WEATHER FIELD LAND (AND AIR) ART GENERATOR INITIATIVE

WeatherField is a shape-shifting energy generation park along a strip of sandy beach in Abu Dhabi between Yas and Saadiyat Islands. The park is an open public space and is capable of harvesting the abundant renewable energy resource of wind within the Middle East context. The public park offers a variety of ways to engage with climate and renewable energy, as an economic sponsor, as a visual or physical experience, and as information.

Unlike current renewable energy fields where technologies are publicly inaccessible, static, and always on, WeatherField offers a range of public engagement dependent upon wind, sun, and moisture. Energy generation becomes a public performance, dynamic, reactive, and interactive. The park is active when weather events are active, and calm when weather is calm, in each instance offering the public a compatible experiences.



AIR-BORNE ART







Long Beach Kite Festival, USA

Starling Flock, Denmark









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SIDE-ELEVATION





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FRONT-ELEVATION

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WEATHERFIELDS REGIONAL NETWORK











WeatherFields Regional Network WeatherField is a catalyst for a regional energy plan in the Middle East. The WeatherField at Yas Island is the initial phase development to spawn a large-scale re-consideration of energy in the Gulf region. With such an abundance of wind, there is considerable potential for the Gulf to be the largest renewable energy field in the world and a model for future regional planning.

Just as oil and gas operations have sought out invisible subterranean (geological) conditions for the harvest of dirty energy, the Weather Fields will seek out meteorological conditions for the harvest of clean energy. In order to symbolically transition from an oil-dependent energy state to a weather-dependent energy state, WeatherFields co-opt existing oil / gas field sites.

The regional plan proposes the decommissioning of a 20th century industrial energy fields across the Persian Gulf and its transformation into a network of 21st century public energy art parks.



