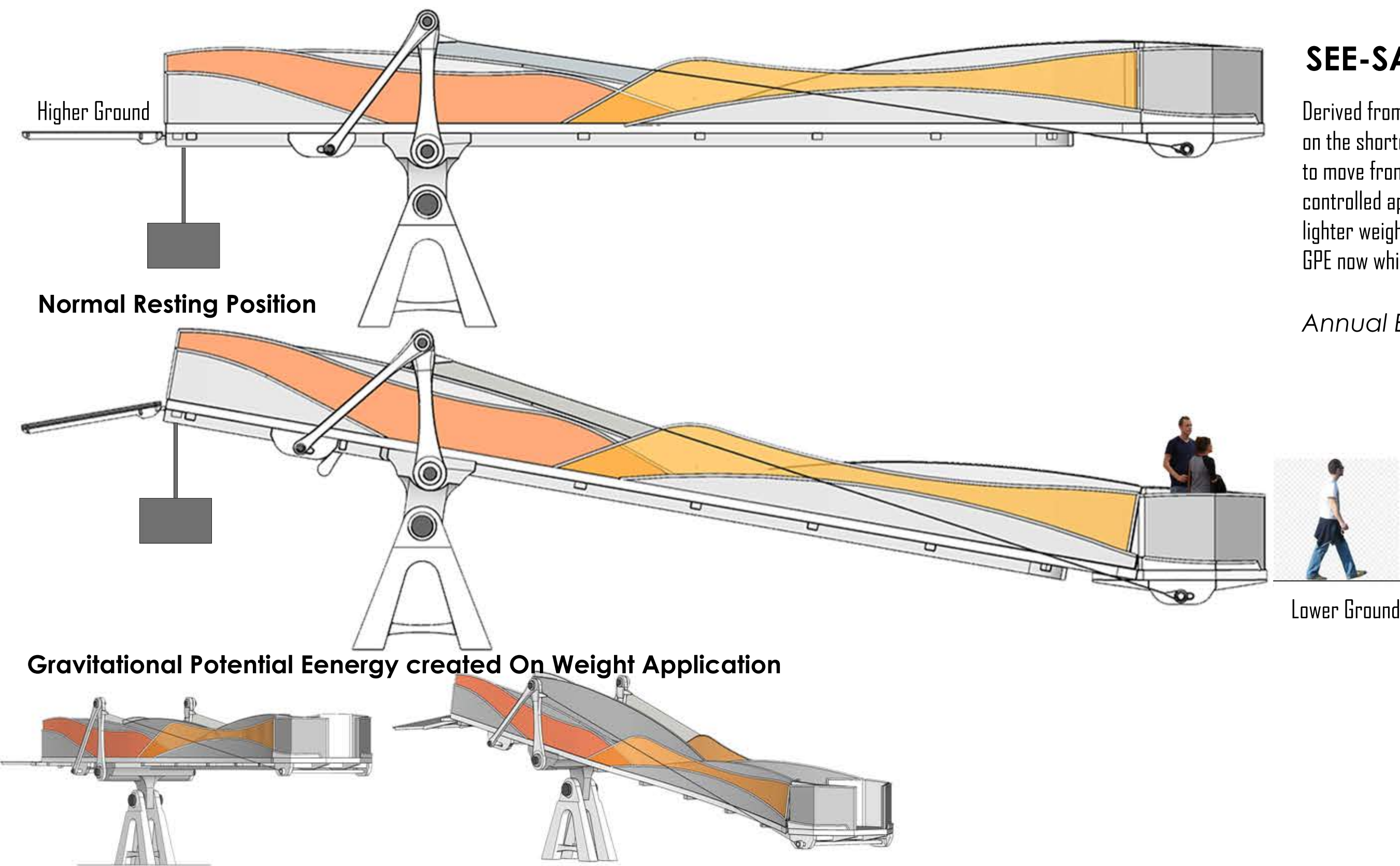


LAND OF THE NEW AGE

Total Annual Energy Generation = 52,015.5 MWh
Gravity Storage Capacity = 2,566.24 MWh



