



We cannot direct the wind,  
but we can adjust the sails

- St Kilda has a strong and consistent wind resource with the average of 20 kmh speed
- We assume our generators can produce 150 MWh annually.
- Wind belt: 50 MWh annually
- Spring Type Piezoelectric: 100 MWh annually
- Lower the area Thermal Climate Index by up to 10 °Cs

The design could play a big role and significantly reduce the warming trend and helps with Greenhouse gas reduction over 50%.

The formation of tree planting are strategically placed at an angle so that both the westerly / southerly wind as well as the northerly wind are captured. the vegetation acts as a natural wind flap, which allows certain flexibility in adapting to wind flows from multiple direction.

As the tree become matured over time the property of the wind flaps will change and thus change the way of the sculptural movement from a more random movement to a more rhythmic movement overtime.

