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IC 13/001	Munich Resolutions October 2013	Agenda Committee/ FG, CG, KIB	29/10/2013	Issued

## MUNICH RESOLUTIONS OCTOBER 2013

### 1. IUG Resolutions (including Product and Process Room resolutions)

IUG 13/10:1 (Product 13/10:8)	The Product Room resolves to update the Completion Plan and develop it into a new long range (5 year) vision and plan to achieve it to help guide the focus and direction of efforts. The Product Room asks that the Process Room and Infrastructure Room develop comparable plans and that the IUG consolidate these into a joint strategic plan.
IUG 13/10:2 (Process 3) Agreed as joint resolution with ITM)	Process Room Leader to reinitiate a process of collecting use cases where buildingSMART methods have been used. (upload to the web). Ask UserCom to investigate the possibilities of developing an arena for pilot projects to share experiences in applying buildingSMART methodologies. Ask UserCom to consider initiating an award program for the best buildingSMART construction, operation or renovation project. (connected to the pilot project idea/concept)
IUG 13/10:3	Officers of the International User group: Chair Kjell Ivar Bakkmoen New officers elected: Vice Chair Thomas A. Gay Secretary Birgitta Foster  Vice Chair and Secretary will attend USERCOM meetings.
IUG 13/10:4	UserCom: Kjell Ivar Bakkmoen, Chair Thomas A Gay, Vice chair Birgitta Foster, Secretary Bjørn Stangeland, Product manager Roger Grant, Product room Jan Karlshøj, Process room  Chapter representatives from: Norway USA UK France Germany Benelux Canada
IUG 13/10:5 (joint)	Thanked the GS Chapter for arranging the Summit and for their hospitality, associated with thanks to the meeting sponsors.

## 2. Product Room Resolutions

PR 13/10:1	The Product Room Steering Committee (PRSC) has reached agreement on the terms of a two-year agreement, <i>Terms of Use for and Contribution to the buildingSMART Data Dictionary</i> , with the Dutch CB-NL project. The PRSC recommends that the bSI Executive Committee execute the agreement with the representatives of CB-NL during the Munich meetings.
PR 13/10:2	The Product Room Steering Committee (PRSC) has reached agreement in principal on the terms of a <i>bSDD API Technology Server Hosting Agreement</i> with Catenda AS, the technology company that has worked in partnership with the PRSC to develop a new API and database infrastructure for the bSDD. The PRSC recommends that the bSI Executive Committee accept the agreement in principal during the Munich meetings with execution of the final agreement before the end of October 2013.
PR 13/10:3	The Product Room Steering committee resolves to release the new bSDD API and database version 4.0 based on execution of the <i>bSDD API Technology Server Hosting Agreement</i> and completion of API testing and data transfer prior to 20131201.
PR 13/10:4	Based on the scope and corresponding estimate of cost for that scope provided by Catenda, the Product Room Steering Committee resolves to seek the funding necessary to pay for the new bSDD Content Management tool and to work with Catenda to make it available along with the release of the new API.
PR 13/10:5	The Product Room Steering Committee resolves to re-establish a regular monthly meeting of the Steering Committee with participation from all members of the SC.
PR 13/10:6	The Product Room resolves to engage with the ECP and FIEC organizations to explore collaboration opportunities. We appoint Jacob Mehus and Steen Sunesen to represent us in this investigation.
PR 13/10:7	The Product Room resolves that the work of the Pilot Project has been extremely beneficial and that it should continue with expanded involvement from the projects that participated in Munich with resolve to accelerate pace and to focus on areas of product data templates and information exchanges leading up to a workshop on product data template development in the near future.
PR 13/10:8 This resolution adopted by IUG.	The Product Room resolves to update the Completion Plan and develop it into a new long range (5 year) vision and plan to achieve it to help guide the focus and direction of efforts. The Product Room asks that the Process Room and Infrastructure Room develop comparable plans and that the IUG consolidate these into a joint strategic plan.

PR 13/10:9	The Product Room resolves to address communications about the bSDD and Product Room activities through the new bSI website.
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### 3. Process Room Resolutions

PS 13/10:1	<p>Established an International BIM Guideline Working Group</p> <ul style="list-style-type: none"> <li>• Compendium by the end of 2013</li> <li>• BIM Execution Planning Guide and LOD candidates for deliverables by meeting in March 2014. Scope tbd.</li> <li>• Process Room Leader should investigate if the bips guide on IDM can be made available in English.</li> <li>• Investigate if buildingSMART can offer a monitored wiki-styles functionality that enable users to actively participate in discussions and development of concepts and best practice in the adoption and standardisation of applying open BIM solutions.</li> <li>• Investigate the possibilities for buildingSMART to publish pre-standard BIM guides material incl. IDM and facilitate a process for them to be recognized as standards. Define a procedure and requirements of how buildingSMART can recognize existing material as buildingSMART Process Room standards (IDM and BIM guide)</li> </ul>
PS 13/10:2	Develop minimum recommended requirements on open BIM in respectively courses (BIM tool, BIM managers, project managers, "current best known knowledge courses") for professionals and in syllabus for academia programs.

