

# Central Plaza - Abu Dhabi 2019

Central space for performances, gatherings, play and discovery



We hope that the Solar Mirage will become a new attraction not just for the residents of Masdar City, but for those of Abu Dhabi and the wider region.

87.5%



12.5%



The grid of steel photovoltaic panel 'trees' will provide shelter from the sun, as well as energy. The form of the trees is derived from traditional Islamic girih patterns often found around windows and in tiling. The masterplan aims to create a walkable, engaging, environment allowing multipurpose usage. Space is available for performances, markets, and for people to sit and rest. Our photovoltaic panels will have a second function, capturing the full potential of the site by harvesting condensation at night as the temperature cools. This water will then be recycled into the microbial fuel cell towers, perpetuating this function and creating a closed system. The towers will provide a cooling effect across the site both by the inclusion of planting, and by the function of releasing mist into the plaza fed by attenuation, while also producing energy through the use of microbial fuel cells. The structures will all provide shelter from a harsh environment and create an engaging environment.