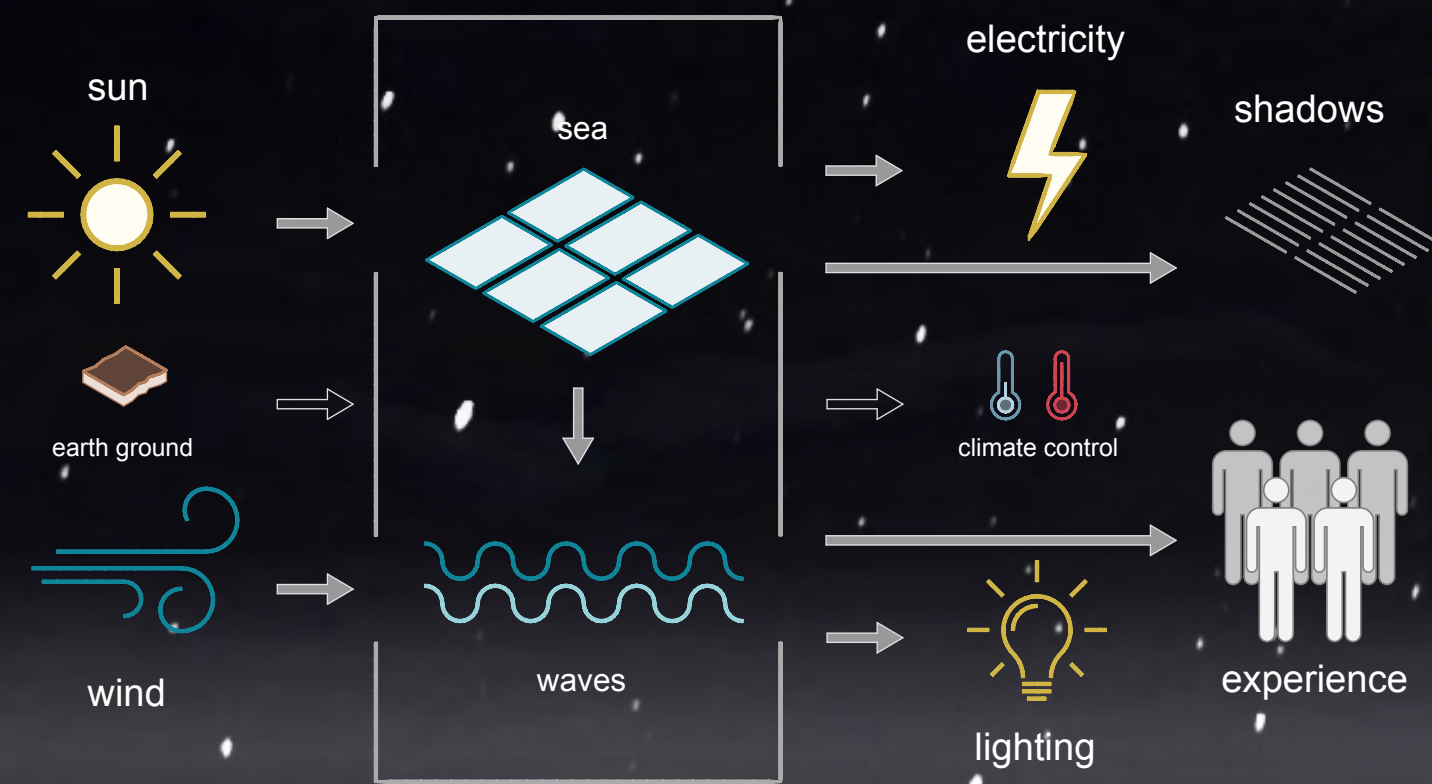
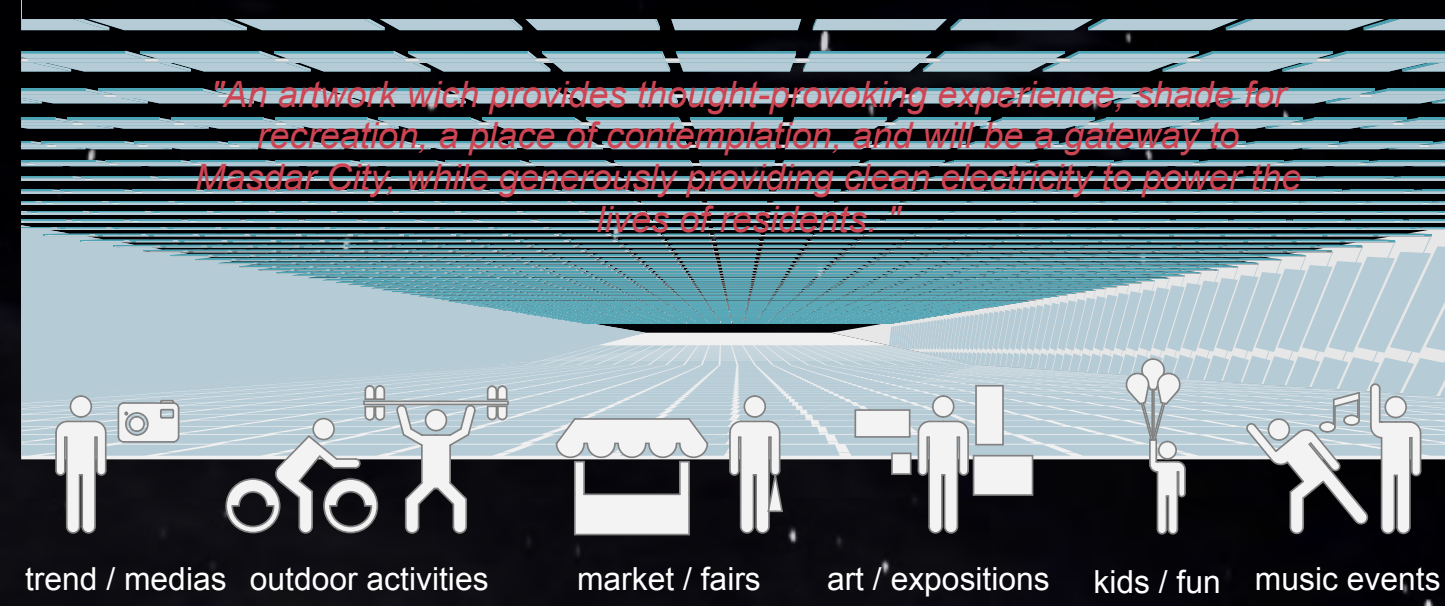


