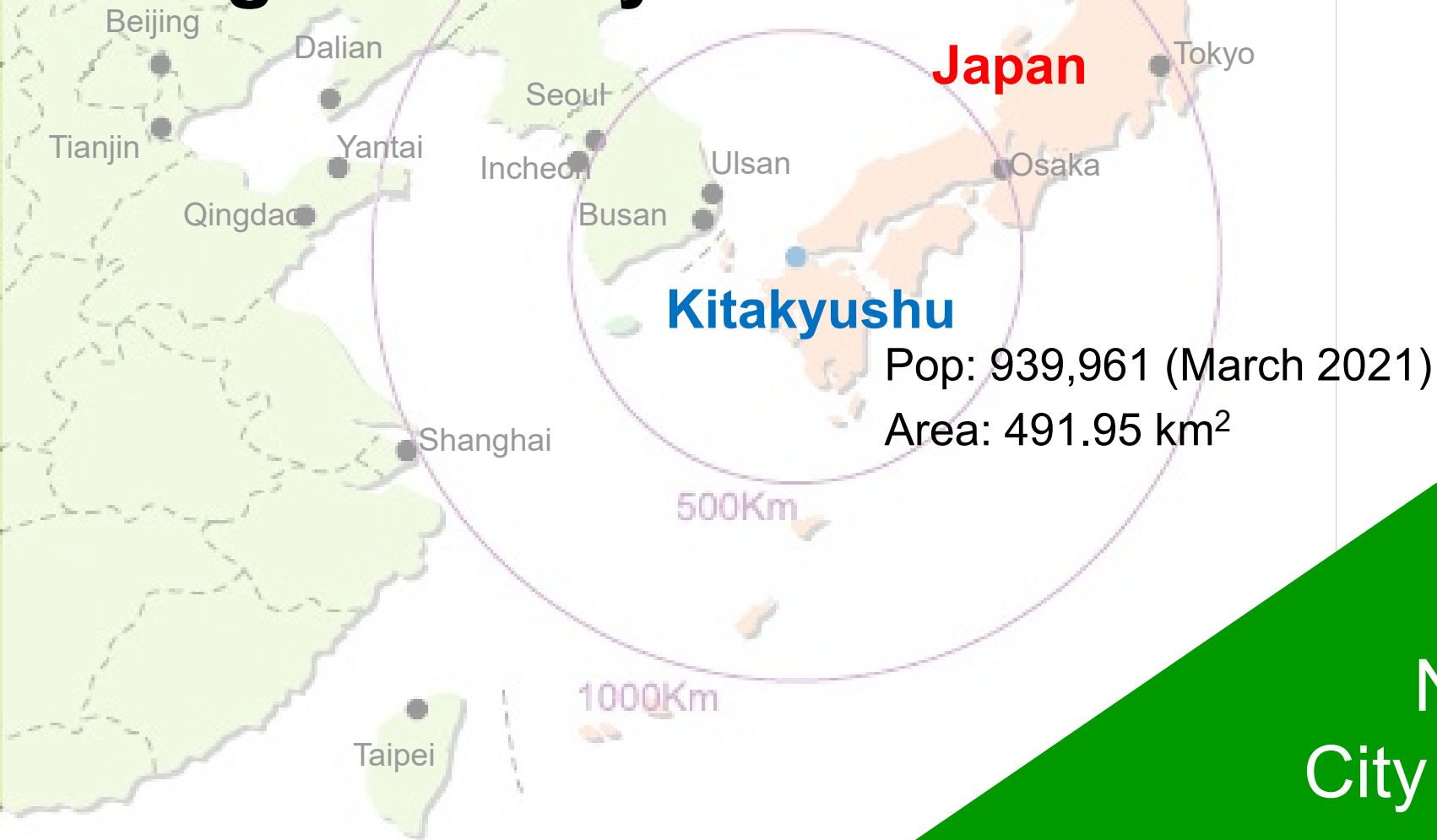


Global Expansion of Decarbonization by Kitakyushu City through Intercity Collaboration



November 2, 2021
City of Kitakyushu, Japan

Experience in Overcoming Pollution & Environmental Policies



Declaration as a “Zero Carbon City” After Selection as Model City in Different Programs

