

Initiatives of "Environmentally Conscious Future City Kitakyushu City" for Promotion of the SDGs



October 4, 2017

Kenji Kitahashi, Mayor of Kitakyushu City

Today's talk

- (1) Our journey and outcomes to date as
"Environmentally Conscious Future
City Kitakyushu City"**
- (2) Status of initiatives for promotion of
the SDGs**

1. What is "Kitakyushu City Environmentally Conscious Future City"?

Utilizing the "strengths of Kitakyushu City" to become an "issue-solving model city"!!

[Issues of this city (= future Japan)]

- Population decline
- Aging
- Changes to industrial structure, etc.

[Strengths of this city]

- "Manufacturing" technology
- Experience of "overcoming pollution"
- "Citizen power" (citizens' groups, residents' associations, NPOs, etc.)

[Response to environmental issues]

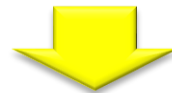
- (i) Low carbon and energy-saving city
- (ii) Environmental conservation in Asia
- (iii) Conservation of the natural environment and biodiversity
- (iv) Formation of a resources recycling center

[Response to super-aging]

- (i) Promotion of health-building in the nearby region
- (ii) Enhancement of the emergency medical care and rehabilitation systems
- (iii) Building region-wide mechanisms to protect children and the elderly
- (iv) Building an environment enabling child-rearing and education with peace of mind

[International environment business and disaster area reconstruction support]

- (i) Overseas expansion of city infrastructure with Kitakyushu Asian Center for Low Carbon Society at its core
- (ii) Support for reconstruction of the disaster area



Toward "Environmentally Conscious Future City Kitakyushu"

2. Initiatives of Kitakyushu City Environmentally Conscious Future City (i) "Building a New Mechanism to Support the Region"



■ Visualization of "regional issues" and cross-sectoral initiatives

- **Qualitative and quantitative growth of regional issues** (crime prevention, disaster risk reduction, measures for the elderly, child-rearing, building health, etc.)
- **Lack of people to carry out regional activities** (declining birthrate/aging, dilution of regional communities, etc.)

Solutions to regional issues using complex and cross-sectoral approaches as an "Environmentally Conscious Future City"

- **Cross-sectoral solutions** with respect to multiple issues
- **Issue solutions for which diverse entities** such as regions, NPOs, companies, etc. **collaborate in a cross-sectoral manner**

Discussions in the consortium



Debate and studies in all 13 plenary meetings, etc.

Model business (workshop)



Holding of a workshop by multiple experts based on a multifaceted perspective

Model business (applied in a regional event)



"Parent & Child Loud Voice Event" leading to crime prevention, which families can enjoy participating in

■ Main outcomes

- Expansion of the "model business (visualization of regional issues)" to other regions
- "Promotion of ESD" that tackles issues city-wide and in a cross-sectoral manner transcending the region

2. Initiatives of Kitakyushu City Environmentally Conscious Future City (ii) "Kitakyushu City Regional Energy Hubs Development Project"



General showroom for diverse energy supply [Hibikinada area]



■ Main outcomes

- Establishment of regional energy company "Kitakyushu Power Co., Ltd." (2015. 12)
 - Installation of a biomass power station and decision of its operator (preferred bidder) (2016. 8)
 - Installation of the Hibikinada offshore wind power generation facility and decision of its operator (2017. 2)
- (Plan: a maximum of 44 turbines, total operating expenses of 175.0 billion yen)



Kitakyushu Power Co., Ltd.

2. Initiatives of Kitakyushu City Environmentally Conscious Future City (iii) “Overseas Expansion with the Kitakyushu Asian Center for Low Carbon Society at its Core”

Three strengths connecting to Asia

- (i) Experience of overcoming pollution
- (ii) Environmental and energy technology
- (iii) Friendly relationship

Surabaya City (Indonesia)

November 2012 "Green Sister City Partnership"

Haiphong City (Vietnam)

April 2014 "Sister City Agreement"

Phnom Penh Capital City (Cambodia)

March 2016 "Sister City Agreement"

Davao City (Philippines)

November 2016 "Strategic Environmental Partnership Agreement"

■ Main outcomes

○ Exporting of comprehensive urban planning utilizing the "Kitakyushu model" including waste management, energy, water supply and sewerage systems, environmental conservation, etc.

(FS study: Indonesia and 4 other countries; business support: Indonesia and 8 other countries; consulting services: Cambodia and 4 other countries)



Ceremony to conclude the Sister City Agreement with Phnom Penh Capital City



Waste Sorting and Intermediate Treatment Facility (Surabaya City)

2. Initiatives of Kitakyushu City Environmentally Conscious Future City (iv)

"Expansion of Overseas Water Businesses through Public-Private Partnerships"



