

# BIM-SPEED

Harmonized Building Information  
Speedway for Energy-Efficient Renovation



# Consortium



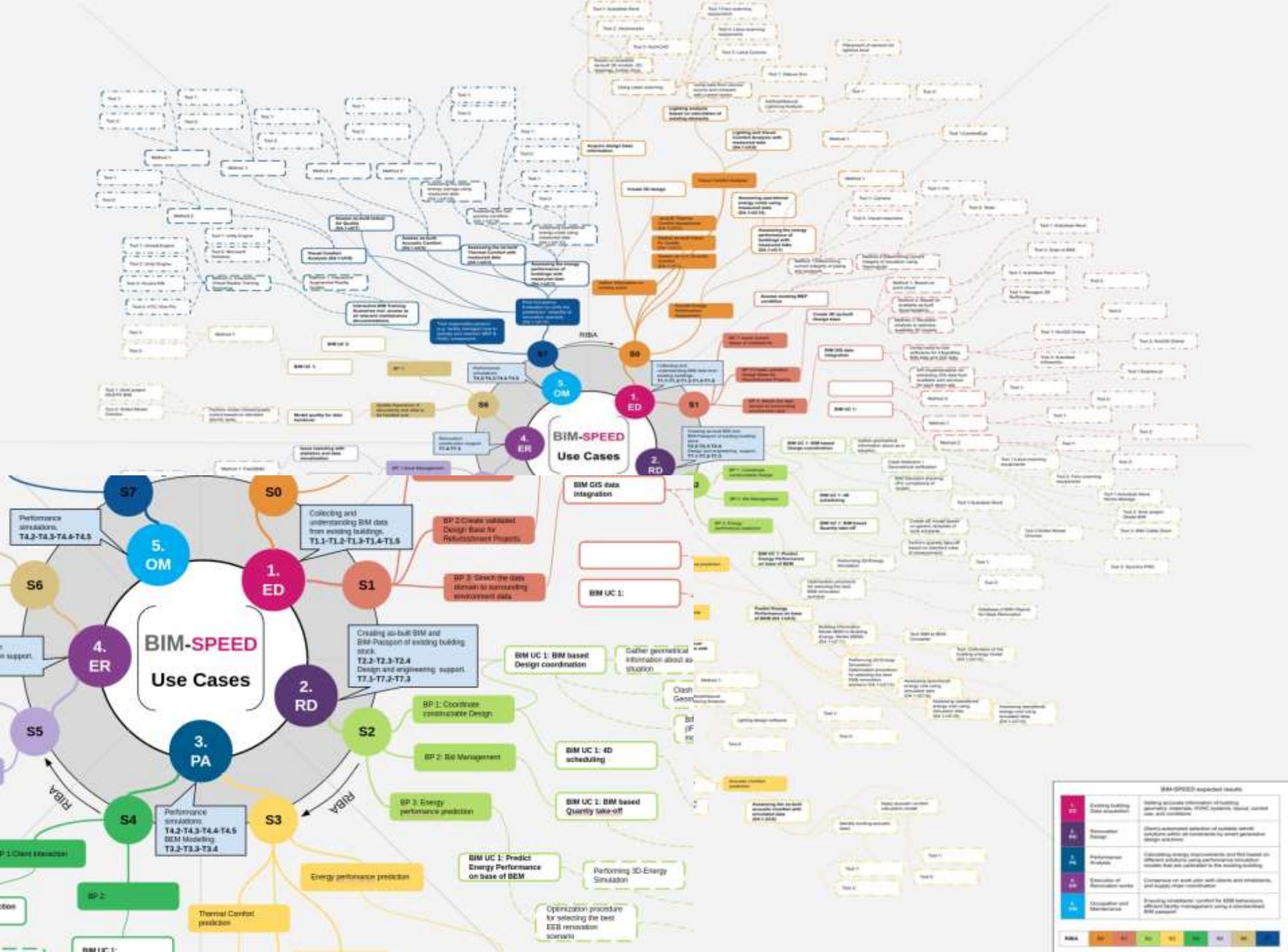
# BIM- SPEED OBJECTIVES

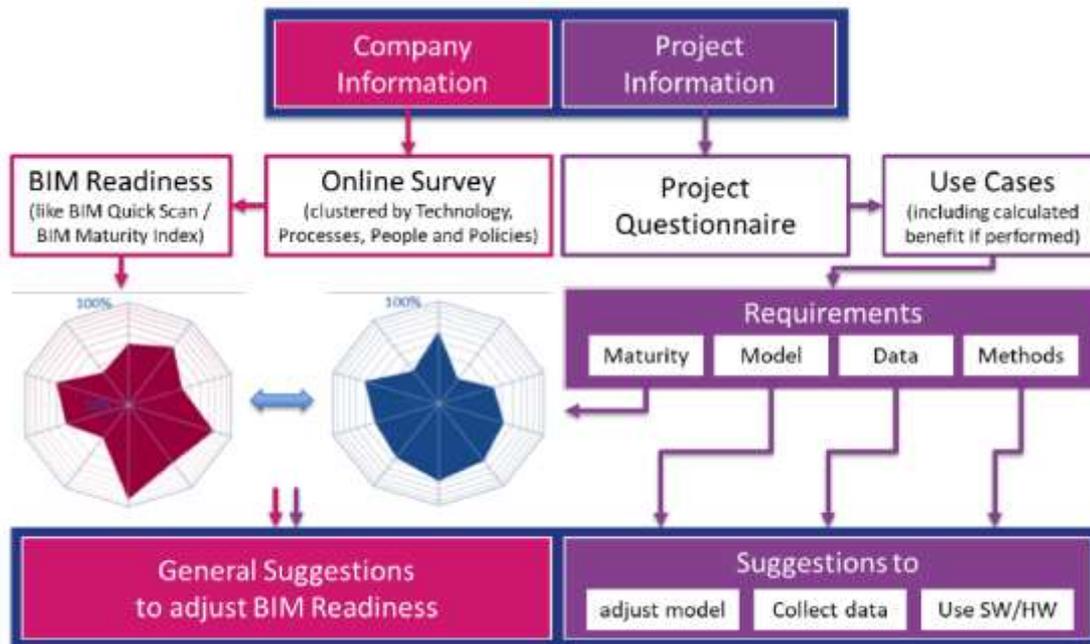
BIM- SPEED will provide all stakeholders in the housing renovation market with holistic solutions:

- 1. An affordable cloud-base BIM platform**
- 2. A set of inter-operable BIM tools**
- 3. Validation and standardised procedures for implementing renovation solutions with guaranteed energy performance and inhabitants' comfort**









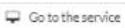


	ANTONY_FRANCE	79	
	BARLAD_ROMANIA	74	
	BERLIN_LICHTENRADE_GERMANY	7	
	BERLIN_TEMPELHOF_GERMANY	74	 
	BERLIN_TUBerlin_GERMANY	76	 
	FRIGENTO_ITALY	74	
	GDYNIA_POLAND	95	 
	JAZDY KONNEJ_WARSAW_POLAND	75	
	MALKO TARNOVO_BULGARIA	77	
	MASSY_FRANCE	79	

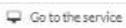
▶ BERLIN\_LICHTENRADE\_GERMANY > Variants

- Scan-Dateien
- IFC-Dateien
- Grundlagen Pläne
-  20190221-Neubau (Dachvariante 2-fach Keil) (kopieren).rvt
-  20190604-Ist 60(Revit 2019) (kopieren).rvt
-  20190212-Aufgestockt (gedämmt mit Balkon, gleiche Dach) (kopieren).rvt
-  20190219-Aufgestockt mit neuen Dach (Variante 1-fach Keil) (gedämmt) (kopieren).rvt

**KROQI service example**  
A "toy" service, used to illustrate the basics of implementing KROQI services.



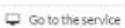
**Files naming convention tool**  
This service can be activated on folders in order to create and check naming conventions ...

