

Session 4 – Best Practices



iGDP

innovative Green Development Program

Best practices introduction

- **Purpose:** Drawing on analysis and comparison of low-carbon policies and actions, identify good practices for *knowledge sharing*
- **Selection criteria:** Effectiveness and Efficiency, Behavioral Change, Sustainability , Transferability, Lessons Learned
- **Useful examples that can be included in full in appendix, but how do we integrate them into the comparative report?**

Best practices introduction

- **What we have**

- Have great examples from China, Japan, and ROK, but at different levels
 - Project specific like Retrofitting efforts in Shanghai,
 - City-wide initiatives like Toyama's "Compact City"
 - Region-wide initiatives e.g. Jeju

- **What we need**

- Need to decide how to integrate them into the report, or think about how they can be compared/contrasted

China - sectoral

Management System Innovation: Zhenjiang Carbon Emission Management Cloud Platform

Ultra-Low Energy Consumption Buildings: Qinghuangdao's Energy Efficiency Building Projects

Large-scale Existing Public Buildings Renovation in Changning District, Shanghai

Turpan New Energy Demonstration Zone – Solar Energy Utilization Project

Transportation: Guangzhou Bus Rapid Transit

Market-based Mechanisms: Shenzhen ETS Pilot Program

Japan - sectoral

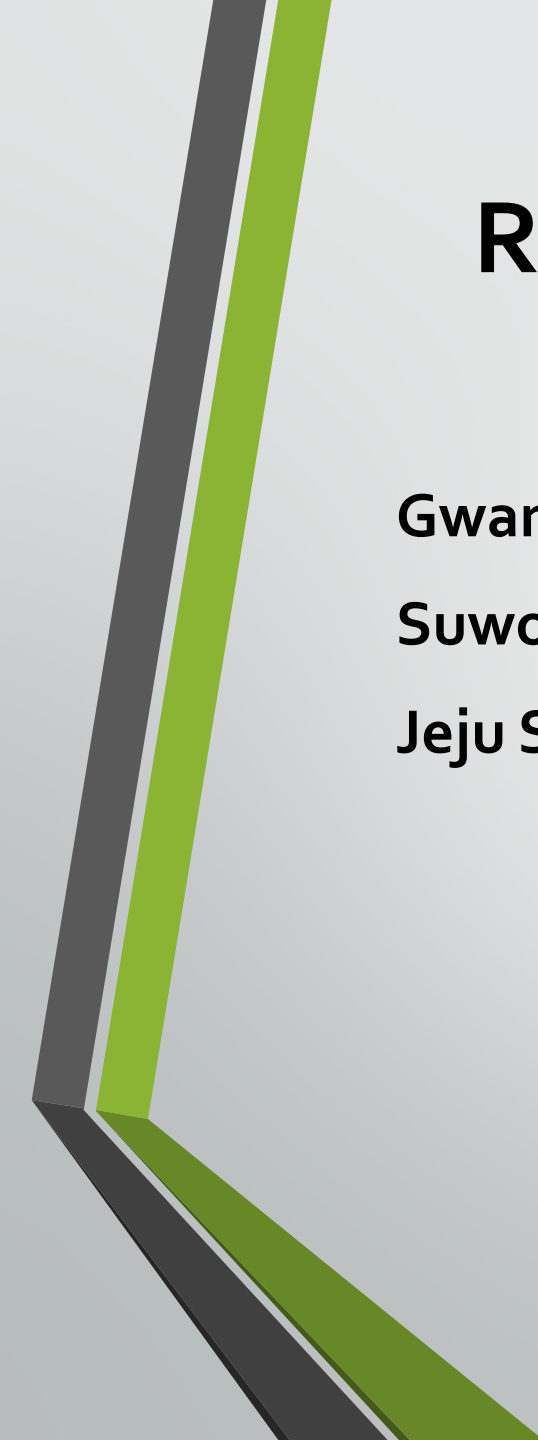
Smart community: Yokohama Smart City Project (YSCP)

Power systems: Miyama Smart Community

Transportation: Toyama Compact City

Market-based mechanism: Tokyo Cap & Trade

Waste management: Kitakyushu Eco-town



Republic of Korea – city and province

Gwangju Metropolitan City - Climate Change Model City

Suwon City - Environment Capital of Republic of Korea

Jeju Special Self-governing Province

Key takeaways

Lets start by considering the key takeaways from the case studies (25min)

What can be learnt?

How far can it travel? What can be taken to apply in other situations/cities/countries?

China (7min)

Japan (7min)

Korea (7min)

Maximize impact of case studies

How can we use the case studies? (25min)

Discussion: how could these case studies best feed into the report?

One proposal:

Distill “key principles” from the best practices that may be shared across some of the case studies. Have a section in the report that highlights these, drawing on the case studies/using them to exemplify, as well as drawing on the academic and professional research on good practices/principles for low carbon cities globally

Key principles:

Cross-sector collaboration and coordinator,
ambitious leadership/agenda setting...

Example: Jeju Province

Ambitious leadership/agenda setting...

Jeju province adopted a vision for global livable community with environment, economy and society in harmony

Questions:

- Why did Jeju show this ambition and leadership?
- What were some of the success factors?
- What other provinces in NEA might want to learn from this example?

Connecting the Dots

China's low-carbon city types:

Post-Industrial Cities: Cities with a high urbanization rate and service-oriented economy, high carbon emissions from the transportation and building sectors. Therefore, their low-carbon development needs to focus on these two sectors. (Shenzhen)

Transitional Cities: Cities that are in the transitional process have placed more emphasis on industrial shift in their low-carbon development. As heavy industry still plays an important role in the economic structure, transitional cities need to encourage the development of new strategic and service-oriented industries as well as promote energy efficiency and energy saving in traditional heavy industries. (Shijianzhuang)

Industrializing Cities: For cities with limited economic development and a low urbanization rate, industrialization is still a priority. To reduce carbon-lock in effects, industrializing cities are taking new strategic industries as a key field for their economic development and integrating low-carbon concepts into their social and economic plans. (Ganzhou)

Should we map best practices in JP and KR onto these city types in China?

What NEA cities do China's low-carbon city best practices map onto?