

WORLD

RESOURCES

- sloping roof faces south for solar panels
- compact and optimized floor plan
- small windows facing north, big windows facing south
- lamellae and canopy protect against overheating
- optimized insulation, EPC = 1,4
- black integrated solar panels
- low temperature floor heating

CIRCULARITY

- compact building needs as little material as possible
- adaptable and flexible floor plans
- complete wooden interior and exterior finishing
- structure is mostly made out of wood
- wooden skin is easy demountable and re-usable
- prefabrication of whole wooden structure
- above ground level only dry connections

NATURE

- environmental quickscan of site location
- lots of green around the holiday home
- possibilities for vegetable garden
- rainwater drainage not linked to sewer, soil infiltration
- possibilities for composting on site

WE

WELL-BEING

- optimal daylighting through large windows
- unobstructed views from living room around the plot
- canopy and lamellae for shading in on terrace
- look throughs between spaces to connect with each other
- accessibility through ramp, all rooms on same story
- wooden interior finishing and greenery around building
- designated space for waste collection

HEALTH

- CO2 controlled mechanical ventilation
- wooden finishing materials
- pedestrian-oriented outdoor spaces
- attractive circulation route through holiday home
- easy constructible building to limit noise and pollution
- optimal thermal comfort controlled by user

SOCIAL

- big terraces to meet with family and friends
- attractive living room to sit with guests
- extra sleeping space for guests

+ VALUE

CONTEXT

- low and compact holiday home fits the context
- special shaping of exterior stands out
- shape merges with natural environment
- keeping existing greenery
- wooden cladding fits natural atmosphere
- program activates the garden
- entrance is easy findable

ECONOMIC

- optimized area use of the holiday home
- easy demountable in the future
- flexible space plan for changing needs
- robust and high quality materials
- complete 3D modeled to reduce construction faults
- prefabrication of whole wooden structure

