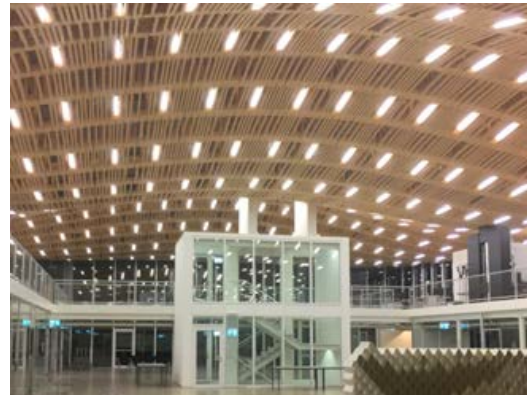


On Minimum Data for lowest energy buildings



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Picture: Andrea Diglas

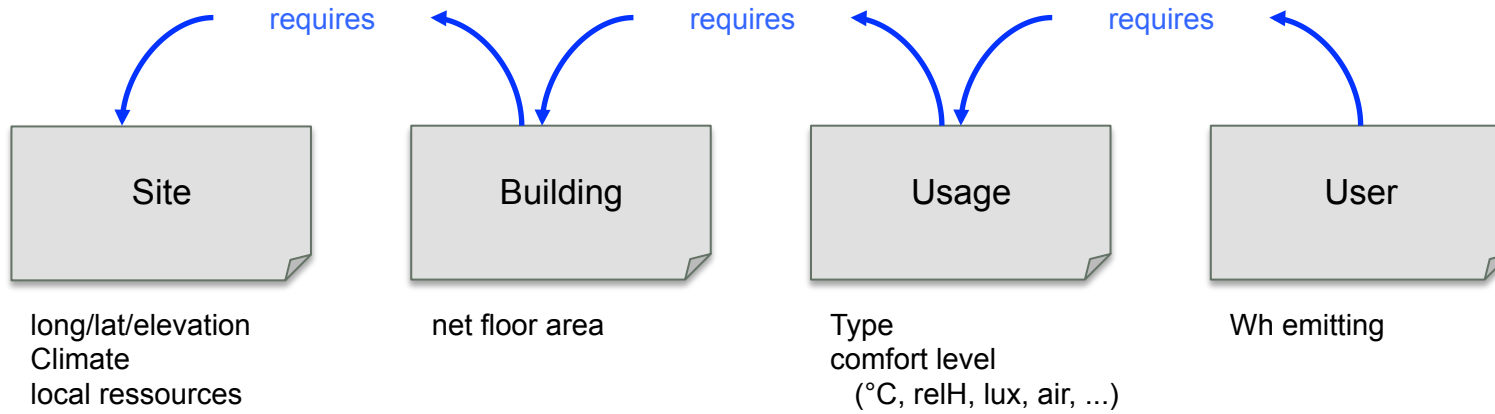
On Minimum Data for lowest energy buildings



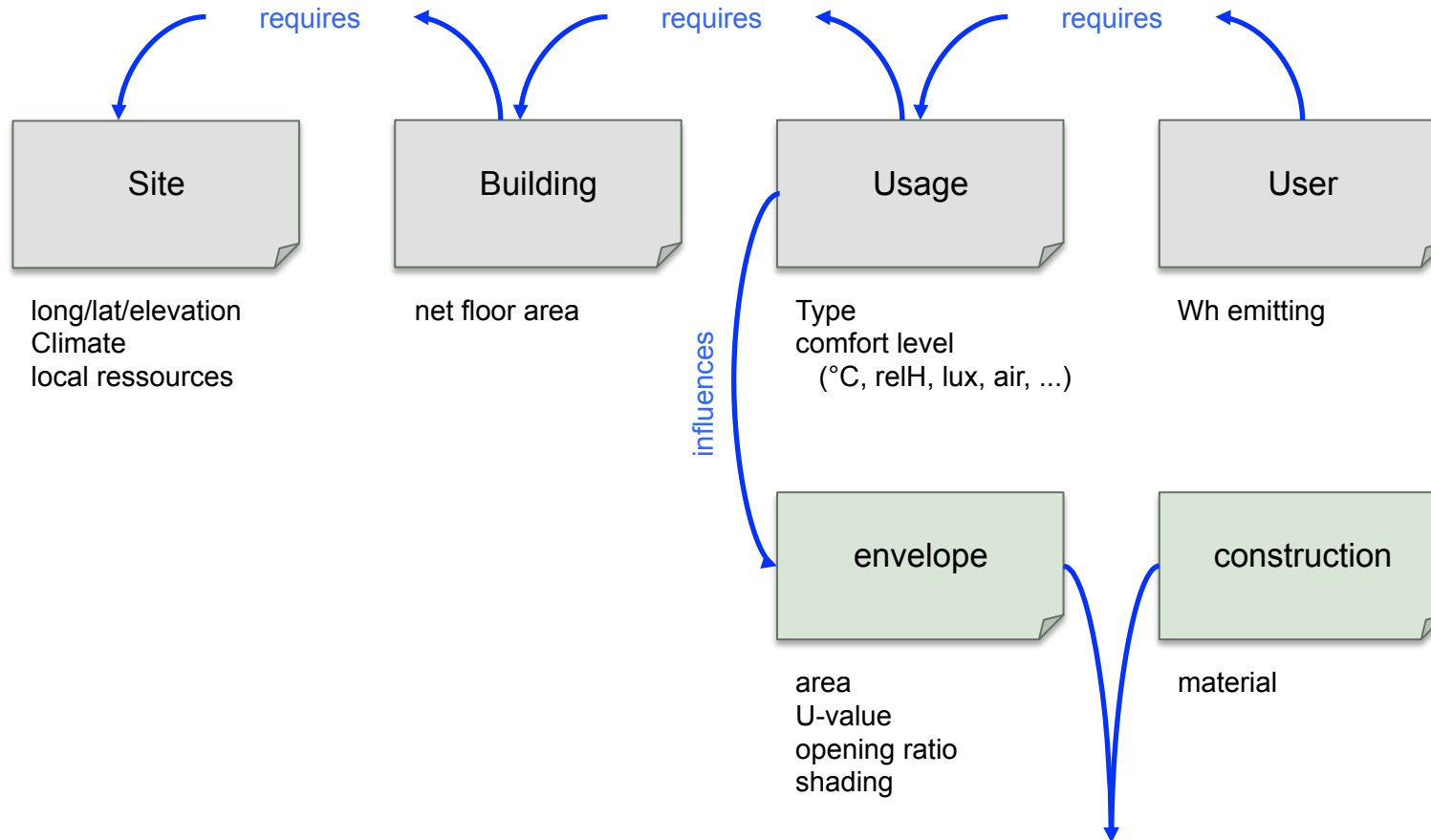
Principles for designing lowest energy buildings:

