

Industrial Development by Using of Local Potential

Smart Usage of Industrial Potential Energy



Large-scale of Photovoltaic Generation on Roofs of Factories



↓ Usage of Abundant potential Energy of Factories ↓



Houses & Buildings

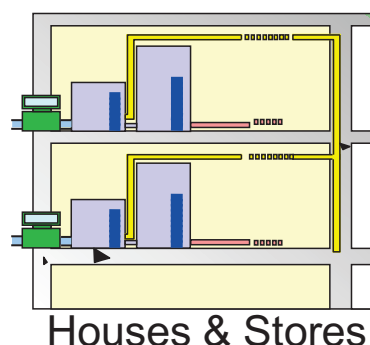
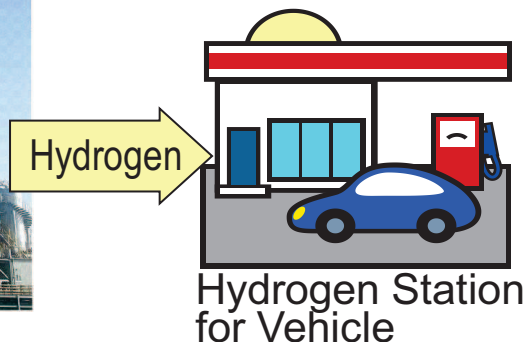


Urban Agriculture

Hydrogen Town



Coke Factory



Sustainable Industrial Development

Industrial Development by Using of Local Potential

Kitakyushu Eco Premium

Win-Win Approach through Products and Services



Water-saving type automatic cock with a self-power generation function



Rented type Eco-Apartment House with Photovoltaic Power Generation, First in Japan



Efficient electromagnetic plate and sheet which contributes to energy saving

The technology and the product (eco-products), and service (eco-service) which lead to environmental impact reduction in the city are designed as the “**Eco-Premium**”. Environmental consideration activity of the whole city through industrial field is promoted to its expansion and osmosis.

Point: Saving Energy, Saving Resources, Maintenance Free, etc.

Advanced Human Development & Eco-Tourism Industry

Overall Learning System on Sustainable Development



Centre for the System / Environmental Museum
& Eco-House (under construction)

