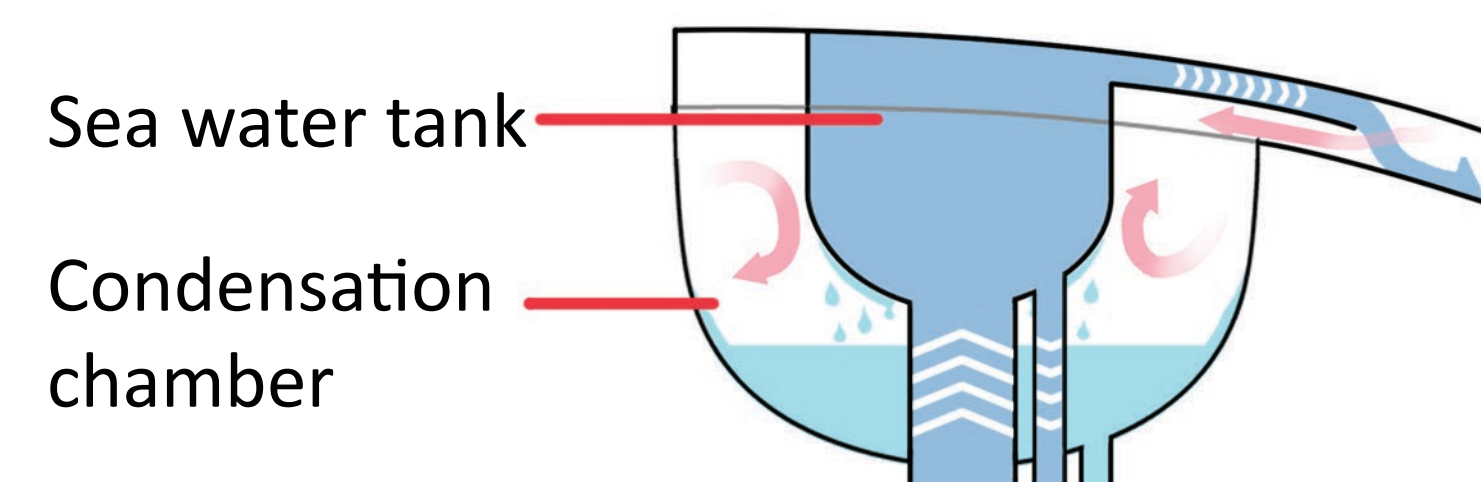


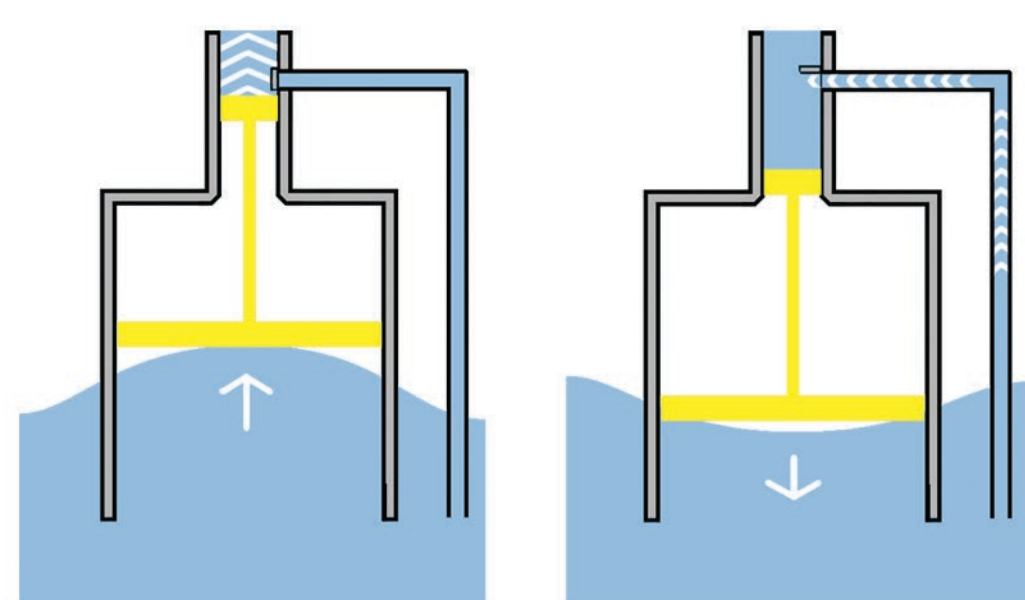
Steam Condensation process

The steam flow into condensation chamber and turn to liquid pure water.



