

# Example for Modeling with FSM<sub>ER</sub>

This is a simple example for FSM<sub>ER</sub>. The modeled lecture room is on the one hand part of a building. On the other hand, it consists of different subsystems/elements (e.g. notebook, lighting or room heating) which are connected in several material and energy flows. Therefore, electrical energy, heat and water are provided by the central supply and disposal system; waste heat is emitted to the natural environment.