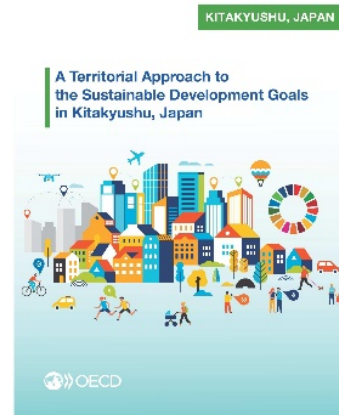
2009 Certified as **Eco-Model City**

2011 Selected as **FutureCity**
Selected as Model City in OECD Green City Programme
International Strategic Comprehensive Special Zone

2018 Selected as **SDGs FutureCity**
Selected by OECD as SDGs Global Model City

2020 **Zero Carbon City Declaration**

2021 **Climate Emergency Declaration**



Building a model for
decarbonization for
industrial cities

Expand throughout
Japan and overseas

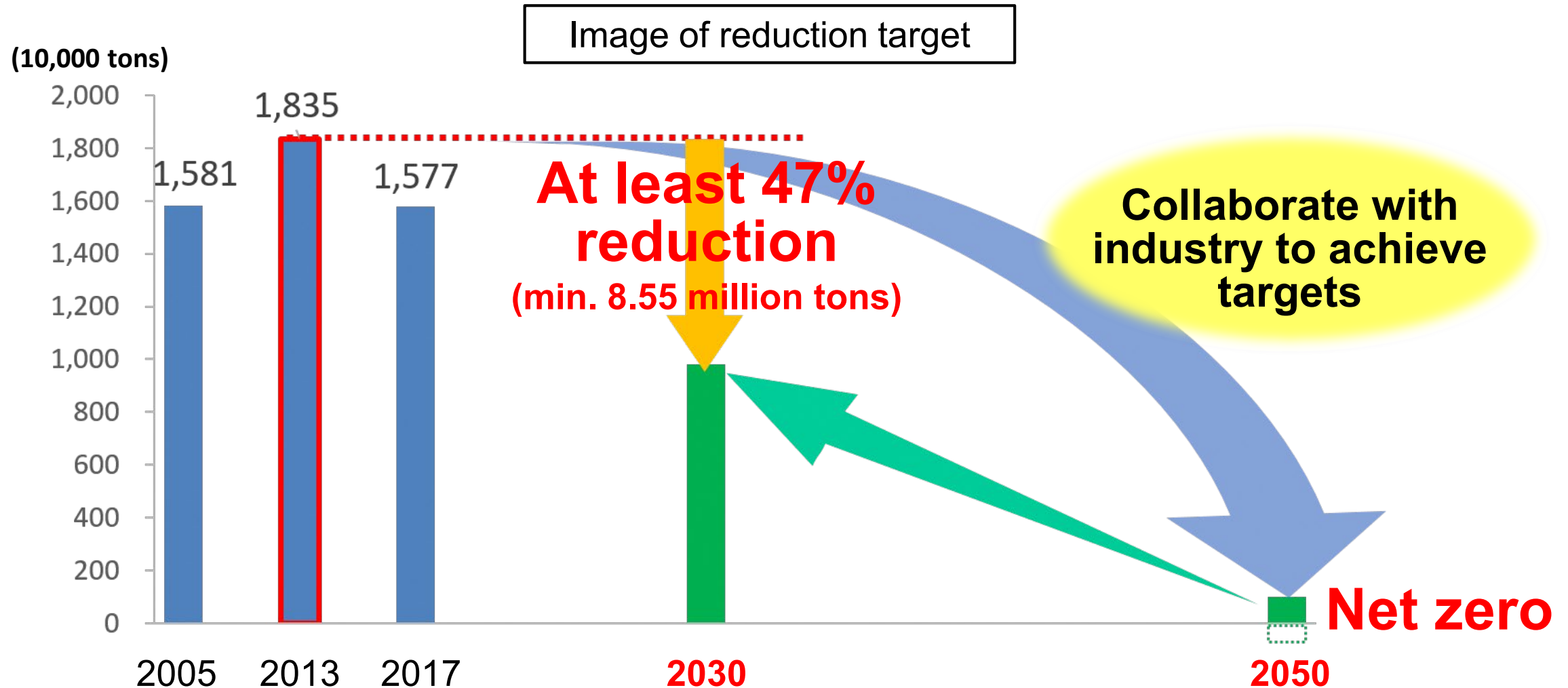
Kitakyushu's Ambitions as a Zero Carbon City