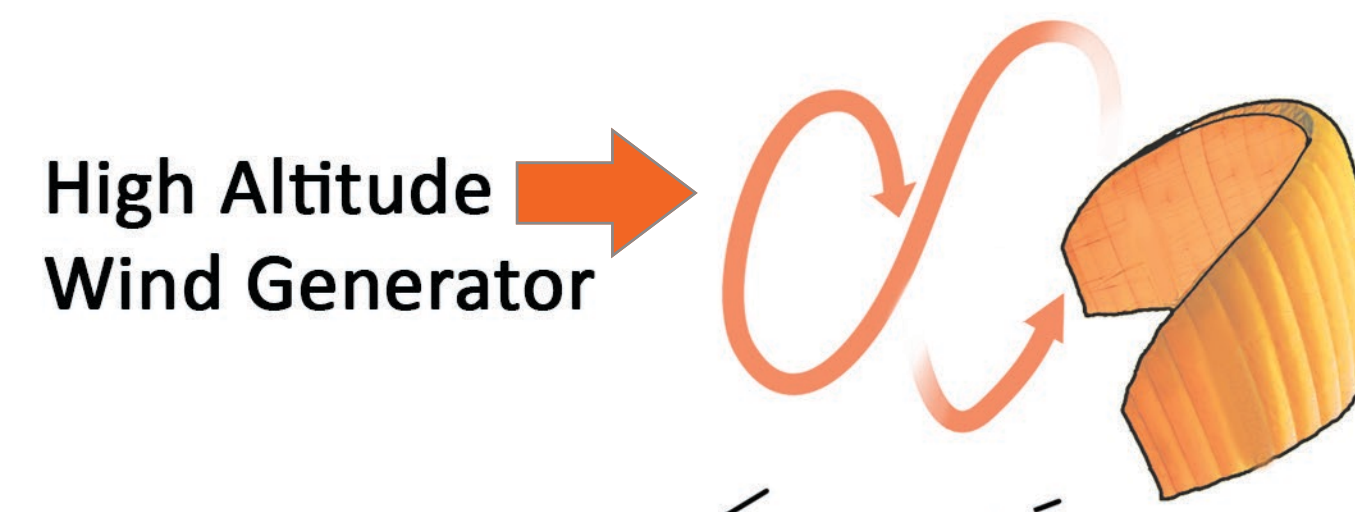
Wave Energy Harness

By the wave driven water pump, the sea water is pumped for desalination and electricity



