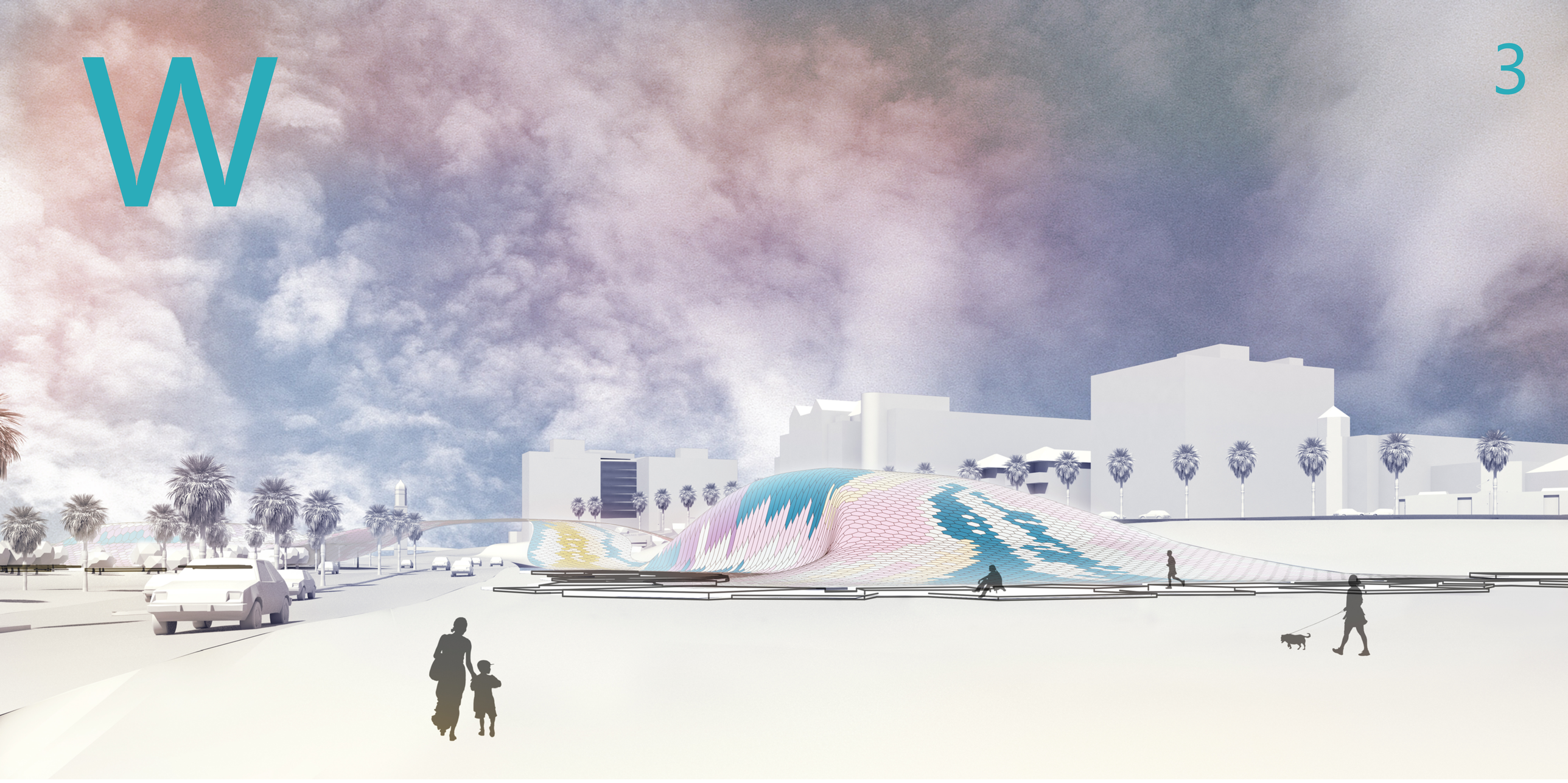
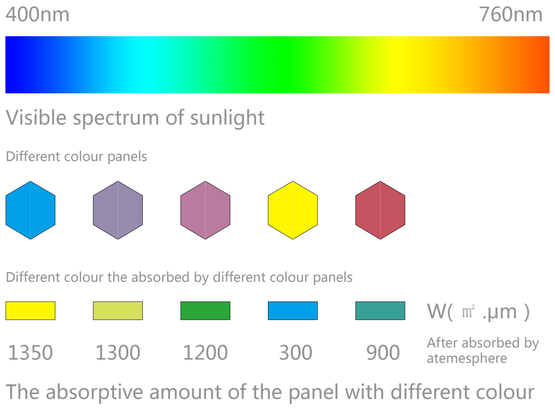
W

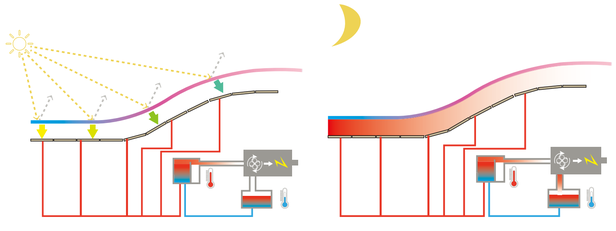


Basicly power generation priciple

This generation system is based on the sun spectrum . In the visible spectrum , different colour with energy . The highest energy is between 480~600 nm . Corresponding to yellow and green system . So , the colour of panels on installation is importance of design . We choose blue , purple , red to absorb the colour with high energy in sun . Fileting the lowest energy so that we can use solar efficiently .



Power generation priciple (surface)



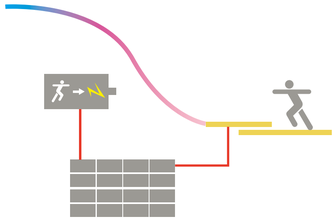
Day

In the day time , the panels absorb special colour of sun spectrum . The scope of wave length is 480nm to 600 with the highest energy. Then collectors absorb the heat and send it to the boiler by pipe . The water in the boiler is heated to steam. The steam pull the turbine to generate electricity. Then steam enter the cooling system to change to liquid and send to boiler . It will be a recycle system .

Night

When it is sunset , the collectors absorb the heat stored by the gap between panels and collectors and send it to the boiler by pipe . The water in the boiler is heated to steam. The steam pull the turbine to generate electricity. Then steam enter the cooling system to change to liquid and send to boiler . It will be a recycle system .

Power generation priciple (steps)



Generation by pressure

There are some panels around the installation to provide people a space to resting and playing . Meanwhile , when people stand , walk , run on them . They can save the pressure and change to electricity .