2050 (Goal)

FY 2030 (Target)

Aim for net zero greenhouse gas emissions in city

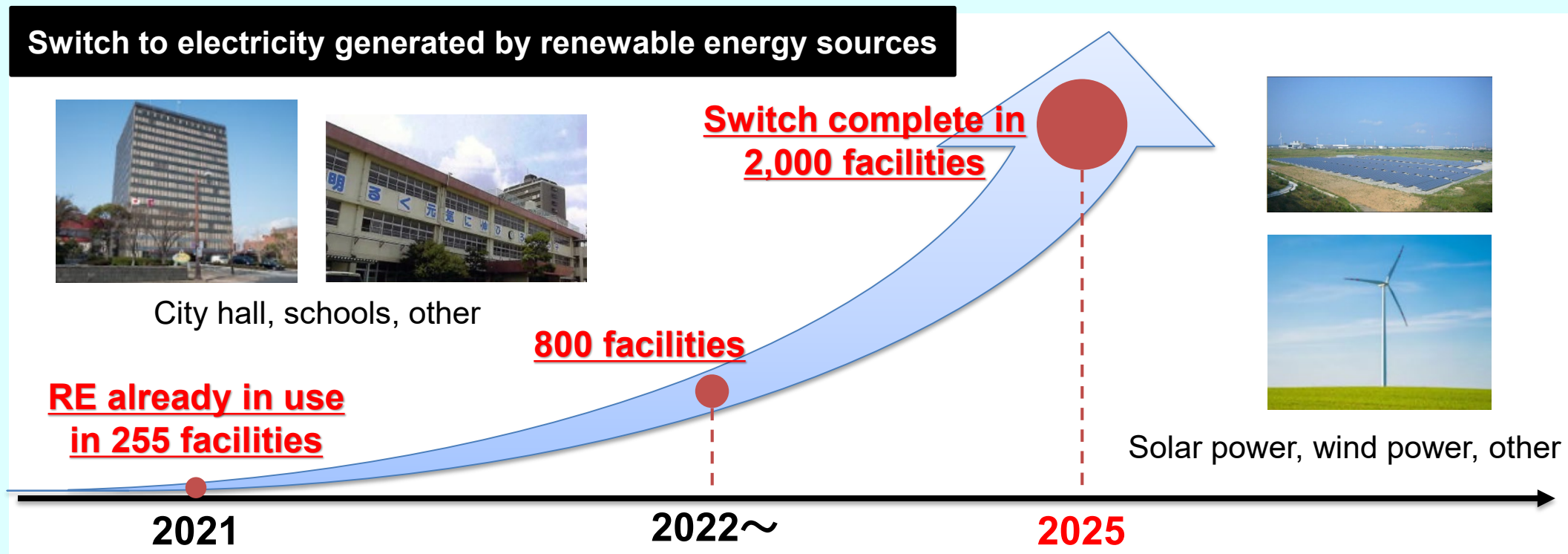
At least 47% reduction from FY 2013 levels





Kitakyushu Model for 100% Renewable Energy

- 1 Fastest* conversion of public facilities to 100% renewable energy in Japan
(*Prefectures and designated cities)



- 2 Installation of solar + energy storage facilities and procurement on-site through third-party Power Purchase Agreements (PPA)

Extensive international cooperation in terms of environmental conservation

Partnerships with Asian countries for mutual prosperity

Status of projects for low-carbon development in Asia

16 countries and regions, 84 cities

238 projects

Over JPY 25 billion

Trainees accepted:

9,956 people from 166 countries

Experts dispatched :

