STATIC WATER LEVEL ELEVATION WEST-EAST NTS

The installation changes throughout the day and looks different upon every visit. At times when all the arms are raised vertically, it forms an awe-inspiring forest that is majestic and surreal.

The poetic movement of the installation is a record of time, is a reflection of nature and a physical visualisation of the potential energy that is embedded within the natural environment.

Maximum wind energy harnessing capacity is reached when arms are erect / 50m above water level

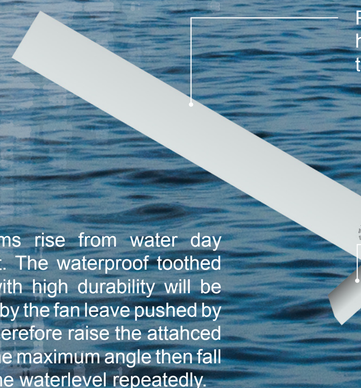
Ample distance to ensure boats can pass through

angle varies

waves

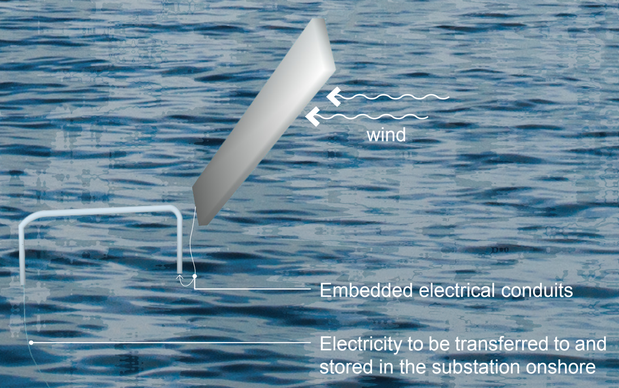
angle varies

rotation direction is set differently from one another



Giant arms rise from water day and night. The waterproof toothed wheels with high durability will be operated by the fan leave pushed by waves, therefore raise the attahced arms to the maximum angle then fall back to the waterlevel repeatedly.

An underwater fan that anchors the entire arm to the seabed is propelled by the ebb and flow of the tide, harnessing energy and gradually raising the arms from a horizontal position underwater and breaking through the surface of the ocean into an erect form through the use of a toothed wheel system.



The arms that rises above the water is made up of the solid structural arm and the lightweight tip. The inflated tips are filled with air and respond to wind conditions around the shore by its flapping movement. Like a windmill, this movement is capable of harnessing wind energy. The length of the lightweight tip is unique to each arm, allowing every individual arm to have a different range of motion.

The arms are made of materials that are self cleaning and have a matte coating to ensure sunlight is not reflected, thereby not affecting the vision of wildlife and visitors viewing the installation.