

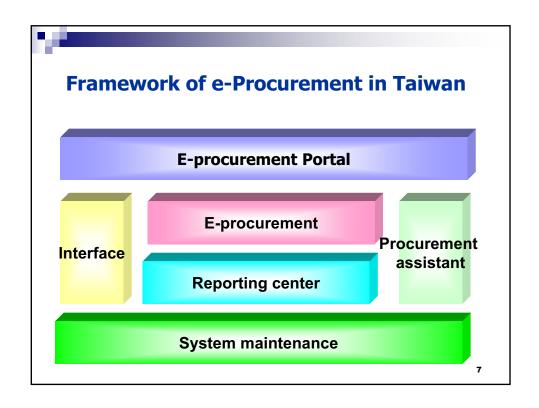


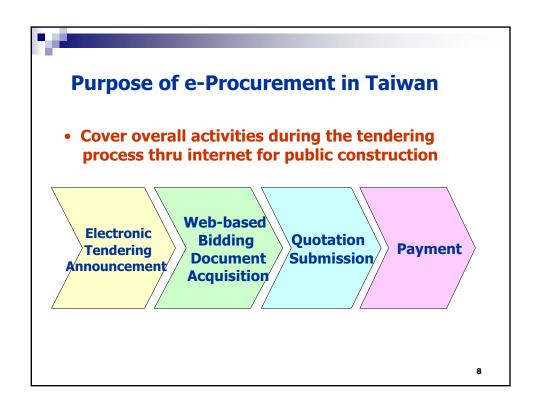
### **Brief History of e-Procurement in Taiwan**

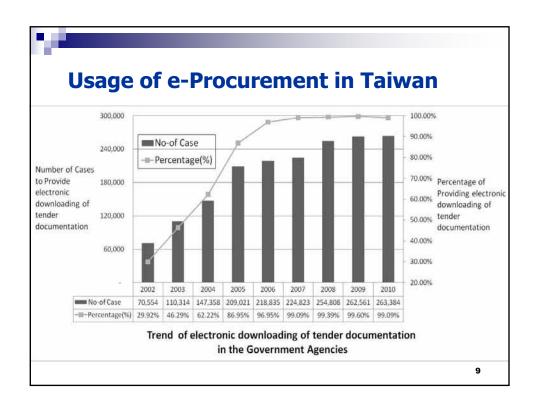
- Accommodating to the Government Procurement Act in 1998
- Launched by the Public Construction Commission,
  Executive Yuan in 1999
- Main part of e-Government in Taiwan
- Single portal: Government Procurement Information Center (http://gpic.pcc.gov.tw)

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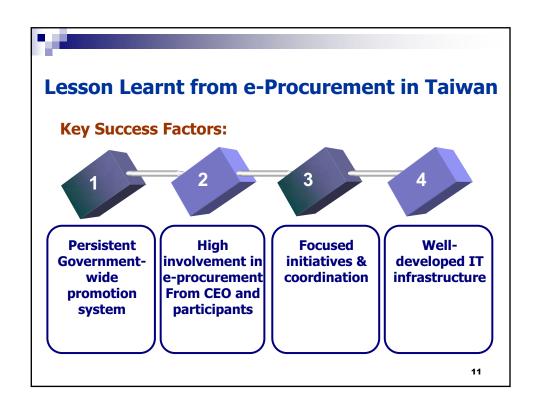






### **Performance of e-Procurement in Taiwan**

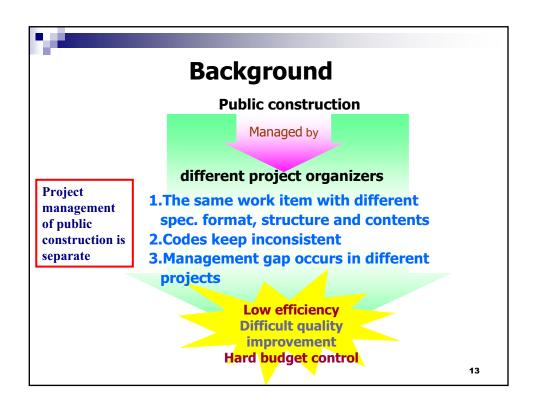
- 99.09% Government tendering documents uploaded in e-procurement system (2010)
- 1,095,643 tendering document request from bidders (2010)
- Save 72.24 tons of paper, reduce 3,294 tons of carbon footprint
- Save 1 billion NT dollars of transportation costs
- Other qualitative performances: transparency, efficiency, and fairness