- ▶ A building can be considered a system, made of subsystems
- ▶ A building's energy demand is mainly influenced by facts difficult to change
 - ▶ 1. location and
 - ▶ 2. activities
- ▶ Engineers and architects therefore can **mainly influence** the
 - ▶ A) **first the specs for ,passive technology‘** (such as insulated walls, shades,...) and
 - ▶ B) **thereafter the specs ‘active technology’** (such as HVAC, boiler, etc.)

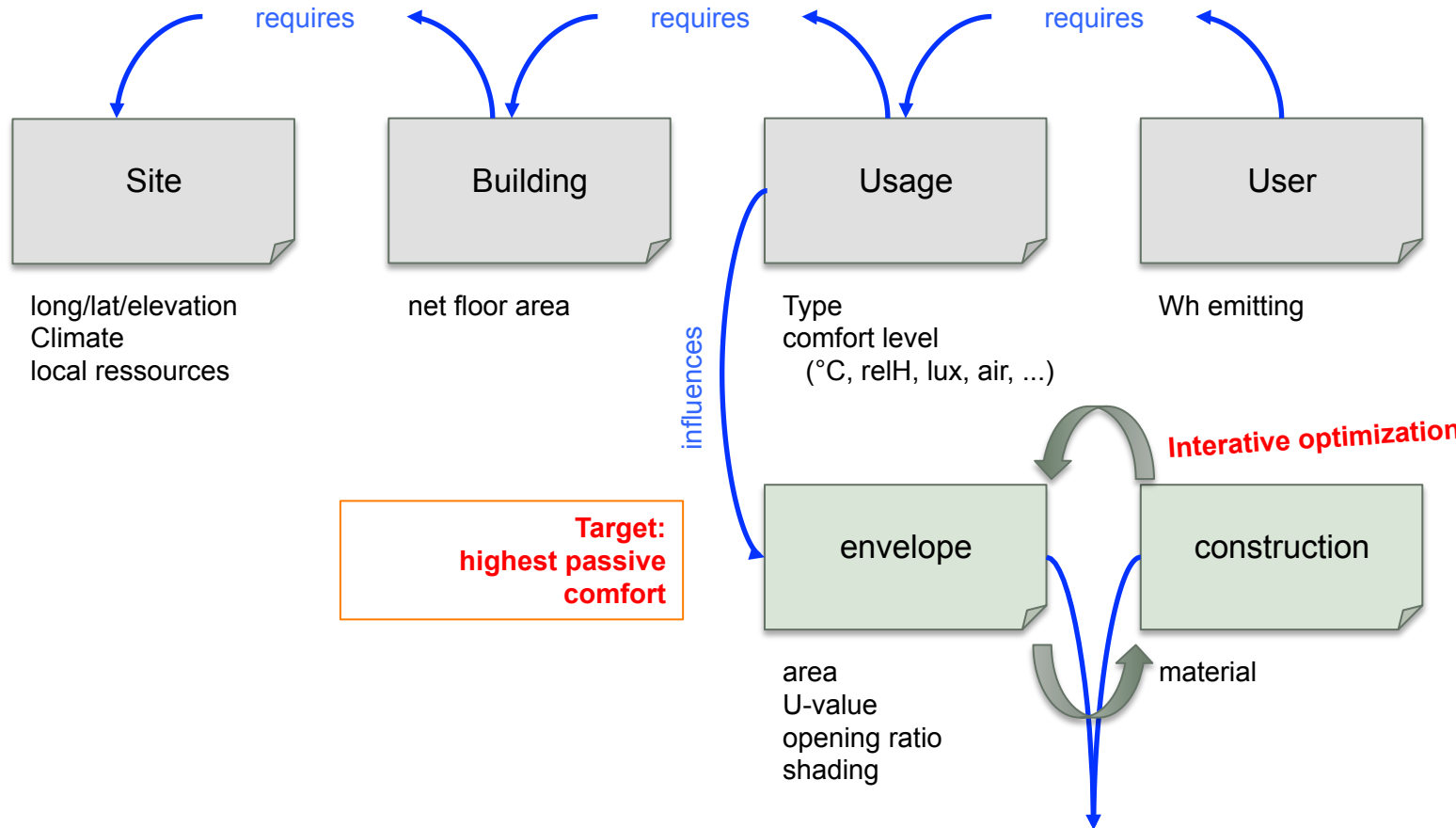
Topology



Topology

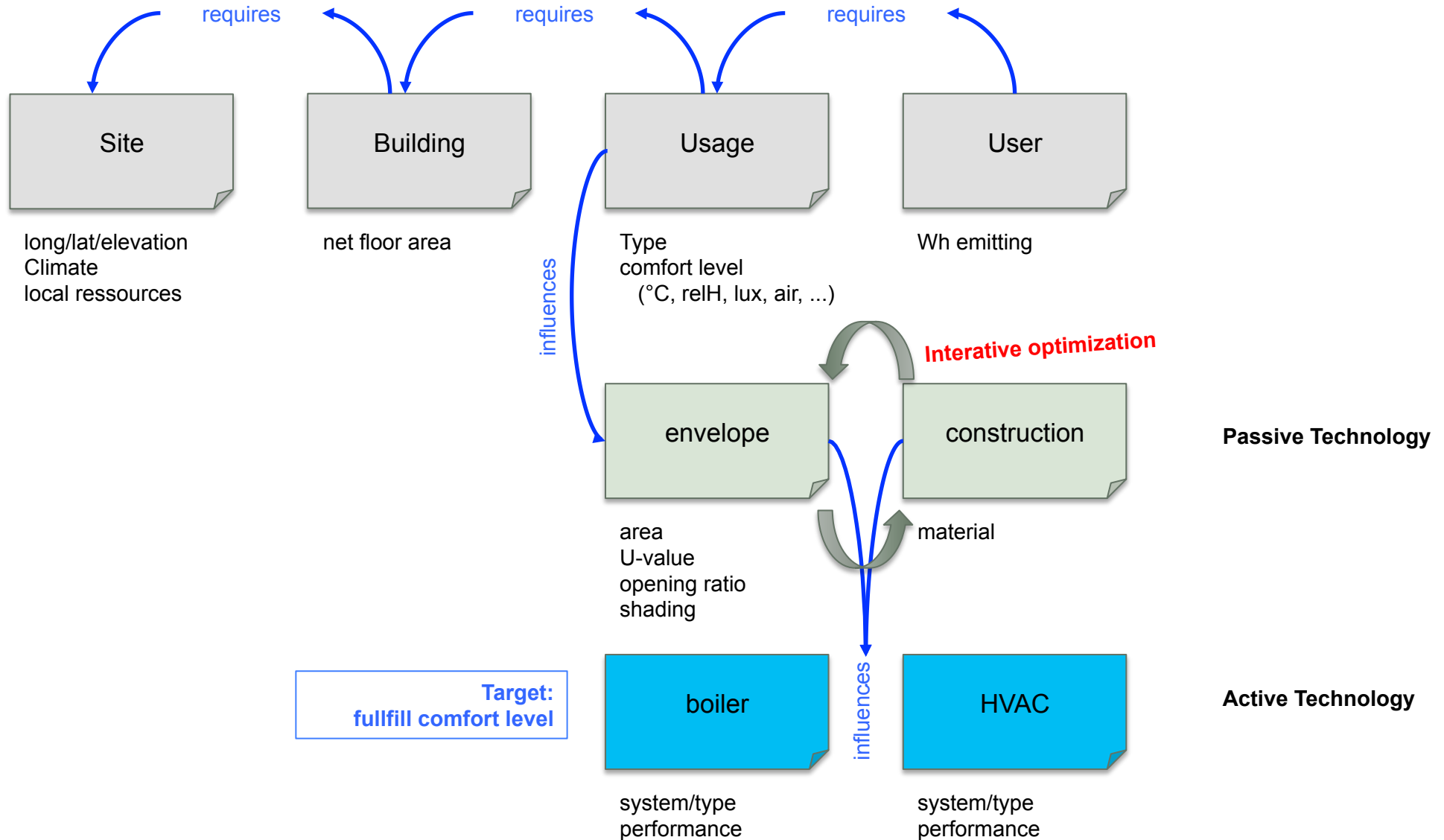


Topology



Passive Technology

Topology



Topology

