Tuesday 16th October 2018

Plaza Heisei International Conference Hall &
National Museum of Emerging Science and
Innovation
2 Chome-2-1 Aomi, Koto, Tokyo 135-0064,
Japan

Opening Plenary
International Standards Summit

9:30  Welcome / Introduction

9:40  Summit Introduction:
Richard Kelly (buildingSMART International)

9:40  Welcome from Chief Executive:
Richard Petrie (Chief Executive, buildingSMART
International)

10:10  Welcome from buildingSMART Japan:
Junnichi Yamashita (Chairman, buildingSMART
Japan)

10:20  Welcome from Minister of Land,
Infrastructure, Transport and Tourism:
Keichi Ishii

12:20  Proof of Concept (PoC) for use of bSDD:
Knut Mathisen (GS1 Norway)
Aleskander Bjaaland (Holte)
Halvard Gavelstad (Norsk Byggtjeneste)

13:00  Lunch at the Media Hall

Recent Innovations

14:00  3D Underground Model Mr Hiro Shima
(OYO Corporation)

14:30  buildingSMART Norway concept for
Livinglab: X Hackathon: Anstein Skinnarland /
Anne Mevatne / Sigve Pettersen

14:50  JR-EAST’s Strategy for BIM: Takaya Nagai
(East Japan Railway Company)

15:20  Break

16:40  Roadmaps
Standards Roadmaps: (Panel Discussion)

17:40  Chairman’s Address
Patrick MacLeamy (buildingSMART International
Chairman)

18:00  Group photo
19:30  Welcome & Awards Dinner

Dai-Chi Hotel Tokyo - Welcome & Awards Dinner
1 Chome-2-6 Shinbashi,
Minato,
Tokyo 105-8621,
Japan
## PROGRAM

**Wednesday 17th October 2018**

**Plaza Heisei International Conference Hall & National Museum of Emerging Science and Innovation**

2 Chome-2-1 Aomi, Koto, Tokyo 135-0064, Japan

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### Technical Focus Rooms

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### User Focus Rooms

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08:30  
**Registration – Morning welcome**

09:00  
**Session 1**

**BR1** Opening plenary

**IR1** Opening session

**PR1** Opening session

**RR1** Steering Committee (Steering Committee Members only)

**CR1** Opening session ‘Trend of BIM in construction’

**AR1** Opening plenary & feedback on roadmap

**RWR1** Opening plenary

10:30  
**Break**

11:00  
**Session 2**

**BR2** Roadmap for the Building Room

**IR2** Joint session IR/RWR Common Schema Innovation Hall

**PR2** Shared Terminology Standards, ISO, CEN and other national standards

**RR2** Seminar

**CR2** Case Study of BIM in Construction Phase (1)

**AR2** Common Data Environment (CDE) functional requirements

**RWR2** Joint session IR/RWR Common Schema Innovation Hall

13:00  
**Lunch**

14:00  
**Session 3**

**BR3** LOX Roundtable

**IR3** IFC Bridge Expert Panel

**PR3** Shared Terminology panel on Libraries, Tools and Procedures

**RR3** Seminar

**CR3** Case Study of BIM in Construction Phase (2)

**AR3** Missing IFC assets classes

**RWR3** IFC Rail Project Progress Report

15:30  
**Break**

16:15  
**Session 4**

**BR4** Joint session IR/PR/RWR Open Information Exchange on Projects Innovation Hall

**IR4** Joint session BR/PR/RWR Open Information Exchange on Projects Innovation Hall

**PR4** Joint session BR/IR/RWR Open Information Exchange on Projects Innovation Hall

**RR4** Auto Code checking Application Form MVD

**CR4** Use of openBIM for construction

**AR4** Joint session BR/IR/PR Open Information Exchange on Projects Innovation Hall

**RWR4** Joint session BR/IR/RWR Open Information Exchange on Projects Innovation Hall

18:00  
**Close**

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* Members & Chapter Representatives working session, this is closed to non-members of buildingSMART International
**Thursday 18th October 2018**

