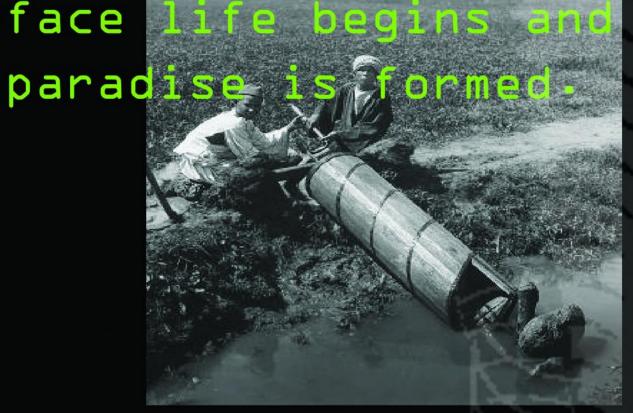
## In the Desert when water rises to the surface

And a man may well marvel at the inventiveness of the craftsman [Archimedes] in connection not only with this invention but with many other greater ones as well, the fame of which has encompassed the entire inhabited world  $\cdot$   $\cdot$   $\cdot$ 

(Translation by C. H. Oldfather in Diodorus Siculus, Library of History, Volume III, Loeb Classical Library, Harvard University Press) Cambridge, 1939.

Dubai's New Vision and Ideas for Dubai are like Water in the Desert, and have metamorphised Dubai into a fertile Paradise. Our vision for a Tall Emblematic Structure takes the action of the Archimedes Screw as a symbol of the cultural and technological fertility of Modern Dubai. The path taken by the water as it rises via a traditional Archimedes screw becomes the path taken by the lifts carrying visitors up and down along the spiral edges of the structure. Passengers take the symbolic upward path of the water from the Library and Conference facility (the womb and repository of Knowledge) to be shown a panoramic view of Dubai and its surroundings. During the journey the visitor experiences a panorama of developing Dubai and its surroundings, set within the great workings of the Universe, the rising and setting sun and





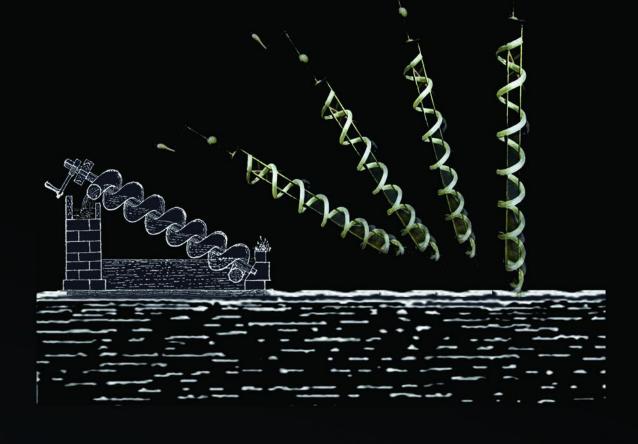
Modern Vision and Ideas are like Water in the Desert, and have

the ocean and

the

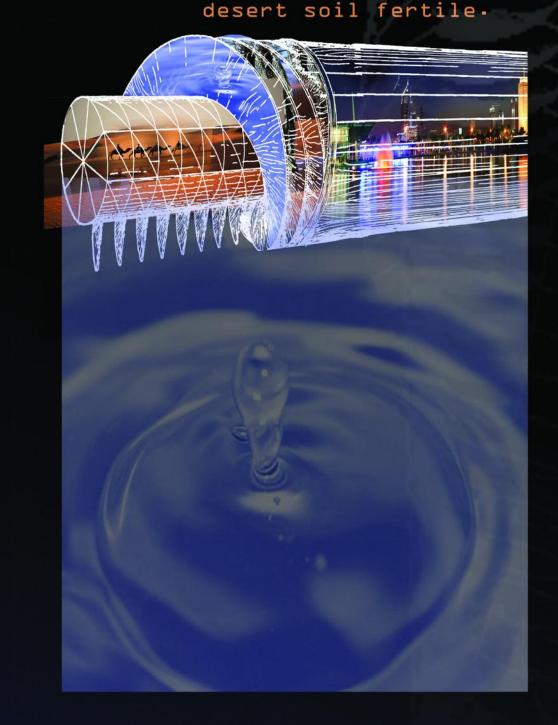
desert.

transformed Dubai into a fertile Paradise.

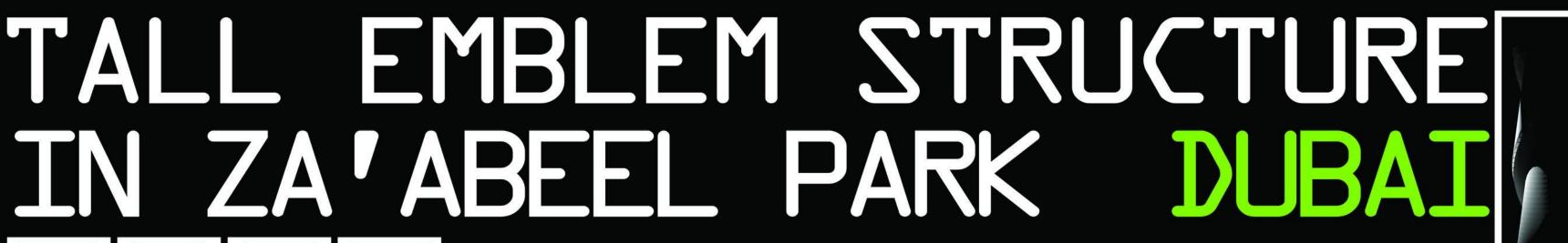


The spiral forms are also like the flowing traditional garments which protect and shade from the sun. The fluid forms both reveal and conceal, shrouded in shadows and incorporate the visitor within their own special atmosphere. The visitor moving up or down through the building is treated to an everchanging pattern of light and shadow intermixed with glimpses of surrounding Dubai, always changing because of the spiral. Upon reaching the top level, all is revealed, and the visitors can relax and contemplate Dubai cafe. from the

In the past, people with vision have inventively harnessed science and knowledge to assist their everyday lives and the development of their people. One such invention is the Archimedes Screw. The Archimedes Screw lifts (pumps) water upwards to the thirsty ground making the



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