

Energy ADE Working Group – IBPSA Project1 Co-ordination

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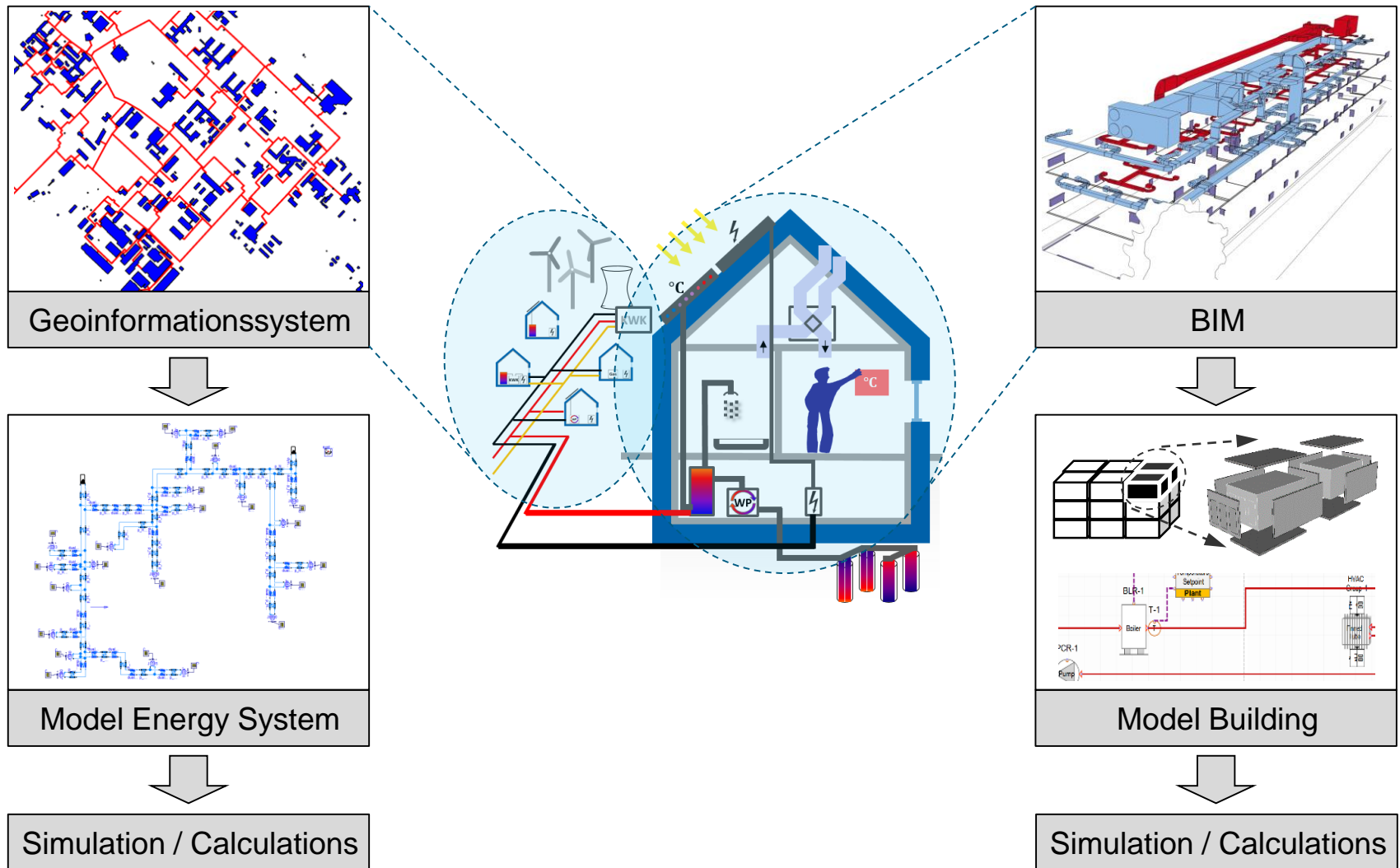
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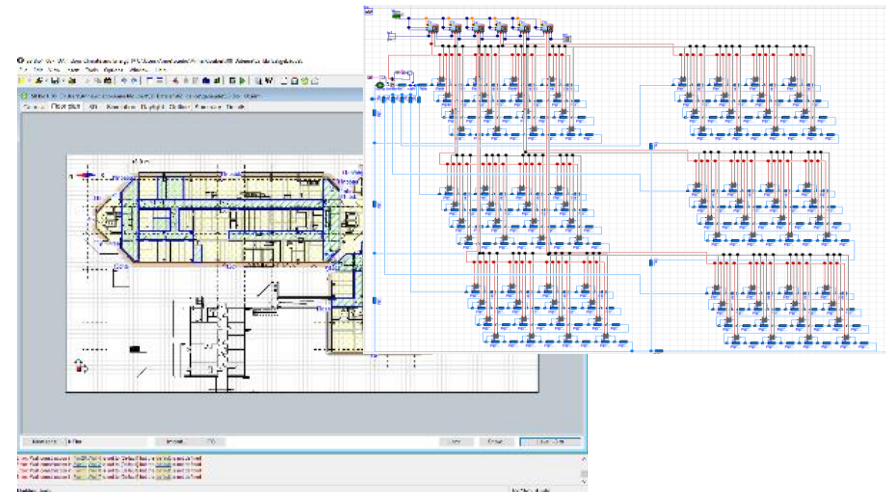
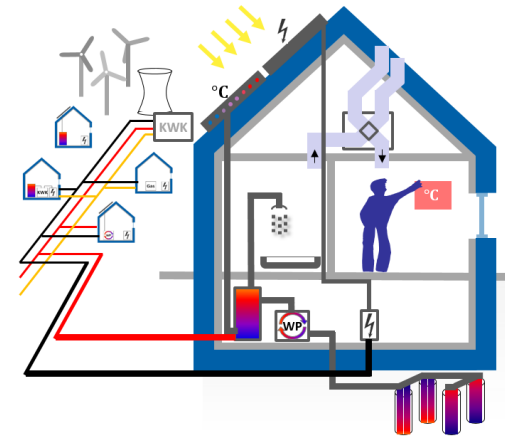
Merging of GIS und BIM



