BIM Contracted Information Exchange Workshop

E. William East, PE, PhD
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results

tools to reduce “data handling” costs
  - verify project against architectural brief
  - quantify design quality management
  - eliminate construction handover waste

tools to assist your pilot implementations
  - example files
  - example contract specifications
  - demo versions of file translator and checker
  - user-to-user forum to help get questions answered

identification of supporting consulting services

a roadmap that can be followed for future projects
today’s contracts require information exchange
demonstrate project complies with architectural brief
design quality control plans and design review comments
construction handover data, commissioning plans, instructions, etc...

e-paper formats have not eliminated waste

process-based, performance-specs for information exchange
delivers required information at reduced cost
useful on large and small projects alike
allows objective compliance testing
allows greatest innovation
what about BIM?

“a digital representation of physical and functional characteristics of a facility. As such it serves as a shared knowledge resource for information about a facility forming a reliable basis for decisions during it’s life cycle from inception onward.”

(NBIIMS version 1. part 1)

BIM’s ultimate value includes life-cycle building knowledge
most important ideas

There is a “how” and a “what” of information exchange

- “how” is the language
- “what” is the content

User-driven problem definitions, i.e. “what,” lead to transparent technology empowering people to solve real problems

Between the “how” and the “what” the critical thing to solve real problems is to clearly define the “what”
agenda

23 July 2008. 1:00pm– 5:15pm  
2:30pm -3:00pm  
Intro to Contracted Information Exchanges  
Break

24 July 2008. 8:00am-10:00am  
9:30am – 10:00am  
Spatial Compliance Information Exchange  
Break

10:30am-1:00pm  
1:00PM - 2:00PM  
Coordination View Information Exchange  
Lunch

2:00pm-5.00pm  
COBIE

25 July 2008. 8:00am-1:00pm  
COBIE (Construction, CMMS, CAFM)
announcements

• please set cell phones, pagers, GPS devices to stun

• Rest rooms - right out of the auditorium.
  If you go to the great hall, you’ve gone too far

• Wifi connection available
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