● International technical cooperation

Dispatching experts to each country
Receiving trainees from each country

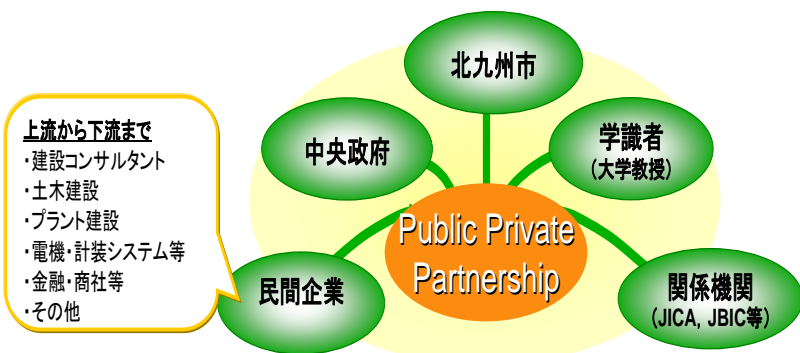
- Water supply and sewerage systems that contribute in Japan and overseas
- Accumulation of experience and know-how
- Human resources development
- Formation of a human network



Technical cooperation in Cambodia

● Overseas water businesses

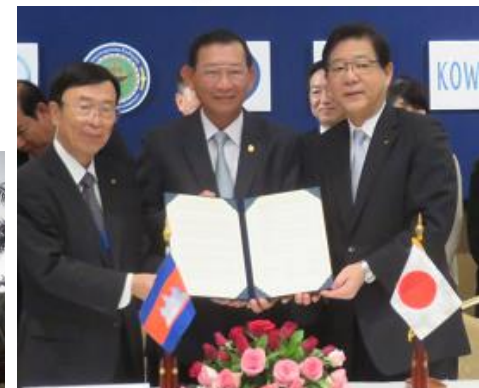
Expand overseas water businesses primarily in Vietnam, Cambodia, and Indonesia, through partnership with the Kitakyushu Overseas Water Business Association



Kitakyushu Overseas Water Business Association



U-BCF completed in Vietnam



Conclusion of a Memorandum of Understanding with the Cambodian Ministry of Industry and Handicraft

■ Main outcomes

- Number of water business orders received: 51 (as of 2017. 8)
(Cambodia, Vietnam, Indonesia, Myanmar, China)
- Bringing about the "Miracle of Phnom Penh"

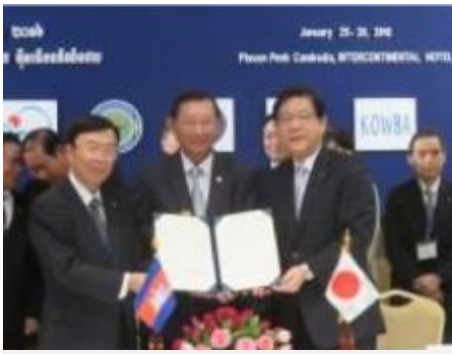
3. Outcomes of Kitakyushu City Environmentally Conscious Future City

Become a city recognized by the world for “promotion of cross-sectoral measures”!



Energy production center in the region

[Environment, industrial economy, ports]



Overseas water businesses

[Water supply and sewerage systems and the environment]



Jono Zero Carbon Advanced City

[Architectural city, construction, environment]



Outcomes of cross-sectoral initiatives



Kitakyushu Energy Ministerial Meeting

Held May 1~2, 2016

“Overcoming pollution” recognized by the world



Overcome pollution to become a “modern city of green energy”



Transmit "Environmentally Conscious Future City Kitakyushu City" to the world!

4. The relationship between "Kitakyushu City Environmentally Conscious Future City" and the SDGs

Transmit "Kitakyushu City" to the world

SUSTAINABLE DEVELOPMENT GOALS
17 GOALS TO TRANSFORM OUR WORLD



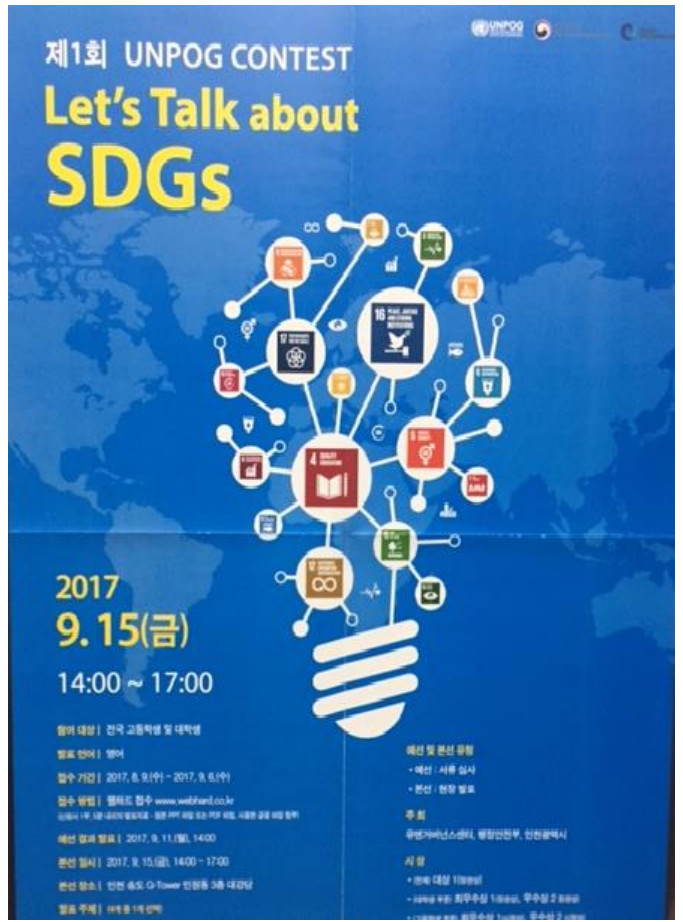
- The SDGs are the "world's shared goals"
- Many of the 17 "goals" are related to the existing measures of the "Kitakyushu City Environmentally Conscious Future City"

