

Task 1: Outreach and Community Building

Events & Project BOPTEST+

Javier Arroyo, Wedoco
Online meeting
December 17th, 2025



IBPSA Project 2



Outline

- Events, workshops, and presentations [10 min]
- Website and other media [10 min]
- Project BOPTEST+ [35 min]
- Miscellaneous [5 min]

Events, workshops, and presentations

Events

- **Events:** (*Chronological order*)

- ✓ 2025/05/13 → Presentation at the Building Digital Twin International Congress.
- ✓ 2025/06/02 → BOPTEST v0.8.0 released! 
- ✓ 2025/06/11 → 4th Project 2 research webinar at IBPSA Webinar Series.
- ✓ 2025/08/24 → BS2025 in-person meeting and workshop.
- ✓ 2025/08/24 → BS2025 papers on software and test cases.
- ✓ 2025/11/18 → BOPTEST v0.9.0 released! 
- 📅 ?

Website and other media

Website and other media

- **Website** pending actions:
 - Documentation
- **Linkedin** pending actions:
 - Publication on latest release
- **Dashboard**

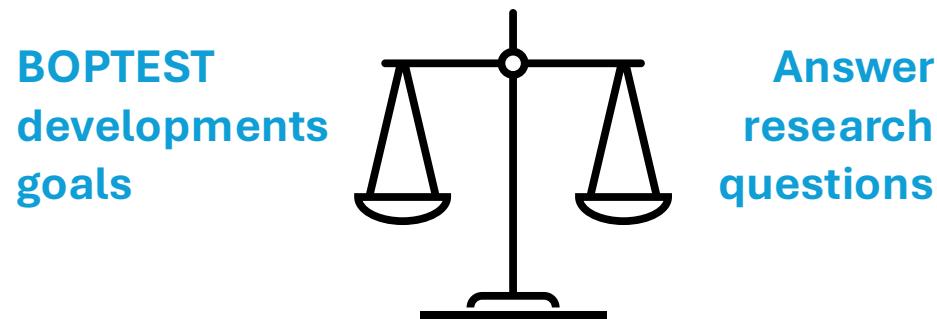
Project BOPTEST+

Motivation

Commitment = Interest + Resources

We have a lot of interest, but lack the resources...

Proposal → Seek research funding in Europe that supports our developments



Call



HORIZON-CL5-2026-02-D4-02: Smarter buildings as part of the energy system for increased efficiency and flexibility – Societal Readiness Pilot

- Cluster 5: Climate, Energy, and Mobility
- Project Type: Innovation Action (IA)
- Technology Readiness Level (TRL): End at TRL 6-8
- Opening: 16 Sep 2025
- Deadline: 17 Feb 2026

Consortium



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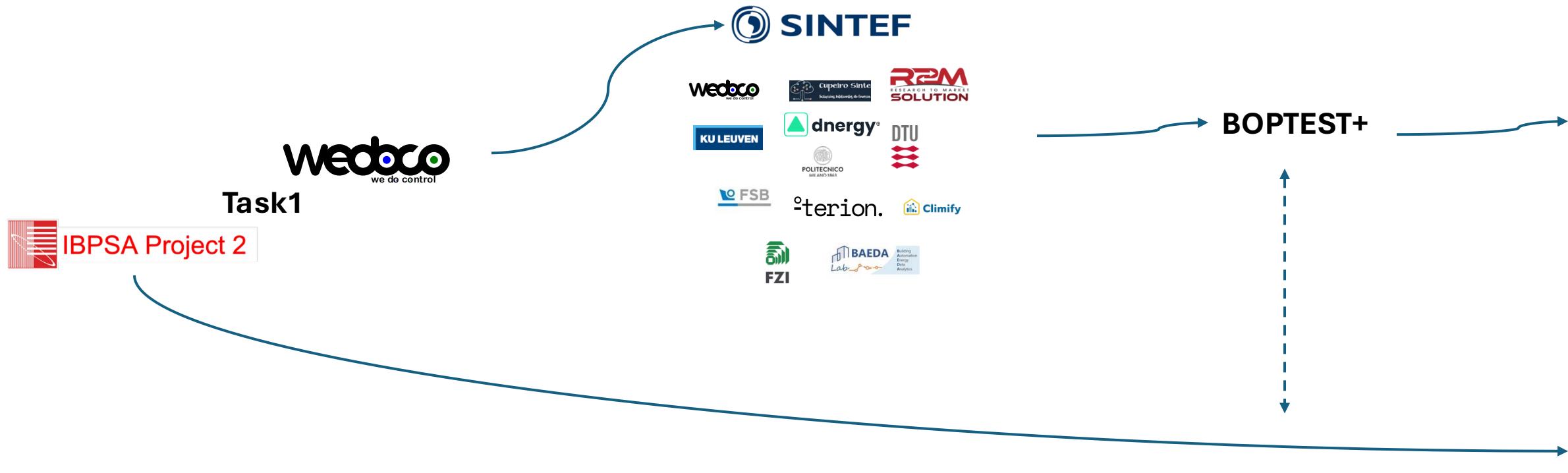


