Proven Practices Subcommittee

Annual Operational Plan - 2016
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1. Subcommittee Summary

According to the bSa 2015 Strategic Plan, the buildingSMART alliance® has 342 members, 6,300 adopters and 8,250 global registrants in over 18 countries. This is impressive growth since this organization was first chartered by the National Institute of Building Sciences in 2006.

The Proven Practices Subcommittee (PPS) proposes to provide an open forum where proven practices can be identified, validated and disseminated to bSa members. This forum is intended to crowdsource the expertise in the bSa to show how information technology can be developed and achieved in practice. It will be the ongoing responsibility of the PPS to Develop, Support, and Maintain the Proven Practices forum. The PPS will also be responsible for communicating with bSa members, software vendors, and other subcommittees in an effort to make this information technology forum a successful source of practical knowledge in the industry.

As the buildingSMART alliance heads into 2016, it faces the need to build relevance and create measurable value. The issues are similar to those faced by organizations like Google, Facebook, Amazon as they move into their second decade. How does one continue to innovate with the energy of a startup and not become bogged down with the typical trappings of growth? How does bSa make relevant contributions to industry professionals looking for guidance on today's best practices and work processes, not the practices and processes of ten years ago? How does bSa embrace emerging technologies and trends to chart a path that will future-proof the industry for tomorrow? The bSa Proven Practice Subcommittee will tackle these questions in 2016.

It might be more helpful to explain what the bSa Proven Practices Subcommittee does NOT want to do. The PPS shall not be setting standard practices for the industry. It is not the intention of this subcommittee to try to regulate work practices. Instead of standards, it will be a forum for the sharing of best practices. The PPS will also not be promoting any individual software packages. However, software vendors will be allowed to demonstrate how they support best practices.

We are very excited about this opportunity to showcase the spirit of bSa's innovation and leadership. By focusing on the tens of thousands of professionals who will benefit from our work, we look forward to kicking off another successful decade.
### 1.1. People: List of Members

<table>
<thead>
<tr>
<th>First</th>
<th>Last</th>
<th>Email</th>
<th>Company</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connor</td>
<td>Christian</td>
<td><a href="mailto:Connor.christian@kiewit.com">Connor.christian@kiewit.com</a></td>
<td>Kiewit</td>
<td>Chair</td>
</tr>
<tr>
<td>Stacy</td>
<td>Jackman</td>
<td><a href="mailto:Sjackman@wralp.com">Sjackman@wralp.com</a></td>
<td>WRA</td>
<td>Member</td>
</tr>
<tr>
<td>Richard</td>
<td>Gee</td>
<td><a href="mailto:Richard.gee@gsa.gov">Richard.gee@gsa.gov</a></td>
<td>GSA</td>
<td>Member</td>
</tr>
<tr>
<td>Ralph</td>
<td>Kreider</td>
<td><a href="mailto:Ralphkreider@gmail.com">Ralphkreider@gmail.com</a></td>
<td>MBP</td>
<td>Secretary</td>
</tr>
<tr>
<td>Rachel</td>
<td>Riopel</td>
<td><a href="mailto:Rachel.riopel@hdrinc.com">Rachel.riopel@hdrinc.com</a></td>
<td>HDR</td>
<td>Member</td>
</tr>
<tr>
<td>Josh</td>
<td>Greene</td>
<td><a href="mailto:Jgreene@jensenhughes.com">Jgreene@jensenhughes.com</a></td>
<td>Jensen Hughes</td>
<td>Vice Chair</td>
</tr>
<tr>
<td>Greg</td>
<td>Ceton</td>
<td><a href="mailto:Gceton@csinet.org">Gceton@csinet.org</a></td>
<td>CSI</td>
<td>Member</td>
</tr>
<tr>
<td>Carrie</td>
<td>Stuarts Dossick</td>
<td><a href="mailto:Cdossick@uw.edu">Cdossick@uw.edu</a></td>
<td>University of Washington</td>
<td>Member</td>
</tr>
<tr>
<td>Chetan</td>
<td>Mogal</td>
<td><a href="mailto:Cmogal@bimengus.com">Cmogal@bimengus.com</a></td>
<td>BIM Engineering US</td>
<td>Member</td>
</tr>
<tr>
<td>Mike</td>
<td>Bordenaro</td>
<td><a href="mailto:Mbordenaro@cs.com">Mbordenaro@cs.com</a></td>
<td>BIM Education Co-Op</td>
<td>Member</td>
</tr>
</tbody>
</table>

*Additional committee members are being considered based on recommendations and responses to the bSa for interest in being part of Proven Practice. This list will be updated as membership participation evolves.*
2. Annual Operational Plan

2.1. Introduction
The building industry in the United States is enormous with a huge impact worldwide. Yet there are challenges for owners' business needs, design, construction, operations and beyond that cannot be solved in one country. The status quo is broken and the buildingSMART alliance (bSa) and National Institute of Building Sciences (NIBS) is in the right place to connect the disruptive technologies and processes that have already changed the world around us to the built environment.

The buildingSMART alliance message can be complex to understand from an outsider's perspective. There are many layers of information and knowledge sharing that need to be communicated from the perspective of the specific audience and their understanding and value proposition. The messaging needs to address a range of stakeholders all the way from the public who has no knowledge of buildingSMART to the highly technical end users of solutions.

