



Urban planning, adopting environmental and disaster prevention technology of Japan

NIKKEN SEKKEI CIVIL ENGINEERING LTD

Studying to introduce Japanese technology according to the site situation



Example of Land Use Plan

(Chan May New City Project, Thua Thien Hue province, Vietnam)

Features

- Planning compact cities based of public transport system to generate footfall and reduce the environmental load in the city.
- Laying out vast tracts of green land in the city to create a citizen's oasis and restrain heat island phenomenon.
- Planning safe and trusted cities that can be resilient to natural disaster such as flood etc.,.
- Considering cost/benefit effect, study to introduce Japanese technology into planning/designing works.

Overview (Technical principles, actions, etc.)

Due to insufficiency of public transportation system, heavy traffic congestions frequently occur in Asian cities. It damages not only the economy, but also occurs environmental problems such as air pollution and noise. NIKKEN SEKKEI CIVIL ENGINEERING LTD introduces public transportation systems and plans "Networked Compact Cities" in East Asia. Furthermore, laying out vast tracts of green land in the new cities is to give a citizen the peace of mind, also to reduce radiant heat and to improve ventilation resulting restrain of heat island phenomenon. In addition, we carry out calculations of flood prediction with e.g. 100-year probability and plan to make cities resilient by the predicted results.

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Compact city based of public transport system

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Verdant eco-friendly City

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Safe and trusted city against natural disaster

Study to introduce Japanese technology



Sustainable city

Example of Flow-Chart on Urban Planning



Team E-Kansai

Image of Japanese technologies for environmental conservation and disaster prevention in Asian cities



Sewage Treatment Plant



Water Purification Plant



Flood Gate / Pumping Station

Examples of Work



Hanoi South Supporting Industrial Park,
Hanoi City, Vietnam



Chan May New Port City,
Thua Thien Hue Province, Vietnam



Dinh Vu-Cat Hai Economic Zone , Hai Phong City, Vietnam



Overseas representative offices

