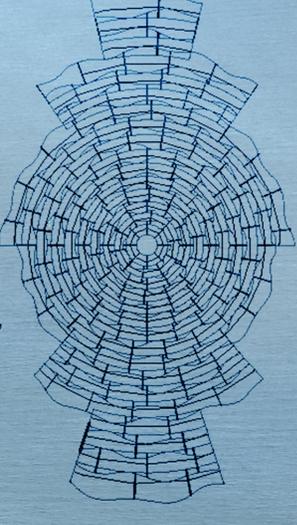
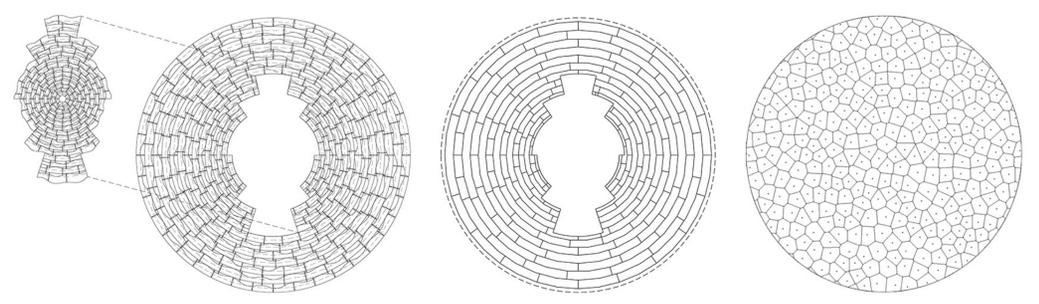


TRANSFORM  
When  
"FEEDING"

Whale Blade layer  
After Transform



Whale Blade layer  
Before Transform



**LAYER 3**  
Laminated Blades  
Periodically rotating under the wind flow, producing electricity also ripples in appearance.

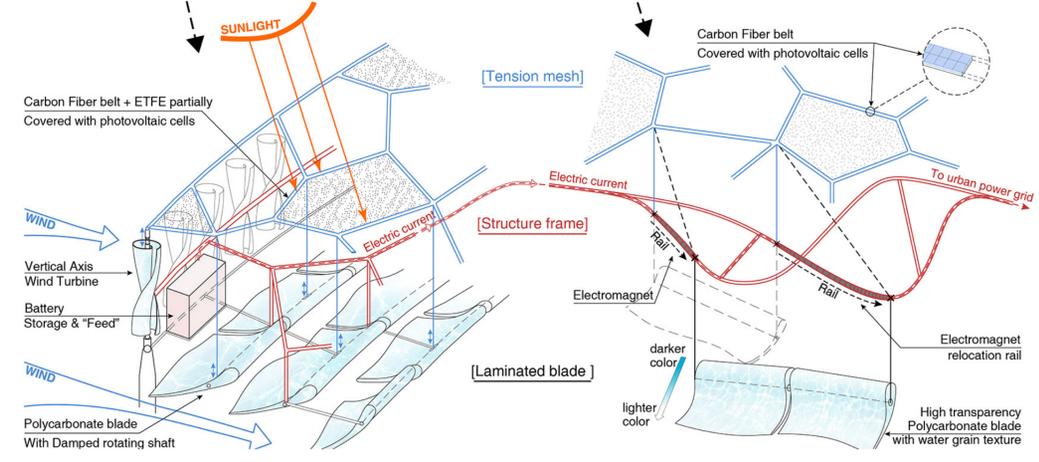
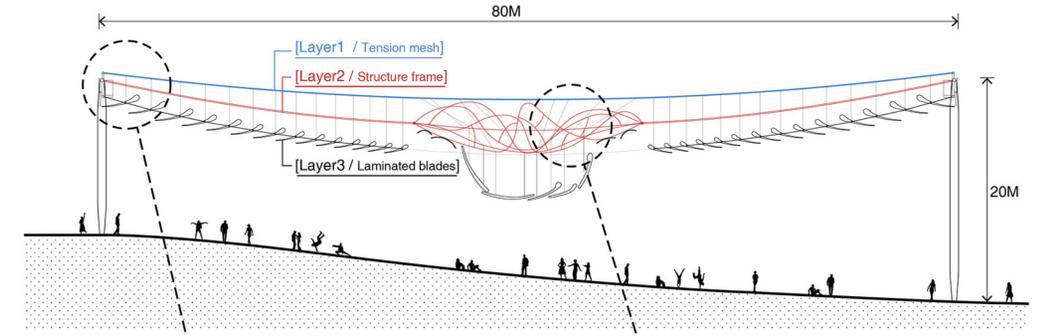
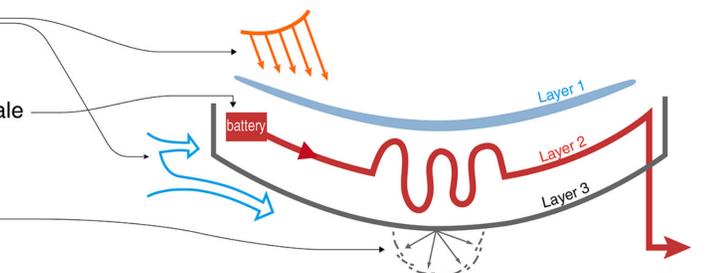
**LAYER 2**  
Structure Frame  
Support the weight of the blades underneath, also provide space for batteries and electric transmission wire.

**LAYER 1**  
Tension Mesh  
Linked with the blade layer beneath, would wave and supply horizontal tension for the ripples.

**Status 1 : Energe gathering**  
Absorbing solar and wind energy, and stored in the battery. The rotatable blades produce ripples, showing the direction and strength of the wind.

**Status 2 : "Feeding" the Whale**  
When the electric quantity stored in the batteries comes to a certain amount, it will transfer to the urban power grid, that's when the electric current will pass through the whale position and trigger transforming action.

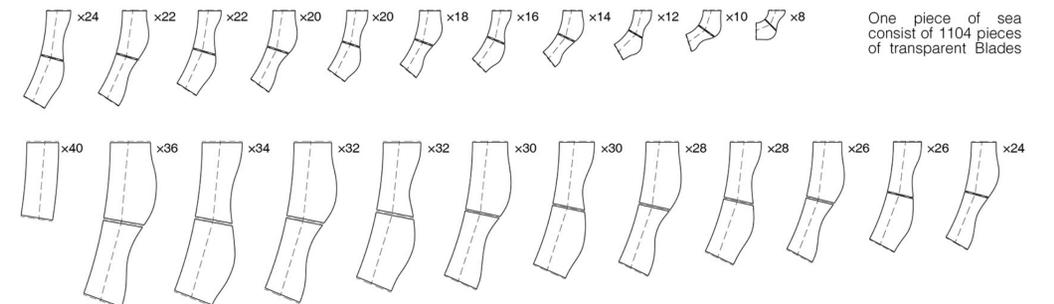
**Status 3 : Transforming**  
The electric current passing through will activate the electromagnet, which will slowly relocate the Whale-blades to certain places and forms the shape of whale. After the current transmission, the blades will recover its location automatically under the action of the spring rope.



**Status1 : Energe gathering**  
The photovoltaic cells covered on layer 1 capturing solar, while rotating blades on layer 3 capturing wind energy.

**Scene 2 : "Feeding"**  
Transmission of electric energy from batteries to urban power grid trigger the feeding process.

**Scene 3 : Transforming**  
The whale panels start relocating in sequence automatically, under the effect of electromagnet.



One piece of sea consist of 1104 pieces of transparent Blades