

upper buoy

tidal adjustment column

lower buoy



hose to top of 'wave'

hose buoy

tidal pump

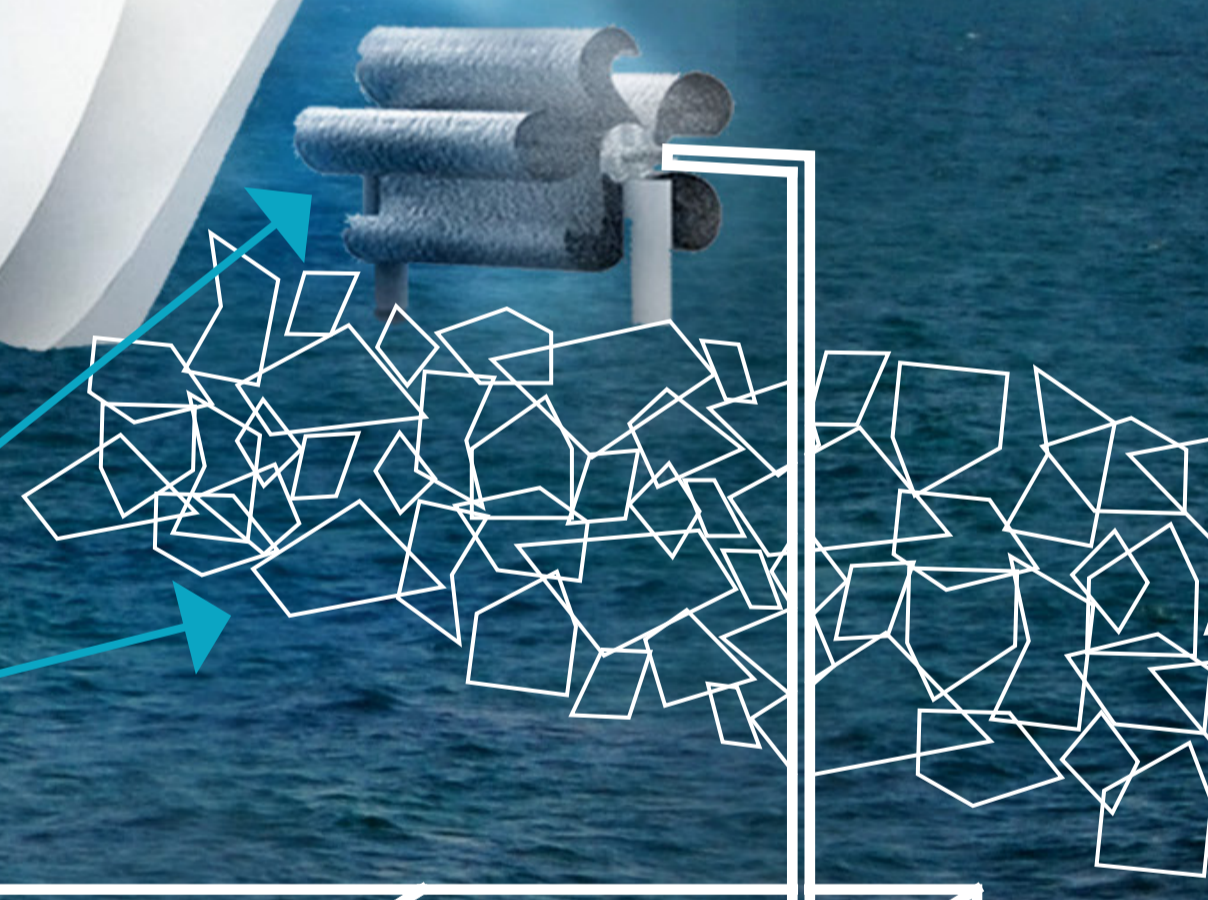
the tidal pump will be located at the base of the sculpture. it works like a bicycle tire pump. as the top buoy rises up and down to the movement of the waves, ocean water is pumped through the hose and up to the top of the primary 'wave'.

hydropower

the second form of technology in this system is the water turbine. the spinning of the turbine from the falling water produces energy which is then stored in a generator. this energy then makes its way to the transformer and to the power lines.

turbine

breakwater



power line to grid

transformer housing

generator housing