

THE CLEAR ORB

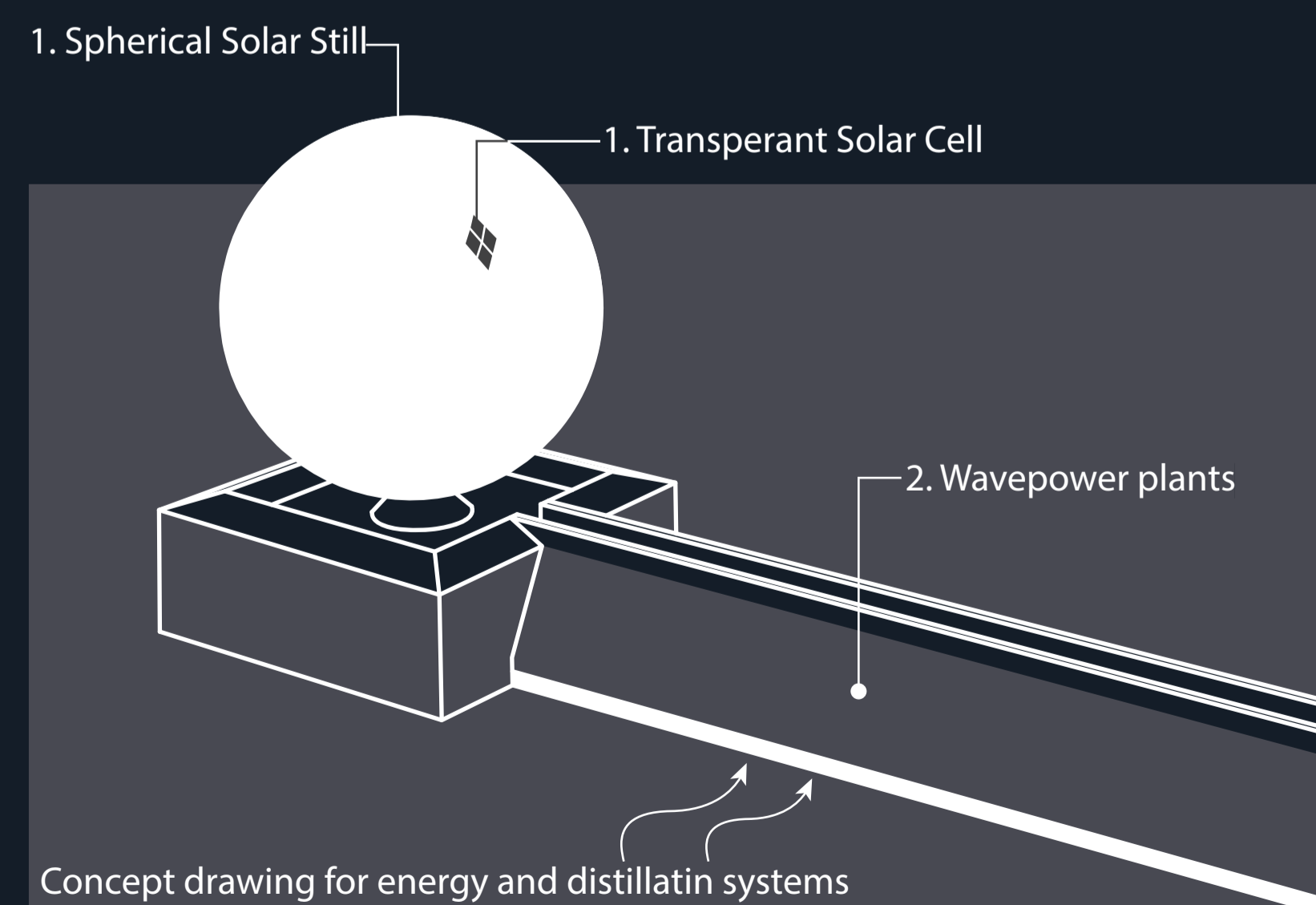


Systems

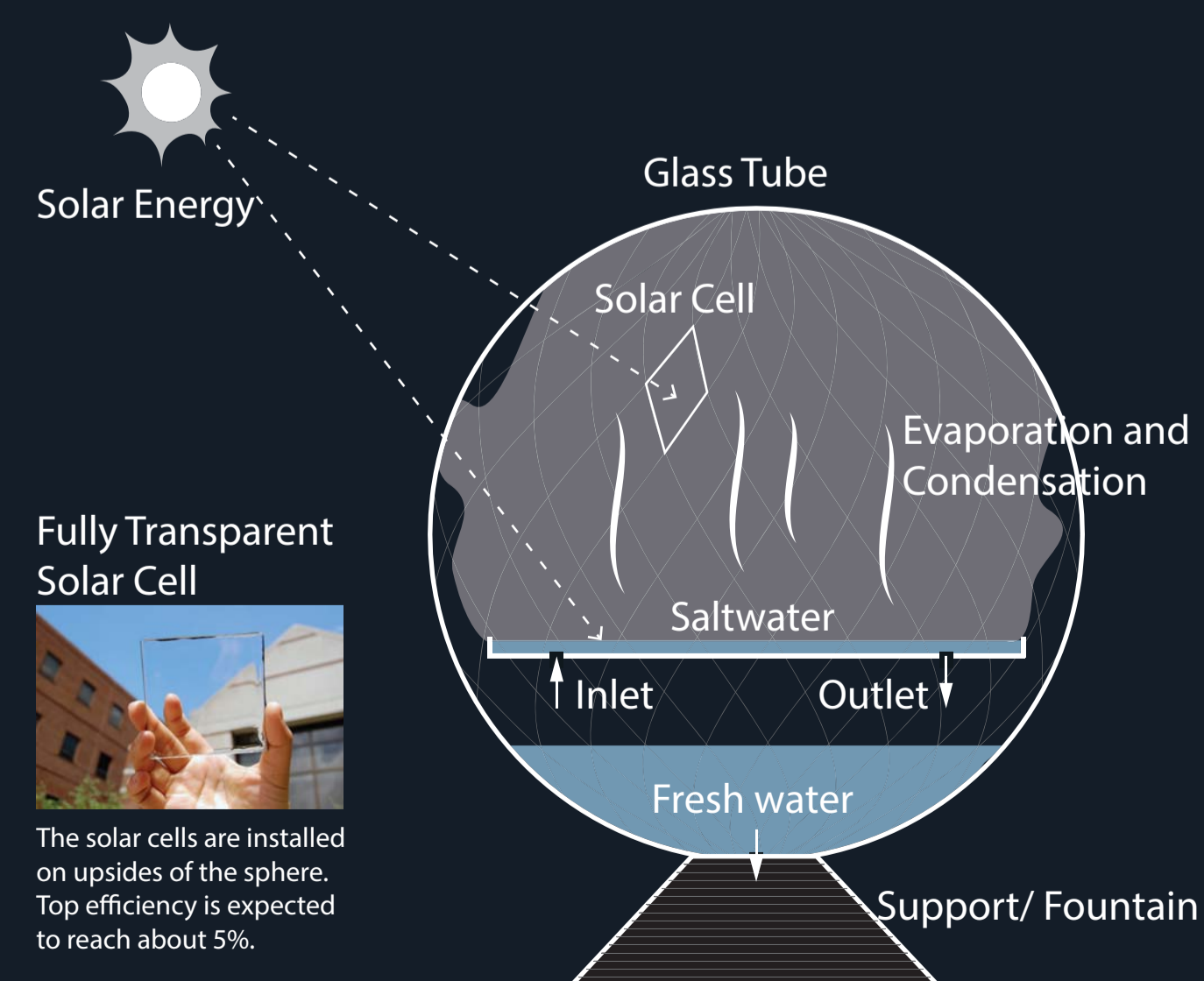
This project is basically designed to make two eco-friendly systems by using strong solar and wave power of the site. One of the systems is "the orb" which produces fresh water and electricity from the sun, and the other is "the contemplation walk" which produces electricity from the wave.

The amount of water and energy generated through these is accumulated and stored up; fresh water is about 2,200 tons and electric power is expected to be 3,820MWh per year. This is the actual amount of energy consumed annually by 424 households in Santa Monica and would be supplied to the public institutions, facilities and households nearby.

The annual productions are below.
 Electricity: Transparent solar cell + Wave power plant = 120MWh + 3,700MWh= 3,820 MWh/yr.
 Fresh water: Solar still = 2,200 ton/yr.



1. Distillation + Solar cell Orb



2. Wavepower Plant

