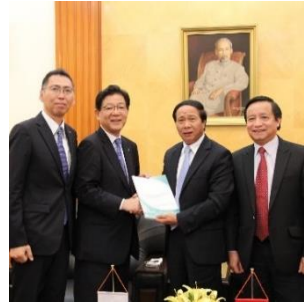
Cultural exchange, Business exchange (JICA)

Water and sewage (JICA, CLAIR)

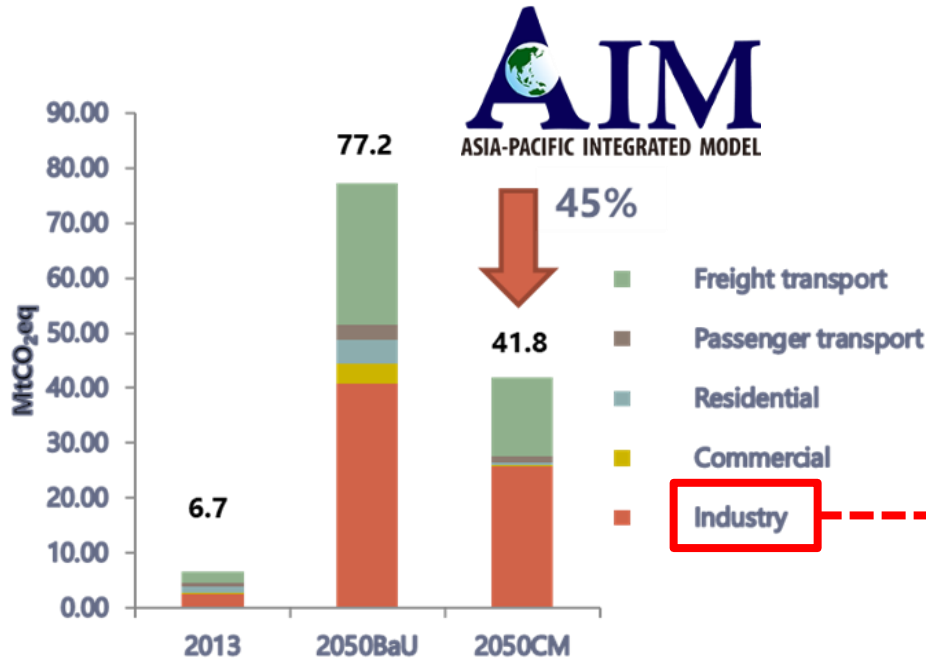
Low carbon technology (MOEJ C2C)

Composting (city budget)

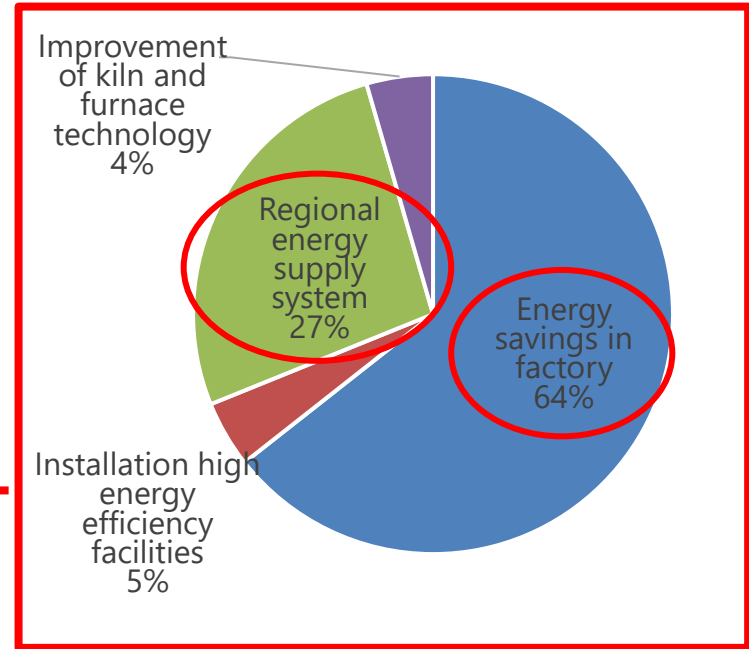
- MOU on friendship cooperation
- MOU on sister city agreement
- MOU on technical cooperation of water and sewage sector
- Green Growth Promotion Plan
- Installation of EV bus in Cat Ba Island
- MOU with NCK & Deep C



GHG reduction needs in Hai Phong



Low carbon scenario in Hai Phong city



GHG reduction potential in Green Industry sector

Commitments at the COP26

- Both **Japan** and **Viet Nam** pledged to strive for **carbon neutrality by 2050**
- Both **Kitakyushu** and **Hai Phong** also committed to strive for **zero carbon cities**

“Kitakyushu will continue to provide support in finding solutions to issues by deploying our environmental technologies overseas.”

