

A nighttime aerial view of a city skyline, likely Hong Kong, with numerous illuminated skyscrapers and a harbor in the foreground. The lights from the buildings and the water create a vibrant, glowing scene.

Governance, Business Models and Partnerships

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Outline

- PPP and related models
- Systems approach
- Designer cities approach
- Sustainability mapping
- Conclusions

PPP and Related Models

- PPP – sharing of risk and rewards between all stakeholders
- Different types of models
 - Traditional model (DBO and BOT types)
 - Poacher/gamekeeper model
 - Government Inc. model
 - Collusion model
- How can Wall Street meet City Hall with the right outcomes?

Systems approach

Vision

前景展望

Clear Air

空气更清新

Safe Road

道路更畅通

Sustainable Energy

能源更可靠

Better life

生活更美好

Public Security

Buildings

Mobility

Integrated systems

Energy

Homes

Water

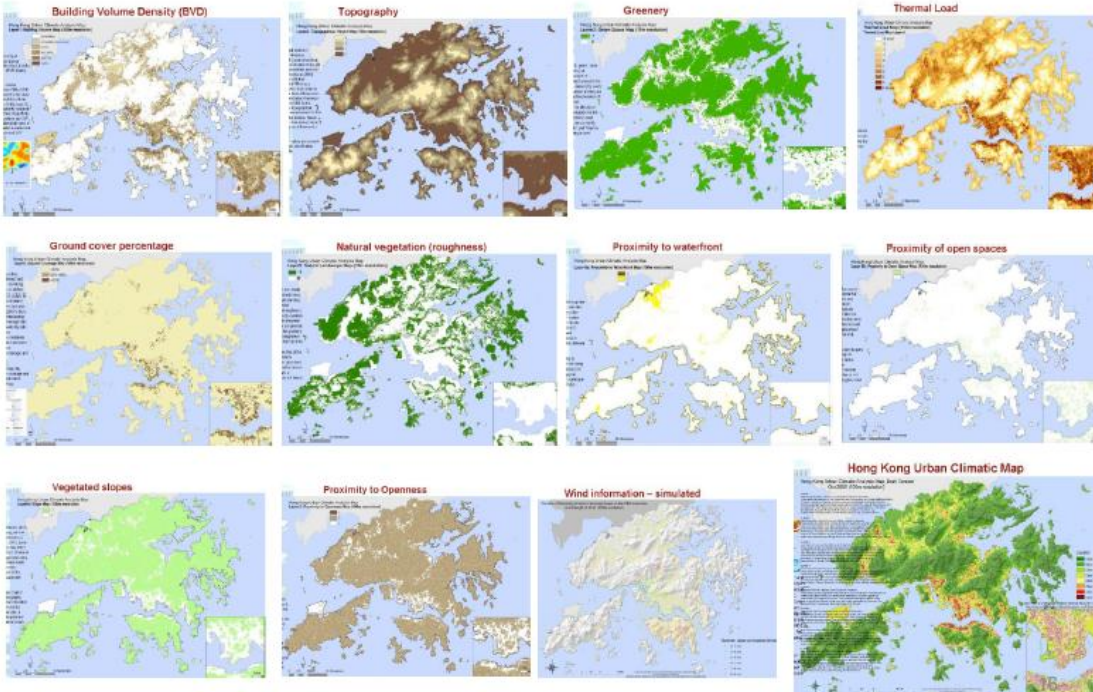
Designer Cities Approach

- Much like a designer kitchen – cities can be designed for efficiency, aesthetics and, importantly, users.
- Layout plans to maximize the value of space and resources
- Use of sustainable materials and operations
- Easy maintenance
- Customer satisfaction



Sustainability Mapping

- Spatial parameters are laid out in a two or sometimes three dimensional arrangement for analytical purposes.
- Land use is the most common form of mapping for cities.
- Typical maps are shown below, each serving to convey information of a different sort according to the use of the land at that particular moment.



3 sets of maps:

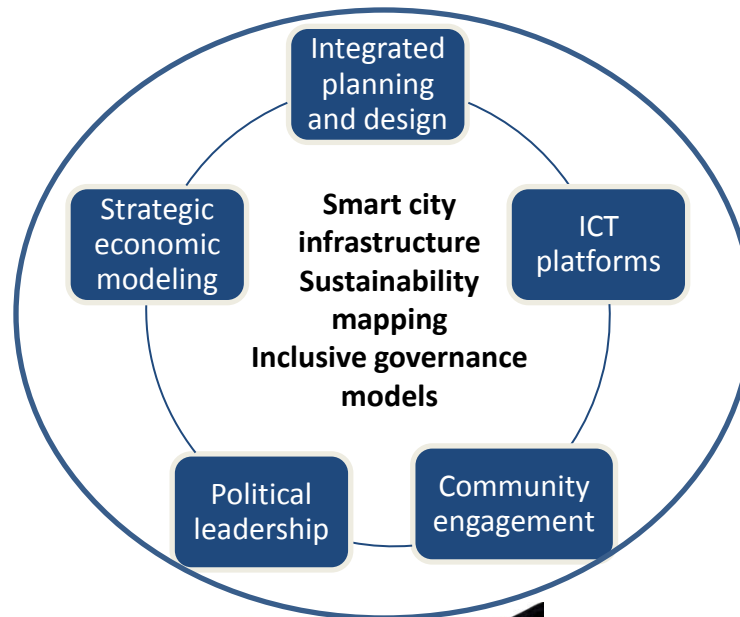
- User maps e.g. energy consumption by building, water consumption by estate and road use by number of vehicles.
- Provider maps e.g. system application by square metre or spend per infrastructure unit or per citizen.
- Outcome maps e.g. efficiency gains or levels of citizen satisfaction.

Conclusions

- By adopting a set of assumptions the cities can be mapped using predictive logic and the influence of different systems can be simulated.
- Systems hence could be depicted spatially as an inter-relationship of map series, rather than attempting to describe the systems as workflows or process flows.
- Partners are connected by maps e.g. government agencies, providers, citizens

Government

Efficient city management
Economic vibrancy
Social stability
Incident management
City index metrics



Citizens

Business intelligence
Decision support
Information sharing
Public services

