



National Institute of Building Sciences
Facilities Information Council
National BIM Standard



Executive Committee Meeting

March 15, 2006
NIBS Board Room



Cost Estimate for NBIMS Effort

- Progress in has been slow
- We now have some information
- Review and complete by end of week
- Need a press release



Notional Rules for Contributions

Cumulative and Annual Contribution	Amount	Name posted by level on web site	Name Included in Press Releases	Name included in marketing material	Logo posted by level on web site	Logo Included in Press Releases	Logo included in marketing material
Golden Benefactor	\$200k or over	✓	✓	✓	✓	✓	✓
Silver Benefactor	\$100k or over	✓	✓		✓	✓	
Bronze Benefactor	\$50k or over	✓			✓		
Golden Sponsor	\$50k or greater	✓	✓	✓			
Silver Sponsor	\$25k or greater	✓	✓				
Bronze Sponsor	\$5k or greater	✓					



ISO Issue

- Francois Grobler is the lead
- Jim Mays – DoD & Navy TAG member
- Raj Iyer - Army TAG member
- Deke Smith named in DoD TAG vote
- Issue – STEP vs. IFC
- ISO requested to make decision
- Need a reference chart of issues
- Need a list of all the players



Goal Setting

- It is now March 15th – We need to lay out a valid milestone chart – Below is from the Testing Team at last meeting:
 - Mar Sponsor requirements
 - April RFQ released
 - May Participant Selection
 - May Kickoff meeting
 - June Interface Specification development
 - August Technical Interoperability Experiments
 - October Integration testing
 - November Demonstration
 - December Reports complete
- Need to define what complete is? Sequencing...





Name Issue

- ESRI asked question about name change
- We discussed at length
- I said stick with BIM but want your concurrence
- We need to explain Building is a verb!
There is probably no perfect title for what we are about to accomplish.





- ...building is a verb
- ...is international in scope
- ...is inclusive of all facets of the facilities industry and built environment
- ...is the implementation of a better way of doing business based on the open standards of the **National BIM Standard**





BIM and buildingSMART Scope

- Intended to all inclusive of the built environment
 - Process industry
 - Real Estate
 - Geospatial
 - Facilities
 - Structures
 - Linear structures
 - and Buildings....



Approved BIM Definition

- ***A Building Information Model (BIM) is 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 its life-cycle from inception onward.***
- ***A basic premise of BIM is collaboration by different stakeholders at different phases of the life cycle of a facility to insert, extract, update or modify information in the BIM to support and reflect the roles of that stakeholder. The BIM is a shared digital representation founded on open standards for interoperability.***
- ***The US National BIM Standard promotes the business requirement that this model be interoperable based on open standards.***

Approved March 1, 2006 – NBIMS Exec Comm.





Alternate BIM Definition

- ***A Building Information Model (BIM), is a digital representation of physical and functional characteristics of a facility, serves as a shared knowledge resource for information about a facility forming a reliable basis for decisions during its life-cycle from inception onward.***
- ***A fully functional and efficient BIM is achieved through collaboration by different stakeholders throughout the life cycle of a facility. Stakeholders insert, extract, update or modify information in the BIM to support and reflect the roles of that stakeholder. The US National BIM Standard promotes the business requirement that this model be a shared digital representation based on open standards for interoperability.***



National BIM Standard Notional Reference Standards

- National CAD Standard (v3.1)
- International Alliance for Interoperability – IFC's (12006)
- Referenced International Standards (10303,15926,AP225,241)
- Open Geospatial Consortium Standards
- Open Standards for Real Estate
- OmniClass (OCCS)
- Whole Building Design Guide
 - Construction Criteria Base
 - Product Data
- Others yet to be determined





Meetings with Carol Bartz

- Three views:
 - Meeting with Dave Harris and Deke Smith
 - Keynote address
 - Group meeting



NBIMS Portal

- Mark has offered and will demonstrate
- Posting of material
- Pointers to material
- Version control
- Demonstration of Progress