Sea of Solar

...is a landscape intervention. A stage for solar technologies. A solar canopy to gather and stay. An immersive artwork for the public to engage with light, atmosphere, movement and time.

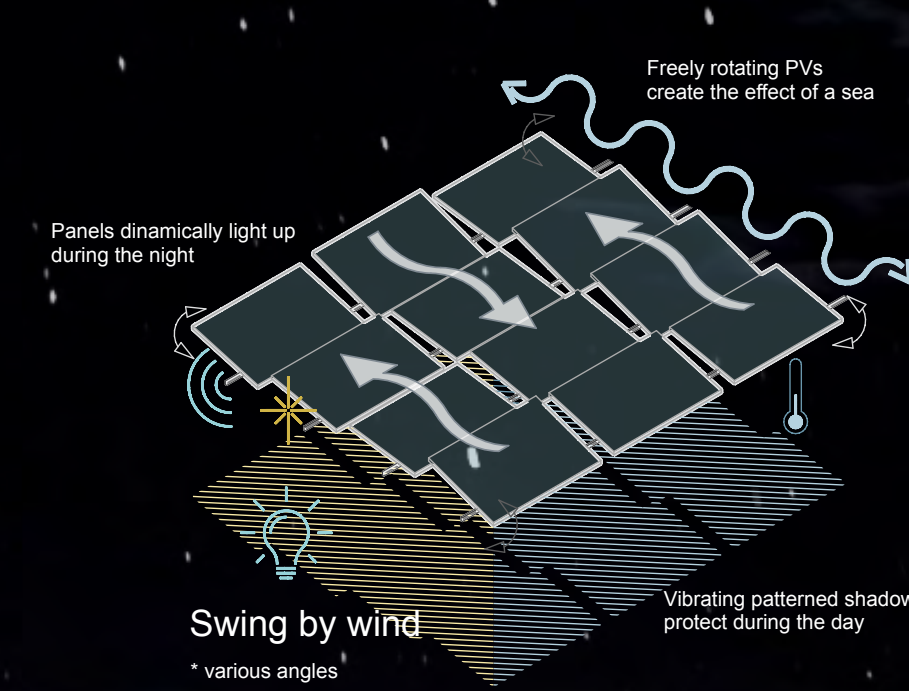
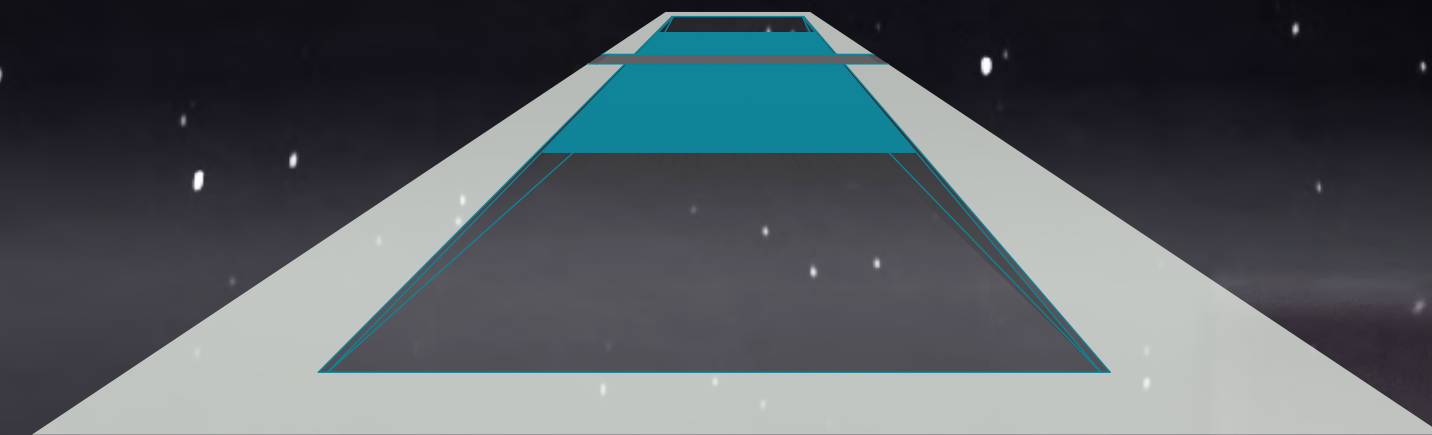


