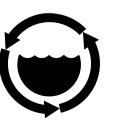




WAVE POWER SYSTEM

Energy is harvested when the waves roll along the steel wire, making the energy collectors to move back and forth and leading the pressurized water to an on-shore turbine for energy conversion.



FRESH WATER PRODUCTION

As we are converting the energy in the waves into pressurized water, we will use some of it to produce fresh water by desalination (reverse osmosis).



BIOLUMINISCENT NOCTILUCALES EFFECT

The system will supply electricity for the pier and the bioluminescent installation. Submersible LED lights attached to the pistons will make the ocean surface glow.



The system will supply electricity for the pier and the bioluminescent installation. It will be integrated to the grid, in order to supply its surplus.

The pressurized seawater generated by the moving plates can be used solely for electricity production, for fresh water production, or for both.