215 people to 25 countries

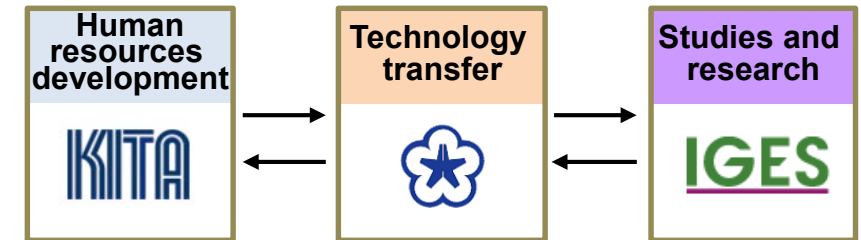


Air pollution survey
in Mongolia



Promoting the project of
composting kitchen scraps
in Surabaya, Indonesia

Asian Center for Low Carbon Society



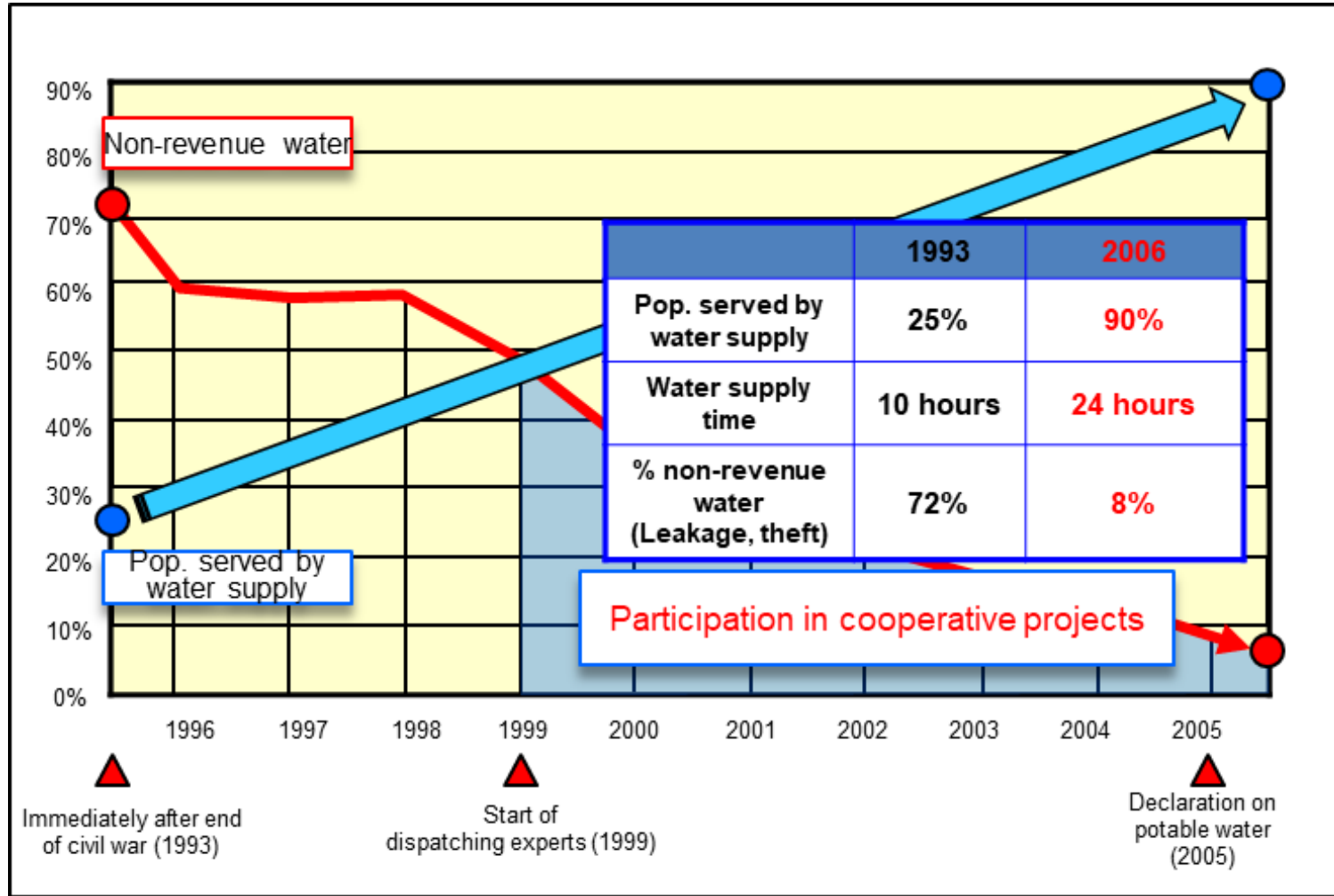
Mutual collaboration

Kitakyushu's know-how



**Promoting low-carbon
development in Asia
through eco-business**

“Phnom Penh Miracle” gained worldwide acclaim



Technical guidance provided on-site by staff from Kitakyushu

Phnom Penh has become one of a few cities in Asia where tap water is drinkable!

Cooperation with Haiphong City, Vietnam



2014

Sister City Agreement signed

