

**Roundtable Meeting
on
Compliance-Oriented Infrastructure
Development**

JSCE Annual Conference, 1 September
2010, Sapporo

Discussion

- key issue -

- Towards Compliance-oriented Infrastructure Development
 - What are “society needs”?
 - How are “society needs” identified?
 - Top down or bottom up
 - 4 components
 - Legal
 - Society
 - Technical
 - Natural

Discussion

- summary of presentation -

- Prof Sakata, JSCE
 - What is “compliance”?
 - act or fact of **responding to social needs**
 - Identify the society needs considering:
 - Population reduction (aging society)
 - Growth in Asia
 - Global warming
 - Deterioration of infrastructure

Discussion

- summary of presentation -

- Mr Leoncio, ASCE

- Importance of civil engineering for advancement
 - Electrification, water supply and highway network
- Role of civil engineering for sustainable world

- Prof Chang, CICHE

- For future development in Taiwan
 - Vital and innovative economy
 - Evenly affluent and just society
 - Sustainable and energy-saving environment

Society needs



Discussion

- summary of presentation -

- Mr Hossian, IEB
 - Compliance-orientation guiding to sustainability
 - Importance of participation of people (stakeholder)
- Prof Shin, KSCE
 - Korean example of “compliance-oriented infrastructure development”
 - Value-creator (VC) 10 projects

Discussion on Compliance-Oriented Infrastructure Development

- What is the **international cooperation** to tackle this issue?
- How can the **education** in civil engineering do for fostering civil engineers in the future with this issue?
- In case, there is “**conflicting social needs**”, how do we identify the compliance?
 - Example: (1) urban and rural needs, (2) environment protection and urban development , (3) national and global needs
- How do we identify the civil engineer’s role relating to the role of **politician/government officer**?