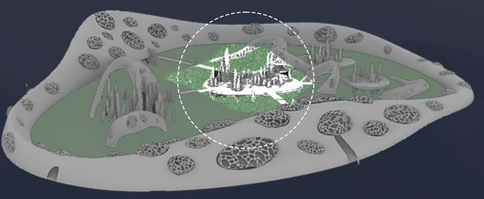
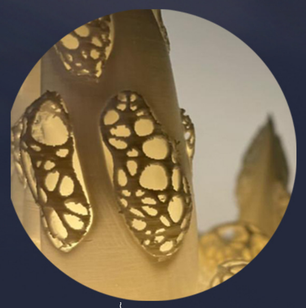


Key Plan



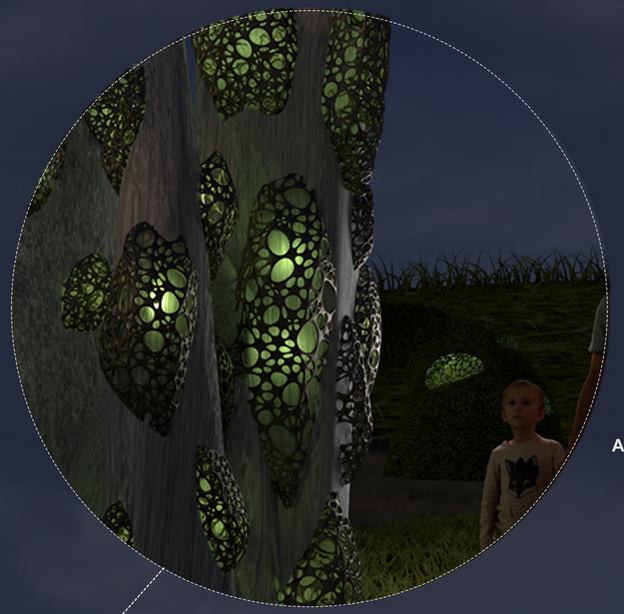
3D printed prototype

The Algae bioreactor prototype that is displayed here is a 3D fabricated model with PLA as a text subject. It is to prove that the organic shapes can be 3d printed and filled with algae to achieve the process of bio reaction and to generate energy

One bioreactor can generate as much energy to mechanically run the algae culture and to light the space. The bi products of the closed reactors are bio degradable.

Algae forests

Algae forests in public spaces is the first stage of introducing bio energy systems. The photobio reactors are self sustaining while also producing energy along with oxygen. Microalgae can produce oil from water and carbon dioxide with the help of light. About 2 kgs of Algae is required to make 1 litre of biodiesel. 1 Litre of biodiesel weighs about 900 grams



Photobioreactor