between the cities of Haiphong and Kitakyushu

Key policies



2015

Completion of Haiphong City's

Green Growth Promotion Plan

Joint implementation of 15 pilot projects since 2015 based on the promotion plan



2019

Eco-Industrial Park Plan

MOU signed by 3 stakeholders

Vietnam Ministry of Planning & Investment, Haiphong City, Kitakyushu City

Formation of a powerful partnership!!

Kitakyushu



Haiphong

Ambition to Contribute to Global Decarbonization

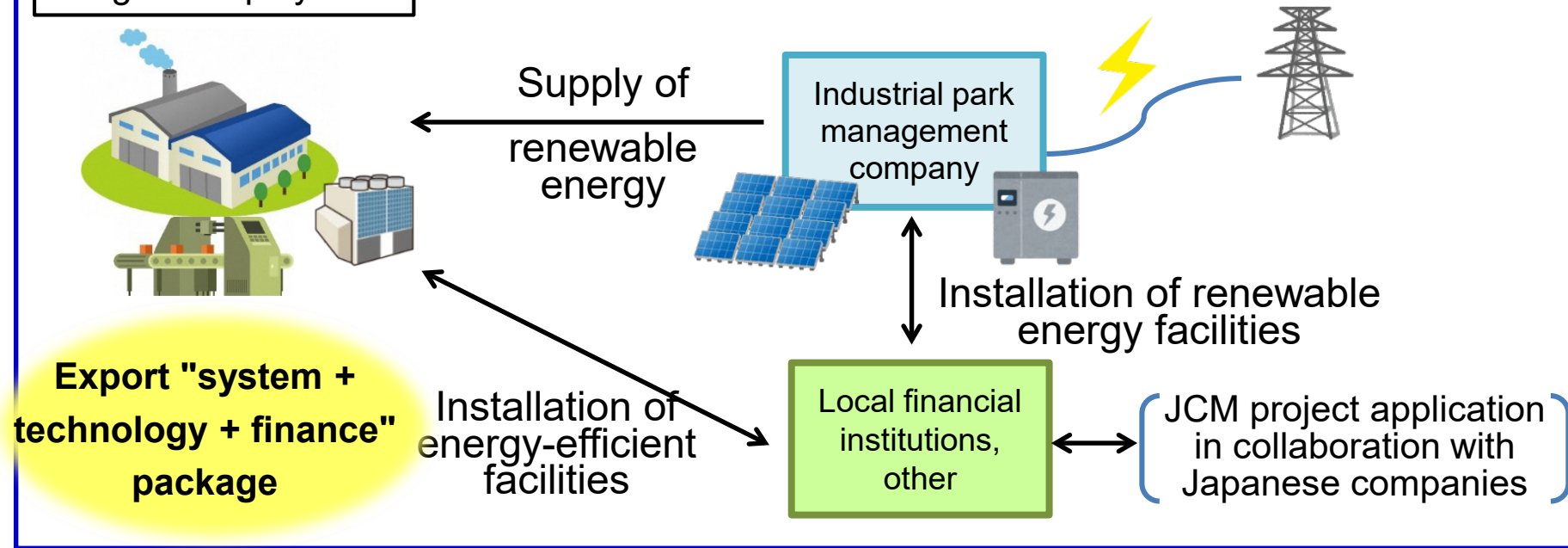
Project on the formation of an eco-industrial park to promote decarbonization in Haiphong City, Vietnam (Supported by the Ministry of the Environment, Japan)