We will introduce PG into every
elementary and Junior High school

Human
Development



Photovoltaic Generation at
Elementary School

Mobilizing Citizens for Sustainable Development & Enhancing Quality of Life

Kitakyushu Eco-Life Stage



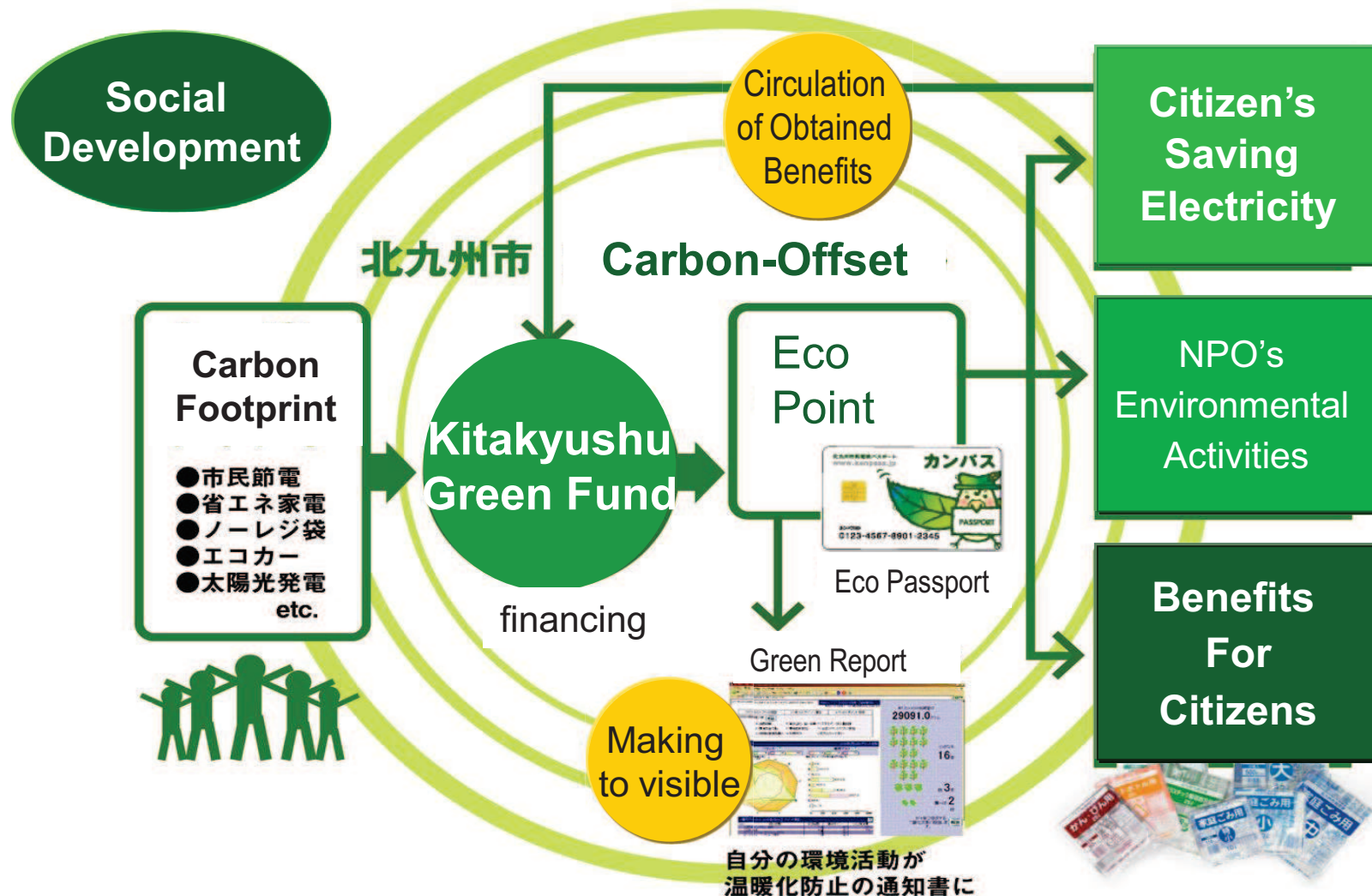
Citizens make the “stage” for making presentation on environmental activities.
Through the exchange of information, environmental awareness and actions is being spread



Participants: 150,000 people / 2 days

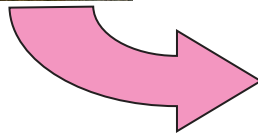
Mobilizing Citizens for Sustainable Development & Enhancing Quality of Life

