

# buildingSMART International Product Room

October 2015 Resolutions and Outputs  
Singapore

# Product Room Workshop - Target Outputs

## Coordination and Collaboration

1. **bSDD Working Group**
2. **Product Data Templates WG**
3. **Catenda**
4. **CB-NL Update**
5. **Co-Builder/PIX Update**
6. **PPBIM / EU CEN Dictionary WG**
7. **IFC Bridge / Bridge Terminology**
8. **Australia Precinct Project**
9. **bS Korea**
10. **Free BIM Tirol/Uinnsbruck**
11. **UK / NBS Digital Toolkit**
12. **IFD SignOn**
13. **ISO 16757/HVAC Objects**
14. **Local Projects**
15. **Symbol Libraries**
16. **SIS and BIM Alliance Sweden Classification Development**
17. **bips New Classification System**

# Product Room Workshop P4 Project – Target Outputs

- Tools
  - bSDD Content Management Tool
  - ✓ **RLOM Tool (P03) – bSDD Table Tool**
  - ✓ **Duplicate checking and bulk upload tool**
  - Shared Procedures
    - Terminology creation/development (Pilot Project)
    - Content Guidelines
    - CM Tool Documentation
- Core Data
  - ✓ **IFC in bSDD (P09)**
    - ✓ **QA/QC**
  - ✓ **Classification**
    - ✓ **Standard classification upload process established**
    - ✓ **IEC/ISO 81346 and BSAB Systems**

# Product Room Workshop P4 Project

## – Target Outputs

- **Collaboration with Other Rooms**
  - Technical Room
    - Using bSDD to manage and develop IFC
    - Connecting IFC.DOC and bSDD
    - ✓ **Linked Data and bSDD**
  - Infra Room
    - ✓ **Terminology** for Roads and **Bridges**
    - ✓ **Building Room BIM Guidelines WG**
      - **BIM Guide Terminology Development**
- **Product Data Templates**
  - ✓ **Formed Working Group under new bSI standard process**
    - Leader and Members identified
    - Developing test cases
  - ✓ **Utilize existing efforts as foundation**
  - Develop bSI Standard and move to ISO Standard

# Product Room Resolutions/Outputs

Number	Resolution
PR 2015-10:01	Provide delegates from the Product Room to the Linked Data WG to foster collaboration. Linked Data WG to prepare a white paper to identify how Linked Data and bSDD can best work together to provide access, implementation and extension of building industry terminology with goal to have white paper by next meeting.
PR 2015-10:02	Conduct QA/QC on the IFC entities and enumerated types that have been introduced into the bSDD by Co-Builder and introduce the IFC Quantity Sets to complete the IFC in bSDD before next bSI Summit. With the IFC available in bSDD, work with the Technical Room to develop a work flow for translation of IFC by bSI Chapters and projects.
PR 2015-10:03	Form a new WG on Classification to explore the creation of a standard approach to implementing classification in conjunction with bSI standards for models (IFC), terminology (bSDD) and process (IDM/MVD) to support open IFC-based BIM and connection to external systems that use and rely on classification and allow for the coordination of classification systems in use in different countries.
PR 2015-10:04	<p>Direct the new Product Data Template WG to:</p> <ul style="list-style-type: none"> <li>• Identify a process model for how to generate and manage PDT based on PPBIM schema and BRE product template process to create an IDM for PDT process.</li> <li>• Utilize PPBIM as a fundamental resource for development of PDT process. PDT WG should interact with and provide input to guide development of PPBIM into resource for PDT.</li> <li>• Resolve that PDT development should start from an MVD for each product type to be identified. Relation to project phase/stage should be considered. Use of IFC.DOC to document and generate MVDXML should be pursued.</li> <li>• Establish process for connection to bSDD as repository for templates and place to identify extensions to templates beyond IFC.</li> <li>• Launch regular meetings to pursue these items towards having PDT development plan including demonstration case by next standards summit.</li> </ul>

# Product Room Resolutions

## PR2015-10:01

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# Product Room Resolutions

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# Product Room Resolutions

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# Product Room Resolutions

## PR2015-10:04

Direct the new Product Data Template WG to:

- Identify a process model for how to generate and manage PDT based on PPBIM schema and BRE product template process to create an IDM for PDT process.
- Utilize PPBIM as a fundamental resource for development of PDT process. PDT WG should interact with and provide input to guide development of PPBIM into resource for PDT.
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- Establish process for connection to bSDD as repository for templates and place to identify extensions to templates beyond IFC.
- Launch regular meetings to pursue these items towards having PDT development plan including demonstration case by next standards summit.

# Resources

## **Roger Grant, CSI, CDT**

Product Room Leader and bSDD Secretary

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More information:

[www.ifd-library.org](http://www.ifd-library.org)

[www.buildingsmartalliance.org](http://www.buildingsmartalliance.org)

[www.buildingsmart.com](http://www.buildingsmart.com)