“..., we will certainly continue to work hand in hand with Kitakyushu city to realize a zero carbon city.”



Japanese Prime Minister
Fumio Kishida

https://www.mofa.go.jp/ic/ch/page6e_000257.html

World Leaders Summit
(Nov. 2nd, 2021)



Vietnamese Prime Minister
Phạm Minh Chính

<https://vietnamnews.vn/environment/1071075/viet-nam-strives-to-achieve-net-zero-by-2050-with-international-support-pm.html>

Climate Summit
(Nov. 1st, 2021)



Kitakyushu City Mayor
Kenji Kitahashi

Side Event “Leading efforts towards achievement of zero carbon cities”
(Nov. 2nd 2021, Organized by MOEJ, IGES, ICLEI, OECD)



Deputy Director of DOFA
Dung Nguyen Thi Bich

Project outline

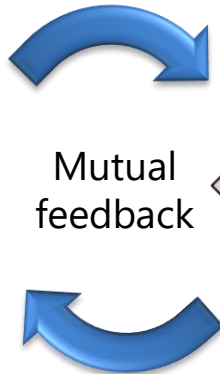
Know-how transfer

Project development

Expected outcome

Kitakyushu city's knowhow on 100% RE

Kitakyushu city's knowhow on eco-town development



Energy saving

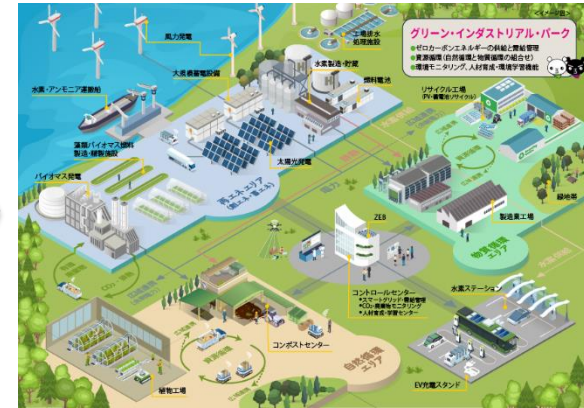
Renewable energy

Smart energy

Energy recovery from waste



Zero Emission Industrial Estates



- ✓ Accreditation to Eco-Industrial Park
- ✓ Zero-emission industrial estates
- ✓ Decarbonization domino
- ✓ Localizing SDGs in industrial estate



