

PIXELATED WIND



One of Copenhagen's most valuable assets just happens to be invisible; wind.

PIXELATED WIND strives to ignite the creative human energies by showcasing the powerful invisible force that powers the city. Situated on a site that overlooks rich Danish culture and surrounded within a changing fabric of Copenhagen's industry, Refshaleøen conveys the ideal convergence of a unique urban fabric. This site presents itself as a flat canvas, ideal for an art form that unites earth and sky. Beginning with landform manipulations, a series of mounds ripple from the center of the site, flowing into Copenhagen's harbor. Placed on top of the mounds in specific directions to harvest the most wind possible, are the windscreens. The screens are a surface of pixelations created by small, circular wind turbines. The turbines can collectively manipulate wind to produce energy, and at the same time allow for a memorable and unique interaction through imbedded LED lights that change color based on wind speed. The ever changing luminescent pixelations showcase the gathered energy and help to develop flexible-use spaces for the public community of Copenhagen and to initiate a diversity of potential spatial experiences through established "rooms" and walkways created by a matrix of large, curved vertical screens.

