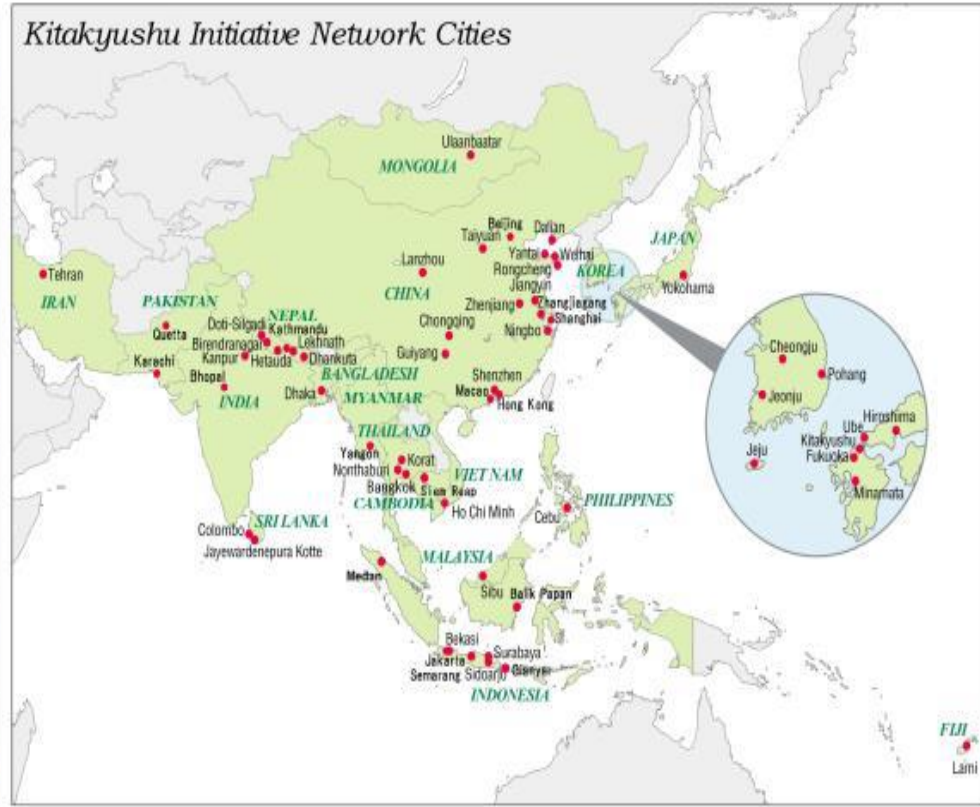


Kitakyushu City's Transition toward Water Sensitive and Livable Green City



Yumiko Asayama

Manager, Japan Water Forum, Secretariat of Asia-Pacific Water Forum (APWF)¹

Kitakyushu City – From “Sea of Death” “Dark and Murky river” into a ‘clear-flowing river, Green, Low-Carbon & Livable City, and International Environmental Leadership

Population: 963,000
Area: 491.95 km2

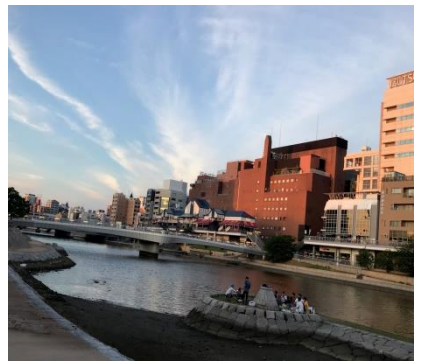


1960's

Current



Water & Environment museum to see the river water quality in real time



Use the natural stones which was from 16C, and make the space for water amenity



Grey uniformity

Diversity



City revitalization addressing flood control



Use river water for energy and air-conditioning

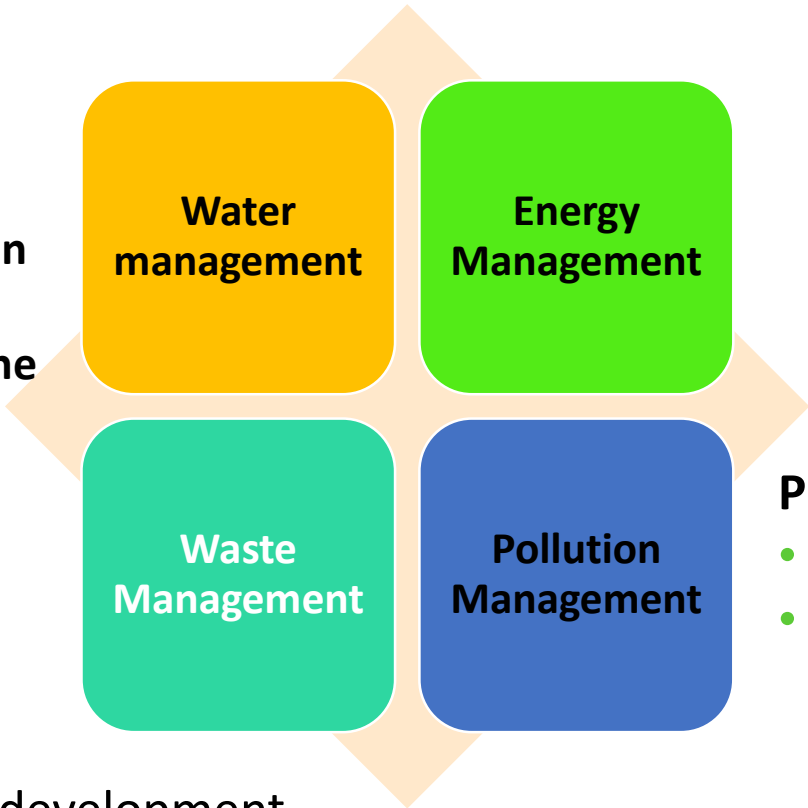
Partnership and Collaboration among Residents, Private Sectors, and Municipal Government

Kitakyushu Model: Holistic approach

Balance Social, Economy, and Environment

➤ Collaboration and Cooperation among Private Sectors, Residents, and municipal government

- Build on
- **Universal** –common issues
 - **Adaptable** – fit local condition
 - **Step by Step Improvement**
 - **Live:** Interactive process in line with new circumstance, etc
 - **Practical**- real references



- Provide**
- Tool Kit
 - Case Studies from Kitakyushu from cities in the world

Master Plan

- Understand situation
- Baseline Policy and Policy development
- Developing a strategy
- Technical strategy development with concrete measures and technical goals
- Verify, and measurement tools
- Procurement and Finance

Key points

- Wastewater management (source to end-users) is the key in Asia
- Visualizing the improvement of water/river quality
- Vision and issues sharing among multi-stakeholders
- Comprehensive & Holistic approaches, Interactive process, fitting the conditions
- Operation and maintenance from technical and project managements are essential for developing countries in Asia
- Knowledge & Experience sharing through city-to-city cooperation. Provide such communication and learn by doing platform among Asia.
- Blessing enjoyed by nature