Goal & Strategy



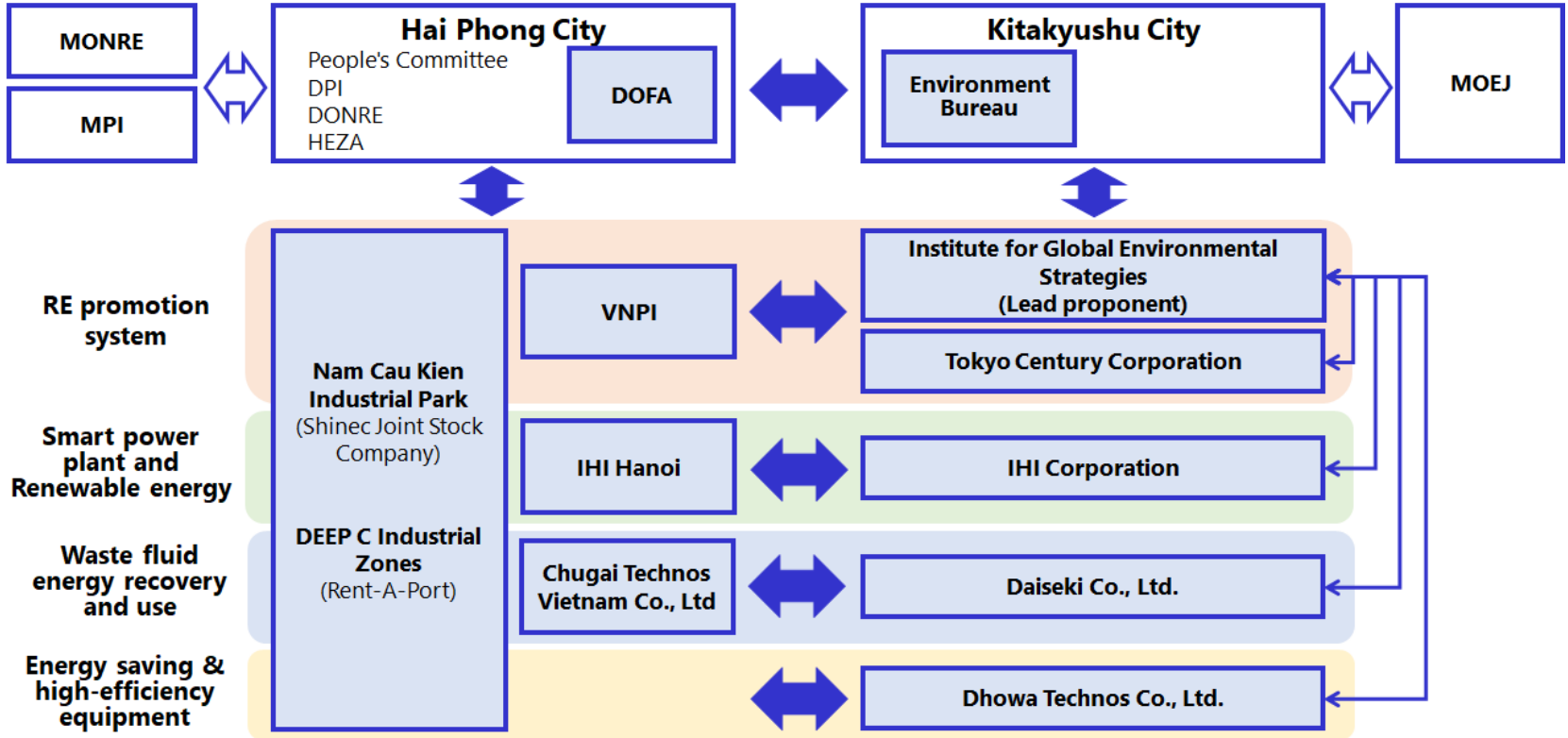
Policy dialogue on zero carbon cities



Vietnam side



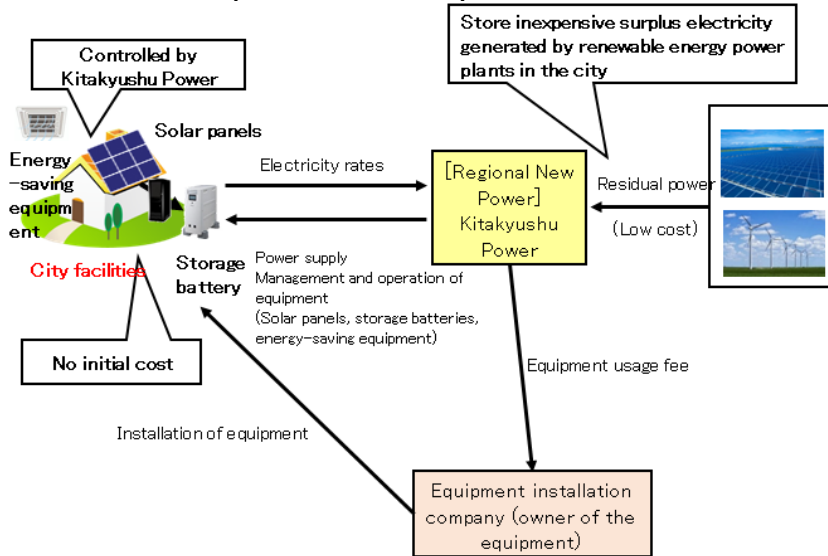
Japan side



System to enhance RE installations

Public facilities (Kitakyushu city)

Kitakyushu Model for 100% RE



Industrial estates (Hai Phong city)



Energy saving & high-efficiency equipment

JCM feasibility studies *Eco-Industrial Park*



Resource efficiency

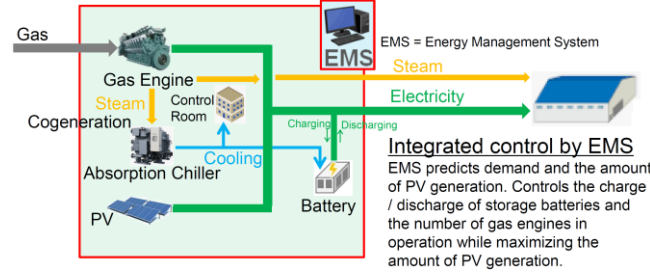
Renewable energy



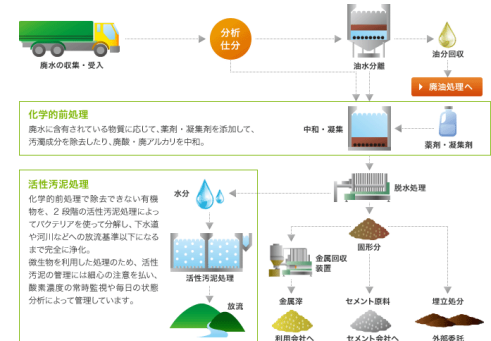
Cleaner production

Industrial symbiosis

Smart Power Plant



Waste fluid energy recovery & use



Thank you!

For further inquiries:

Overall project

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