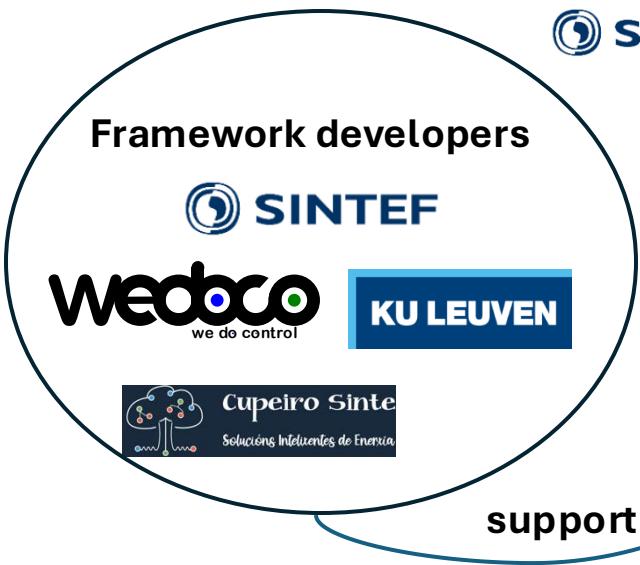
With the support of:



Consortium

SINTEF is leading **proposal writing**





SINTEF



FSB



FZI



Modeling B1



B1

Modeling B2



B2 (Grid interactive)

Modeling D1



D1

BAEDA Lab
Building Automation Energy Data Analytics



CS1



**RPM
SOLUTION**
RESEARCH TO MARKET



CS2



DTU



CS3



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CS4



dnergy®



CS5



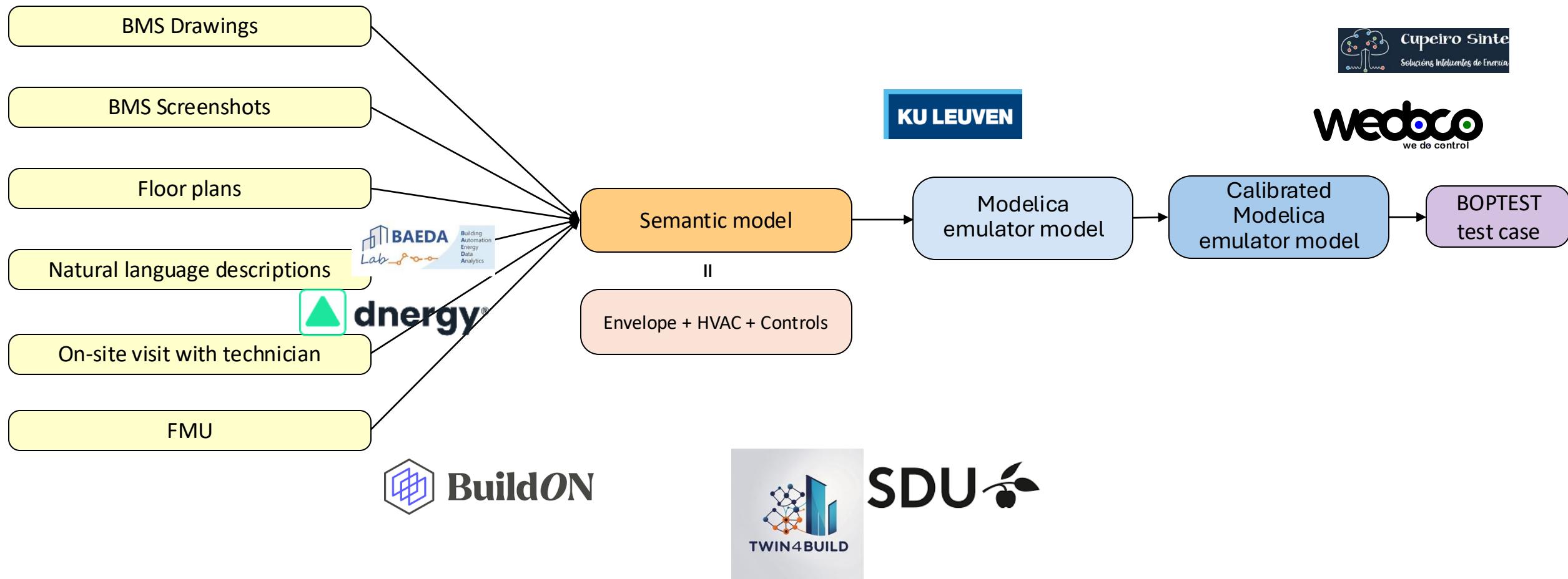
CS = Control Strategy; B = Building; D = District

IBPSA Project 2

wedoco
we do control

BOPTEST support (and beyond)

Semi-automated test case generation workflow



BOPTEST support

Key **developments** needed for BOPTEST

- DOPTEST-related features: Return KPIs per individual building, bill calculation, DHW discomfort ...
- Migration to OpenModelica FMU compilation
- Semantic modeling support
- Sensor uncertainty
- BOPTEST repo refactoring

Thank you!

Javier.arroyo@wedoco.io

