

IBPSA-USA Building Data Exchange (BDE) Committee

Web Meeting

07/09/2020, 2 pm Central Time

Notes Prepared By:

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Action Items: See [Action Item Tracking](#)

Attendees: See [Attendance Tracking](#)

Agenda:

1. Roll call and introductions (5 mins)
2. BDE Survey - Tim McDowell (5 mins)
 - a. Current status & feedback
 - b. Distribution date
3. WG- Data-Models - Cory Mosiman (10 mins)
 - a. Chair announcement and participation
 - b. Motivation
 - c. Title, Purpose, and Scope
 - d. Near Term Projects
 - e. Meeting schedule
4. WG - Climate Information - Parag Rastogi (15 mins)
 - a. Report out from meeting on 07/08
5. WG - Compliance and Certification Reporting - Matt Steen (15 mins)
 - a. Report out from meeting on 07/02
 - b. Review of **DRAFT** [Motivation Document](#)
6. Program - Blanca Dasi Espuig (5 min)
 - a. Webinar Topics
7. Parking lot (5 mins)

Notes:

- 1) Roll call and introductions (5 mins)
- 2) BDE Survey - Tim McDowell (5 mins)
 - a) Current status & feedback
 - i) Tim provided an update on the development of the BDE survey. Following the full committee meeting on 06/011, a draft survey was shared with the BDE members and has been modified based on their feedback. The present draft of the survey is a google form type consisting of approx 15 questions.
 - ii) The committee discussed the intended audience for the survey, use of mailing lists (IBPSA USA, BuildSim, Building Sync, gbXML e-newsletter) for survey distribution, the possibility of a phased rollout for better outreach and tracking of responses, and incentives for the respondents to increase the response rate.
 - b) Distribution date
 - i) Tim will write the introductory text for the survey, possibly closing it by 21st July, after which it can be shared with the industry. Committee members can pitch in with questions and suggestions in the meantime.
- 3) Sagar Rao informed the members that apart from procedural topics, the full committee meetings will also focus on report-outs from different the WGs. The WG chairs can provide updates on the meetings that take place between the monthly full committee meetings.
- 4) WG- Data-Models - Cory Mosiman (5 mins)
 - a) Chair announcement and participation
 - i) Cory Mosiman (NREL) agreed to chair the data-models working group. The kick-off meeting on 06/29 happened with Neal Kruis and Sagar Rao to discuss the roles, responsibilities, and IBPSA procedures.
 - b) Motivation
 - i) Cory informed the committee that the data modelling WG would play an advisory role from a schema development and data modelling perspective. The intent will be to learn from the gaps in the process followed for the development of existing schemas, e.g. IFC & gbXML. The WG will focus on developing a consistent convention for all outputs from the BDE committee.
 - c) Title, Purpose, and Scope
 - i) Cory shared the draft [TPS](#) to be further refined in upcoming WG meetings. Providing a quick intro to the TPS, Cory informed that the scope would include serialisation formats, schema formats, and core

components, such as reusable data structures, that can be used by other WGs for producing BDE schemas.

- ii) Richard See cautioned against reinventing the wheel completely and suggested that utilising reusable existing data structures from other standards will be helpful for data vendors who are implementing import-export formats.

d) Near Term Projects

e) Meeting schedule

- i) TBD through a doodle poll this week.

f) New participants:

- i) Tianzhen Hong, Matheus Bracht, Matt Steen, Richard See, Anna Morton

5) WG - Climate Information - Parag Rastogi (15 mins)

a) Report out from meeting on 07/08

- i) On behalf of Parag Rastogi, Sagar Rao informed that the Climate Information WG met to set the vision and discuss timelines, deliverables, the structure of the consensus document and collaboration with similar initiatives.
- ii) Development of a consensus document on climate information is also part of the deliverable in the IBPSA-BDE proposal submitted to DOE.
- iii) WG will further scope out the deliverables to produce a meaningful output in the coming months.
- iv) The WG discussed using GitHub for hosting the documents. The WG will work with Matt Steen, who is the primary organiser for the GitHub repository, to publish the documents. Neal proposed using the ASHRAE 205 committee's approach to maintain, develop and publish schemas online.
- v) The IBPSA website will also be used for publishing documents.
- vi) The WG is open for participation from BDE members and those outside the committee working in this area. Those interested may reach out to Parag or Sagar for receiving the future meeting invites.

6) WG - Compliance and Certification - Matt Steen (15 mins)

a) Report out from meeting on 07/02

- i) Matt informed that the WG was renamed to Compliance and Certification Reporting after the last full committee meeting and a draft [TPS](#) was discussed in the WG meeting on 07/02.
- ii) The WG also had a joint meeting with ASHRAE 229 committee members to go over the scope of both the committees and explore areas of

collaboration and conflict.

- b) Review of **DRAFT** [Motivation Document](#)
 - i) A draft motivation document is available for review and feedback from the members. The document calls for a direct/consistent communication format between users and administrators for compliance and certification. The proposed communication structure may manifest as an export capability from the energy modelling software that captures the majority of information needed by most compliance and certification programs.
 - ii) The WG will ensure that it does not duplicate the work done by the ASHRAE 229 committee.
 - iii) WG is seeking a vice-chair and more members.
- 7) Program - Blanca Dasi Espuig (5 min)
 - a) Webinar Topics
 - i) Blanca will work with Neal/Tim on a webinar to give the committee a background on the approach used by the ASHRAE 205 committee to develop, maintain and publish the schemas online. BDE WGs may then use a similar approach to develop and publish their documents.
- 8) Parking lot (5 mins)
 - a) Sagar discussed the possibility of a change to meeting times/duration as the WGs generate detailed report outs that require a deeper deliberation from the full committee.
 - b) As an alternate, given that most of the detailed discussions will happen in the WG meetings, the full committee meetings can be used to provide updates from WGs and can focus only on important consensus actions.

The meeting was adjourned at 3:10 pm Central Time. The next full committee meeting will take place on 13th August 2020.