Integrated System on Carbon-Offset & Eco-Point



Mobilizing Citizens for Sustainable Development & Enhancing Quality of Life

CO₂ Absorption Hibiki Green Road with Singing Birds Project



Planting Activity by Citizens

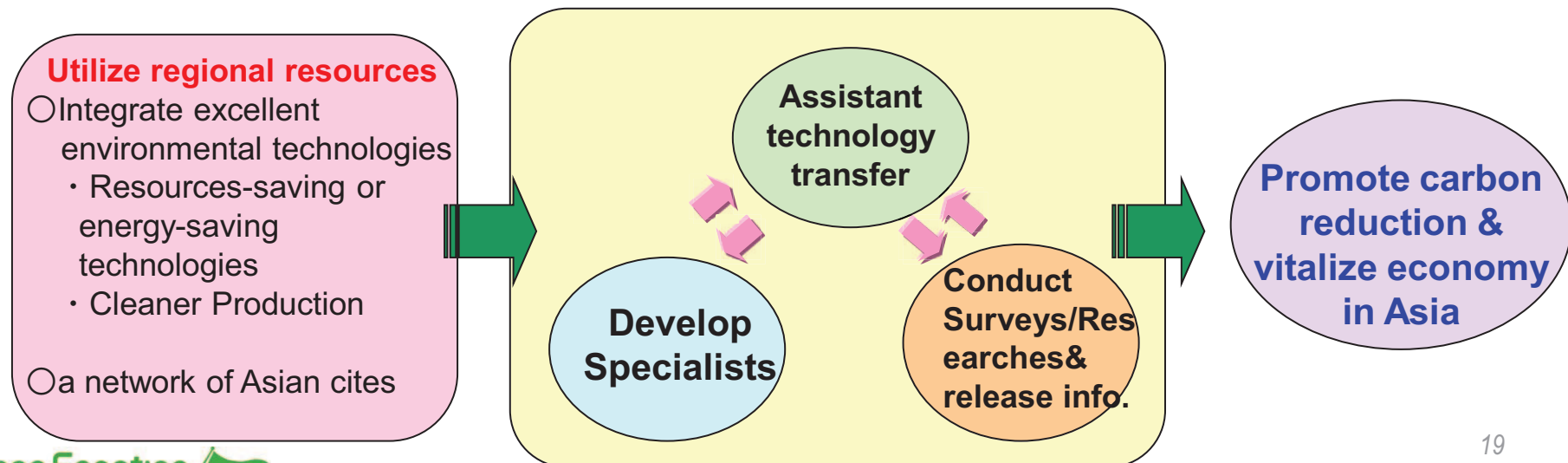
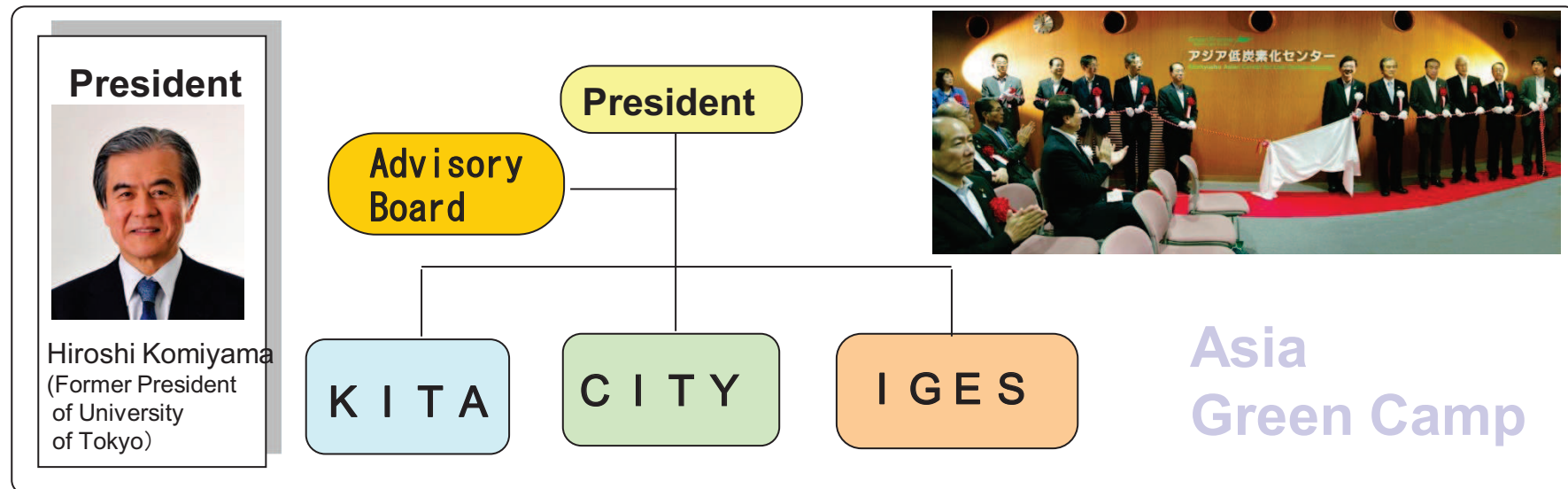


