

Introducing 2 exclusive elements:

GREEN SPHERE

We name these kind of spheres GREEN due to their energy production and sustainable features as listed below:

1. Their size in diameter ranges from 5 to 20 meters



2. Some holes on their circumference will allow a good portion of O2 to be dispersed into the atmosphere



3. Their ingredients are soil, grass, watering surfaces and trees.

- vegetation
- lightweight soil
- filter fabric
- drainage layer
- root barrier



4. There are watering pipes adhered to our green spheres by which people can water the plants and trees. They pour water in those pipes and the whole inner ground will be irrigated by the methodical watering surface.



5. They produce vast electricity underneath

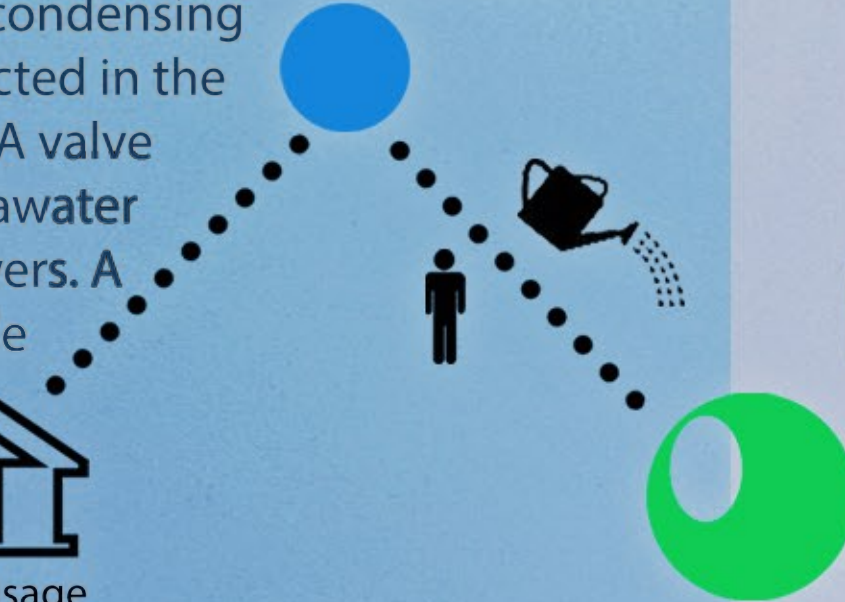
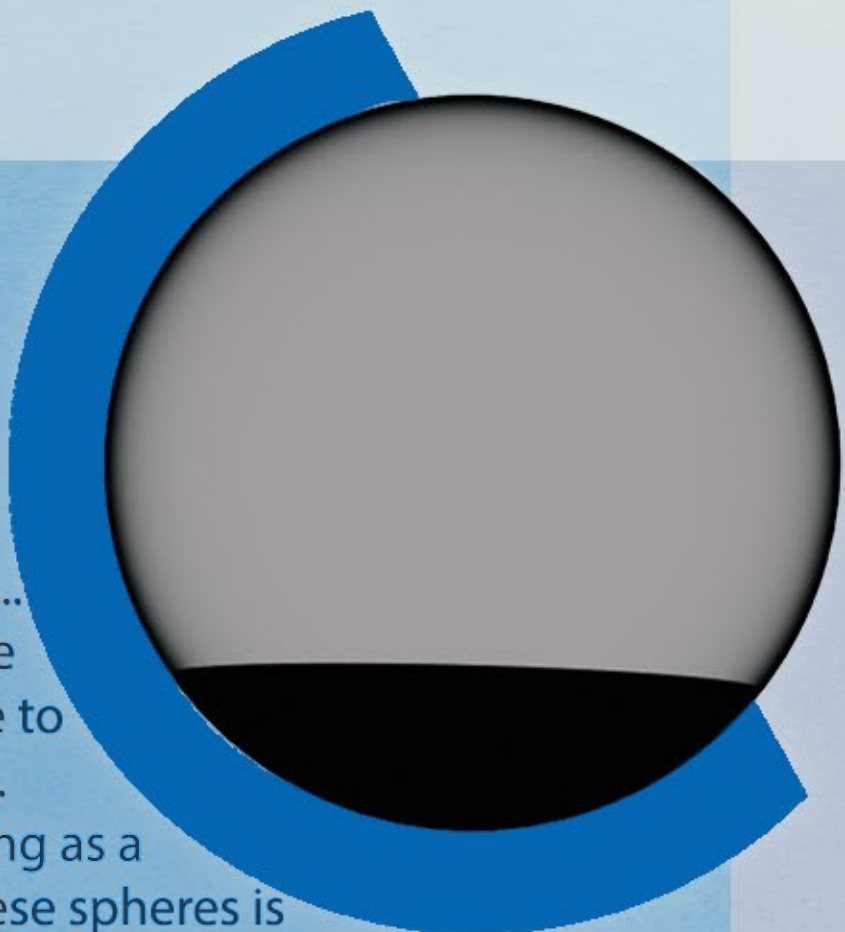


