THE BINARY CANOPY

The Binary Canopy proposes a radical approach to public art; one respond to this specific site through a continuous dialogue with its climate that reimagines the traditional role of the designer/artist as more of an constraints and surrounding environments. In order to create a comfortable orchestrator designing a computationally processed algorithm. The design exterior climate sheltered from glaring hot days, a canopy of such strategy is to optimize the functionality of the sculpture, and therefore magnitude is necessary. Shading an oasis and botanical gardens designed relies on the capabilities of parametricism to define a canopy custom to its to cool exterior temperatures during the regionally notorious summers, home. Inspired by the local dune topographies of the U.A.E., the Binary the canopy does not only catch the eye, but also showcases the potential Canopy aims to set the precedent of an ideal marriage between form and of beautifully capturing renewable energy and balancing ecosystems. The function. The vision is to promote innovation towards renewable energy idea behind this project sparks a new approach to multifunctional canopy