Proven Practices will focus on the following audience:
1. Practitioners (Designers, Engineers, Architect, Contractor, etc)
2. Facility Owners

What Proven Practices Will Focus on - Proposal for Three Main Themes:
1. Defining Proven Practice
2. Creating a Proven Practice Forum
3. Engaging with Software Vendors
2.2. Current Challenges for Proven Practice

With the variations in practice across the board, there are many factors that will influence the definition of what may be considered "proven" in application. The following represent specific known challenges for this committee:

- Metrics, and Key Performance Indicators (KPI’s) are not readily available
- Creating a process of deeming a Practice as "Proven" that is considered fair and open.
- Practices may differ depending on the stage of a project.
- Intellectual property issues that may prevent sharing of Proven Practices
- Classification of Proven Practices will be necessary to promote understanding and ease of use.
- Engaging Software vendors in a way that allows the Proven Practice to remain software agnostic
- Effective capture of audience feedback to support a consensus driven or crowd sourced process.
- Once defined, a sustainable plan for maintaining the content (updating and/or retiring) will need to be carried forward by the committee.
2.3. Work in 2016
Work for 2016 will be focused in the following areas:
  • Create Definition of Proven Practice
  • Document Work Flow
  • Create Submission Form
  • Choose a venue for the forum
  • Provide a business plan to the Board of Direction
  • Plan to Engage Software Vendors

Resulting work product(s) are intended to be a framework for future years to build upon. Each
designed with a focus to provide a sound working structure that encourages involvement while
being flexible enough to support future expansion.

2.3.1. Resources
Resources will be required to execute any project at the bSa. All labor for these projects is
provided by the volunteer efforts of members of the bSa. The following items will be required to
operate the PPS:
  • Survey Platform (Internal and External)
  • A mechanism for communicating with Standards Committees and other Subcommittees
  • Subcommittee Guidelines
  • File Sharing and Development Space
  • Voting Mechanism (Official Voting and Unofficial Voting)
  • Publishing Plan (Platform for Final Product, Process, etc)
  • Meeting Platform
  • Funding (for projects)

2.3.2. Schedule
The following items are highlight the major work activities and their respective timeframes:
  • Business Plan 3/1 - 4/15
  • Product Demo's of Forum 5/15
  • Create Definition of Proven Practice 4/15 - 5/31
  • Create Workflow and Submission Form 5/31 - 7/15
  • Choose a venue for the Forum 5/31 - 7/15
  • Create Business Plan for BOD 7/15 - 8/15
  • Engage Software Vendors 8/15 - 10/15
  • Create Handover Plan 10/15 - 11/15
2.4. How PPS Supports the bSa 2015 Strategic Plan:
The 2015 Strategic Plan was created by the Board of Direction as a guide for the subcommittees to follow. The following items are objectives of the Strategic Plan that the PPS will be supporting in the scope of work described in this document:

- Support the Vision and Mission by working toward developing and deploying Proven Practices that foster effective work process based on collaboration, well informed use of information technology, and open standards ultimately aiming to significantly improving the built environment delivery and operation process.
- Support the Goals through providing thought leadership for industry work process improvements by creating a forum to develop, share, promote and deliver Proven Practices that support all sectors of stake holders within both the private and public sectors within a business model enabled toward bSa activities.
- Supports Industry Leadership by providing a forum for Proven Practices that maintains a neutral setting that serves to equitably accommodate broad industry representation by all stakeholders, participants, companies, and agencies.
- Supports Membership Values by encouraging participation in cross-industry discussions to vet ideas, current trends, and the costs and difficulties of each with the goal of enabling the best practices to rise to the top as Proven Practices.

2.5. Five Year Plan
The Proven Practices Subcommittee is focused on creating an open forum for ideas and refining them to be part of our industry standards. With that goal in mind the Five Year plan will have three major parts. The first part of the plan will be to develop and establish the forum for ideas. The second part will be to populate and maintain the forum so that we are able to establish a workflow and a large body of content. The third part will be to establish how ideas from the forum can be used to inform bSa standards. This timeline will not be linear but will proceed for the most part in this order.
3. Subcommittee Methodology and Execution

3.1. Meetings:

Internal PPS Meeting:
Ad Hoc Meetings: As needed
bsa Board Interaction with PPS: First and third Monday of every month from 2:00-3:00 PM eastern time.

3.2. Face to Face Meetings
2. Quarterly when opportunities arise.

3.3. Team Roles:
1. Chair – Connor Christian
2. Vice Chair – Josh Greene
3. Secretary – Ralph Kreider
4. Members
   a. Task Leads for each focus area
   b. Each member to be associated with specific task areas

3.4. Team Management:
1. Trello for a dashboard view of where we are
2. One Drive for Documents and File Sharing
3. GoToMeeting and WebEx for online meetings
4. Connections to other bSa Subcommittees
   a. Thought Leadership – create new ways for the bSa to interface with industry
   b. Communication - how to get the message out concisely and increase interest in bSa
   c. Information Standards - Expand standards to include web services, agile etc.
   d. Education - Get more of the industry involved. Does not have to be complex.
   e. Membership - Get larger cross section of industry. Not just BIM people.
   f. Industry Liaison - connections to other industry groups. Has already started to ALN, COAA etc.
4. Conclusion

The buildingSMART alliance Proven Practices Subcommittee is seeking to create an open forum for the sharing of best practices related to information technology implementation. The AECO industry has had many years of being educated on how technology can improve practice but has had very few examples to learn from. Information technology process is stronger when all parties involved are capable of contributing. By creating this forum it is the intention of the PPS to help all members of the industry in the US become better practitioners, better partners, and better service providers.