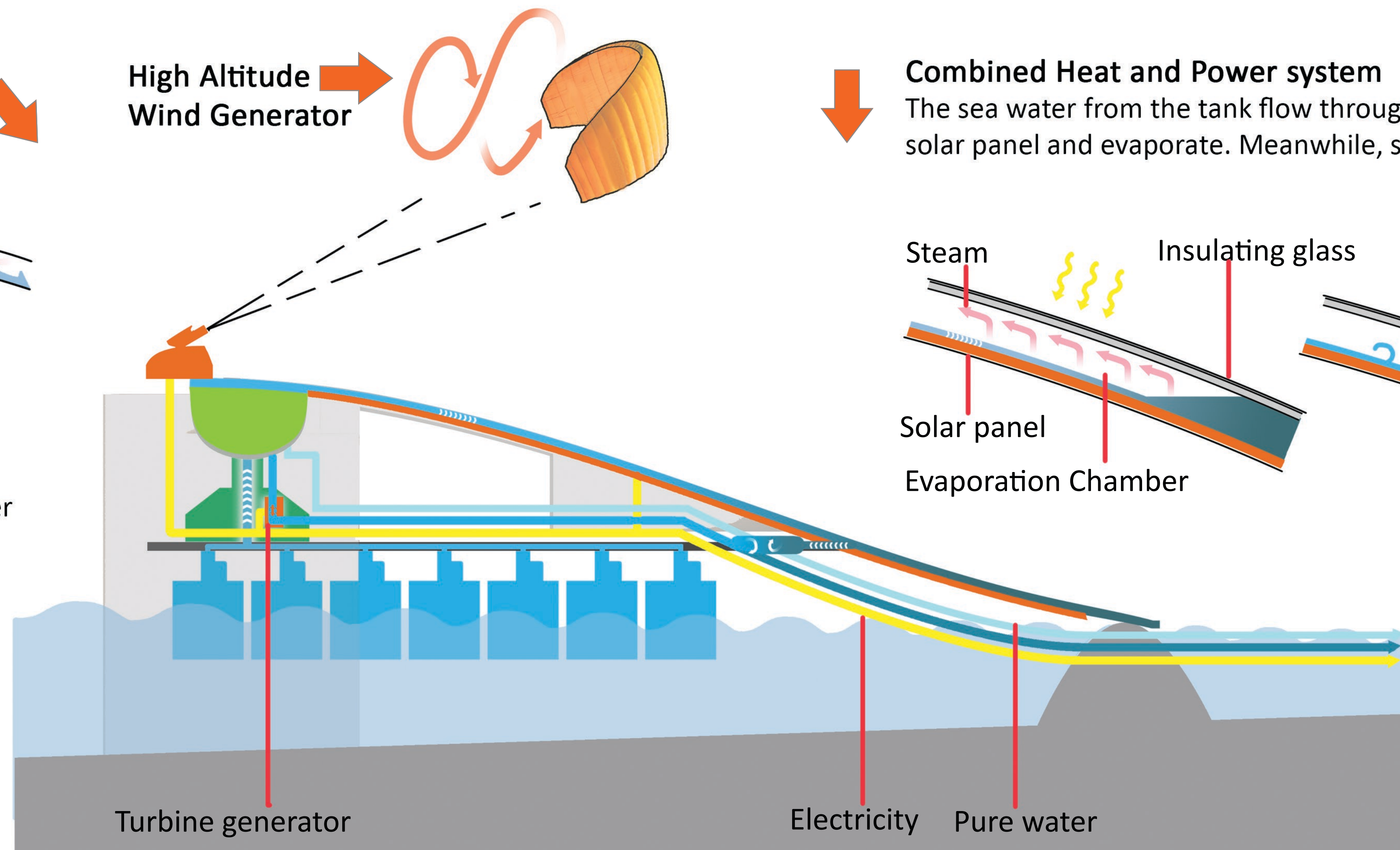
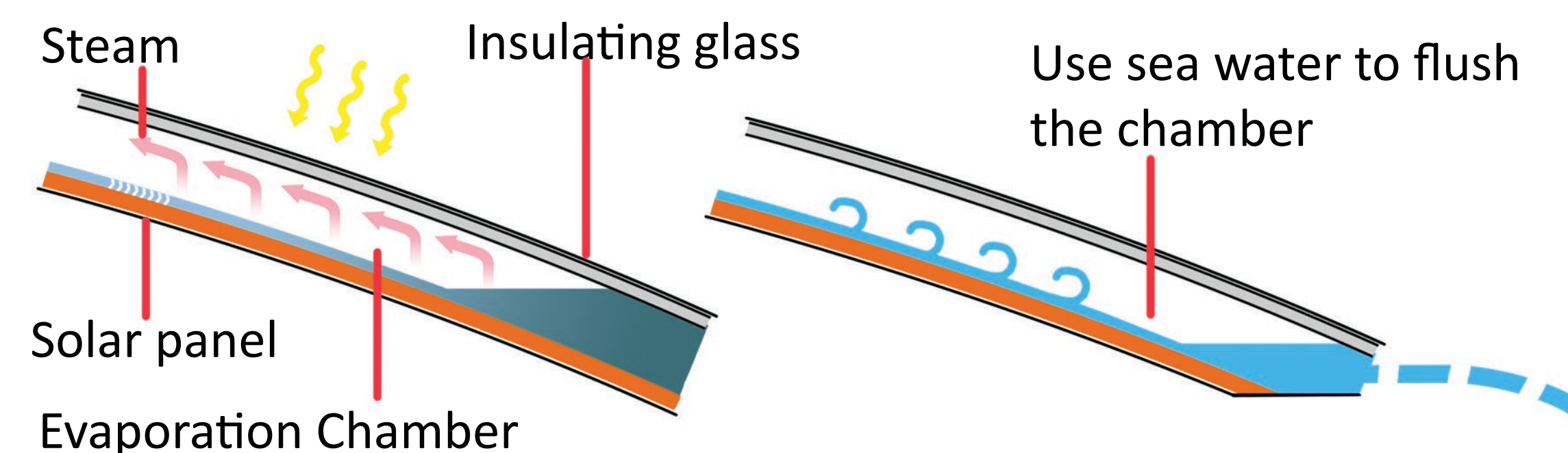
Wave driven water pump

