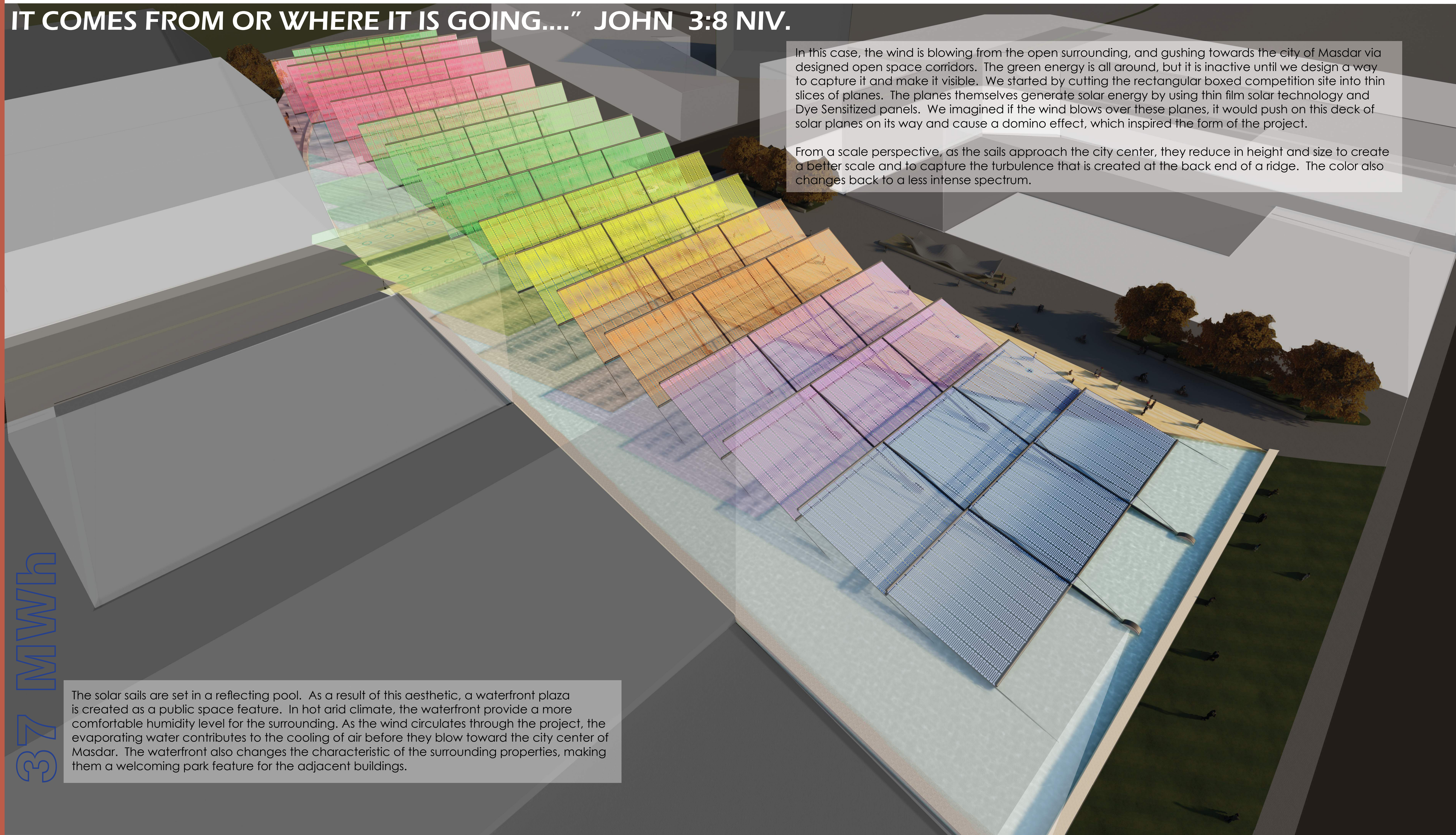


**“THE WIND BLOWS WHEREVER IT WANTS. JUST AS YOU CAN HEAR THE WIND BUT CAN’T TELL WHERE IT COMES FROM OR WHERE IT IS GOING....” JOHN 3:8 NIV.**

In this case, the wind is blowing from the open surrounding, and gushing towards the city of Masdar via designed open space corridors. The green energy is all around, but it is inactive until we design a way to capture it and make it visible. We started by cutting the rectangular boxed competition site into thin slices of planes. The planes themselves generate solar energy by using thin film solar technology and Dye Sensitized panels. We imagined if the wind blows over these planes, it would push on this deck of solar planes on its way and cause a domino effect, which inspired the form of the project.

From a scale perspective, as the sails approach the city center, they reduce in height and size to create a better scale and to capture the turbulence that is created at the back end of a ridge. The color also changes back to a less intense spectrum.



37 MWh

The solar sails are set in a reflecting pool. As a result of this aesthetic, a waterfront plaza is created as a public space feature. In hot arid climate, the waterfront provide a more comfortable humidity level for the surrounding. As the wind circulates through the project, the evaporating water contributes to the cooling of air before they blow toward the city center of Masdar. The waterfront also changes the characteristic of the surrounding properties, making them a welcoming park feature for the adjacent buildings.