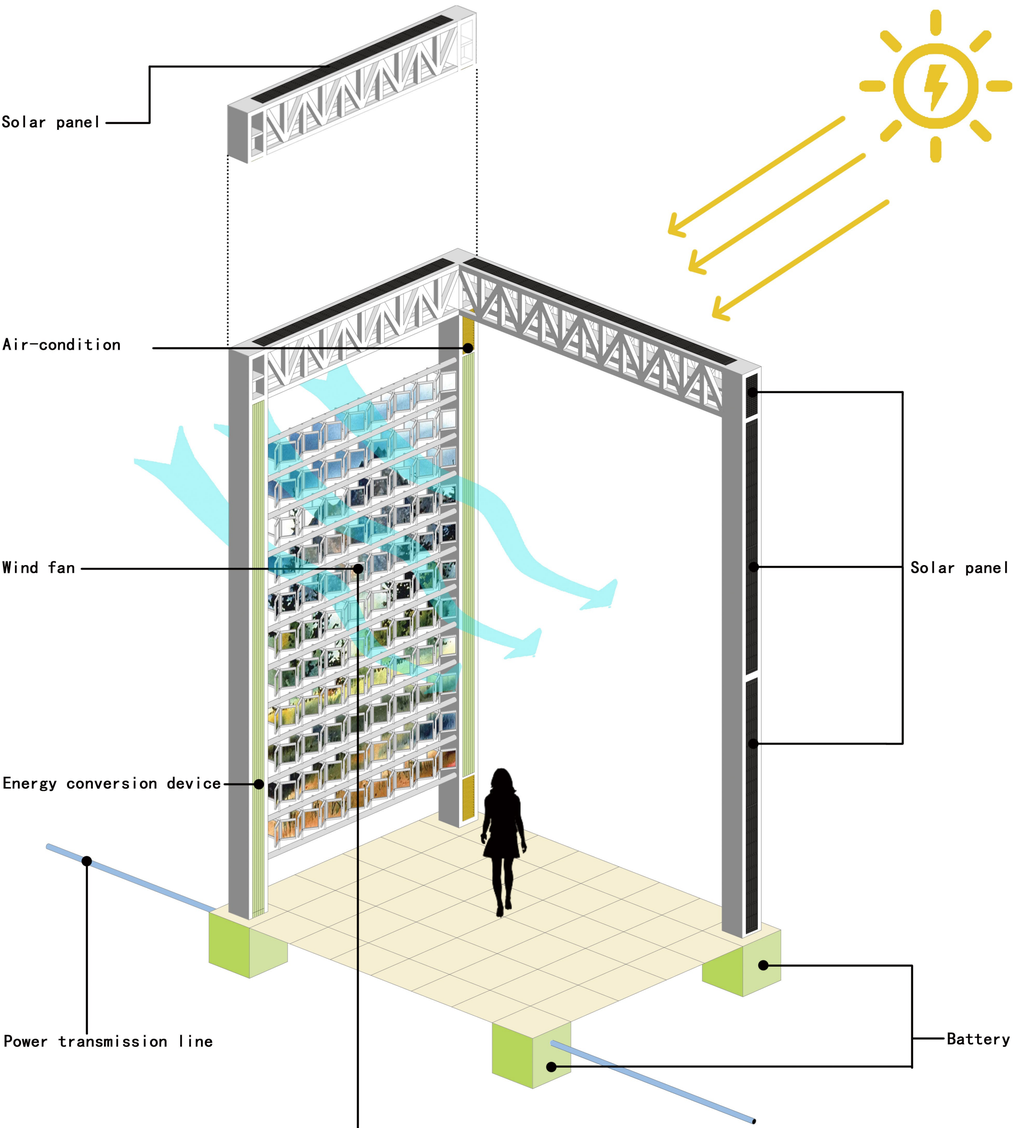
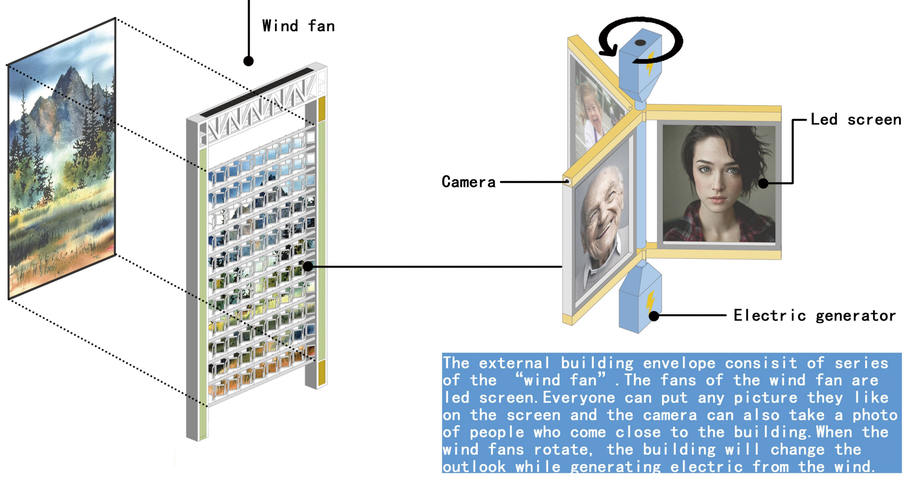
The solar panels are inset into the supporting structure. The supporting structure are joist steel which there is space on both sides of the structure. The solar panels overlaid on the structure can make best use of the abundant sunshine in the ST. Kilda. They can efficiently convert the heat from the sun into electric all day long .





