

### Layers of the Maze-dar

The maze can be deconstructed into 5 main layers including the site.



### Solar Panels

Because of the high levels of annual solar irradiance in Masdar, the main source of renewable energy is selected as solar panels.



### Batteries

The electricity generated by the solar panels is stored in batteries that are placed inside the concrete cells.

Observation Tower



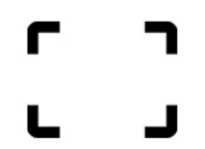
### Concrete Structure

The concrete cells bear the load of the solar panels, protect the batteries from weather conditions like excessive solar heat and provides shade for people walking in the maze.



### Energy Generating Pavement

The piezoelectric pavements generate electricity by transforming the kinetic energy created by the pressure applied on the pavements by the people walking on them.



### Site Boundary

The boundary of the site is used as a constraint for the algorithm that generates the continuous path and the fragmented structures.