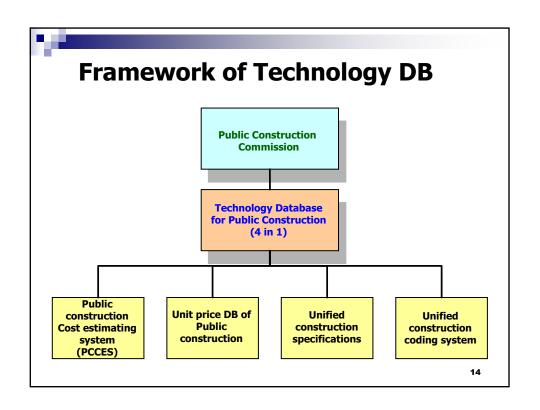


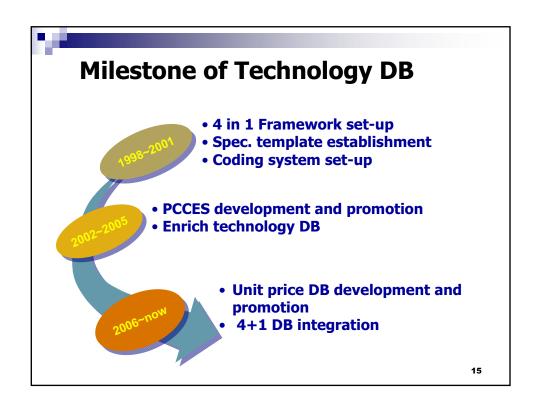


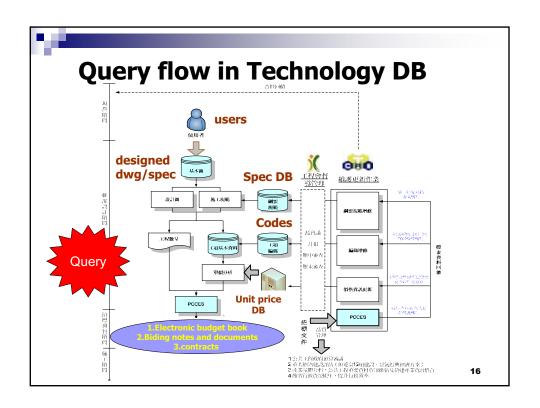
# **Technology Database of Public Construction in Taiwan**

