



SECOND SKY

RENEWABLE WIND GENERATOR

A piece of seemingly infinite, cobalt sky is pulled down to hover at twenty meters above the ground as a new "Second Sky". Gently levitating above the ground, this canopy converts solar energy into kinetic motion. The colossal, floating form flexes and oscillates in a smooth undulating motion, pushing pulses of air underneath to generate wind. Oriented in alignment with the prevailing wind directions, "Second Sky" also amplifies the natural wind when it flows through the site. This artificial and enhanced natural wind is pushed throughout the lush, green oases underneath the "Second Sky", which flourish under the protection of the undulating canopy from intense solar radiation and desiccation. During stagnant, sweltering hot spells, "Second Sky" generates vital, relieving winds within the site and diffuses them throughout Masdar City.

