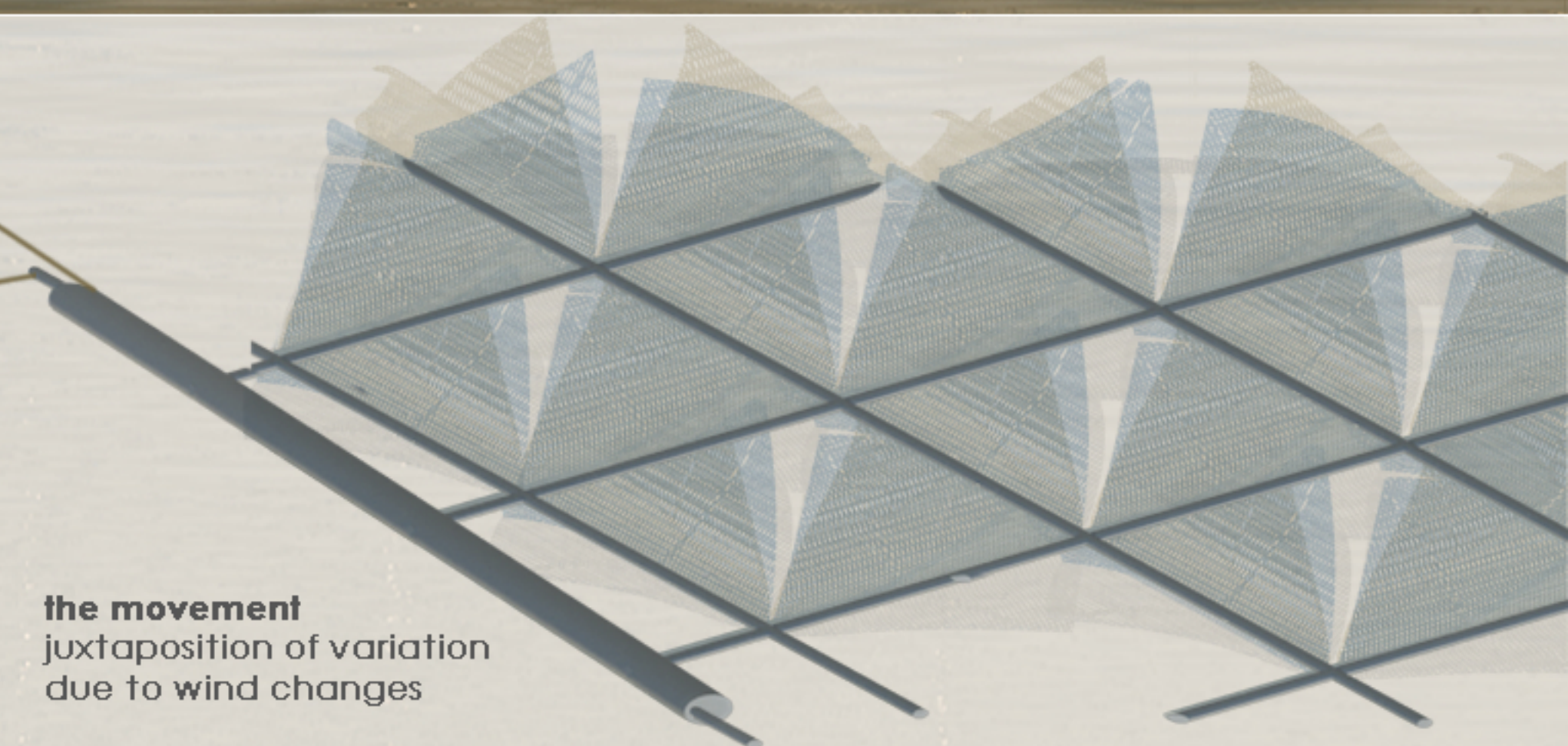
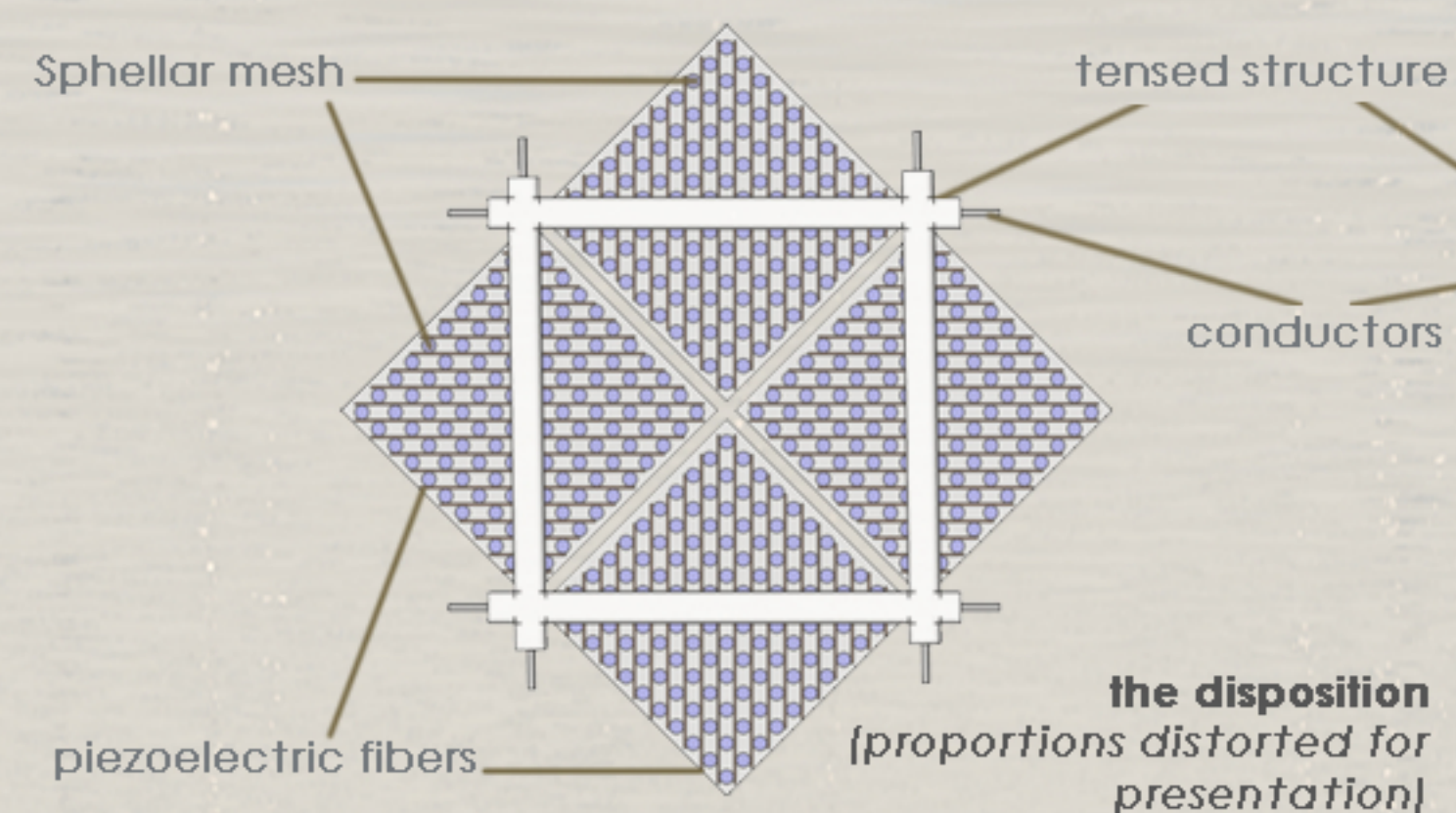


The fabric is composed of 4 types of interwoven layers. The Sphellar mesh, the piezoelectric fibers, the fabric and coating.

The Sphellar mesh is a grid of conductors that connect 3-dimensional light capturing micro spherical solar cells. They are less dependent on heat and capture light all around. On the spacing between the cells piezoelectric fibers are introduced. Each piece moves individually and due to its size, disposition and structure is more sensitive to wind and able to move more freely than other piezoelectric systems, making it a more constant generator. Finally, the fabric provides the structure for these elements to be connected while the coating will protect them from rain and corrosion.



sails

an homage to seafaring