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Sheltify

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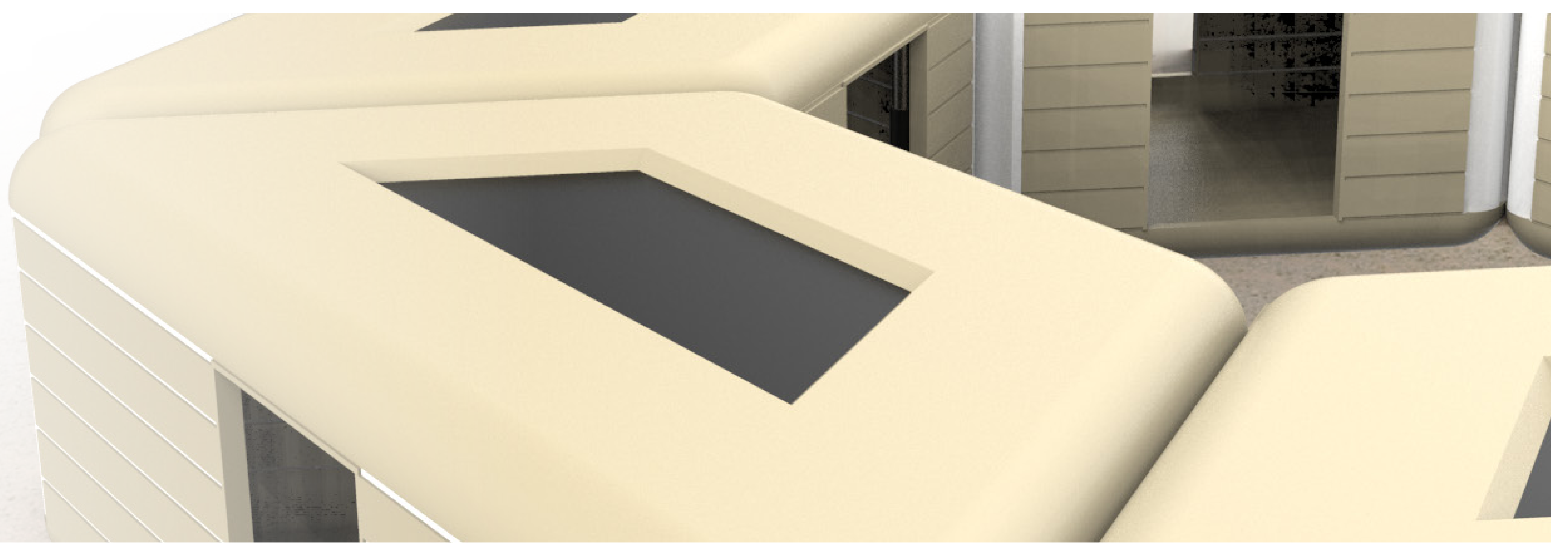
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SHELTIFY

Modular, Collapsible, Community Building, and Mental Health Enhancing Refugee Shelter



ZAATARI, JORDON

- Hot desert climate
- 80,000 refugees
- Established economy
- Water food and electricity provided