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<td>IR5 IFC Ports &amp; Harbors Expert Panel</td>
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<td>BR7 Projects and Use Case Presentations</td>
<td>IR7 What next? Workshop beyond IFC5</td>
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<td>Session 8</td>
<td>BR8 Closing session</td>
<td>IR8 Closing session Summary &amp; Resolutions</td>
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<td>AR5 Conclusions Shared session</td>
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<td>bG5 Report from chapters and members, how to engage and contribute</td>
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<td>Session 6</td>
<td>RR6 Regulatory Room Road Map</td>
<td>CR6 Introduction to Activity of bSJapan ‘MEP and Environment Sub Committee’</td>
<td>AR6 IFC-Doc Overview &amp; Explanation</td>
<td>RWR6 IFC Rail Project Domain Discussion (Working Session)</td>
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<td>CR7 Model view definition (MVD) for GIS</td>
<td>AR7 IFC Rail Project Inter-Domain Discussion (Working Session)</td>
<td>RWR7</td>
<td>bG7 *bSI Strategy IFC &amp; bSDD (Members &amp; Chapter Representatives only)</td>
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<td>RR8 Closing Plenary; Summarize &amp; Proposal for Resolution</td>
<td>CR8 IFC Rail Project Inter-Domain Discussion (Working Session)</td>
<td>AR8 Closing Plenary; Summarize &amp; Proposal for Resolution</td>
<td>RWR8</td>
<td>bG8 *bSI Strategy IFC &amp; bSDD (Members &amp; Chapter Representatives only)</td>
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* Members & Chapter Representatives working session, this is closed to non-members of buildingSMART International
Friday 19th October 2018

Akasaka Intercity AIR

1 Chome-8-1 Akasaka, Minato, Tokyo 107-0052, Japan

Closing Plenary
of the International Standards Summit

| buildingSMART’s International Standards Summit conclusions |
| Richard Kelly |
| Airport Room: Alex Worp |
| ISG: Jeffrey Ouellette |
| Building Room: David Ivey / John Mitchell |
| IFC Strategy Development: Greg Schleusner |
| Railway Room: Winfried Stix |
| Infra Room: Tiina Perttula |
| Professional Certification: Sarah Merz |
| Product Room: Roger Grant |
| IDBE Update: Jim Plume / Carsten Roensdorf |
| Regulatory Room: Øivind Rooth |
| BIM basic IDM: Mathijs Natrop |
| Construction Room: Ken Endo |
| Workflow set up to allow openBIM and GIS alignment: John Mitchell |
| Closing Address: Richard Petrie |

openBIM Japan
Industry Afternoon

Akasaka Intercity AIR: 13:00 – 18:00

| 13:00 | The Status of BIM Adoption in the United States: |
| The Status of BIM Adoption in the United States: |
| James Vandezande, HOK, buildingSMART USA |
| 14:00 | Introduction to buildingSMART Professional Certification Program and Lessons Learned from German Chapter: |
| Introduction to buildingSMART Professional Certification Program and Lessons Learned from German Chapter: |
| Sarah Merz, DEUBIM, buildingSMART Germany |
| 14:40 | buildingSMART Infrastructure Room: |
| buildingSMART Infrastructure Room: |
| Christophe Castaing, buildingSMART France |
| 15:00 | IDBE, interoperability standards for geospatial BIM: |
| IDBE, interoperability standards for geospatial BIM: |
| Jim Plume, buildingSMART Australasia |
| 15:30 | Break |
| 15:45 | i-Construction: Toward the Revolutionary Improvement of Productivity in Construction: |
| i-Construction: Toward the Revolutionary Improvement of Productivity in Construction: |
| Daisuke Nasu, Ministry of Land, Infrastructure, Transport and Tourism |
| 16:15 | Domestic and International BIM/CIM Collaboration works in Penta-Ocean Construction Co. Ltd: |
| Domestic and International BIM/CIM Collaboration works in Penta-Ocean Construction Co. Ltd: |
| Tsuyoshi Kotoura, PENTA-OCEAN CONSTRUCTION CO., LTD |
| 16:45 | Improving Productivity of Public Building Project by utilizing BIM (TBC): |
| Improving Productivity of Public Building Project by utilizing BIM (TBC): |
| Tsuyoshi Yamada, Ministry of Land, Infrastructure, Transport and Tourism |
| 17:15 | Application for building confirmation by digital data: |
| Application for building confirmation by digital data: |
| Kensuke Yasui, NIKKEN SEKKEI LTD |

buildingSMART International remains at your disposal, should you have any questions concerning your visit: contact@buildingsmart.org / sheila.kerailum@buildingsmart.org
Meeting descriptions for the 17th and 18th of October

