IBPSA Project 2
Expert meeting at DTU: Task 1 breakout session

21/11/2024

Agenda.
- Events, workshops, and presentations [10 min]
- New adopters, usage, and feedback [30 min]
- Website and other media [15 min]
- Miscellaneous [5 min]

Events, workshops, and presentations.

- 2024/11/27 → 1st Project 2 research webinar at IBPSA Webinar Series.
- 2025/01/29 → 2nd Project 2 research webinar at IBPSA Webinar Series.
- 2025/05/13 → Presentation at the Building Digital Twin International Congress. Laura Zabala or Jesus Febres from R2M will present there.
- 2025/08/24 → BS2025 in-person meeting and workshop: Esther reached out to the organizers to see if we can have time for the workshop. First, we want to make sure we get time allocated in the conference, then we can start thinking of a specific format for the meeting. We could also do it separately from the conference by booking a room elsewhere, as it was done in Rome for Project 1. From the attendees, who is planning to go? Ettore, Harald, Dave. Lieve's team is expected there too. Jan Marco might go as well. Dave sends a poll to the group to see who is interested. We probably want to organize it with Michael and the IBPSA Modeling group.
- 2025/08/24 → BS2025 papers on software and test cases. Papers are due end of February. Feedback from BS2025 abstracts has not been received yet. We should get feedback by November 30th.

New adopters, usage and feedback
How can we encourage adoption?
- First, start by using it ourselves! Two good examples are Jaap Neven (PhD at KUL) and Jorge Molino (intern at Wedoco). Involving PhD and master thesis students plants a seed to spread adoption. The same goes for using BOPTEST in teaching.
- DOE is mostly interested in adoption by industry. The dashboard will be useful for companies to benchmark themselves against competitors, but they may not want to share their performance results with others. For the industry, BOPTEST may be mostly useful for prototyping and internal benchmarking. The industry organizations that have reached out are more interested in QA, QC, and internal sharing of ideas. We emphasize the importance of the dashboard's filtering capabilities in categorizing controllers.
- We should continue organizing contests, workshops, and trainings. The Adrenalin contest has been a big success in this regard, but for the time being it is not expected to be repeated next year, funding would be needed to invest the time necessary.

- Bertrand: [the AEC (Architecture, Engineering, Construction) hackathon](#) is organized once every year from Friday to Sunday. One can go there and pitch a challenge. Construction engineers or software engineers attend there. At the end of the hackathon, participants present their solutions to a jury, and you can get a prize but it is symbolic.
- Last IBO meeting. Kevin professor at Purdue said it'd be interesting to organize a Contest on BOPTEST in the conference at Purdue (High-Performance Buildings) or UC Boulder.
- Last year the Denish Technology Institute (organizatino similar to SINTEF) had a seminar on the digitalization of HPs (70 people or something) something to look into.
- Proposal: seeking funding from a European consortium that emerged from Project 2 could be extremely beneficial. Not only facilitates resources to make up the needed time for development but also as a dissemination channel to other INDUSTRIAL partners. High TRLs may need us to place BOPTEST into a wider proposal, but it can perfectly fit as a first testing step before staging up controllers to be deployed in reality. Seeking shared funding leads to common goals and delivers a united community. This could be a game-changer. Michael got cross-funding through Building Technologies Office in the past. Ettore asks Michael and his former PI advisor at Polytechnic di Milano about this. Javier asks Lieve and R2M how we could proceed with this.

Website and other media.

Updates to website
- Software: When communicating the new release we should add a warning/note that Service is merged into the master branch and becomes the only deployable runtime architecture.
- Results Dashboard: There will be a summary of the dashboard and a link to it. Embedding may require much more development.
- Ducumentation: Needs multiple updates here and there. Particularly to remove those sections that are deprecated. Distinguish between the technical implementation of custom KPIs and other KPIs.
- Publications: it is a bit blurry which publications we put on the website. We only include those that emerged from Project 2. For that, we agree to more systematically include the Project 2 acknowledgment in the papers that emerged from this project (find it in the project proposal).
- Training: make two different tabs (as in the documentation) to differentiate between user training and test case developer tutorials.
- Related projects: the goal is to acknowledge other projects that worked with BOPTEST (e.g. the Adrenalin project). We try to come up with a list and post it there.
- Project 2: add group photo under In-Person Expert Meeting.

Do we want other media?
Hosting a Linkedin page requires time and effort to be maintained. For the moment we have decided to continue to post individually on Linkedin.