

# Concept

## Interacting with Environment

1. First objective is connecting both sites to create a sense of unity between them and the building design while allowing the existing roads and environment to infiltrate and react with the design proposal.

## Building mass as circulation

The building design explores the idea of allowing the rooftop of the building to be used as a pedestrian path taking you from the main site entrance to the main building entrance at +15m, while enjoying the scenic sculptural mass on the path that is clad with tesla solar roof tiles, allowing the visitors to walk on the material and fully engage in the sustainable energy process.

## Temple effect

To emphasize the scenic route from the main site entrance to the building main entrance we created a temple like effect where the visitor starts at the narrowest lowest point and can see the highest widest point getting closer as he walks towards the building entrance on the path.

## Inspired organic massing

We created a sculptural mass that would stimulate and challenge the minds of the visitors inspired by organic curved found in the natural environment of the desert that gives you the feeling of a lizard on a sand dune soaking in the sun rays.

## Desert Dune inspired landscape

To emphasize the metaphor of a desert lizard on a sun dune we raised the main body of the building on several levels of landscape planes resembling the curves that of what you would find in a desert.

## Masdar Inspired Axis

The overall lines and curves of the project was inspired by Masdar's concept of organic curve confined in a polygon.

# Connecting two sites

The beautiful building mass connects both sites from the main entrance of the project in the first to the main entrance of the building in the second through two different passage ways, the first is on top of the building itself utilizing the rooftop as a circulation path with tesla solar tiles installed, and the second is inside the mass where the museum actually starts, the facade is clad with solar printed parametric islamic pattern.



# Interactive Building Design

The museum was designed in a way where the mass is a work of sculptural art and all horizontal and vertical circulation elements is connected to the mass design itself, the passage from the first site to the second is created from the mass roof, the stairs from the second site to the main entrance of the building naturally occur through the curve offsets to provide the vertical circulation required to access. The passage way material used will be tesla solar roof tiles, which is a new way of using solar panel technology, where pedestrians can walk on it as it is indestructible.

