



# IBPSA Project 1

BIM/GIS and Modelica Framework  
for  
building and community energy system  
design and operation

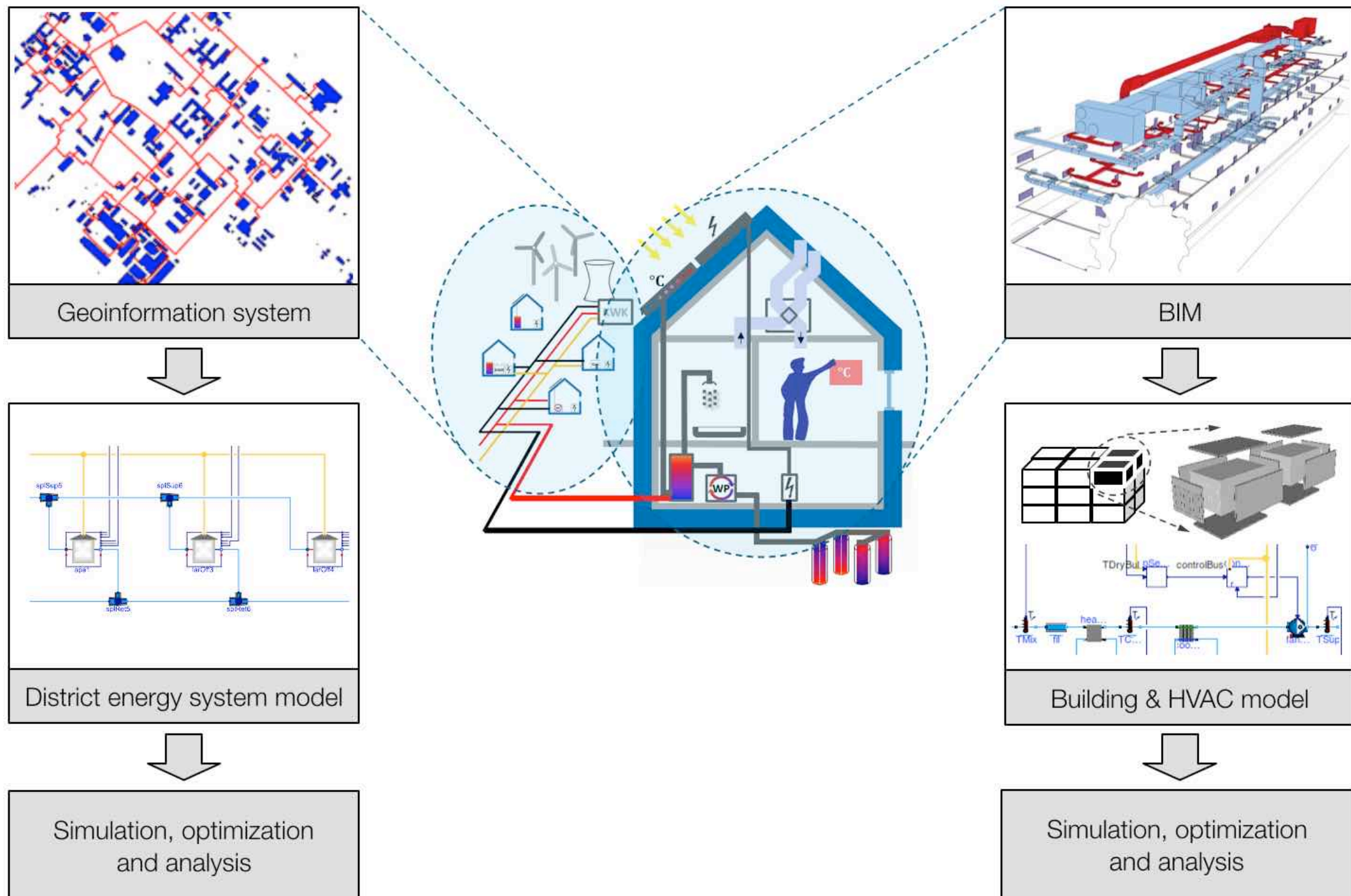
Michael Wetter, LBNL, Berkeley, CA

Christoph van Treeck, RWTH Aachen

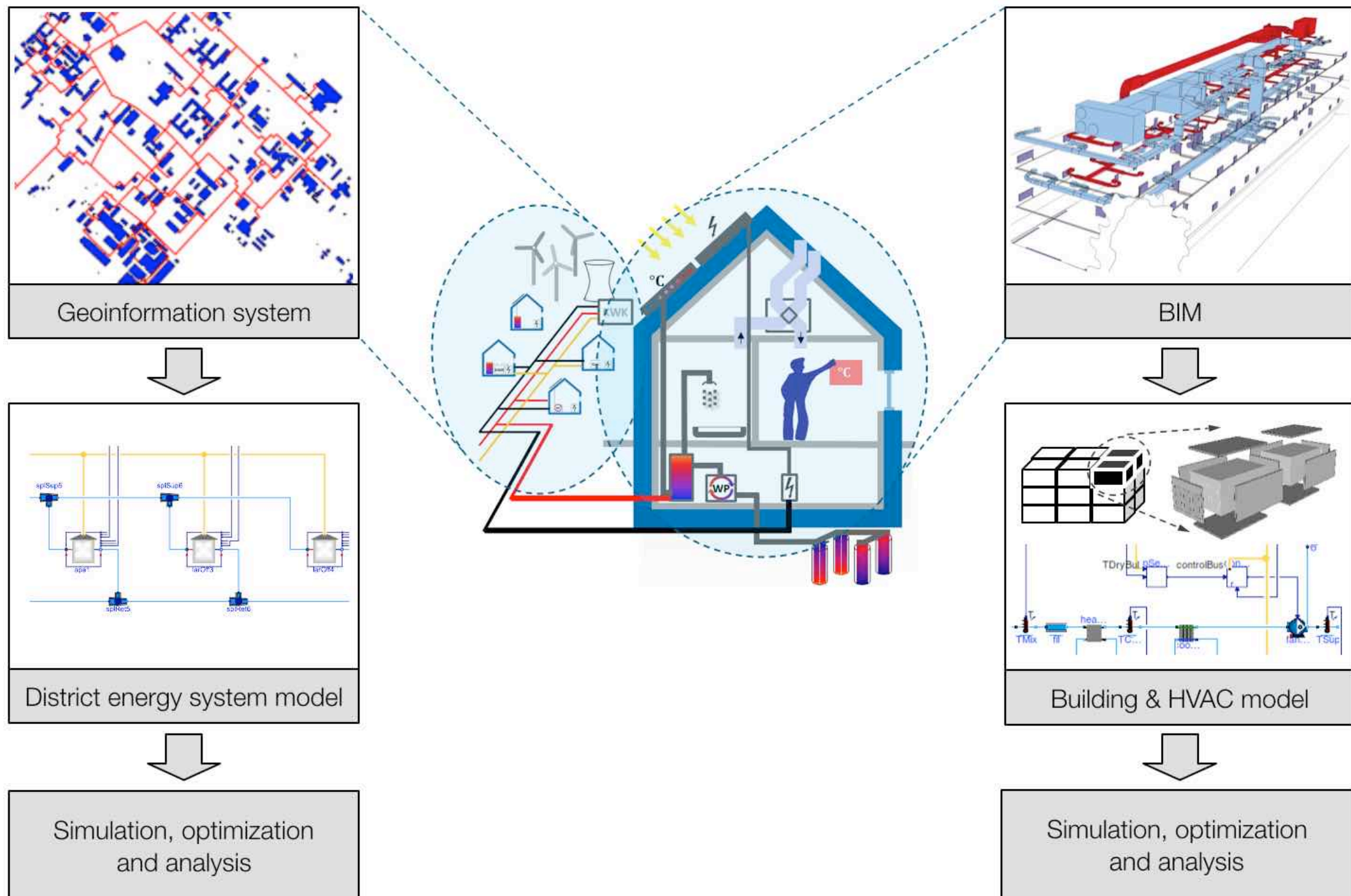
Jerome Frisch, RWTH Aachen

May 7, 2021

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# Levels of participation

## **Sponsoring participant**

- Cash \$5k per year. Thanks to
  - ENGIE Lab



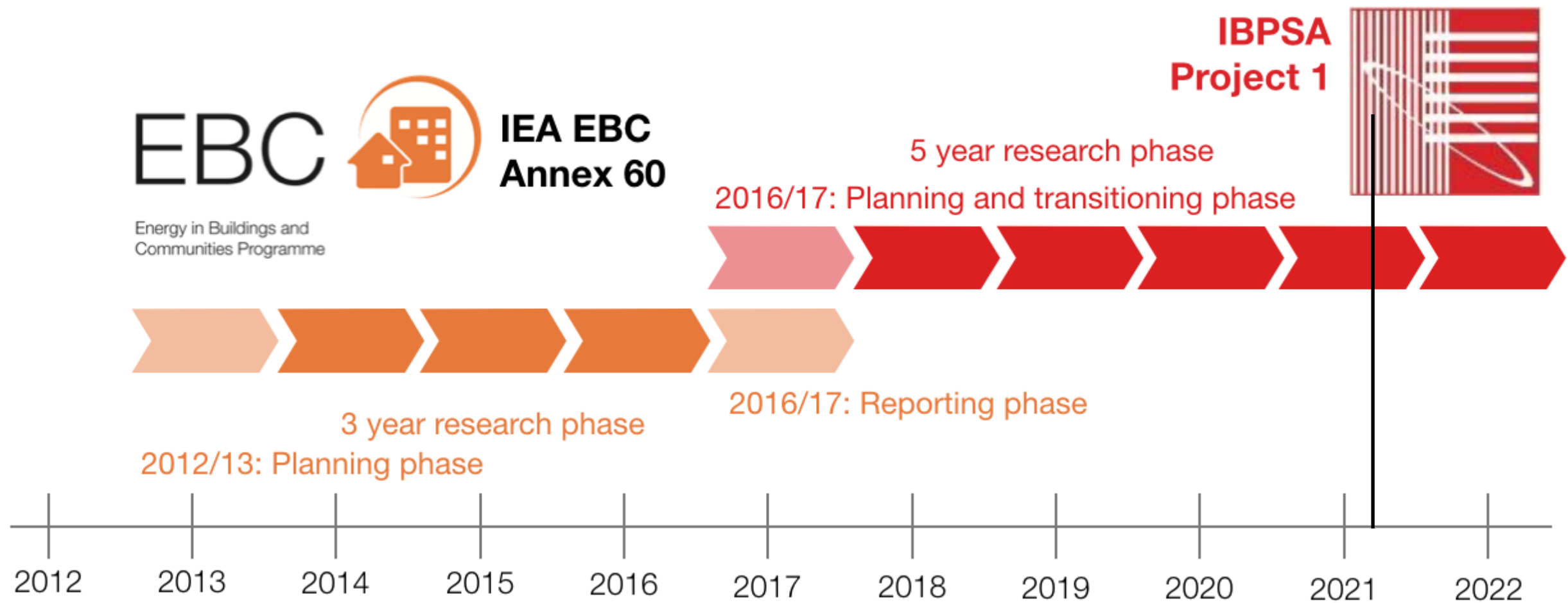
## **Organizational participants**

- minimum 0.5 full time employee per year, over the 5 year project
- contribute to 5 to 10 web-based coordination meetings annually
- attend semi-annual expert meeting, generally lasting 2 days

## **Individual participants**

- no predetermined level of commitment, but needs to provide substantial contributions

# Timeline





# Agenda

## Day 1

7:00 Brief overview and logistics (Michael Wetter, Christoph van Treeck, Avichal Malhotra)

Zoom setup, breakout rooms, participant names.

7:20 *Presentations from activities, recent work and overview of this meetings breakout groups* (each 10 min plus 5 questions, 5 min buffer)

8:55 Project 1 publications

9:00 Break

9:10 Breakout groups 1

10:00 Short break and switch to next breakout groups

10:05 Breakout groups 2

11:00 Breakout groups adjourn

## Day 2

7:00 Organization of the day (Michael Wetter and Christoph van Treeck)

7:10 Panel discussion about needs for increased adoption of Modelica by buildings community, in particular design firms

9:00 Short break and switch to next breakout groups

9:05 Breakout groups 3

9:50 Break and switch to main meeting

10:00 Brief report from breakout groups, and next steps (5 min each, 40 min total includes 10 min buffer)

10:35 Planning of next expert meeting, discussion of possible continuation after summer 2022

10:55 Next steps

11:00 Adjourn