This list gives a brief description of the content of each working session to help you make your attendance selection. If you require more information, please contact contact@buildingsmart.org (indicating the room concerned)

Building Room meetings Contact: Ricardo Bittini

BR1 Opening plenary

BR2 Roadmap for Building Room – The Building Room Steering Committee will present their thoughts on the need for a strategic roadmap for the Building Room to engage in activities that meets the Industry needs. All participants are invited in to an open discussion to share their thoughts and insights from the industry as input to this work.

BR3 LOX Roundtable: The final report of the LOX will be presented, and participants are invited in to a Roundtable – session where input, feedback and experiences are shared.

BR4 Open Information Exchange on Projects (joint with BR/IR/PR/RWR) - identification of information exchange needs and requirements on representative use cases for energy modelling of buildings, bridge design to construction and rail systems modelling and how bSI standards and applications are evolving to meet the wide range of requirements represented by current needs for, and uses of, bSI standards.

BR5 IDM Model Setup

BR6 IFC for Landscape, Sites and Urban Planning. This is a new project that will be presented, and objectives and expectations will be set for the project. Interested parties are invited, and there will be a call for participation in the further work.

BR7 Projects and Use Case Presentations: There will be a presentation of different projects and use cases.

BR8 Closing session: Summary of the work and input from the sessions, and the Steering Committee will discuss their further plans for the work in the Building Room.

Infrastructure Room meetings Contact: Christophe Castaing

IR1 Opening session: introduction, Summit program and InfraRoom Steering Committee election results 2018.

IR2 IFC Common Schema (joint session RWR): progress update on Sprint 1 (Spatial Structure, Geotechnics and Earthworks); Rail Project update.

IR3 IFC Bridge Expert Panel: presentation of draft schema extension and request for Expert feedback.

IR4 Open Information Exchange on Projects (joint with BR/IR/PR/RWR) - identification of information exchange needs and requirements on representative use cases for energy modelling of buildings, bridge design to construction and rail systems modelling and how bSI standards and applications are evolving to meet the wide range of requirements represented by current needs for, and uses of, bSI standards.

IR5 IFC Ports & Harbors: presentation of draft Requirement Analysis report including in scope use cases, Process map and exchange requirements, and proposed MVDs; opportunity for feedback.

IR6 IFC Road Expert Panel: presentation of Phase 1 Deliverable Requirement analysis report (draft for review), which Asset management requirements, scope statement and IFC Road use cases. Request for Expert Feedback.

IR7 "What Next?" Workshop: InfraRoom community discussion, thinking beyond current projects (IFC5) to what needs to be addressed over the next 5 years.

IR8 Closing session: Summary & Resolutions

Product Room meetings Contact: Roger Grant

PR1 Opening session: review previous meetings, active resolutions and status of bSDD planning, deployment and utilization, new project proposals review and discussion.

PR2 Shared Terminology – Standards, Libraries, Tools and Procedures - Review and discussion of related standards projects at CEN and ISO, review and discussion of tools for working with terminology, utilization of IFC entities and properties in bSDD and procedures for use, translation, updating, presentation on efforts underway in Norway and overviews from other initiatives (participation TBD) followed by discussion of how collaborate on efforts and share content and procedures.

PR3 Shared Terminology – Standards, Libraries, Tools and Procedures (Cont’d.)