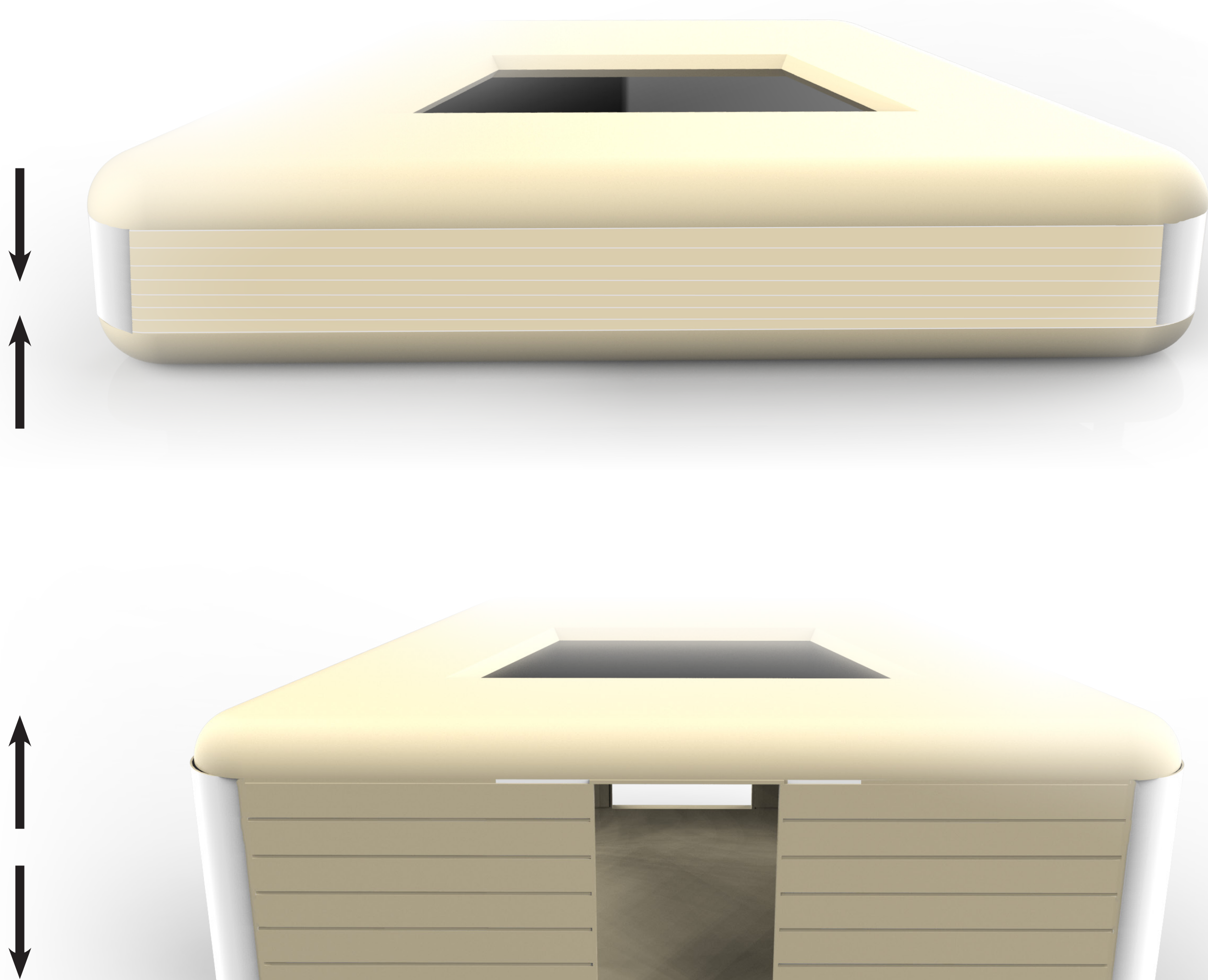
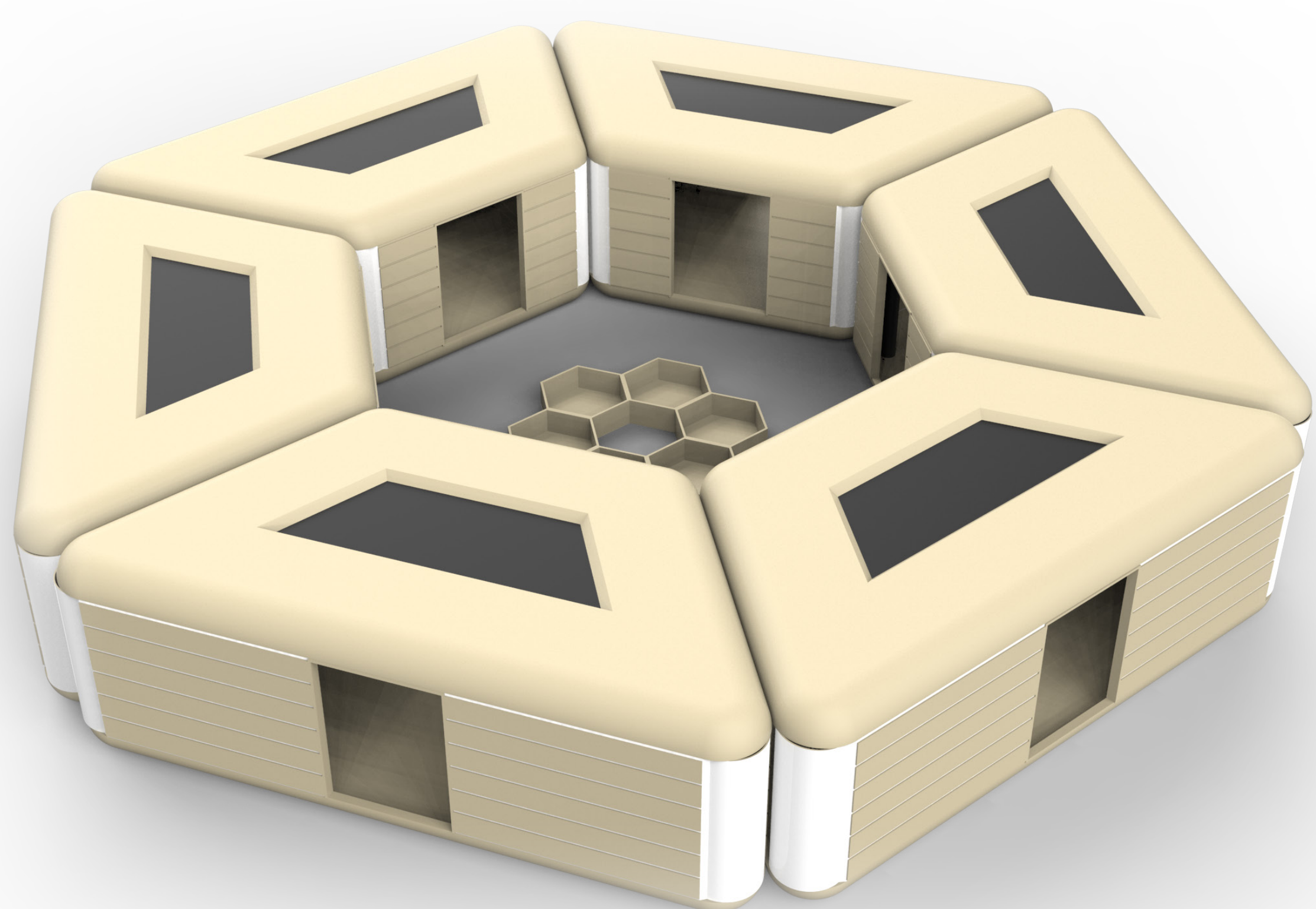
SHELTER FOR THE VULNERABLE

- Mostly women and children traumatized and from war
- Many injured and handicapped from bombings
- High rates of PTSD, and depression
- Strong reliance on others
- Constant fear of assault



Features Include:

- Longterm durability (materials and arrangement)
- Collapsible for shipping
- Inexpensive and sustainable
- Each grouping of units has secluded inner communal area
- Enables psychological escape from surrounding chaos
- Fosters new relationships, feeling of community, and self reliance through tending of a communal garden
- Enables more self sufficiency
- Gives children a safe space to play, reducing stress on parents



Vacuum formed ABS outer shell for its durable, lightweight, impact resistant qualities

Tinted plexi-glass window enables efficient lighting during day. Additional opaque cover can be added in hot weather to reduce heat and removed in colder weather to trap heat

Polyvinyl chloride membrane is lightweight, flexible, resistant to bacteria growth, and water proof

Spring assisted structural supports enable easier opening and closing of units

Recycled plastic extrusions for their durable yet flexible properties, low cost, ease of production, and positive environmental impact.

Mycelium lining on both floor and ceiling due to its lightweight, heat resistant, sound dampening, and water and mold resistant qualities