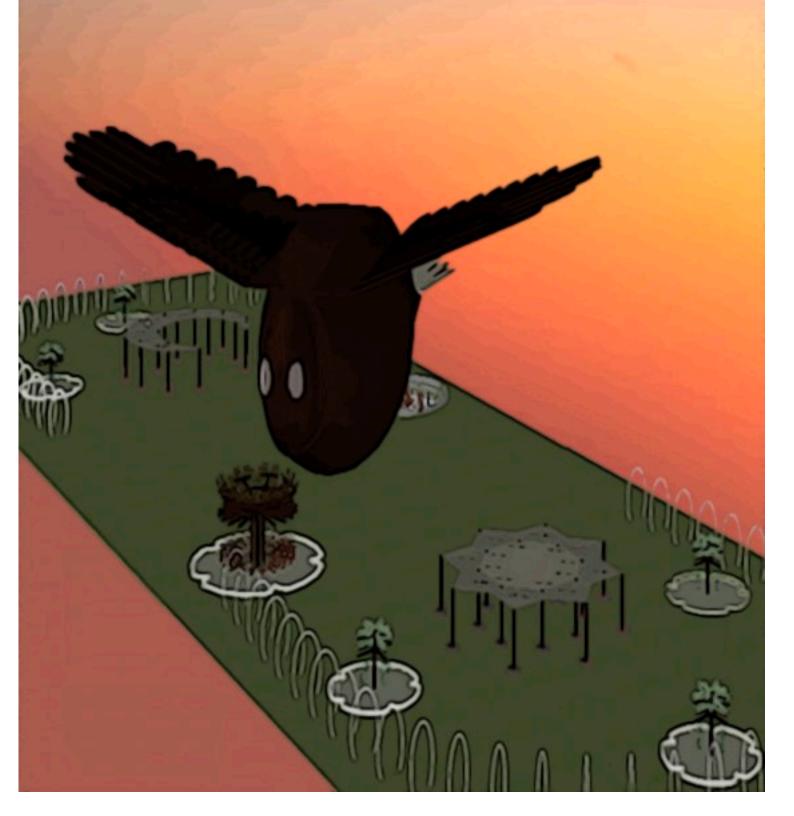
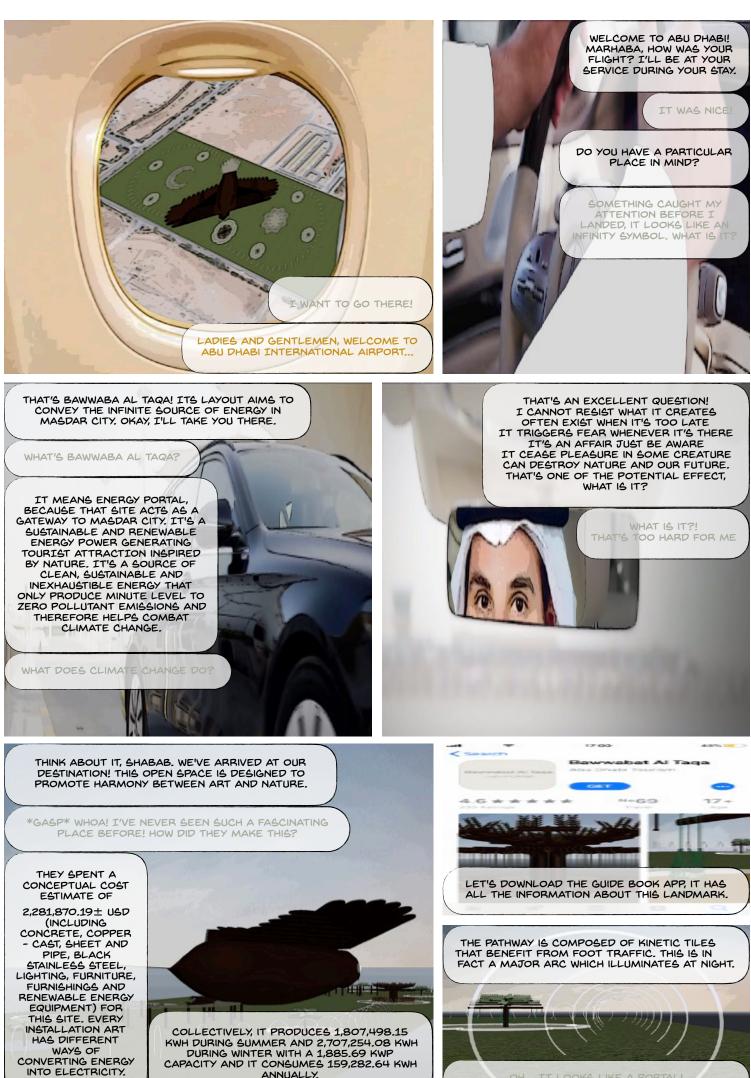
## BAWWABA AL TAQA بوابة الطاقة





