The Playa’s Salt Pavilion

Inspired by the flexible nature of the organisms that thrive in the unique conditions within the playa, the Salt Pavilion’s design is directly influenced by the formation of salt crystal accumulation.

The pavilion accommodates large scale programming and generates energy through the inclusion of solar panels, which serve as the structure for the halite “crystals” atop the salt base.

The base of the structure can be built from assembled panels using salt sourced directly from the playa via a process of collection, processing, and construction by volunteers and community members.

**Salt Panel Construction Process**

1. Harvest Crystallized Salt Crust from Playa Surface
2. Combine Components to Create Salt Panels
3. Pour Mixture into Panel Molds
4. Bring Community Together to Construct Pavilion

**System Solar Energy Production**

- **Solar Cube Sculpture** 14.50 MWh
- **Boardwalk** 373.02 MWh
- **Housing Rooftops** 133.98 MWh
- **Greenhouse** 88.77 MWh
- **Total Production** 610.27 MWh
- **Total Residential Consumption** (105.12 MWh)
- **Total Greenhouse Consumption** (38.23 MWh)
- **Total Consumption** (143.35 MWh)
- **Net Site Energy Production** 466.93 MWh