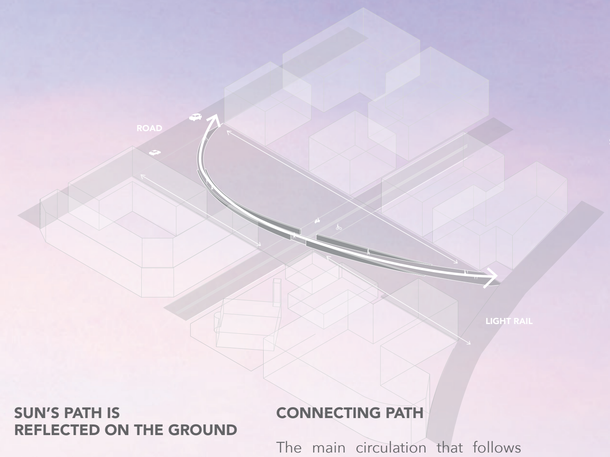
FOLLOW THE SUN

Follow the Sun as you walk into a field of sand held back by solid earth. You walk the same path as the summer solstice cutting through the sands that ground the sun trackers. The cool earth offers glimpse above and beyond of long fins slowly turning to follow the Sun in its Abu Dhabi sky. The sand field is marked by the fins following the sun.

Follow the Sun uses water filled globes that concentrate sunlight onto a small photovoltaic panel that actually moves throughout the day to track the sun. Flexible aluminum rods are welded to this tracking system so that we can see the sun being tracked throughout the day. The solar collectors are also sun clocks that indicate the position of the sun in the sky.

Energy Technologies: Compact photovoltaic thermal on a dual axis tracking system with spherical solar concentrator willed with water. (CPV+T) (Rawlemon®)

Annual Capacity: 441.27 MWh

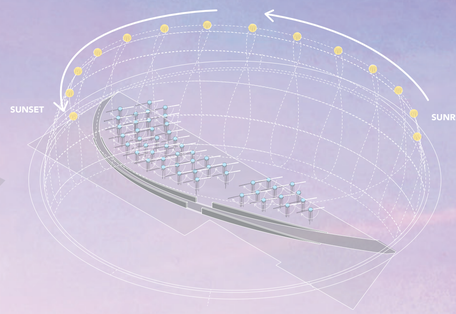


SUN'S PATH IS REFLECTED ON THE GROUND

Follow the Sun as you walk into a field of sand held back by earth-en concrete. You walk the same path as the summer solstice cutting through the sands that ground the sun trackers.

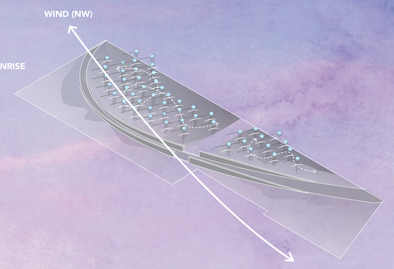
CONNECTING PATH

The main circulation that follows the summer solstice sun connects the light rail to the roads. At the perimeter of the site, the dune landforms diminish, allowing the pedestrians flexible circulation across the landscape to walk and interact with the sand landscape.



FOLLOWING THE SUN

Each module follows the sun through every season. The tracker system has a fin to emphasizes the movement of the sun. Everyday you see different positions of the fin, transforming the landscape of the plaza.



A MARKED LANDSCAPE: SANDS OF TIME

The groundplane is covered with sand, allowing it to be marked by the sun tracker fins. In winter, the fin lightly marks the ground. In summer, the fin runs through the sand more deeply, as the fin is positioned more perpendiculary to the ground.