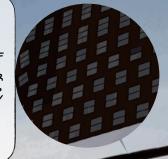
CAPACITY AND IT CONSUMES 159,282.64 KWH ANNUALLY.

LET'S START OVER HERE. DID YOU KNOW THAT BIRDS ARE EXCELLENT INDICATORS OF ENVIRONMENTAL POLLUTION? THE NEGATIVE CHANGES IN BIRDS ARE EVIDENCE OF CLIMATE CHANGE AND ECOSYSTEM DETERIORATION. THIS IS A SAKER FALCON, THIS BIRD HAS PLAYED A FUNDAMENTAL ROLE IN THE CULTURE OF UAE.

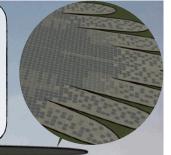
I DIDN'T KNOW THAT!

THERE ARE PHOTOVOLTAIC SOLAR PANELS MOUNTED ON TOP OF THE CANTILEVER WINGS. THE CONTOUR OF THE UNDERWINGS ARE EMPHASISED BY WARM WHITE LIGHT-EMITTING DIODE PANELS.

CAL .

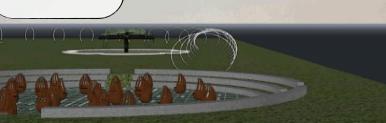


THE TAIL CONTAINS THIN-FILM SOLAR CELLS EMBEDDED ON THE FABRIC THAT PROVIDES SHADE FOR THE NEST. THE DIMINISHING DESIGN OF THE SOLAR CELLS SIGNIFIES THE GRADUAL EXTINCTION OF BIRDS DUE TO CLIMATE CHANGE. IT'S ALLEGED THAT THEY'RE CURRENTLY ASSESSING THE CAPABILITY OF VERTICAL SINGLE-AXIS TRACKING DEVICE FOR THIS SECTION TO GUARANTEE SHADE DISTRIBUTION THROUGHOUT THE DAY.



YES, THIS VENUE CAN HOST SMALL-SCALE FUNCTIONS SUCH AS CORPORATE AND SOCIAL EVENTS. A RAMP IS PROVIDED TO MAKE IT ACCESSIBLE FOR EVERYONE AND WARM WHITE LIGHT-EMITTING DIODE STRIP LIGHTS ARE INSTALLED UNDER THE BENCH TO HIGHLIGHT THE AREA.

WHAT... COOL! IS THAT THE NEST?

