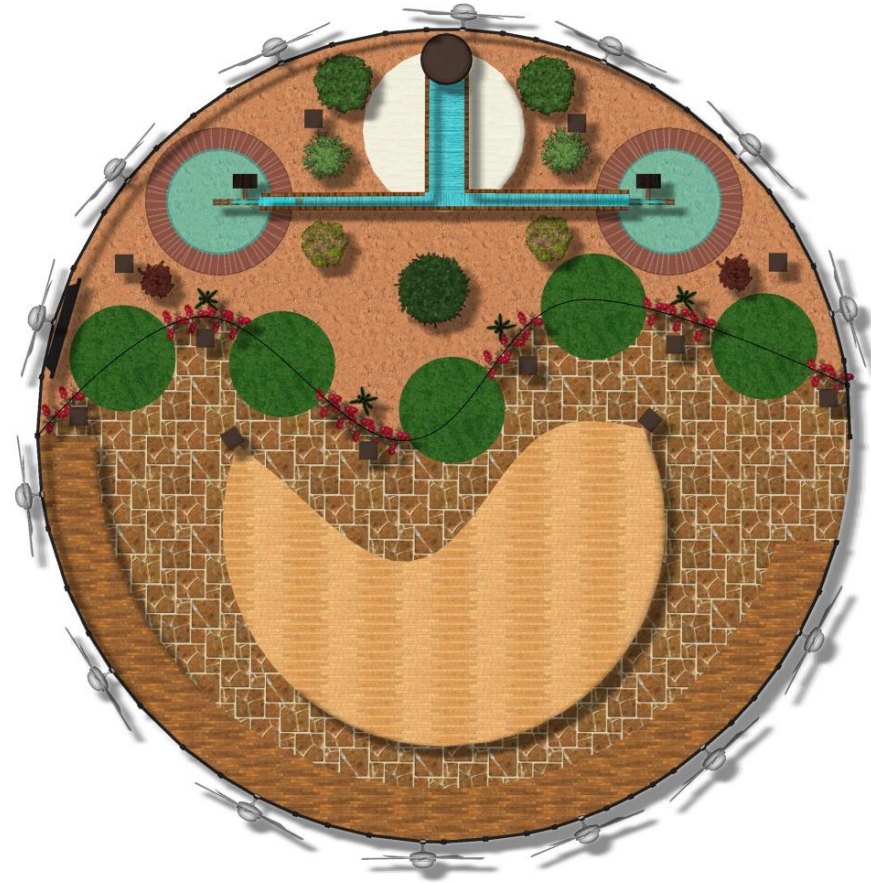


# uncarboned pavilion



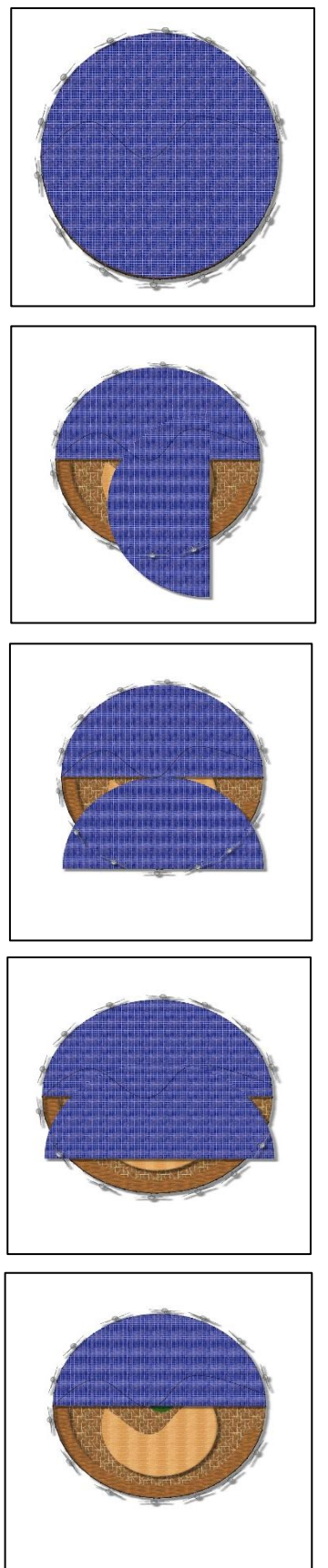
This design is designed as an independent pavilion. The project generates electricity using solar panels on the roof, smart flooring, wind turbines and a water mill.

