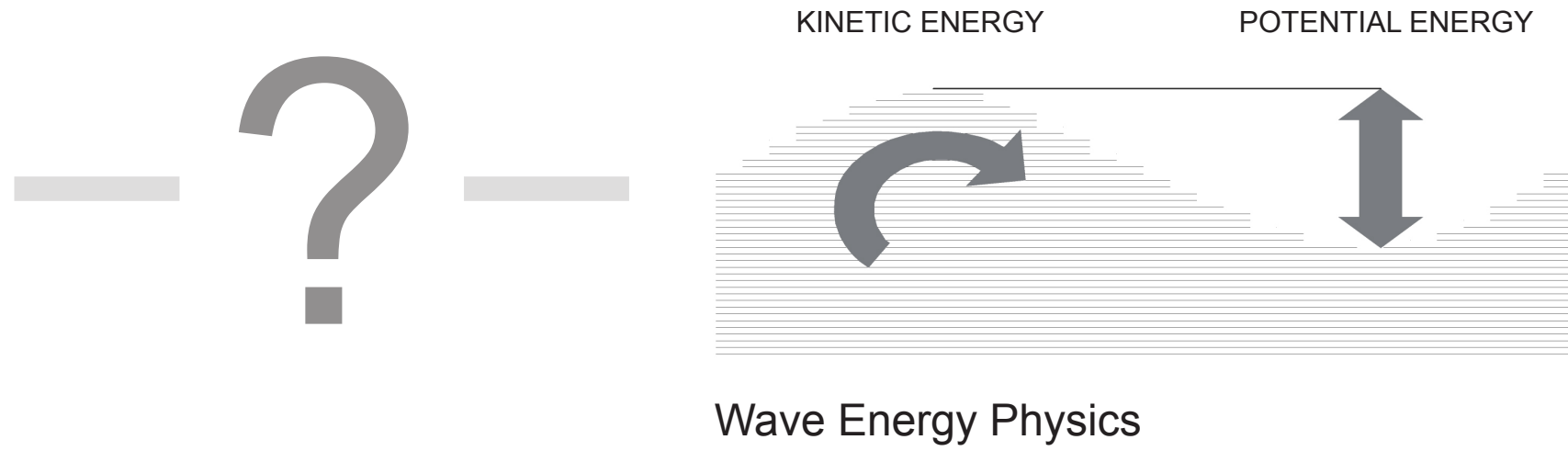
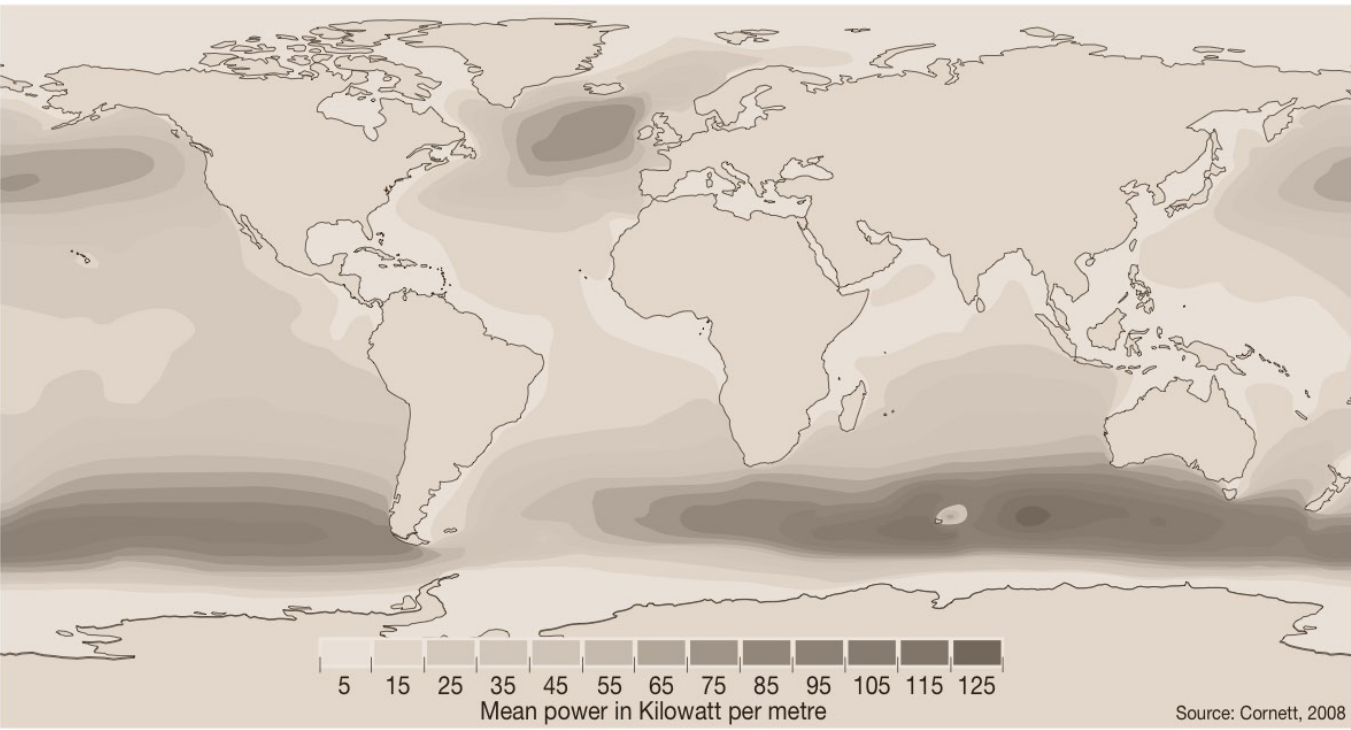




Santa Monica Site Lotation



Potential of wave energy



The ocean is with high probability one of the biggest green/clean energy sources available nowadays. The energetic potential of waves movement specifically, is enormous and the conversion to energy is relatively simple.

The effectiveness and efficacy of waves movement conversion systems into clean energy is broadly demonstrated by a wide range of studies. Among the most efficacious we can list the floating stations (power buoy or similar) which utilize the changing high of waves to produce interesting energy blocks.

Santa Monica Pier is a continuation of the city into the ocean and it represents it through one of the most interesting human activities: Play and Fun.

This project is aimed to enrich the link between the ocean and the city in a concrete and visible way. The floating buoys, placed next to Breakwater rocks, produce clean energy that is re-used to feed Santa Monica Pier activities.

The ocean brings to the city clean energy to feed Santa Monica Pier lightening. By night a small part of the produced energy is used to light signaling the buoy and their connection to the Pier. Each and every buoy has a vertical brilliant bar that gets proportional enlightening with the energy produced by the waves movements and can go up and down into the sea and the darkness of night producing a sort of a dance that is strictly related to the sea-waves.

Aereal view of the Power Buoy Farm