### 4. ITM Resolutions (including Infrastructure Room resolutions)

ITM 13/10:1	ITM resolves to develop, or adopt, a process to approve bSI standards. BCF 2.0 and mvdXML will be used as pilots to develop this process. Processes for acceptance and standardization of MVDs are also required.
ITM 13/10:2	ITM recommends that P7 (international framework for BIM guidelines) should be reconsidered/refined after the definition of level 3 (as defined by the UK BIM Task Group in the business plan) is accepted internationally.
ITM 13/10:3	ITM resolves that a procedure to manage property sets and their inclusion in bSDD must be developed. ITM recommends that the workflow management and maintenance between PSets and bSDD should be in a separate project (P9) and executed as soon as possible. Action will be taken between bSDD Steering Committee and ITM.
ITM 13/10:4	MSG is authorized to initiate work on Work Packages 1 & 2 in the original proposal TE1 (IFC4 Coordination View), as soon as bSI receives funding for this work from Norway.

ITM 13/10:5	ITM discussed the foundational projects and recognized their underlying importance for level 3 capabilities. ITM recommends TAG to engage in further research in the topics, especially FO03, FO06, FO07. ITM is asking TAG to collaborate with the P1 team to integrate the foundational work in the overall funding and execution plan. <i>FO03 Develop an Archival Model View</i> <i>FO06 BIM Data Origin and Tracking</i> <i>FO07 Enable Workflow Control in BIM</i>
ITM 13/10- 6	ITM recommends that the source code for bSI tool developments (IfcDOC, bSDD input tool) be made available to collaborators and asks ExCom to look urgently into open source licensing models and choose the appropriate one for bSI tool developments.
ITM 13/10- 7	ITM commends MSG and the MVD development team for excellent work in publishing mvdXML specifications and tools.

## 5. Infra Room Resolutions

IR 13/10:1	<p>The Infra Room election:</p> <ul style="list-style-type: none"> <li>- Chair: <ul style="list-style-type: none"> <li>o Christophe Castaing</li> <li>o Vice chair: Henk Schaap</li> </ul> </li> <li>- Co-ordinator: <ul style="list-style-type: none"> <li>o Henk Schaap</li> </ul> </li> <li>- InfraCom</li> </ul> <table border="1" data-bbox="359 1384 1053 1505"> <tr> <td>Pierre Benning</td> <td>Henk Schaap</td> </tr> <tr> <td>Christophe Castaing</td> <td>Jim Plume</td> </tr> <tr> <td>Hyunjoo Kim (secretary)</td> <td></td> </tr> </table> <ul style="list-style-type: none"> <li>- Steering Committee:</li> </ul> <table border="1" data-bbox="359 1574 1053 1854"> <tr> <td>Pierre Benning</td> <td>Vaino Tarandi</td> </tr> <tr> <td>Stuart Chen</td> <td>Hugh Woods</td> </tr> <tr> <td>Wonsik Choi</td> <td>Nobuyoshi YABUKI</td> </tr> <tr> <td>Hyunjoo Kim</td> <td>Jim Plume</td> </tr> <tr> <td>Paul Scarponcini</td> <td>Benno Koehorst</td> </tr> <tr> <td>Mikael Malmkvist</td> <td>Johnny Jensen</td> </tr> <tr> <td>Andre Borrmann</td> <td></td> </tr> </table>	Pierre Benning	Henk Schaap	Christophe Castaing	Jim Plume	Hyunjoo Kim (secretary)		Pierre Benning	Vaino Tarandi	Stuart Chen	Hugh Woods	Wonsik Choi	Nobuyoshi YABUKI	Hyunjoo Kim	Jim Plume	Paul Scarponcini	Benno Koehorst	Mikael Malmkvist	Johnny Jensen	Andre Borrmann	
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IR 13/10:2	The Infra Room resolves to work on an overall strategy that gives direction for future work of the Infra Room. It is expected to be discussed in the next Infra Room meeting (March 2014). The Steering Committee is asked to take action on this.																				

IR 13/10:3	The Infra Room welcomes the proposal from Rijkswaterstaat to position COINS as a standard affiliated to buildingSMART and to bring this onto the agenda of ITM.
IR 13/10:4	The Infra Room welcomes the initiative to forward a New Work Item to bring the Dutch COINS standard in as an ISO standard and include PLCS developments. Encourage other chapters/countries to join this initiative.
IR 13/10:5	The Infra Room resolves to express the need to extend the IFD standard to the level of interoperability and ask the Product Room to take action on this.
IR 13/10:6	The Infra Room welcomes the MOU between buildingSMART, Rijkswaterstaat, V-Con and Trafikverket to work together to complete the Project IFC Alignment Model.
IR 13/10:7	The Infra Room resolves to give top priority to the Alignment project as expressed in the project summary of IFC Alignment and decides that alignment is needed in the next version of IFC. The first task of Infracom is to prepare a project management plan.
IR 13/10:8	The Infra Room concludes that coordination and collaboration with OGC and landXML is a crucial issue for the alignment project.
IR 13/10:9	The Infra Room resolves that the other top priorities are: Data dictionary, IFC-bridge and Delivery of As-built data. Volunteers to work in activities on this priorities are identified. The steering committee will plan next steps. The development of use cases will be part of the activities.
IR 13/10:10	The Infra Room welcomes the Korean IFC Road's proposal to collaborate with the buildingSMART Infra Room on the alignment project. The Infrastructure Room thankfully acknowledges the IFC Road proposal by KICT of the Korean chapter and will recommend to ExCom and ITM that it should be accepted after any necessary clarifications.
IR 13/10:11	The Infra Room recommends making the current LandXML MVD draft publically available for review and comment via the buildingSMART website and encourages InfraCom to organize a meeting with implementers.
IR 13/10:12	The Infra Room recommends publication of all available material and presentations on the buildingSMART website.
IR13/10:13	The Infra Room thanks all presenters and contributors to a memorable and successful second Infra Room meeting.