High Altitude Wind Generator



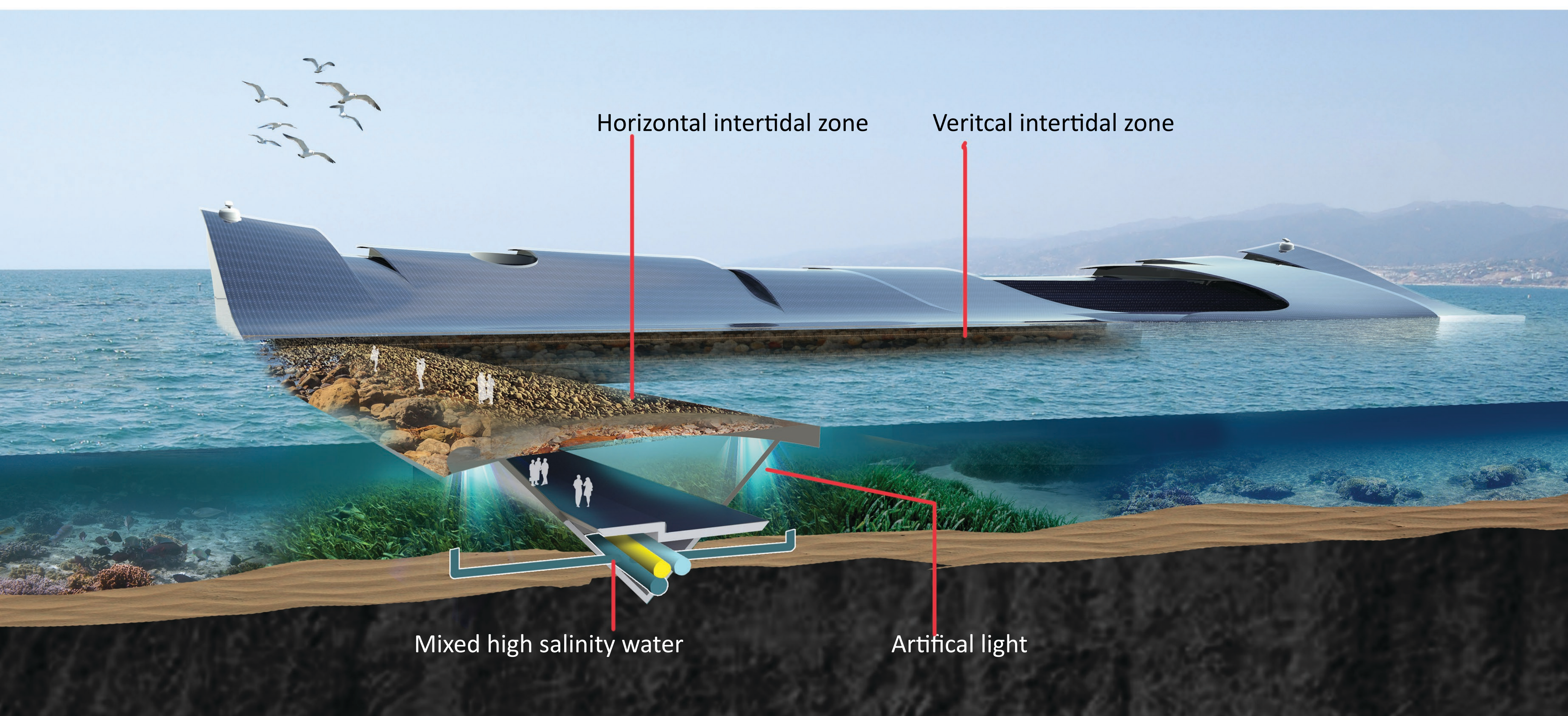
Combined Heat and Power system

The sea water from the tank flow through the system, be heated by solar panel and evaporate. Meanwhile, solar panel generate electricity



Mixed High Salinity Water

the high salinity water as product of sea water desalination is rich in nutrient, which can be blended with untreated sea water and air to form a designed solution



Ecosystem lab

Instead of finding remedy to ease the impact, the concept of Flying Nocturne is to make use of the impacts in a positive way by making an ecosystem lab for experiment and learn. The installation creates a horizontal intertidal zone on top of the tunnel and a vertical intertidal zone by the side of an existing water break. Those artificial intertidal zones provide potential habitats for various invertebrates and fishes, and further provide food for other marine lives. Additionally, Mixed High Salinity Water discharge to certain area to change the salinity, temperature, oxygen and nutrient level. Together with artificial light and other human intervenes; the researchers are provided essential materials and tools to quickly design an artificial habitat for nurturing an ecosystem or adjust the habitat if