SEE-SAW

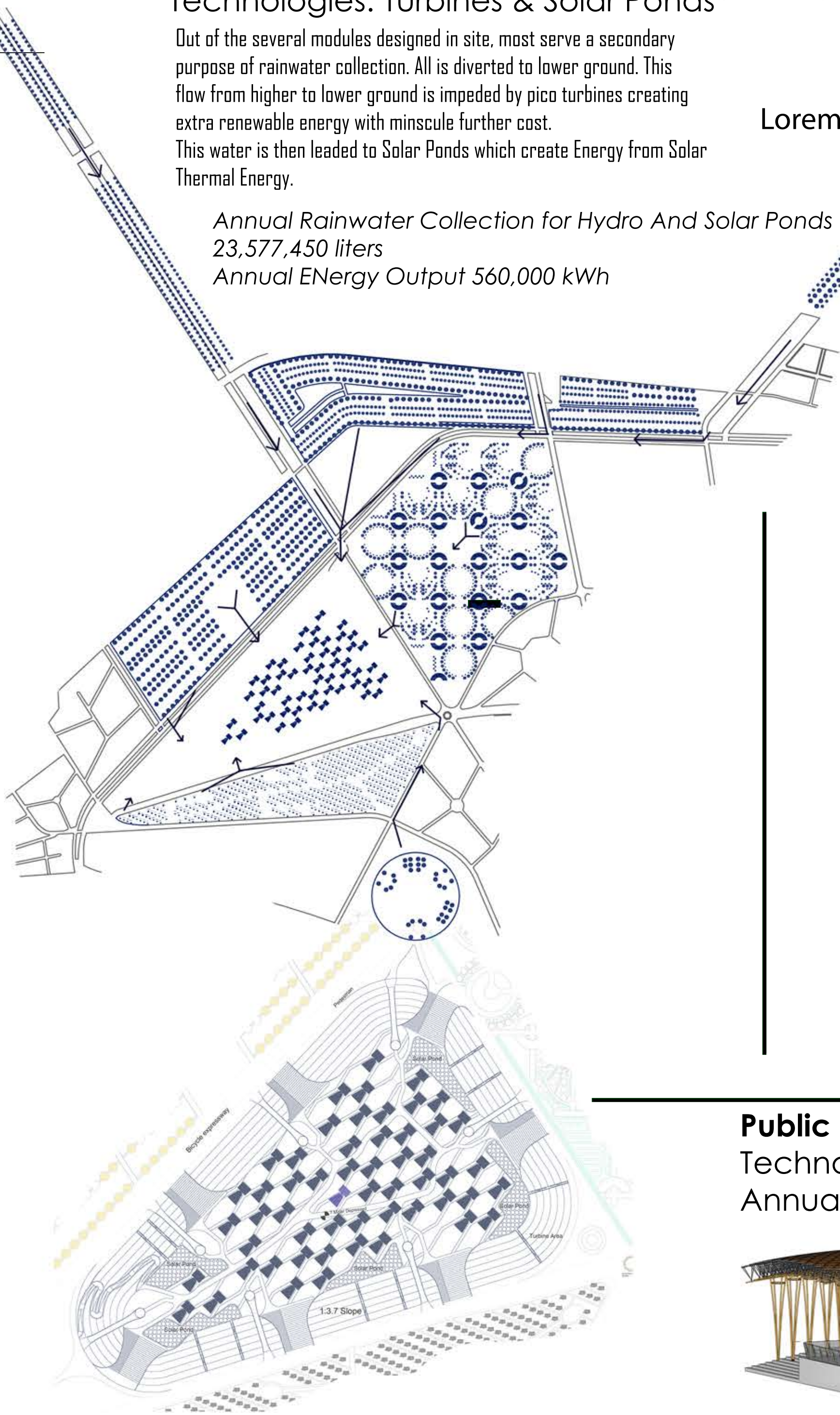
Derived from working principle of a lifting crane, Heavy weight is hanged on the shorter end which makes it resting position horizontal. When people wish to move from higher ground to lower as designed on site. See-saw is used in controlled application which uses weight of the people on the longer end having lighter weights to lift heavy weights on its shorter end. These heavy weights have GPE now which can be used to generate energy when needed.

