



IBPSA Project 1

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

TASK 3: Application and Dissemination
ST 3.1 District Energy DESTEST

Dirk Saelens (task leader)

Online expert meeting – summary – 2021.05.12

New participants

→ Welcome!

- Chengnan Shi (University of Colorado Boulder)
- Hauke Hirsch (TU Dresden)
- Jelger Jansen (KU Leuven)
- Saranya Anbarasu (University of Colorado Boulder)

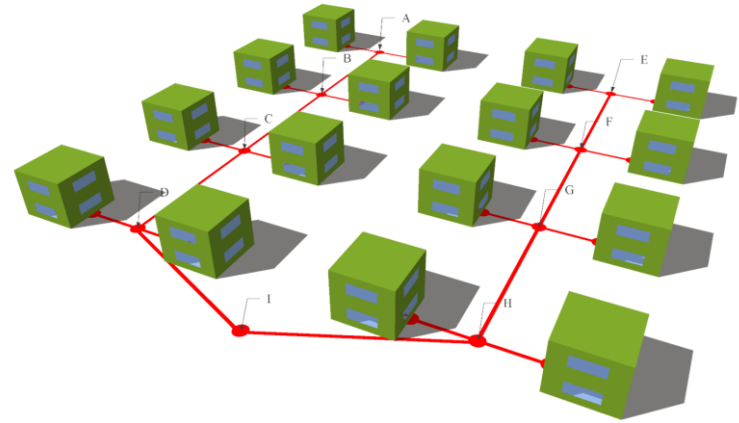
▪ Never too late to join!

- Make sure you are subscribed to our [WP3 Google Group](#)
 - ◆ That way, you do not miss anything
 - ◆ Meeting invites and minutes are sent here
- All information is collected in a [Google presentation](#)
 - ◆ More details:
 - on the Project 1 [GitHub page](#) + in the e-mails sent in the [Google Group](#)
 - Repository under development

Buildings

→ Further development of models

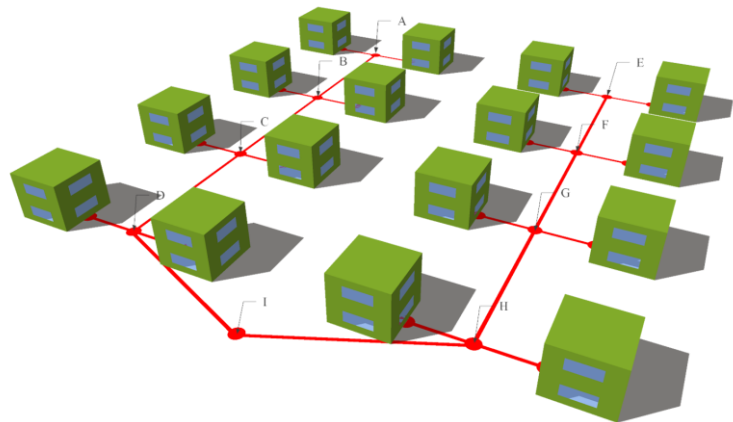
- Residential (for new contributors)
- Office building (will be the focus)
- Adding diversity
 - Different levels of energy quality
 - Different users
 - Combination of buildings
 - Add cooling (different climates)



Buildings

→ Reporting

- Residential (finalize descriptions)
- Office building (update description)
- Add descriptions to repository
- Use and further develop the Python tool
- Journal paper proposed for Python tool

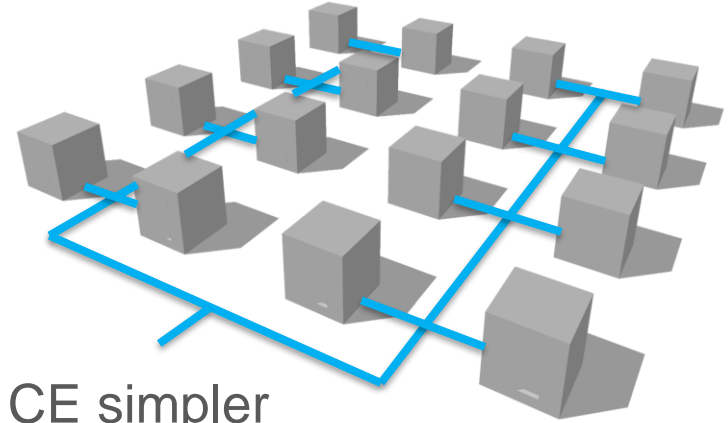


Networks

→ Further developments

- Newcomers: check and run CE1
- Focus: refine the scope + even make CE simpler
- Add a clear scope to the next CE
F.i. Add cooling

→ How to connect to the buildings and also add control? What are the consequences?



Networks

→ Reporting

- Refine the description of CE1
- Add description of next CEs