<Main initiatives of Kitakyushu City Environmentally Conscious Future City>

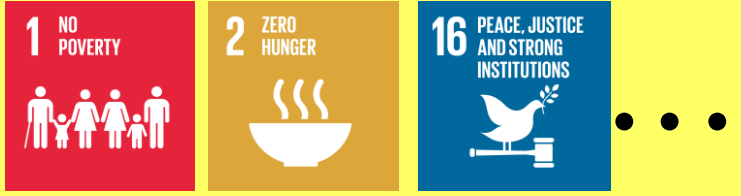
- Kitakyushu City Regional Energy Hubs Development Project [Environment: low carbon and energy-saving]
- Jono Zero Carbon Advanced City Development Project [Environment: low carbon and energy-saving]
- Japan-China Joint Project for Air Pollution and Energy Saving Measures [Environment: water and air]
- Overseas Water Businesses through Public-Private Partnerships [International environmental businesses]
- Multigenerational Exchange Project to Build Healthy and Happy Elderly People [Super-aging], etc.

5. What are the "SDGs" I am thinking about...

SUSTAINABLE DEVELOPMENT GOALS 17 GOALS TO TRANSFORM OUR WORLD



These are not only the problems of developing countries; **they are our problems today!**



6. Initiatives of Kitakyushu City for promotion of the SDGs (i)

"Education for citizens (to raise citizens' awareness of the SDGs)"

<Holding of a public symposium>

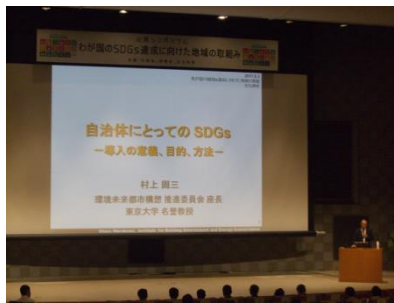
[Overview of the symposium]

“Japan’s Regional Initiatives for Achievement of the SDGs”

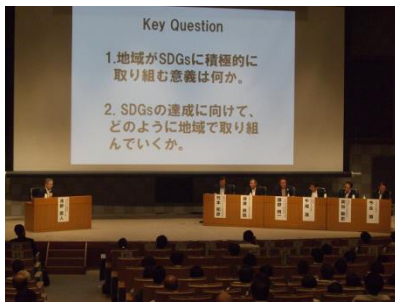
- Date held: June 3, 2017 (Saturday)
- Venue: Kitakyushu International Conference Center
- Organizers: Ministry of Foreign Affairs, Ministry of the Environment, Kitakyushu City
 - ★ This is the first time in Japan that two ministries and a local government have organized a symposium ★
- Participants: approximately 500 citizens
- Content
 - Keynote lecture "SDGs for local governments: the value, purpose, and method of their introduction" Dr. Shuzo Murakami, President, Institute for Building Environment and Energy Conservation (IBEC)
 - Keynote lecture “The SDGs and basic environmental plan seen in terms of the Environmental Capital Grand Design” Fukuoka University Professor Emeritus (and Chair of the Kitakyushu City Environmental Council) Naohito Asano
 - Panel discussion, summary, etc.



Speech by Mayor Kitahashi



Lecture by Dr. Murakami



Panel discussion

6. Initiatives of Kitakyushu City for promotion of the SDGs (ii)

“Initiatives for ESD and women's active participation promotion”



“Once-a-Month Gathering,” a citizen exchange meeting organized by university students



Picking up trash in the city, organized by "green bird"

<Initiatives of Kitakyushu ESD Council>
Collaboration of "regions and NPOs + universities"

4 QUALITY EDUCATION



11 SUSTAINABLE CITIES AND COMMUNITIES





ESD lecture for children by university students

<Promotion of women's active participation>
 Meetings in Kitakyushu City affiliated organizations and for municipal government administration (as of 2017. 7. 1)

Female committee member participation rate is over 50%
*** First time in a designated city!**



7. SDGs of Kitakyushu City (summary)

~ Further enhance the initiative "Status of the City" in the SDGs ~

- A United Nations meeting (High Level Political Forum) was held at United Nations Headquarters (New York) (2017. 7)
- Images of the water supply and sewerage system initiatives of Kitakyushu City were transmitted to the world together with Pikotaro



Ministry of Foreign Affairs website

Expanding the measures of "Kitakyushu City Environmentally Conscious Future City"!



Contribute to the "SDGs" and transmit Kitakyushu City to the world!!