Annual Energy Output : 100,000 kWh

Rainwater Renewed Technologies: Turbines & Solar Ponds

Out of the several modules designed in site, most serve a secondary purpose of rainwater collection. All is diverted to lower ground. This flow from higher to lower ground is impeded by pico turbines creating extra renewable energy with minscule further cost. This water is then leaded to Solar Ponds which create Energy from Solar Thermal Energy.

Annual Rainwater Collection for Hydro And Solar Ponds :
23,577,450 liters
Annual ENergy Output 560,000 kWh



Concentrated Wind Shells Technologies : DSSC, Vertical Axis Wind Turbine,

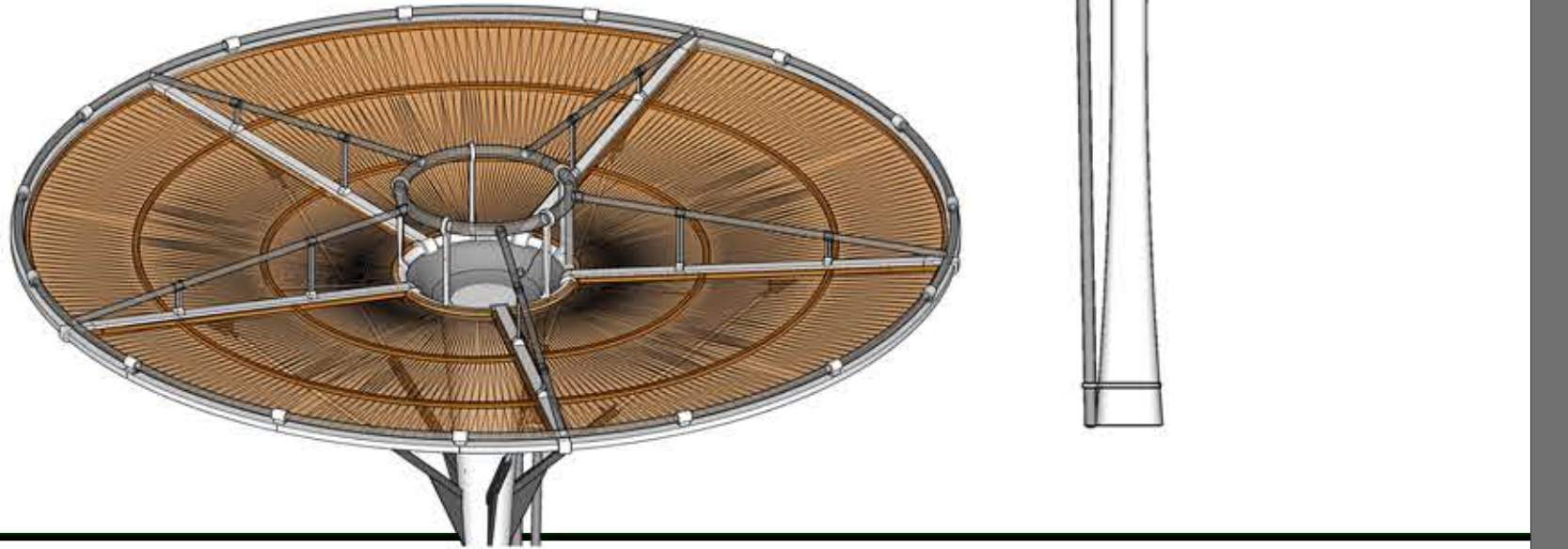
On the principle that turbines are most effecient when with constant flow of wind from one direction, a shell is designed to concentrated wind onto the turbine from the dominant wind direction, South-West, and having DSSC on top and the wind from opposite side is blocked by a smoothshaped module generating energy Solar ENergy