after Planting

**Social
Development**

Realizing Sustainable Development in Asia

Kitakyushu Asian Center for low Carbon Society

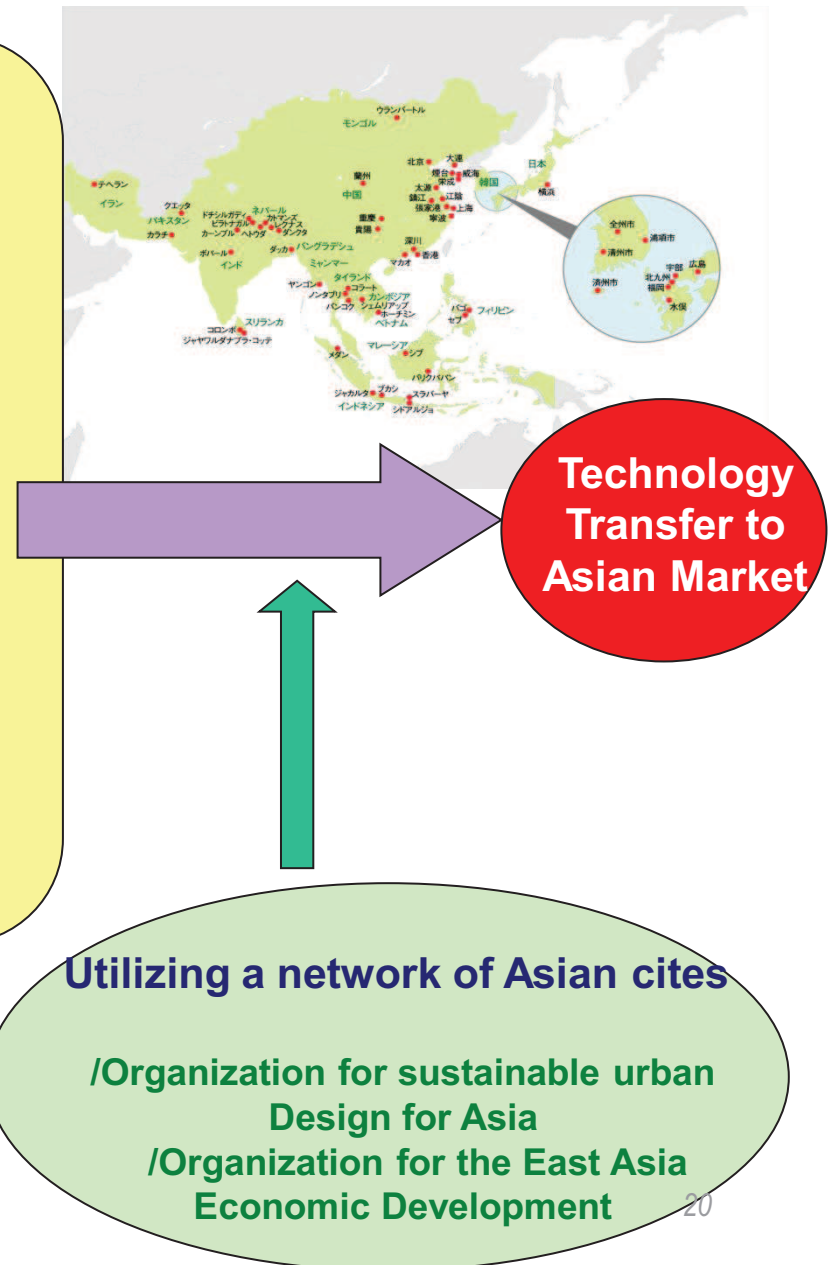


Method of technology transfer

Services for firms

- 1 Integrate technologies as a customized package
- 2 Assist technologies renovation to address needs
- 3 Assist verification testing
- 4 Assist in surveys for confirming marketability
- 5 Assist in submission of application for subsidy
- 6 Sending a delegate etc.