See? These spheres emit O2, produce electricity and captivate people by the nature they envelop. Their plants will be fed by the sun, and GREEN spheres give O2 back as a gift. Their plants will be watered by the audience, and GREEN spheres produce electricity and an amazing floating nature back as other gifts.

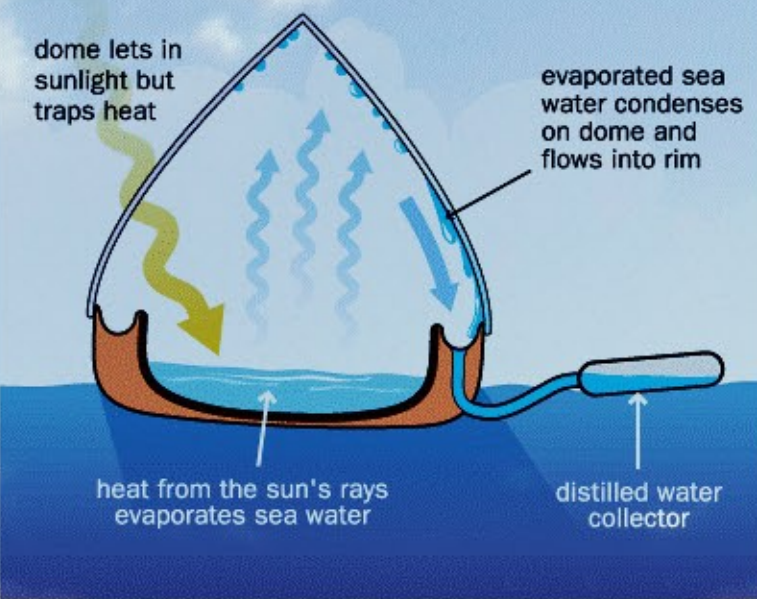
Seems like we are dealing with both nature and people... and an interaction between them...That's why we call them GREEN !

BLUE SPHERE

Another exclusive element named BLUE spheres which play 2 major roles in our project... first, it is the source of the potable water for the plants. people are able to irrigate the GREEN spheres by them. Second, they produce water by acting as a seawater still: seawater stored in these spheres is heated by the sun and evaporates, condensing on the glass membrane and is collected in the gutters on the sides of the spheres. A valve underneath automatically lets in seawater whenever the water level inside lowers. A small part of this clean water is made available for passersby to gather and water the jungle, the rest however is moved to a reservoir, created on the seafloor, ready to be transported for use. These spheres produce alot of clean water because of their large surface area for water evaporation (5 meter di- ameter).



How a seawater still works



Gorlov Helical Turbine



Water movements at the bottom of the ocean are used in this project to produce clean energy. The device in this work is the Gorlov Helical Turbine. Otne of these turbines is placed underneath each sphere, blue or green, and the water flow at the seafloor rotates these tur- bines, creating electricity. Each sphere is not only helping to produce clean energy, but also to naturally cleanse and filter the air we breathe and the water we drink on a daily basis. This vertical axis rotating tur- bine consist of three blades ro- tating around the central axis, and connected to the rotating axis in the middle.

