

Task 1: Outreach and Community Building

Mission BOPTTEST Funding

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Online meeting

March 13st, 2025



IBPSA Project 2







Outline

- Events, workshops, and presentations [10 min]
- Website and other media [5 min]
- Mission BOPTEST funding [40 min]
- Miscellaneous [5 min]

Mission BOPTEST funding

Events

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

- ✓ 2024/11/27 → 1st Project 2 research webinar at IBPSA Webinar Series.
- ✓ 2025/01/29 → 2nd Project 2 research webinar at IBPSA Webinar Series.
-  2025/03/26 → 3rd Project 2 research webinar at IBPSA Webinar Series.
-  2025/05/13 → Presentation at the Building Digital Twin International Congress.
-  2025/08/24 → BS2025 in-person meeting and workshop.
-  2025/08/24 → BS2025 papers on software and test cases.

Website and other media

Mission BOPTEST funding

Motivation

Commitment = Interest + Resources

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

Proposal → Seek research funding in Europe that supports our developments

Innovation and use cases

Advanced **control benchmarking** in existing building emulators

Advanced control benchmarking in **new building emulators**

Optimization engine using **BOPTEST-Gym**

Extension toward **DOPTEST**

Consortium

Potential partners:



With the support of:



Consortium

Organization	Country	Industry/Academy	Main interest
Cupeiro Sinte	Spain	Industry	Modeling and development
DTU	Denmark	Academy	Demand response
ÉTS*	Canada	Academy	Advanced control in B/DOPTTEST
KU Leuven	Belgium	Academy	DOPTTEST
Politecnico de Milano	Milan	Academy	Development of a new test case
R2M	Spain	Research org.	
SINTEF	Norway	Research org.	
Terion	Denmark	Industry	Production-grade MPC/RL
Wedoco	Spain	Industry	DOPTTEST & advanced controls

Consortium

Other potential partners:

Organization	Country	Industry/Academy
LBNL	USA	Research org.
Hong Kong University	China	Academy
Texas A&M University	USA	Academy
Aachen University	Germany	Academy
dnergy	Belgium	Industry
University of Seville	Spain	Academy
University of Turin	Italy	Academy
University of Granada	Spain	Academy

Calls

CET Partnership

[About](#)[Transition Initiatives \(TRIs\)](#)

The Clean Energy Transition Partnership

The CETPartnership is a multilateral and strategic partnership of national and regional research, development and innovation (RDI) programmes in European Member States and Associated Countries, aiming to boost and accelerate the energy transition and to support the implementation of the European Strategic Energy Technology Plan (SET Plan).

Spain	(Federal)	Centre for the Development of Technology and Innovation.	CDTI
	Asturias	Fundación para el Fomento en Asturias de la Investigación Científica Aplicada y la Tecnología - Agencia de Ciencia, Competitividad Empresarial e Innovación Asturiana	FICYT-SEKUENS
	Basque	Departamento de Desarrollo Económico, Sostenibilidad y Medio Ambiente. Eusko Jaurlaritz-Gobierno Vasco	EUSKADI
	Cantabria	Regional Development Agency of Cantabria	SODERCAN
Sweden		Swedish Energy Agency	SWEA
Tunisia		Ministry of Higher Education and Scientific Research	MHESR
Türkiye		The Scientific and Technological Research Council of Türkiye	TUBITAK
The United Kingdom	Scotland	Scottish Enterprise	SE
	The United States of America	Department of Energy	DOE



13/13/2025



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Horizon



What is Horizon Europe?

Horizon Europe is the EU's key funding programme for research and innovation. Following the Multiannual Financial Framework Midterm Review (MTR) decision, the indicative funding amount for Horizon Europe for the period 2021-2027 is EUR 93.5 billion.



Calls

	CET Partnership (formerly ERANET)	Horizon Europe (Cluster 5)
Scope	More regionally adapted funding calls, with country-specific requirements.	Broader, high-impact EU-wide projects.
Complexity	Generally lighter requirements, easier to manage.	Heavier administrative burden, stricter requirements.
Budget	Lower budgets, country-dependent funding.	Higher budgets, typically €5M-€10M+.
Consortium	Often focused on specific regional/national collaborations.	Requires EU-wide or international partners.
Technology Readiness Level (TRL)	Often focuses on pilot projects and applied R&D.	Supports both early-stage R&D and pilot projects.
Co-funding from National Agencies	Partially funded by national governments, requiring national matching funds.	Fully funded through the EU.

Calls

- **CET Joint Call 2025:** Shifted forward compared to previous years. Preproposal to be submitted between June-October 2025. Expected acceptance in ~December, and the deadline for submission of the full proposal in ~March.
- **HORIZON:** September 2025. After screening the calls, the best fit is on “Cluster 5: Climate, Energy, and Mobility”. :
 - HORIZON-CL5-2025-D4-02-SRP: Smarter buildings as part of the energy system for increased efficiency and flexibility.
 - HORIZON-CL5-2025-D4-03: Innovative pathways for low carbon and climate-resilient building stock (Built4People Partnership).

Title suggestion

BOPTEST+: Smart Building and District Energy Optimization for Next-Generation Control Systems

Thank you!

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