

IBPSA Project 2: BOPTTEST  
Task 3 Emulator development  
Virtual Progress Meeting  
11/11/2024  
6:00 AM –7:00 AM U.S. Pacific Time

Participation

	Name	Affiliation
1	David Blum	LBNL
1	Ettore Zanetti	
1	Harald Taxt Walnum	Sintef
1	Javier Arroyo	Wedoco
1	<a href="#">Matthias Van Hove</a>	Danmarks Tekniske Universitet DT
1	Guowen Li	Texas A&M
1	Kun Zhang	École de Technologie Supérieure (ÉTS)

Minutes:

- Large Office [Yan, Xing] –  
No news. Need 2025 budget to start working on it again. Ettore will take a look at t = 0 initialization error.
- ADRENALIN Emulators and general update [Harald] – [competition](#) over.  
Single zone commercial. Harald uploaded changes to his fork of the repository. Ettore created a new branch [Issue702](#). Harald to make pull requests on that branch.
- DOPTTEST  
[Javier] Waiting until refactor of main repo finished, and then get back to KPIs Disaggregation PR and other issues around DOPTTEST workflows development and integration.  
[Cas] Co-simulation FMUs exported with OM crashing, bug issue opened with OM <https://github.com/OpenModelica/OpenModelica/issues/13157>. Testing different solver options apart from Forward Euler for co-simulation FMUs that may require cmake and Ubuntu updates. Ettore asked for clarifications, since as far as he knows, OM only supports co-simulation FMUs with forward euler.
- Twozone Apartment Hydronic [Ettore]  
No updates. Ettore to add discussion on Two zone model with DER and storage.

- DTU emulators [Matthias]

No updates. They are going to do experimental campaign on the real buildings and hopefully start development

- ETS emulator [Kun]

No updates, Ali still waiting on Visa.

**IBPSA Project 2 Task 3 breakout session discussion**

- Update test case OM compatibility table to reflect latest tests
- Better highlight issues and solutions for compilation and execution tools