PR4 Open Information Exchange on Projects (joint with BR/IR/PR/RWR) - identification of information exchange needs and requirements on representative use cases for energy modelling of buildings, bridge design to construction and rail systems modelling and how bSI standards and applications are evolving to meet the wide range of requirements represented by current needs for, and uses of, bSI standards.
Meeting descriptions for the 17th and 18th of October

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**Regulatory Room meetings** Contact: Øivind Rooth

RR1 Steering Committee Meeting  
RR2 Seminar  
RR3 Seminar  
RR4 Auto code checking Application Form MVD  

**bSI General meetings** Contact: Richard Kelly

bG1 Professional Certification  
bG2 bSI Awards Program  
bG3  
bG4 Dfma and Lean Use Case  

**Construction Room meetings** Contact: Ken Endo

CR1 Opening session "Trend of BIM in Construction"  
CR2 Case Study of BIM in Construction Phase (1)  
CR3 Case Study of BIM in Construction Phase (2)  
CR4 Use of openBIM for construction  

**Airport Room** Contact: Alex Worp, Rob Roef – airport@buildingsmart.org

AR1 Opening Plenary & Feedback on Roadmap  
AR2 Common Data Environment (CDE) Functional Requirements - During the Spring 2018 Paris meeting, the AR team gathered a list of desired CDE requirements, regardless of current software solutions deemed important. All 24 requirements were captured on a flip board, with open standards at the top of the list. The next step is to condense this "wish list" to 10 primary CDE functional requirements for Airport operations.

AR3 Missing IFC assets classes - Currently, the IFC schema does not contain every Airport object class (entity), and instead uses a generic (proxy) object for missing entities. This temporary substitution is causing standardization issues for the receiver of an exported IFC file from a BIM software application (important to Airports today and must be addressed to expand the use of IFC).

AR4 Participate on other joined sessions - Every attendee is required to visit other Room’s sessions.

**PR5 Content and Quality Management Procedures WG Workshop** - update on development of methods and approaches for creating and managing quality of content, coordination with related ISO and CEN standards, representatives of current bSDD Agents sharing their procedures/experiences.

**PR6 Product Data Templates WG Status and Working Session** - update on activity and discussion of pilot testing with s/w vendors and product manufacturers, review of draft standard prior to submission.

**PR7 Classification in Models WG Workshop** - update on deployment of classifications systems including ETIM, OmniClass, UniClass and eCl@ss and how to develop standard for use with OpenBIM models.

**PR8 Library Exchange Standard (LEXS) WG Workshop and Closing Session** - representatives of the joint WG with InfraRoom will update on status, plans, open issues for coordination with other Product Room Working Groups and closing plenary of Product Room to address technical and implementation issues, resolutions.
Meeting descriptions for the 17th and 18th of October

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Railway Room
Contact: Winfried Stix, Suo Ning, Christian Erismann

**RWR1 Opening Plenary:**
- Opening the Session
- IFC Rail project: explanation of the project to visitors
- Steering Committee Spotlight
- Domain progress report

**RWR2 Joint Session IR/RWR Common Schema:**
- Geotechnical concepts – update
- Earthworks - update
- Spatial Structure - report on outstanding issues
- Drainage systems – use case report
- Alignment Extensions – including cant (railways) and skew (bridge transitions)
- Railway Equipment - update

**RWR3 IFC Rail Project Progress Report:**
- Report from Rome Workshop
- IFC-Rail Tutorial Update
- Common Schema Rail and Shared Elements: Challenges, Resources, Actual status
- EXPRESS2UML

**RWR4 Open Information Exchange on Projects (joint with BR/IR/PR/RWR):**
- Identification of information exchange needs and requirements on representative use cases for energy modelling of buildings, bridge design to construction and rail systems modelling and how bSI standards and applications are evolving to meet the wide range of requirements represented by current needs for, and uses of, bSI standards.

**AR5 Conclusions Wednesday shared sessions:** Feedback on the sessions last day and liaisons.

**AR6 IFC-Doc Overview & Explanation:** IfcDoc is a free tool created by Tim Chipman that gives the opportunity to create a model view definition that is corresponding to your needs. This tool can also validate an existing file based on a predefined MVD.

**AR7 Model view definition (MVD) for GIS:** GIS does not need all the data that can exist in an IFC file. According to the different products in GIS, different geometry and attributes need to be extracted from a model. Therefore, MVDs that correspond to the different products related to Safety, Space management etc. have been created, in order to give the opportunity to the users to immediately export the IFC file with only the needed information in it.

**AR8 Closing Session:** Conclusions