IBSPA Project 1 | Goal

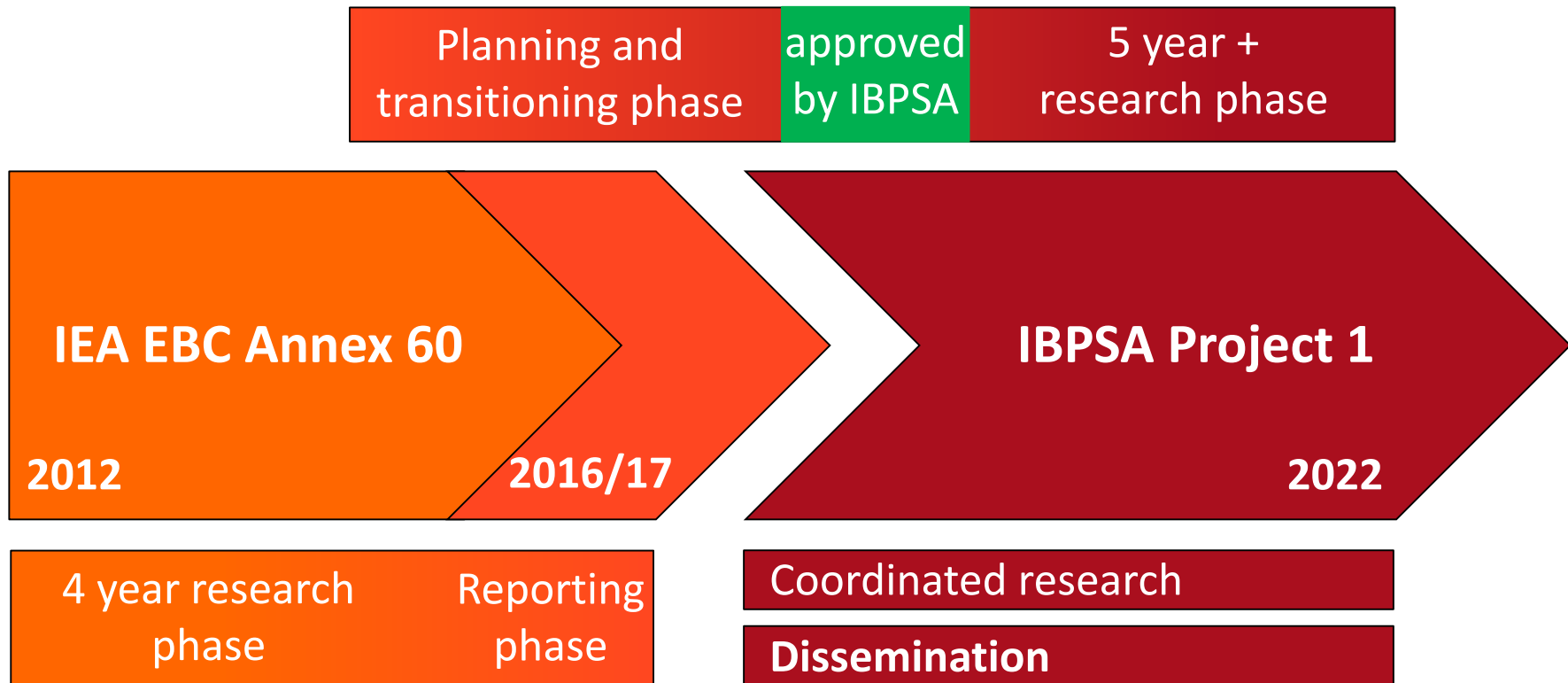
“BIM/GIS and Modelica Framework for building and community energy system design and operation”