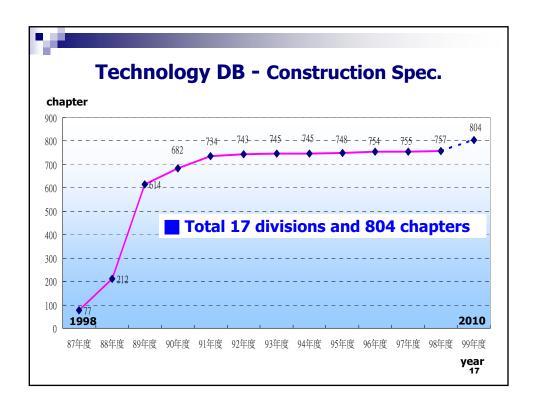
June 29, 2011



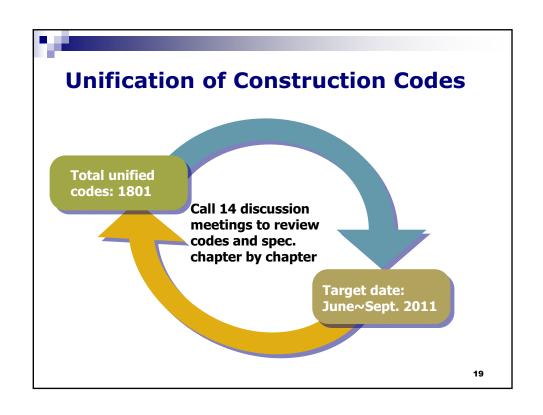




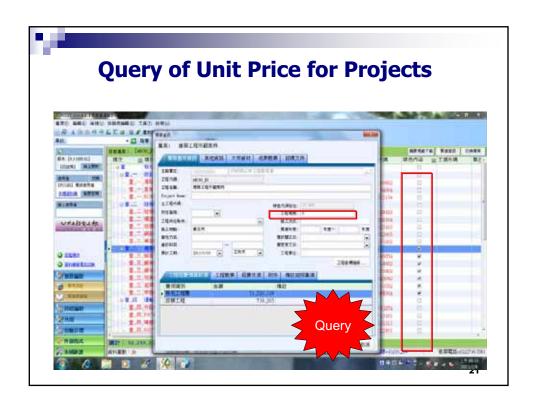


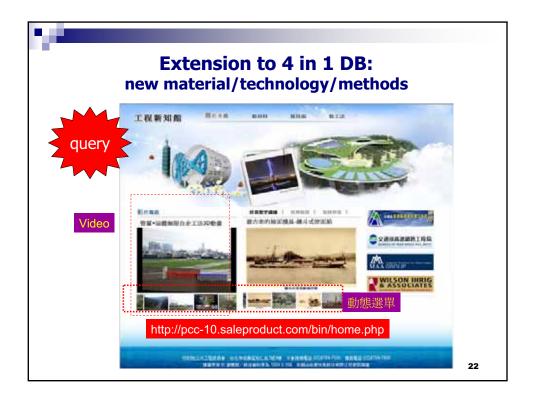


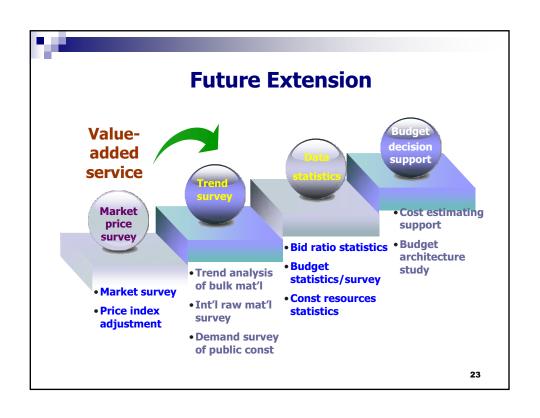




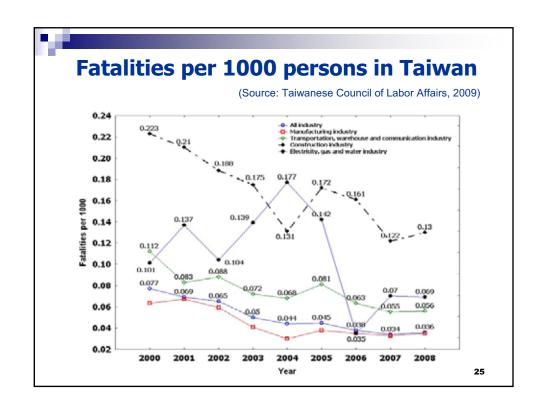


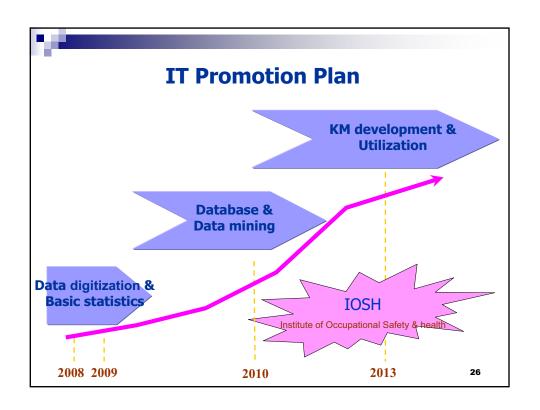






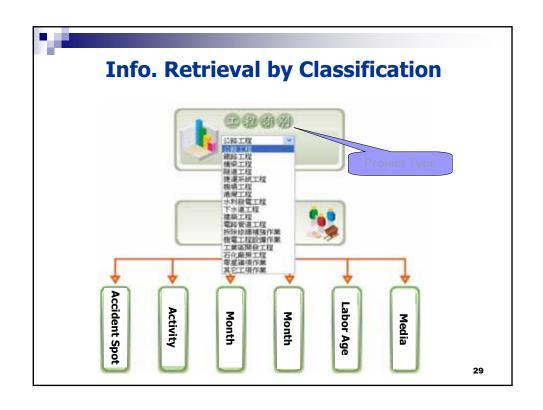


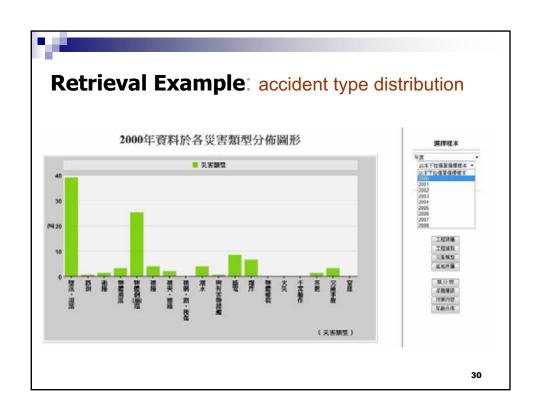


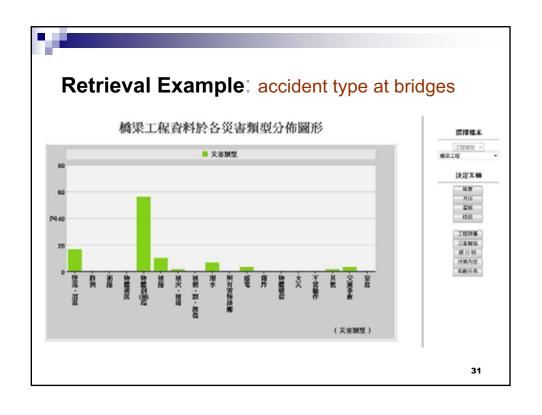


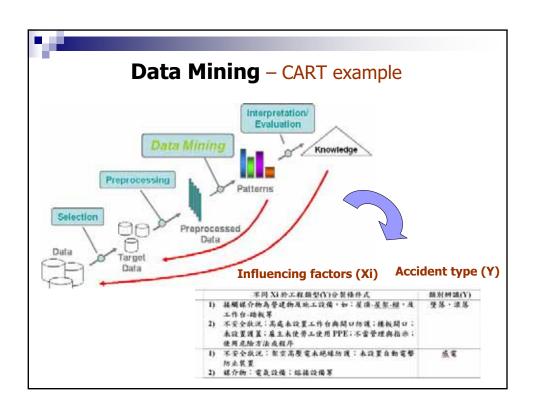


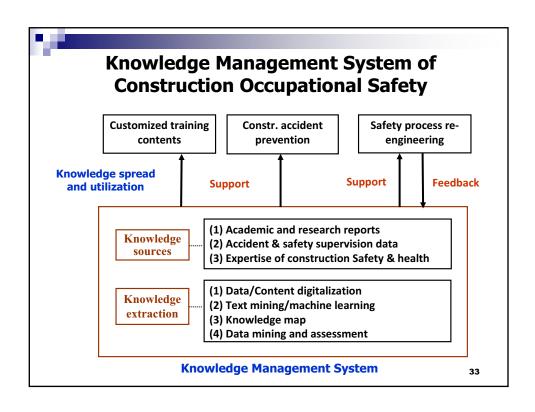


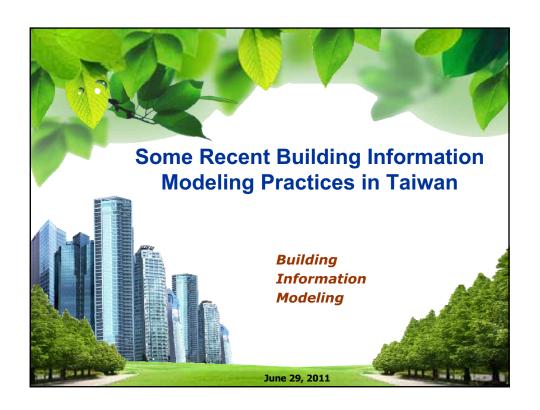














## Mortenson's Definition of BIM Technology

- Digital
- Spatial (3D)
- Measurable (quantifiable, dimension-able, and query-able)
- Comprehensive (complete & accurate communication)
- Accessible (to the entire AEC/owner team)
- Durable (usable through all phases of a facility' life)

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### State of art of BIM in Taiwan

- Some government agencies are considering the adoption of BIM in public infrastructure projects.
- Major engineering consulting and construction companies have already taken or are initiating actions to establish their BIM capability and BIM Integration Center.
- Increasing BIM awareness and application in industry & government in recent moment!

