



November 29, 2010

TRANSMITTAL

TO: Deke Smith, FAIA
Executive Director, bSa at NIBS

FR: Stephen Thomson, AIA
NYCBIM, Co-Founder and Organizer

RE: 1st Annual NYCBIM Venting (Problem Creation) Workshop
November 10, 2010
La Salle Academy, NYC

SUBJ: Workshop Notes

Attendees:

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The following problem statements were generated in response and at the 1st Annual Problem Creation (Venting) Workshop

- 1.01 Bill Napier, Project Manager, Wisconsin Department of Administration, bill.napier@wisconsin.gov, wrote in the following topics
- .01 The AEC community appears reluctant to communicate their challenges or issues with public owner BIM applications.
 - a. What issues prevent BIM users from openly sharing challenges and work strategies?
 - b. Is there too much transparency or fear of losing the market edge?
 - c. What could a public owner consider to obtain this feedback to their BIM requirements?
 - .02 BIM software is reported to not be at same level of capability for all major disciplines (Architecture, Structure, MEP, and Civil).
 - a. What is the capability of the existing software maturity?
 - b. What are the specific problems or challenges related to software, hardware or workflow?
 - c. How can the public owner effectively influence the vendors for development?

- .03 Some have reported that it is difficult to geo-reference model such that it can be imported and correctly positioned in GIS coordinate system.
 - a. What are the difficulties or complexities for a geo-reference model?
- .04 Standards; NBIMS, IFC are developing and not complete causing AEC or public owner to create interim strategy
 - a. To what degree does this impede use of BIM Authoring Software?
 - b. What issues are of major importance and high priority?
- 1.02 How are/can software companies better contribute to the interoperability goals of the buildingSMARTalliance?
- 1.03 How is legacy information in paper and digital formats being addressed in BIM standards?
- 1.04 How can communication improve between software designers and facility operators, planners, designers and builders/fabricators?
- 1.05 What information are software designers seeking? How can it be best collected?
- 1.06 What information is needed by facility operators, planners, designers and builders/fabricators?
- 1.07 Project management software, such as Primavera, needs to be simpler and more user-friendly.
- 1.08 Packaged BIM software has few ready to use standard elements, particularly in specialized trades such as mechanical and electrical.
- 1.09 The iterative process of software development and facilities evolution is out of sync. How will BIM standards provide better alignment between the business needs of software and facility stakeholders?
- 1.10 Electronic information “hand-offs” between stakeholders often results in loss of data. How are “open source” translators and convertor software being addressed by BIM standards?

Please contact Stephen Thomson if there are any additions or corrections to these notes.