

THE CATCHER

Desert is a unique environment that challenges humanity's ability to adapt. The Catcher project turns this challenge into an opportunity. It provides comfortable climatic conditions for users while minimizing footprint. It utilizes the available resources that include sun, groundwater, and wind. Merging ancient building traditions with modern technologies creates an effective and vibrant public space in the city of Masdar.

The Catcher is a complex of public facilities placed at the existing open lot. It consists of a number of clusters that can be built sequentially in phases. Each of them includes several earth domes arranged around a wind tower that serves as a system core, delivering cool air and desalted water into each dome, and supporting the surrounding landscaping.

The project tests a number of ground-breaking technologies of renewable energy generation and reuse, becoming a strategic asset for the city. Its unique image manifests both high-tech approach to design and vernacular sensitivity, establishes a new urban landmark, and keeps the surrounding landscape open to the public.