

SOLAR AVES PARK

Introduction

With Middle East hot desert climate, the project was abundant in harvesting radiant light and heat from the sun. Active solar techniques include the use of photovoltaic systems. Solar Aves Park, ensembles the force and courage, recognizing the importance of falconry in Arab tradition and culture. It features landmark where it mimics a falcon bird as its welcome sculpture and at center of amphitheater.

The Solar Aves Park

Park development comprises three sections: The Amphitheater, The link Bridge and the Sunken Garden. Main access to the site will be on foot through an elevated pathway featuring an electromagnetic pavement converting footstep into energy and data.

The Park accommodates to around 1000 – 500 visitors on peak and this allows them to experience an advance technology on data, science and energy suitability. Cafes, seating lounges, business symposium will be catered through its commercial and amenities spaces provision.

This would be an interactive recreational landmark where it showcases innovative energy production through infrastructure architecture.

1. Falcon landmark with adaptive sun tracking pvs on its wings
2. A Solar Palm PV Tree structure with pvs on its palm leaflike combined with vibration resonant wind generator
3. Electromagnetic pavement system