Solar panels on the roof using sunlight during the day play a role in generating electricity in this complex, smart flooring plays a role in generating electricity when people walk and their physical activity, water mills by water fall and Their motion generates electricity and wind turbines around the pavilion generate electricity using wind power

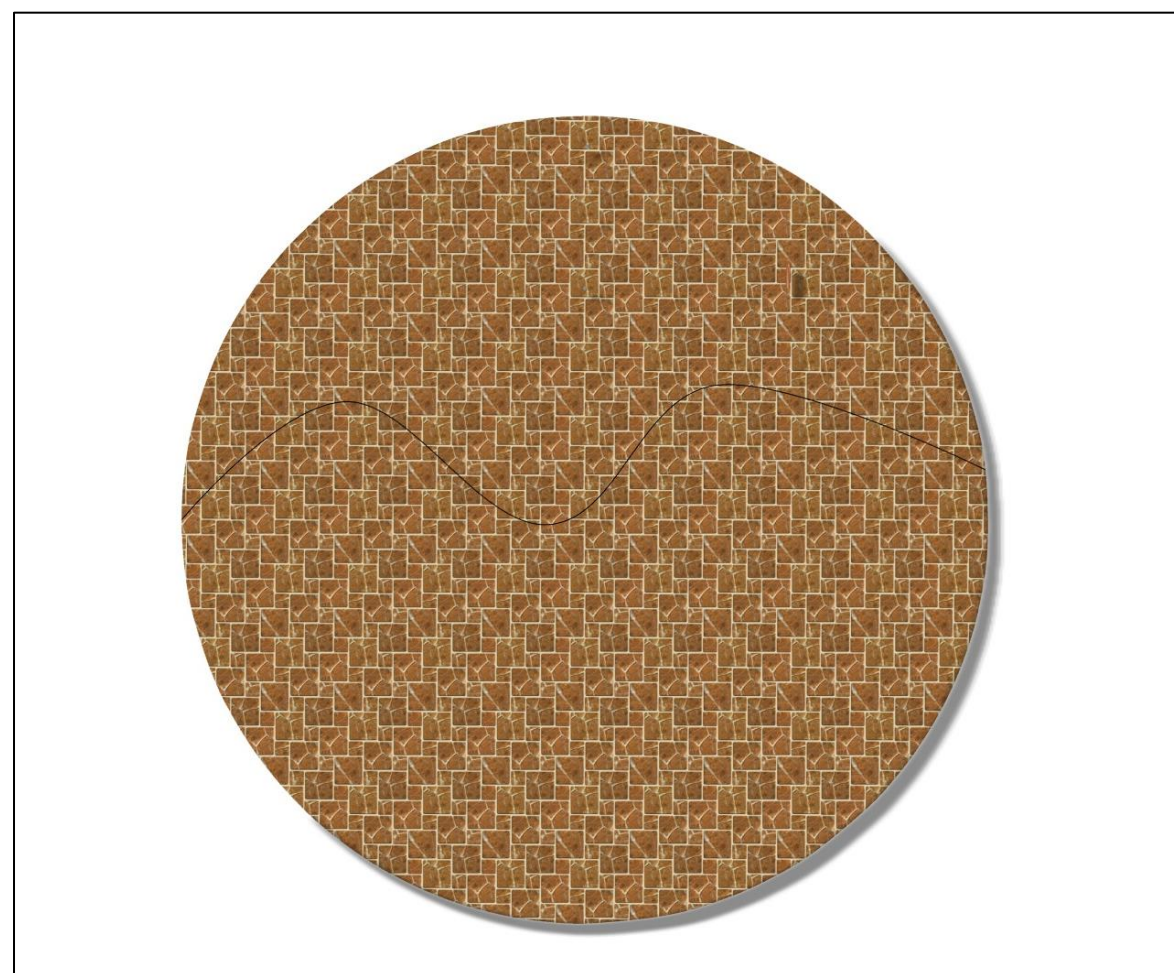
This project with an area of 78 square meters is designed in a circle, which is a symbol of the life cycle. Which can be built in the required number in the desired area of 53 hectares. So that families can spend their free time while visiting the park in these pavilions and get acquainted with how to generate energy from renewable sources. In this project, electricity is generated through sunlight, physical activity, water and wind.

In this project, rain and snow water is transferred from the roof to underground reservoirs through designed pipes and supplies water to water mills as well as irrigation water for plants. Plants have been selected as plants with low water requirements and their irrigation is done through in-ground irrigation with permeable irrigation system. Mulch is also used on the garden surface inside the pavilion to prevent water from evaporating inside the garden and weeds from growing.

The roof designed in this project can be opened and closed and also low-energy lights have been used.



## Design Stages:



1



2



3