

# Low Carbon City Development Guidance

This is a new guidance about Low-Carbon City Development policies and its effect analysis methods that Ministry of Land, Infrastructure, Transport and Tourism plans and releases, in order to assist technically the consideration and measure of "Low Carbon City Development" in each area.

(This plan was made and released on 30 August 2010)

## «content»

- The guidance consists of three parts.
- Concept of Low-Carbon City
  - Low-Carbon City Development Measures
  - Analysis of the Effects of Low-Carbon City Development Measures

## «Background and Effect»

In order to cope with global warming problems, it is necessary to implement not only a single measure such as improvement of housing environment, but also comprehensive measures in urban area. **【Policies in urban area】**

However

There was no established way to compare objectively how we combine several policies to make a city more effective as a whole.

- Realize compact urban structure and transportation measures (shift from diffused urban structure to compact urban structure)
- Efficient use of energy and use of unused/renewable energies (Move away from city activities dependent on heavy energy consumption)
- Conservation of green spaces and promotion of urban greening

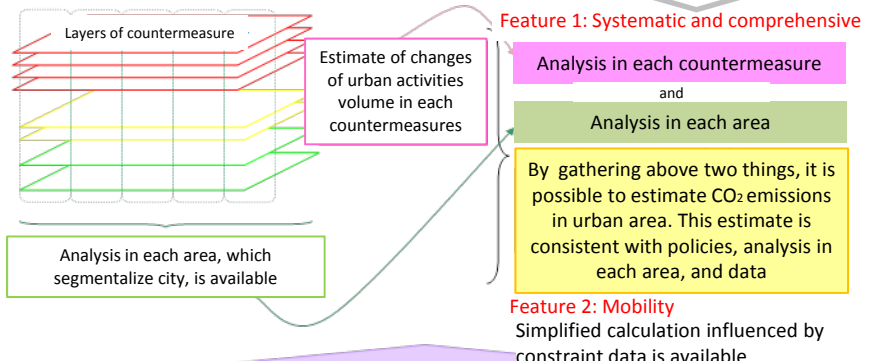
By making Low Carbon City Development Guidance

- The guidance clarifies basic information such as the policy effect of urban areas as a whole.
- The guidance deepens objective and comprehensive consideration focusing on making cities compact.

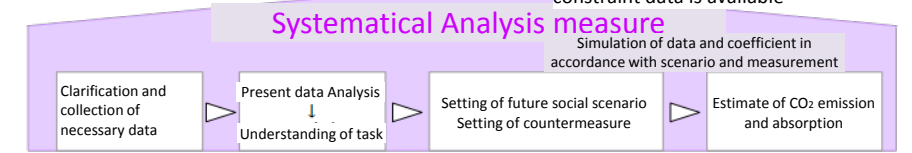
For example,

- Incorporating the guidance's outcome into global warming countermeasure action plans of local governments
- Contributing to making urban design master plans etc

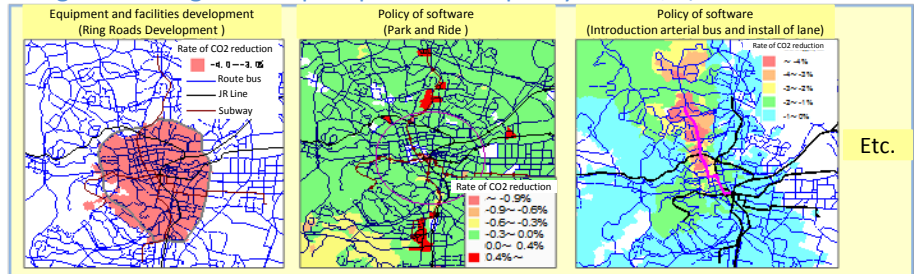
## Image of a developed simulation system (Things enabled by Low Carbon Development Guidance)



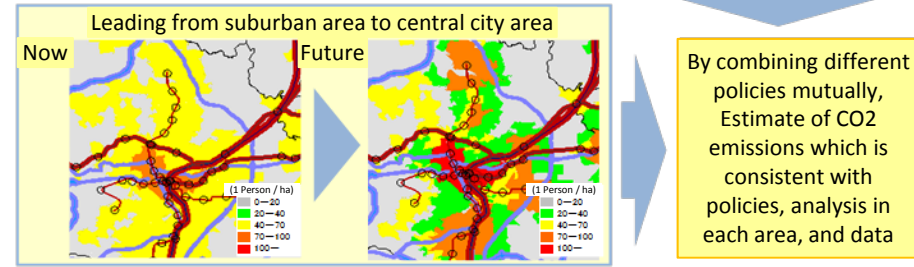
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## Image of setting of transport policies and policy effect (Layers of countermeasure)



## Image of setting of a compact urban structure (Layers of countermeasure)



By combining different policies mutually, Estimate of CO2 emissions which is consistent with policies, analysis in each area, and data