

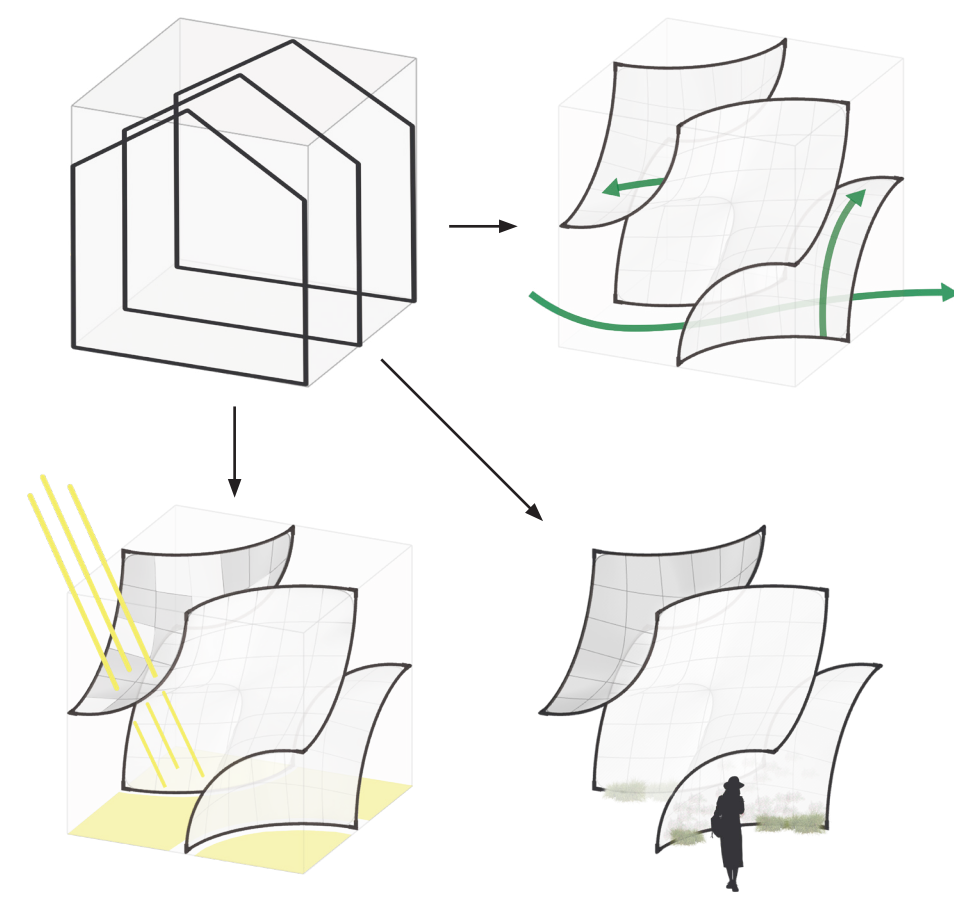


Knitted Orchards

Concept

Our project took as a reference the Kleingartens in order to provide a space-based on the exploration and experimentation of natural connections. Where the design of an innovative public greenhouse will let people integrate and create collaboratively its natural environment, finding their creative side while learning about horticulture and sustainable energies.

These new experiences entering the garden are based on a variety of living corridors which give the public the ability to create functional patterns, planting from a different list of local vegetables, fruits, and flowers. In addition, the structure provides event spaces perfect for public lectures or places for art installations and plant exhibitions.



Sustainable Goals

4
QUALITY EDUCATION

Social role
Support Green Corridor
Education: horticulture learning
Community Garden: Storage - Flower show
Space: Relax shelter provides small areas for events.

15
LIFE ON LAND

Interaction
The pattern of Pocket weaves on inner surfaces provides enclosures for seeds that people can interact with, and discover the essential horticulture processes.

2
ZERO WASTE

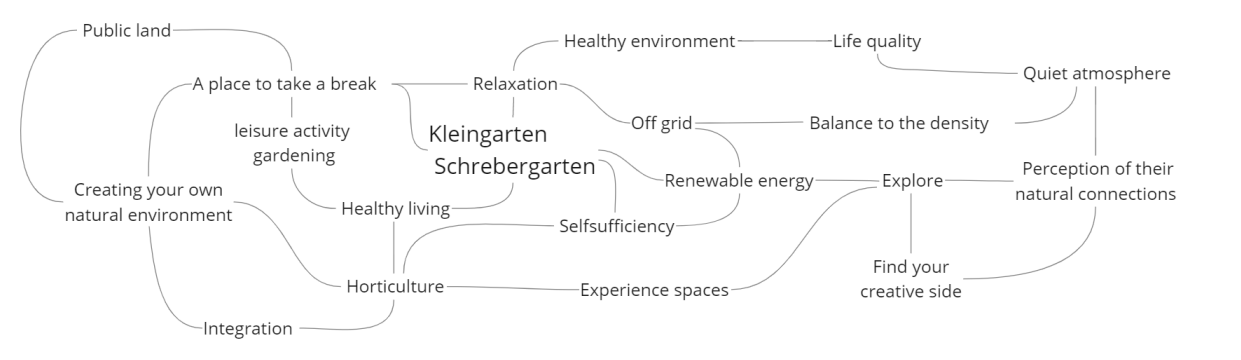
The form that allows interior exploration by accessing different platforms will allow contemplating Mannheim and Spinelli park nature from various perspectives.

11
SUSTAINABLE CITIES AND COMMUNITIES

Scalable
The urban garden modular approach could be scaled and replicated when needed.

7
AFFORDABLE AND CLEAN ENERGY

Energies
Generate and store renewable energy for small-scale urban needs, integrating textiles with Flexible Solar Film located on the top of the modules.



Context

Key, aspects to analyze were the green corridor which projects the connection of fragmented spaces of Mannheim into a large green space and analyze the Spinelli park as a freedom and movement place which gives new possibilities for rethinking the former military areas as an open space with natural spatial diversity.

A significant part of this strategy involves site connection of urban attractions creating a network of urban gardens in the surrounding areas of Spinelli park such as Wilde-Au, Sellweiden, and Wallstadt. With specific zones like the Climate park, Themed gardens, and U hall. Spaces that are already taking part in the frame concept proposed for the Buga 23.

- 1 Wilde-Au
- 2 Sellweiden
- 3 Verein der Gartenfreunde
- 4 Climate park
- 5 Themed gardens
- 6 U hall
- 7 Selected area

