



buildingSMART Japan Status Report

Singapore (Sep. 2011)

- **Current Membership: 89 (+8) organizations**
 - 62(+6) companies and 25(+0) research organizations + 2 individual membership
- **Domain Group Activities:**
 - **Structural Domain Group**
 - Implementation of Structural Analysis to Structural Modeler by IFC subset XML schema (ST-Bridge). Pset localization.
 - **Architectural Domain Group:**
 - Starting MVD contribution for GIS and BIM data utilization.
 - Study on finishing QTO from IFC, GIS-BIM/IFC data transfer. Pset localization.
 - **Building Service & FM Domain Group:**
 - IFC Pset development for HVAC Library (BE-Bridge, includes fan, air terminal, AHU, etc) to IFC.
 - Promote IFC implementation to domestic MEP CAD vendors and study on IFC data interoperability with BIM modeling tools.
 - **Civil Engineering Domain Group**
 - Working on shield tunnel model for IFC.
 - **Implementation Group**
 - More new IFC compatible BIM software released. (MEP, CFD, QTO, IFC Viewer, Energy Simulation)
 - IFC data interoperability analysis
 - MVD and related IFC implementation documentation to support IFC implementation activity.
 - **Build Live Group**
 - Organized Build Live Kobe 2011. (7-11 Sep. 2011)
 - **Technical Task Force**
 - Supporting IFC implementation activities, MVD documentation.
 - Working with GIS-BIM WG, BIM Parts for CFD software WG, PM-FM WG starting up, BIM Guideline TF, BLT Group.
 - **BIM Guideline Working Group**
 - Research on existing BIM guidelines and related documents.
 - Joining national BIM/IFC committee with BMMC (Building Maintenance & Management Center), PBA (Public Buildings Association) and major architectural firms and construction companies.
- **Events:**
 - 23 Aug 2011: BIM Day of JIA Conference (Japan Institute of Architects): Symposium and Panel Discussion covering BIM issues.
 - 7-11 Sep. 2011: Build Live Kobe 2011 BIM competition: 48 hours for Professional class, 96 hours for Student class.
- **Awareness of BIM & IFC**
 - Big attention on BIM competition (BLK2011) organized by buildingSMART Japan.
 - BIM/IFC committee started for developing draft of national BIM Guideline (buildingSMART Japan joined)
 - Increasing IFC support from domestic software vendors (CFD tool, MEP CADs, QTO and Estimation, Energy simulation, Viewers),
- **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 the quality of IFC data interoperability with the stable MVD contents.