	Institute	Main author/contact	Title of case study	Scale
1	KU Leuven	Ina De Jaeger	Quantifying Uncertainty Propagation For The District Energy Demand	District
2	KU Leuven	Annelies Vandermeulen	…	District
3	SDU	Konstantin Filonenko	MPC-oriented model of a small district with geothermal heat pumps	District
4	SDU	Konstantin Filonenko	Modeling of DH grid for Smart Energy Pool in Vejle Nord LiveLab	District
5	SDU	Konstantin Filonenko	Comparison of Campus DH grid Modelling in Termis and Modelica	District
6	SDU	Tao Yang	Single-zone model building with heating and CO2-driven ventilation system	Building
7	SINTEF	Igor Sartori	Campus Evenstad: flexible energy demand and local generation	District
8	RWTH Aachen	Michael Mans	Erdeis II / DHC provided via a LTN for residential buildings and a geothermal ice storage	District
9	UdK Berlin	Christoph Nytsch-Geusen	Development of a digital twin for an experimental research building	Building
10	ETH / EMPA	Felix Bünning	…	District
11	CU Boulder	Yunyang Ye	Modeling Air-to-Air and Finned-Tube Heat Exchangers	Component
12	CU Boulder	Kathryn Hinkelman	Multi-Infrastructure Modeling of Smart and Connected Communities	District
13	CU Boulder	Jing Wang	Comprehensive Pliant Permissive Priority Optimization	District
14	CU Boulder	Xu Han	Data centers	District
15	NREL	Nicholas Long	Topology Optimization	District
16	NREL/CU Boulder	Nicholas Long?	5th generation DHC system	District
17	Aalborg University	Hicham Johra	DH system InterHUB	District
18	Ghent University	Elisa Van Kenhove	…few case studies at building level	Building
19	Aalborg University	Alessandro Maccarini	Feasibility study of a 5th generation DHC system in Køge Nord (Denmark)	District