

SOLAR HELIX

the Helix Shape illustrates continuous rotation, which symbolizes the conservation law of energy which is transformed or transferred from one form to another.

Masdar is an independent city with plenty of facilities. SOLAR HELIX inspired by Masdar City's dream; to be the energy source of a sustainable life. Its 'S' form is derived from the adaptation of Masdar City's Logo which converge curved lines to a center point, and developing to transfer the energy to its precincts. While these surrounding landscape are planned to function as Open Green Area. We adapt that form to its landscape so that the layout form created will be in a harmony line with Masdar City's masterplan as an integrated district.



dynamic form according to the master plan

FORM TRANSFORMATION



BUILDING CONCEPT

The building that lays beneath the solar panel installation and pedestrian pathwalk will have rooms that accommodate public activities such as exhibiton, retailing, food courts, praying area, toilets and bicycle parking area.

MATERIAL CONCEPT

The materials that applied in this object are adapted to the climate condition of Masdar City. As Masdar is located in the desert area and categorized as typically middle eastern city climate; it can be very hot during the day and very cold during the night. There are extreme difference of temperature that commonly happen daily.

