



buildingSMART Japan Status Report

Copenhagen (Sep. 2010)

- **Current Membership: 73 (+1) organizations**
 - 51(+1) companies and 22(0) research organizations
- **Domain Group Activities:**
 - **Structural Domain Group**
 - Implementation of Structural Analysis to Structural Modeler by IFC subset XML schema (ST-Bridge).
 - **Architectural Domain Group:**
 - Study on finishing QTO from IFC with IfcSpace, IfcRelSpaceBoundary, IfcCovering, and IfcMaterial.
 - **Building Service & FM Domain Group:**
 - Improvement of conversion from HVAC Library (BE-Bridge, includes fan, air terminal, AHU, etc) to IFC.
 - Study on BIM data interoperability with domestic building energy simulation tools.
 - **Civil Engineering Domain Group**
 - Working on shield tunnel model for IFC.
 - **Implementation Group**
 - Research on 3D PDM application and process of manufacturing industry.
 - Investigation of IFC data transfer failure reported from an end user.
 - **Build Live Tokyo Group**
 - Planning next Build Live Tokyo 2010. (Oct. 2010)
 - **Technical Task Force**
 - Supporting IFC implementation activities
 - Working with BIM Parts for CFD software WG, PM-FM WG starting up, BIM Guideline TF
- **Events:**
 - 1 Jul. BIM meeting with Nemetschek Allplan GmbH & IAI Japan members
 - 26 Aug. IAI Technical Seminar organized by Architectural Domain Group & Structural Domain Group
- **Awareness of BIM & IFC**
 - Ministry of Land, Infrastructure, Transport and Tourism (MLIT) opened call for public proposal of BIM pilot project in June 2010.
 - BIM Guideline Task Force was launched in IAI Japan.
 - Starting PM-FM (Property Management & FM) working group and recruiting building owners and operators.
- **Recommendations and Priorities:**
 - Develop BIM Guideline and set up building owner's IFC based Open BIM awareness.
 - Improve IDM & MVD contents, and IFC end user guide.
 - Improve GTDS for better certification framework.