

Wavering

Wind Energy Generator

The Wavering fields provides the triangle at St. Kilda a unique experience of a living, breathing landscape. The ocean of weaving fabric creates a surreal experience, welcoming the guests to navigate the path and interact with the work.

The form mimics the surrounding region and bay, with the design tying back to the Aboriginal artwork that was unique to the area. Based on the wind strength at any given time of day, the installation can change rapidly, providing a new experience, pattern, and path through the field. Various scales were deployed to take advantage of higher altitude wind that may be blocked below. Many of the flags can be attached to their own base, or to the ground, to provide shade, cover and a refuge and quiet space for any individual. They can also be used as a personal hammock, and relaxing place to enjoy napping, reading and just taking a break from the day to unwind.

The technology behind these objects stems from piezoelectric energy and current, that when the wind catches the 'sail' of the fabric, the flexible structure of the pole oscillates back and forth to create the kinetic energy. The energy generation from a single object is relatively small, but when the several hundred acts as one, the production skyrockets.