Annual Energy Output of 53 Modules : 14,135,271 kWh

Circular Solar Module Technologies : DSSC, Solar Thermal

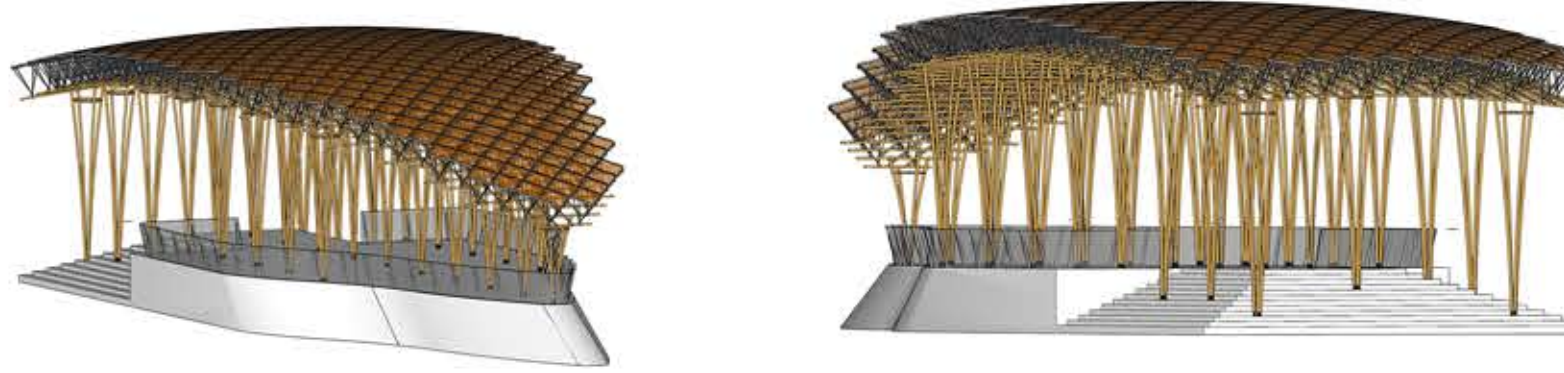
- Functions**
1. Solar to Energy
 2. Thermal tubes heating water to generate electricity by TEGs
 3. Rainwater Collection leading to Turbines and Solar Ponds.

Annual Energy Output of 861 Modules :
1,758,162 kWh



Public Viewing Platform

Technolgies : DSSC
Annual Energy Output of 3 Platforms : 464,400 kWh



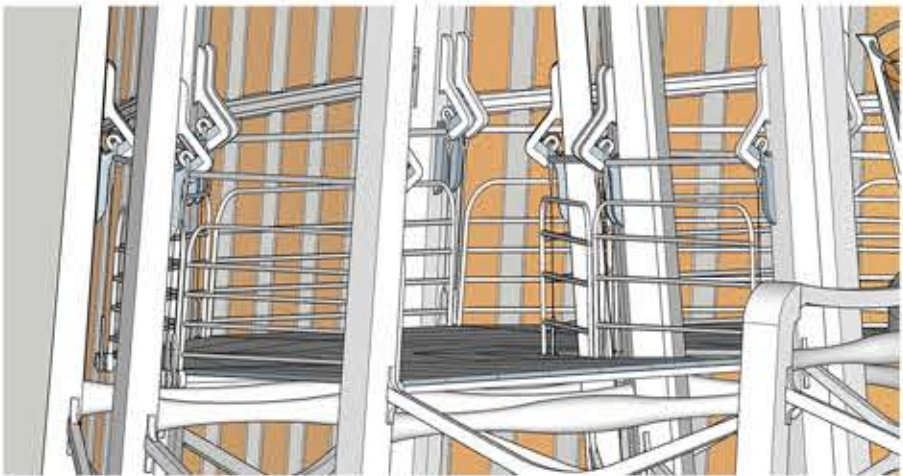
KINETIC RAMPS

Sun exposed side covered with DSSC

A Circular ramp is made up of 40 Modules made up of planks connected by rope to Kinetic Energy Generation devices. Each time a person uses the circular ramp to reach the higher platform to enjoy views of the land. Each step he takes on all 40 modules which make the ramp, energy is generated. This energy can be stored in Gravitational Potential Energy in the central platform which can raise by Hydraulic system.

Annual Energy Output Combined of 8 Modules :
320,000 kWh

Annual Gravity Storage : 840,960 kWh



Ramp Modules Connected KE Devices
by Rope