light + movement = human experience + ecological energy



A HAPPY SOCIETY

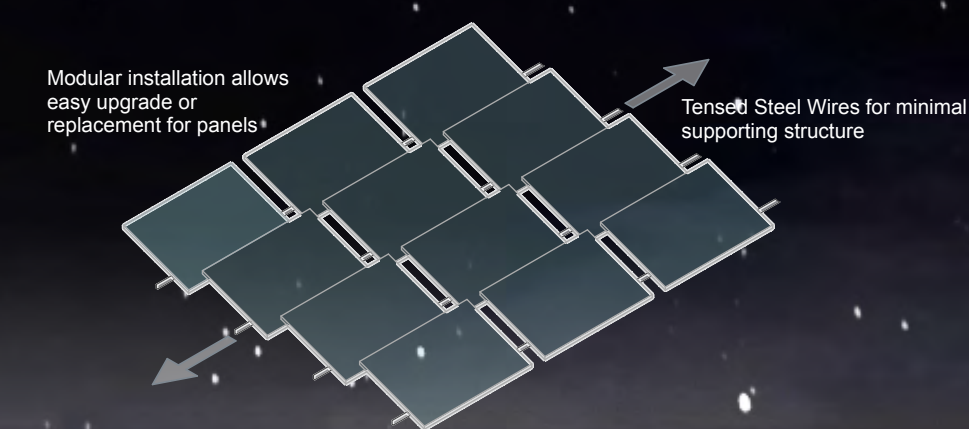
Our Sea of Solars sculpture creates a distinctive, attractive and fascinating place for the people of Masdar, Abu Dhabi and the Emirates. The sculpture is understandable, experienceable, accessible and usable. It allows people happy moments for contacts, feelings and interactions. It brings friends, families and neighborhoods together for leisure, parties, concerts, sports and games. Incidentally, it also generates electricity for light and a pleasant climate. Without any burden on the environment and without disadvantages for future generations.



Balance standstill
* angle 15*



By nights cool winds (stronger sea breeze)
* angle up to 45°

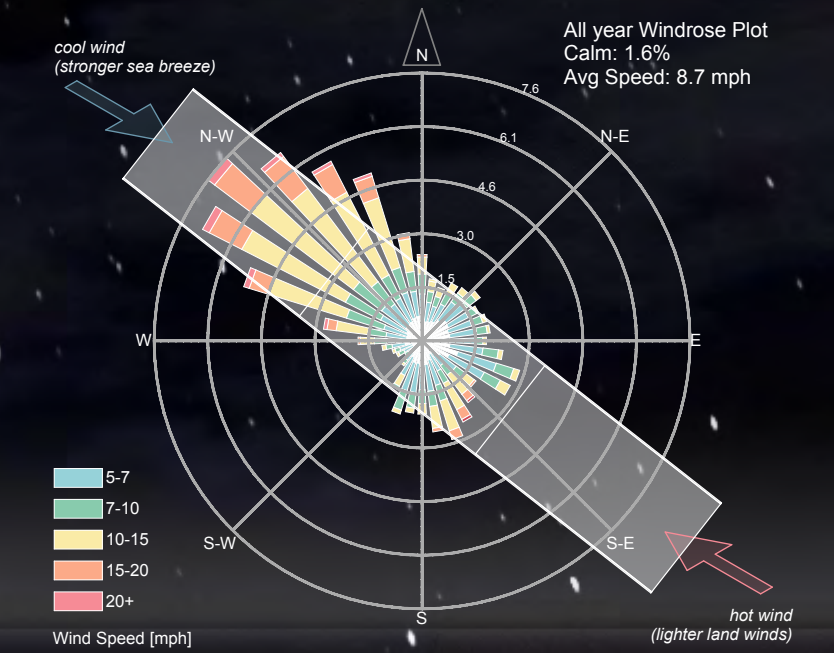


By day's hot wind (lighter land breeze)
* angle $< 15^\circ$



During the day, the panels lightly swing near the almost closed position, projecting vibrating patterned shadows of blue light. The fresh microclimate gained during the night is kept while visitors experience a visually immersive and pleasing bath, like under a sea of solars.

At night, cool sea breezes push the panels to open up to night sky, allowing air flow to enter the canopy and releasing hot air accumulated during the day. The artwork produces a lighting scene where each panel will keep changing light intensity according to turbulence intensity near ground. This luminous waving sea acts as an iconic spectacle both seen from above and underneath.



Superimposition of the intervention with the site's average wind direction and speed