Third-party services

**CSTB** le futur en construction  
Semantic model checker  
CSTB Sophia Antipolis

Semantic model checker



**BIM SPEED**  
Weather data service



ufgestockt mit neuen Dach (Variante 2-fach Keil) (gedämmt) (kopieren).rvt

<https://bimspeed.kroqi.fr/login/#/>





### Reno-Inst Ontology:

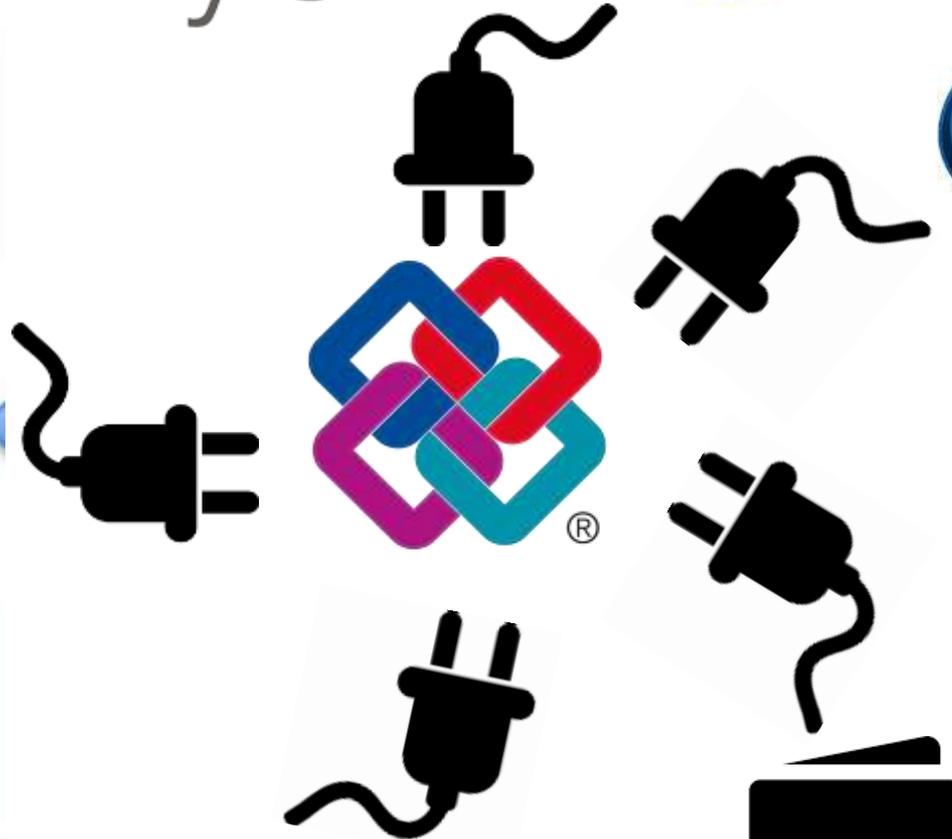
An ontology for installation of components in building renovation projects

### LCA-C Ontology:

An ontology for LCA/LCC assessments in renovation projects

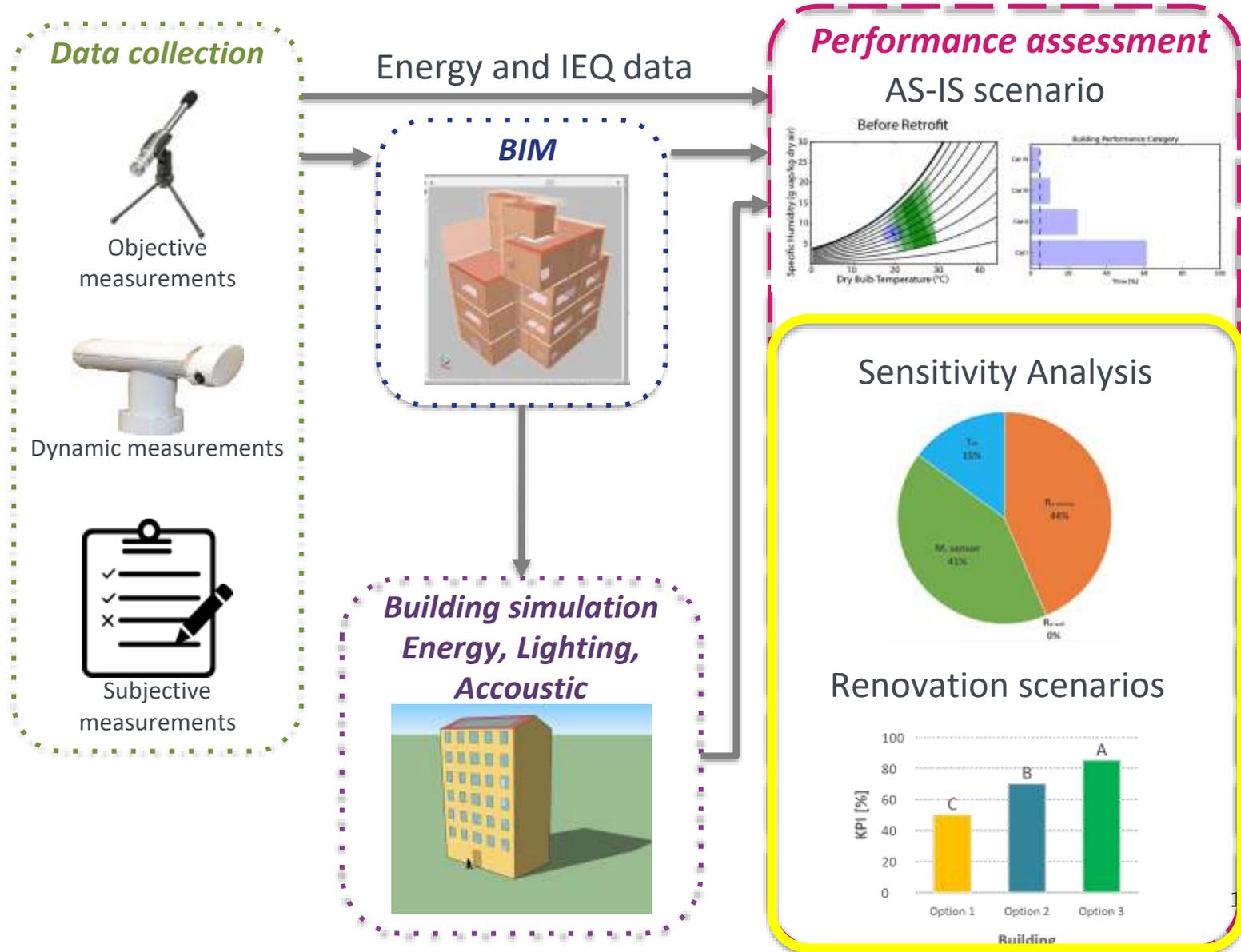
### BEM-Reno Ontology:

An ontology for BEM development in renovation projects





# Behavioral digital twin



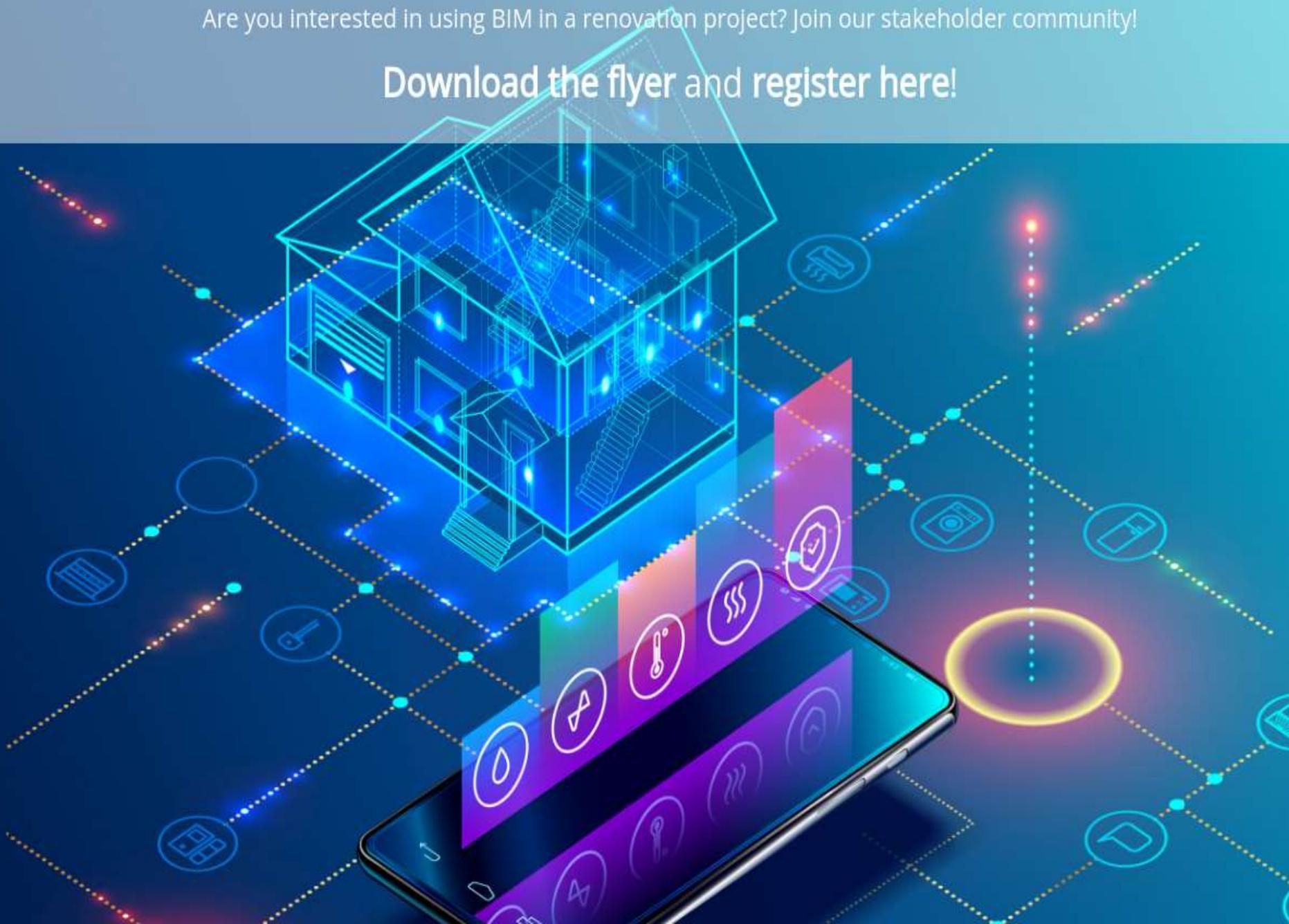
2021



BIM Speed competition

Are you interested in using BIM in a renovation project? Join our stakeholder community!

**Download the flyer and register here!**



28.10.2020

Project Pitch at Sustainable Places

TUB

<https://www.bim-speed.eu/>



# COLOPHON



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