The external building envelope consisit of series of the “wind fan”. The fans of the wind fan are led screen. Everyone can put any picture they like on the screen and the camera can also take a photo of people who come close to the building. When the wind fans rotate, the building will change the outlook while generating electric from the wind.

Total units	Power	Energy output
8.9hs/day	130W/m2 450m2	16.85MWH
25km/h	1KW/set 60set	34.56MWH

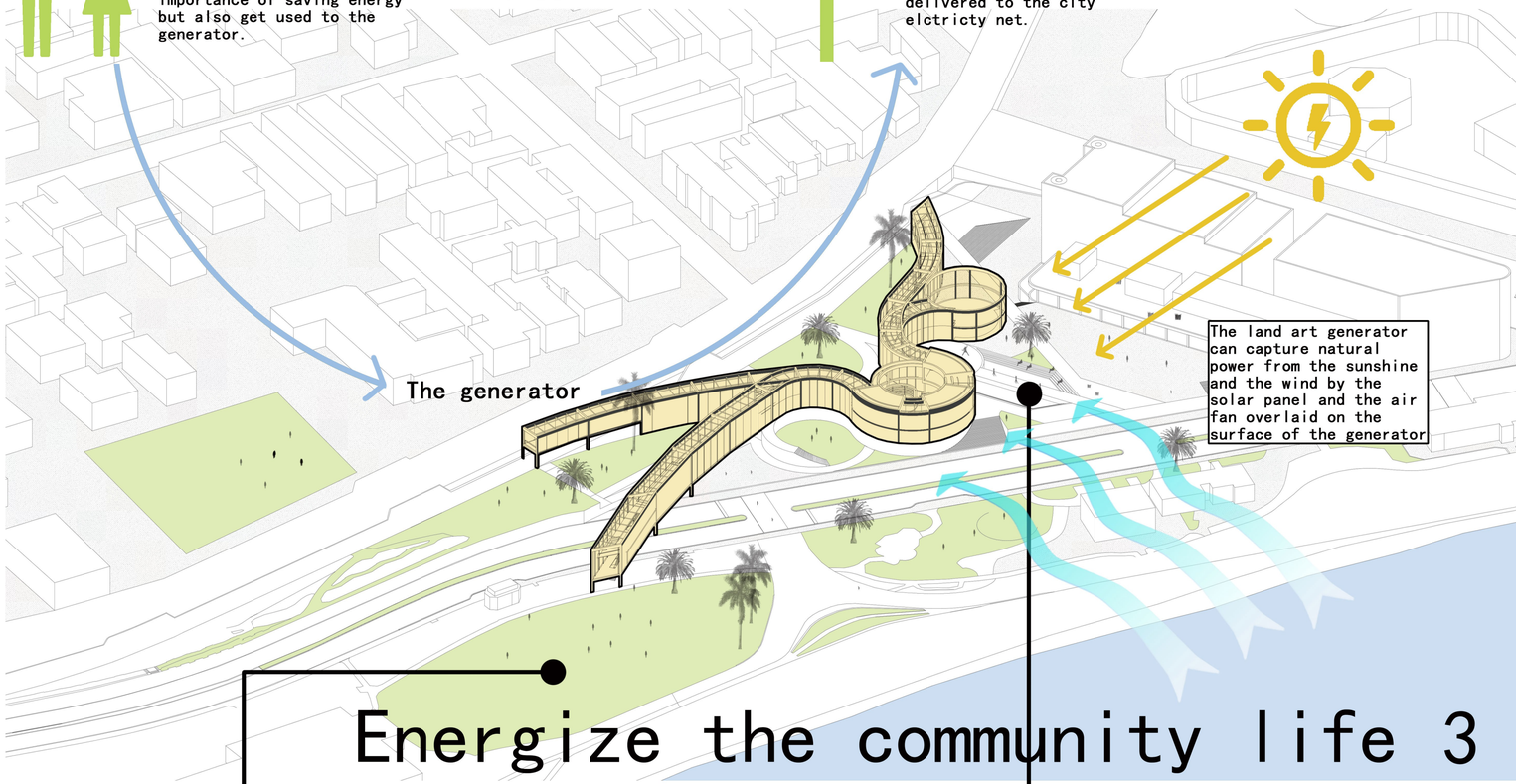
Total output=51.41MWH/day

The extra electricity will serve the nearby communities in order to decrease the use of unclean power.

Using the clean power from the land art generator will not only make people realise the importance of saving energy but also get used to the generator.

How?

The clean elctricty generated by the generator will be delivered to the city elctricty net.



Energize the community life 3