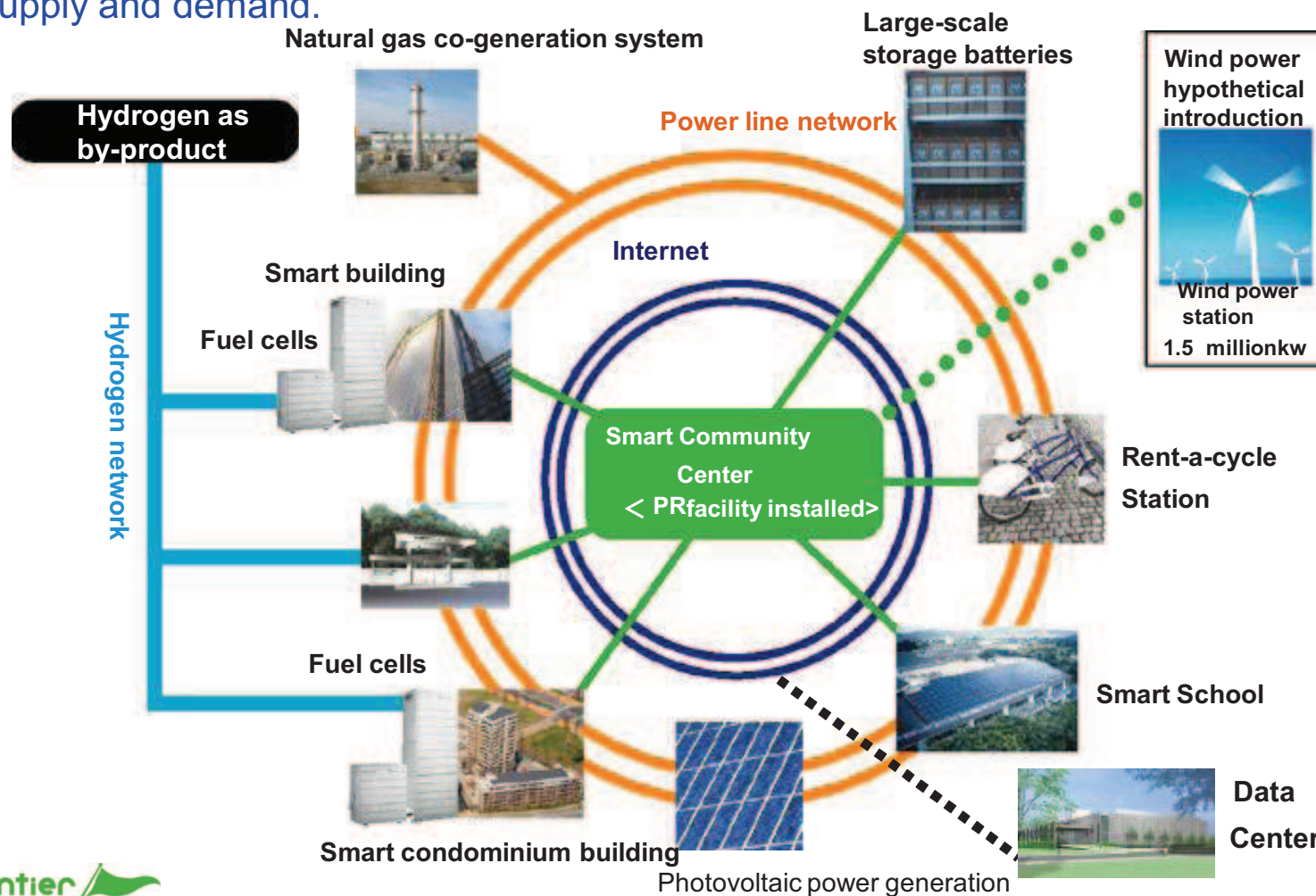
**Establishment of
Business Model
For Technology Transfer**



Example of system technology application (1)

