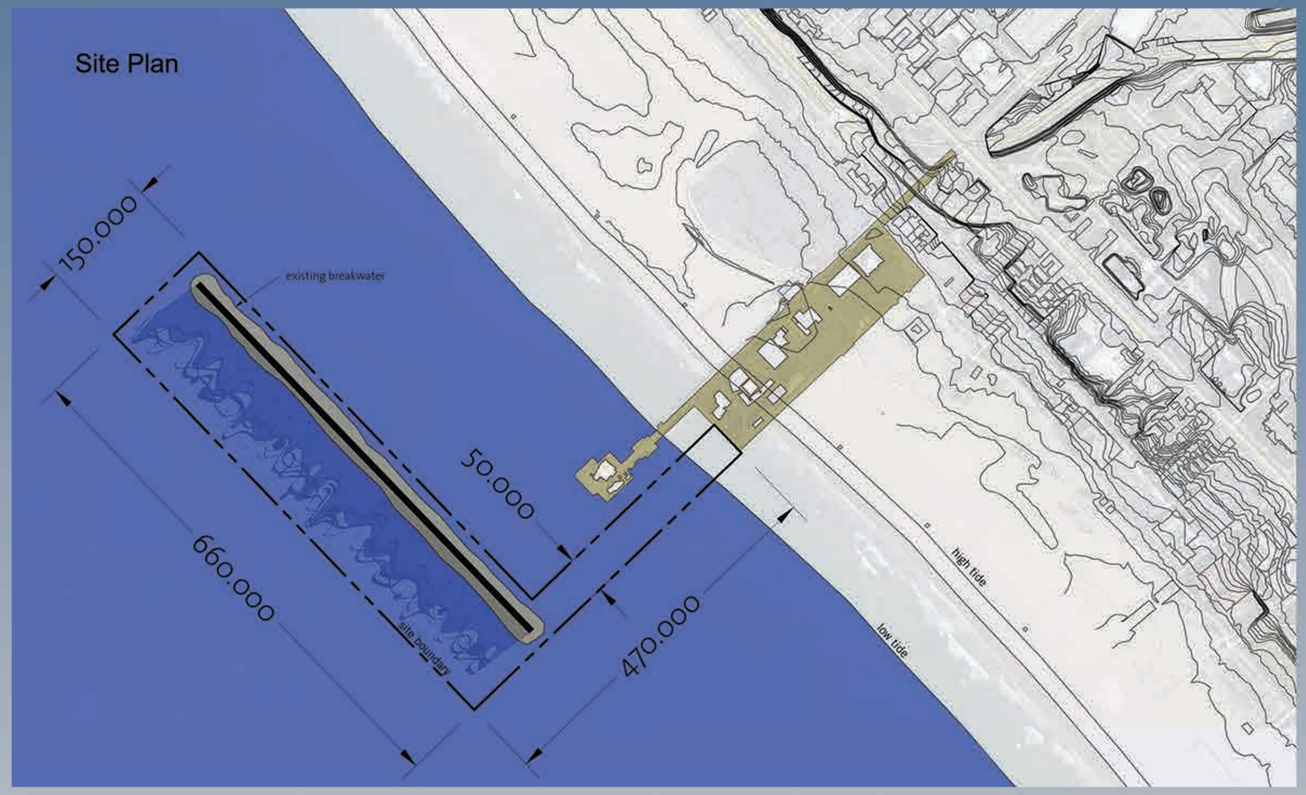
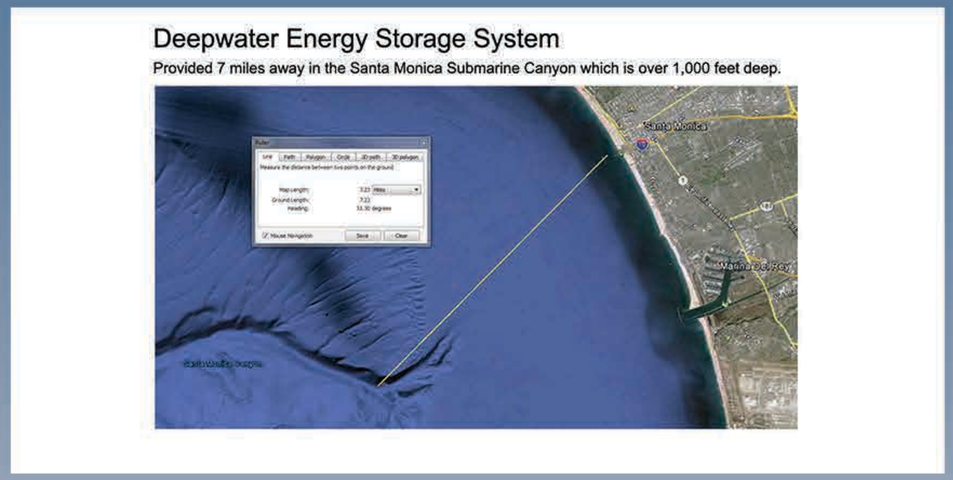
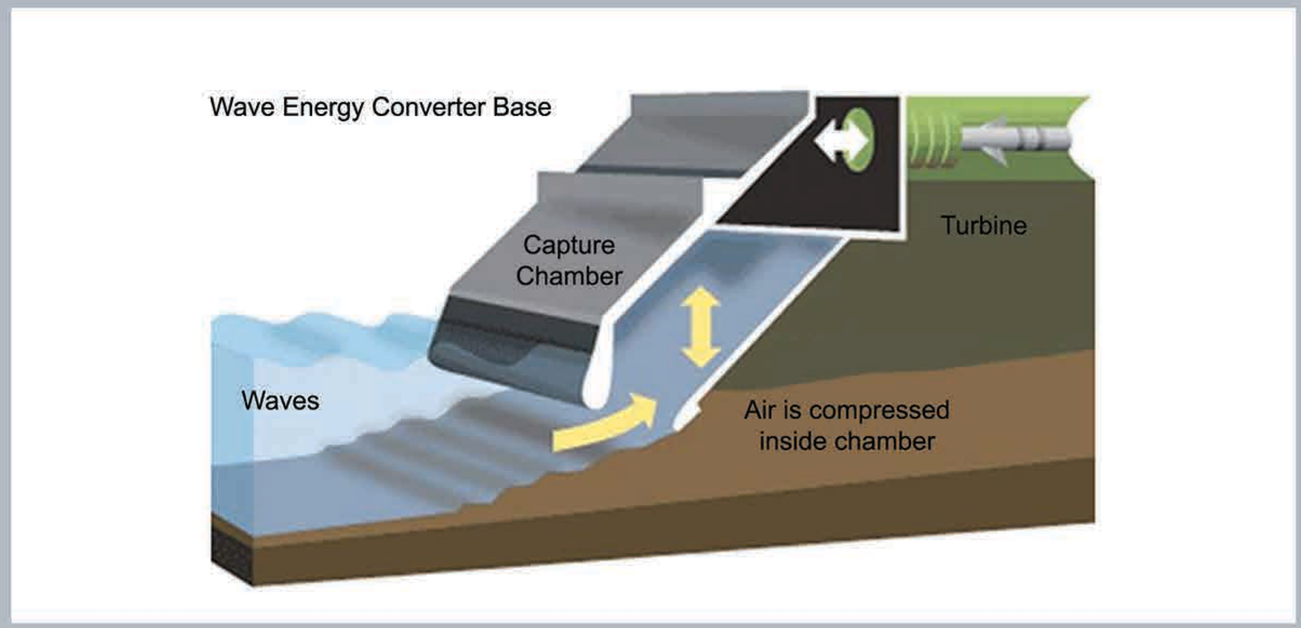
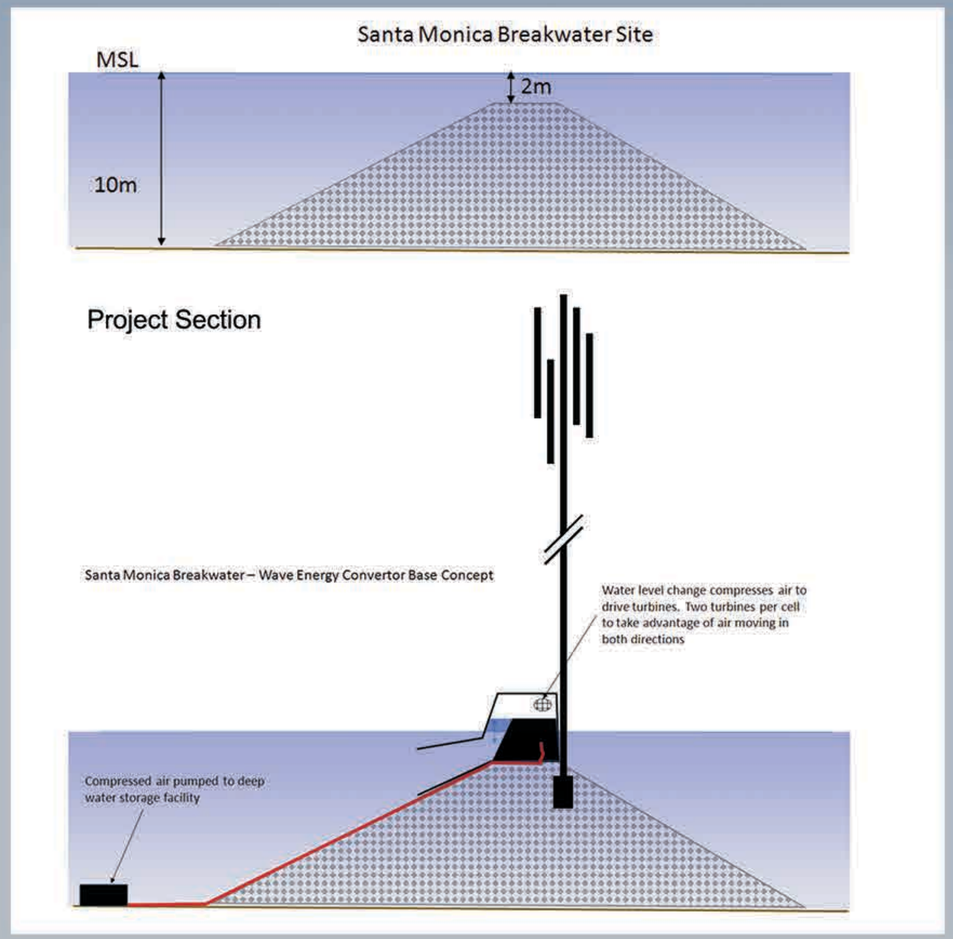
FUTUREwave


Site Plan
150.000
existing breakwater
50.000
660.000
470.000
site boundary
high tide
low tide


Deepwater Energy Storage System
Provided 7 miles away in the Santa Monica Submarine Canyon which is over 1,000 feet deep.
Santa Monica


Wave Energy Converter Base
Capture Chamber
Turbine
Waves
Air is compressed inside chamber


Santa Monica Breakwater Site
MSL
2m
10m
Project Section
Santa Monica Breakwater – Wave Energy Convertor Base Concept
Water level change compresses air to drive turbines. Two turbines per cell to take advantage of air moving in both directions
Compressed air pumped to deep water storage facility