- Further development of open-source software in the area of building and city district simulations created in the IEA EBC Annex 60.
- All developments based on three open standards:
 - IFC for modelling at the building level;
 - CityGML for modelling at urban quarter level und
 - Modelica for the modelling and simulation of buildings, building-technical installations as well as urban neighbourhood simulations.
- Implementation based on Use-cases



Transition from IEA EBC Annex 60 to IBPSA Project 1

Continuation of the successful work of the IEA EBC Annex 60 under the guidance of the International Building Performance Simulation Association (IBPSA)



IBSPA Project 1 | Participants



AALBORG UNIVERSITY
DENMARK



NUI Galway
OÉ Gaillimh



Fraunhofer
ISE



Lucerne University of
Applied Sciences and Arts

HOCHSCHULE
LUZERN

UNIVERSITY
OF MIAMI

THE UNIVERSITY OF
ALABAMA



University College Dublin
Ireland's Global University



Technical
University
of Crete



University
of Victoria



POLYTECHNIQUE
MONTRÉAL
LE GÉNIE
EN PREMIÈRE CLASSE



SINTEF



Empa

Materials Science and Technology



EDF



RWTH AACHEN
UNIVERSITY



Center for Energy Informatics



UdK Berlin

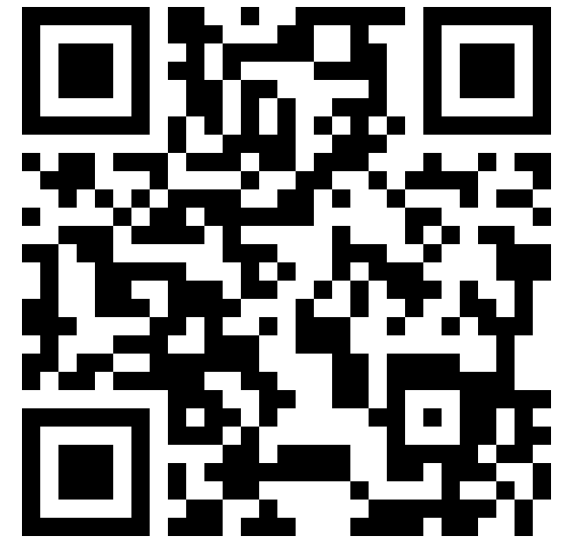
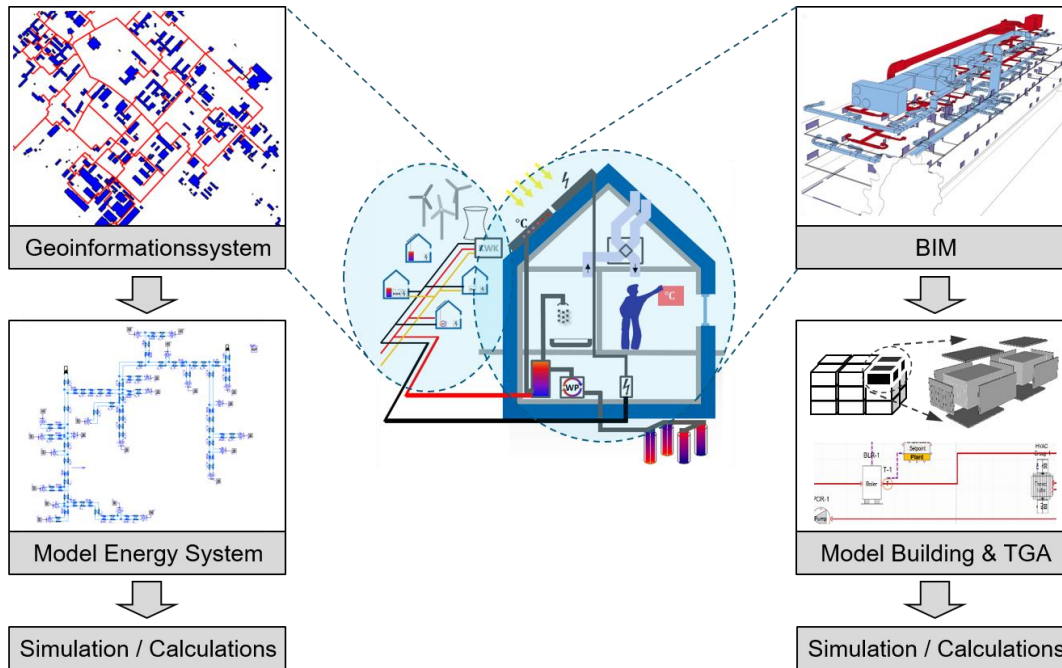


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IBSPA Project 1 | More Information



<https://ibpsa.github.io/project1/>