



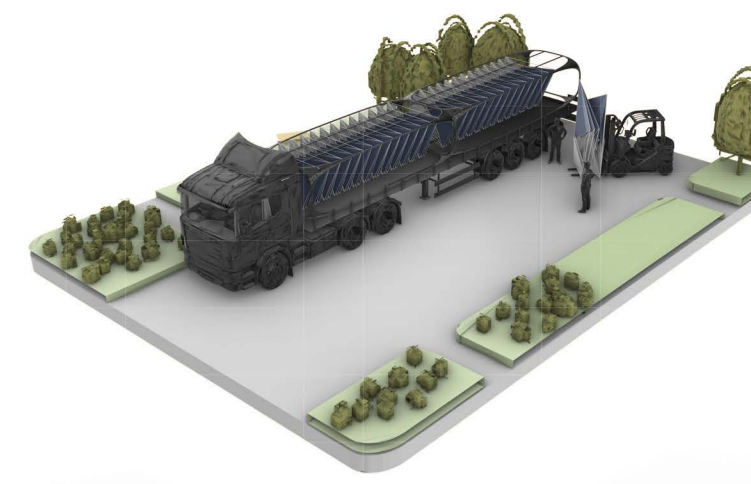
OLD AND USUAL  
VERSION OF  
PRIVATE GARDENS  
HUT AND HOUSES  
DESIGN ELEMENTS:

- IN PLACE CONSTRUCTION
- NEED OF MATERIALS
- FIXED IN PLACE

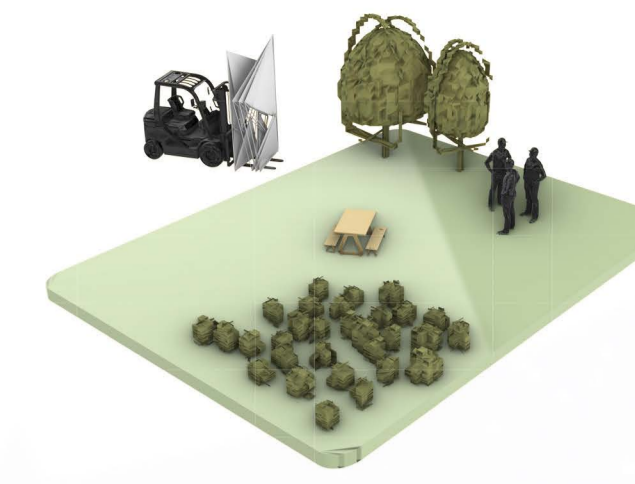


NEW DESIGN OF  
PRIVATE GARDEN  
HUT AND HOUSES  
DESIGN ELEMENTS:

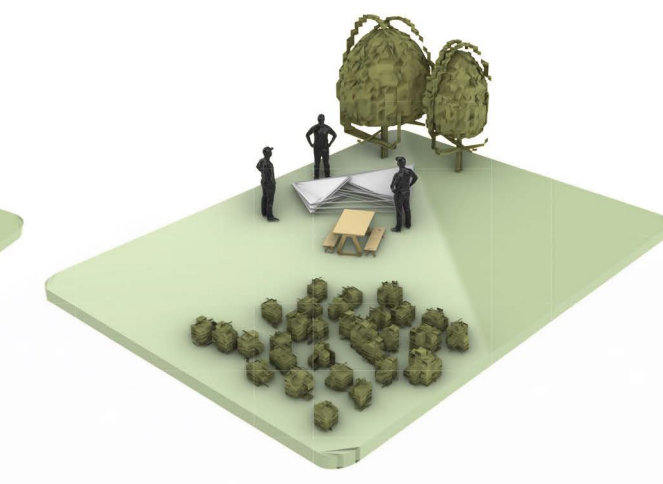
- PRE-CONSTRUCTED
- MODULAR
- TRANSPORTABLE
- EASY TO ASSEMBLE
- EXTENDABLE



**1st** Transportation of modular houses  
It Can be transported by trucks inside the site



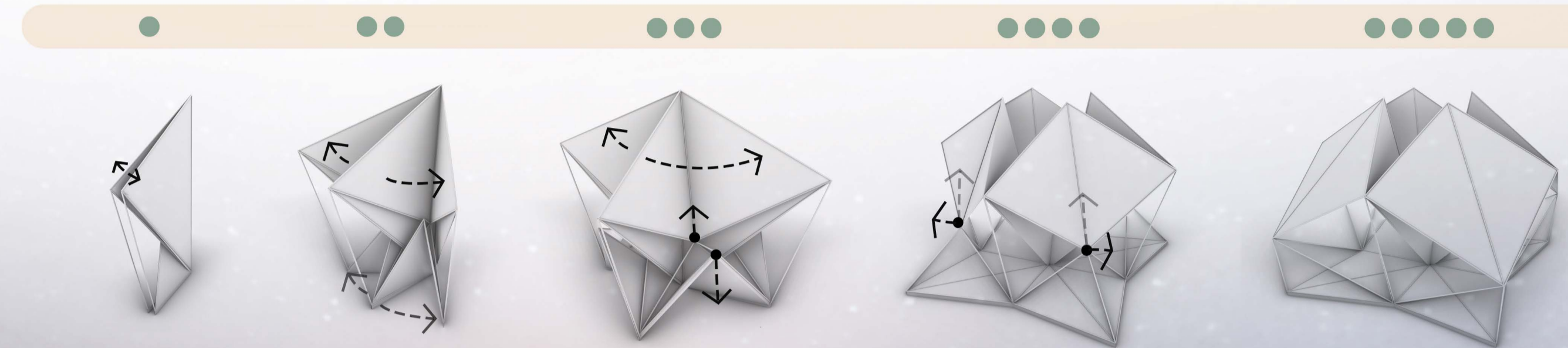
**2nd** placing the modular houses  
It can be placed in every flat site



**3rd** Participation in its establishment  
It can be assembled easily by families



**4th** Efficiency of modular houses  
Start of using modular houses



All the modular houses come to the site in a pre-built form, and by going through a few steps, they easily become their final form, after which they have the ability to add variable and fixed furniture. With the different orientations of the roofs of these houses, it will be possible to use the sun's energy at all hours of the day and during different grace periods.



# PRIVATE GARDENS SCHERBERGARTENSCHAU

In addition to the central energy production system in the central zone of the site, Each house has about 30 square meters of photovoltaic panels on its roof, and the number of modular houses is at least 95 according to the land grid. Therefore, there are about 2850 square meters of photovoltaic panels on the roof of modular houses. On average, about 3.5 kilowatt hours of energy will be produced per square meter in the city of Mannheim.