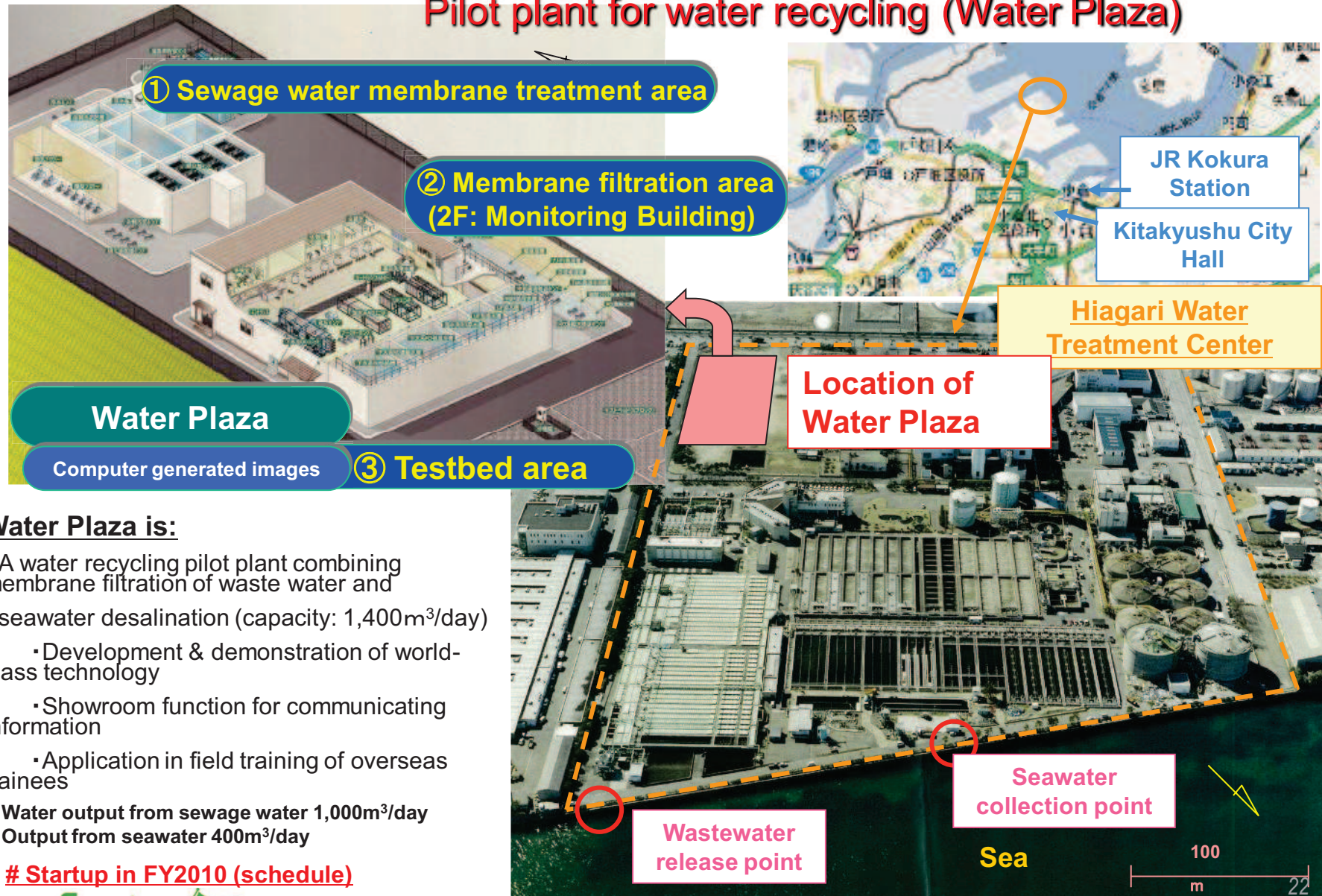
Yahata-Higashida Smart Community Plan

Realization of optimized energy use per region, through coordination between new and mainstay energy sources and introduction of a control system for both energy supply and demand.



Example of system technology application (2)

Pilot plant for water recycling (Water Plaza)



Water Plaza is:

A water recycling pilot plant combining membrane filtration of waste water and seawater desalination (capacity: 1,400m³/day)

- Development & demonstration of world-class technology
- Showroom function for communicating information
- Application in field training of overseas trainees

Water output from sewage water 1,000m³/day

Output from seawater 400m³/day

Startup in FY2010 (schedule)

