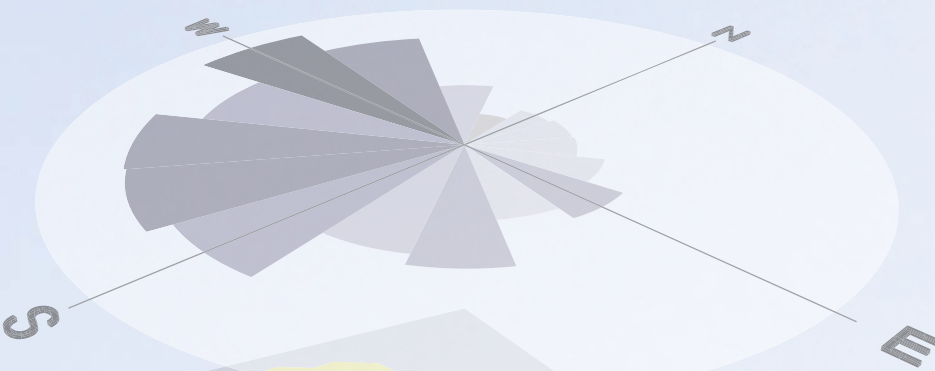


BEYOND THE WAVE



Refshaleøen has an old historical trail of being a major shipyard and is dominated by westerly winds nearby the sea. Since it served its long term role as the manufacturing plant, surrounding soil contamination is severe thus extensive purification and treatments are required for the city urban planning in order to develop the site into a farmland. Through the idea of Len Lye's diverse and dynamic kinetic art, the wavy expression of ribbons and poles create the tangible and the intangible movements through a healing environment.

Wind Rose



Soil Survey Map
(Metals and Hydrocarbons)



The allocation of the poles and ribbons are based on Copenhagen's wind rose and soil survey map. Therefore, the frequency, density and spacing between the poles are dependent on the wind strength and intensity. The placement of the poles creates a variety of spaces; especially around bus station and water taxi docks, the layout of the poles naturally defines an entry towards the open space at North inducing people towards the site.

Movement

The strength of the wind influences the varying movements of the poles; the ribbon that interconnects the poles symbolically becomes the "wave" that represents the encounter between the water and the wind. The system is sought to take advantage of solar power and the pressure caused by the movements are intended to produce energy. The site is composed of an array of poles to allow spatial settings for various human activities and movements (festival, jogging, education, etc). For this purpose, we studied arts and music as well as festivals of Copenhagen to create possible connections between the community and the site.