Kitakyushu Model for 100% Renewable Energy

Customized and deployed

Industrial park in Haiphong

Image of deployment



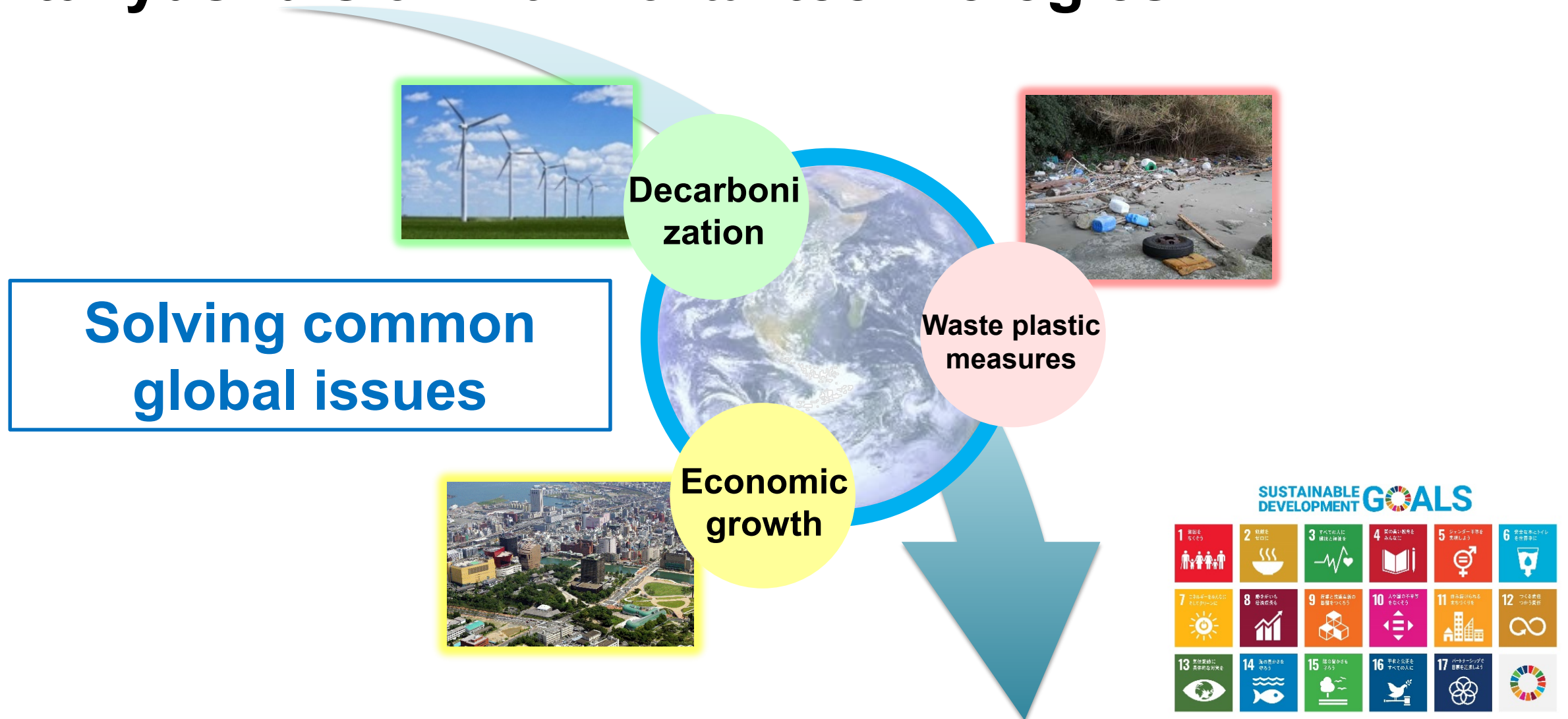
Customized and deployed

To other regions

To other regions

Decarbonization domino effect!

Kitakyushu's environmental technologies



and helping the world achieve the SDGs!!