Development of WIN-WIN relations

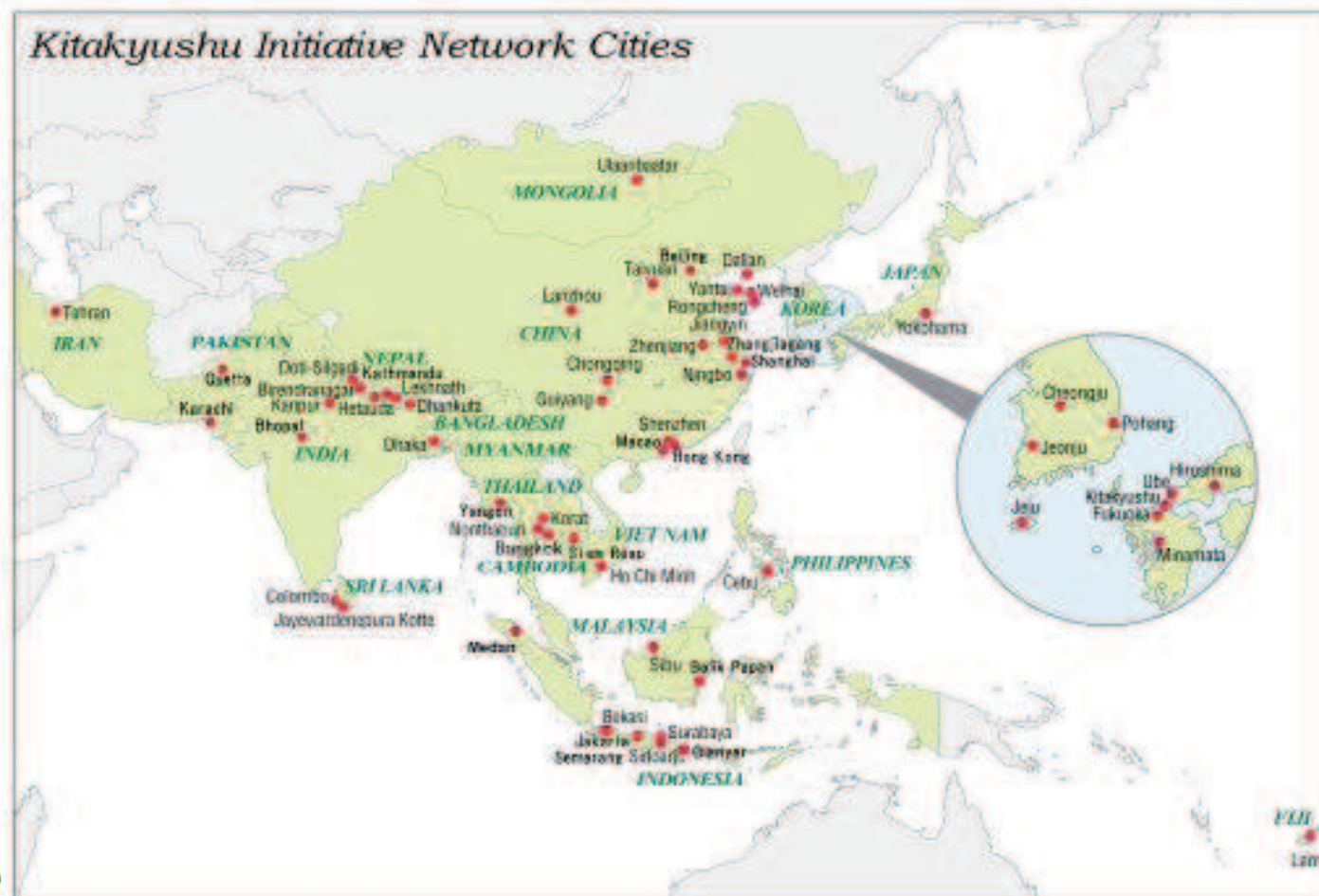
Various Asian cities

Reduced pollution & improved
quality of life, together with CO2
reduction



Kitakyushu City

Stimulation of the region through
overseas environmental
business operation chiefly by Kitakyushu
businesses



Your willingness and actions will shape the future and save the human race and the earth.

WE Can Realize Sustainable Development.

(Economic Growth and Environmental Achievement)



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