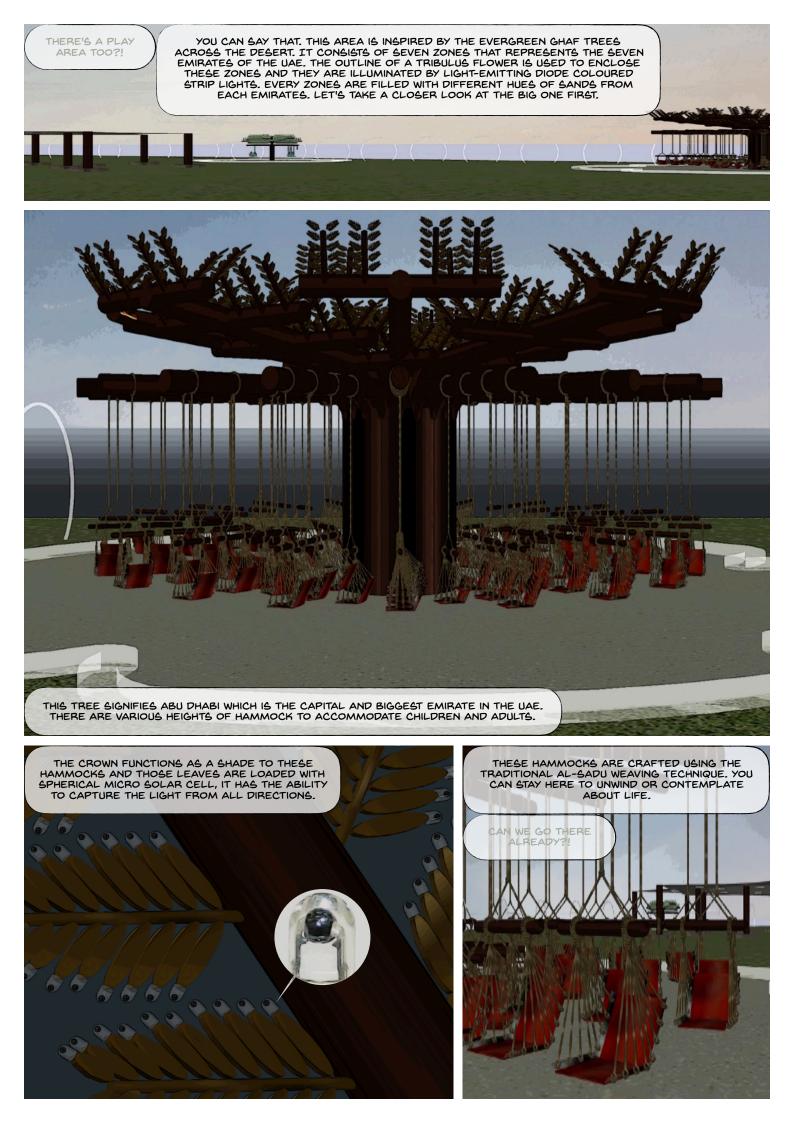


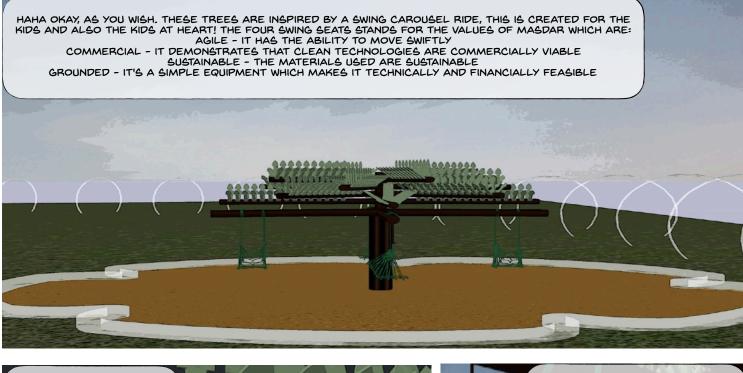
a to he for the day



LET'S HAVE A LOOK INSIDE! THE FLOOR TILES GENERATES ELECTRICITY BY HARNESSING KINETIC ENERGY FROM THE WEIGHT OF OUR FOOTSTEPS THAT COMPRESSES THE ELECTROMAGNETIC GENERATORS. THEY ALSO PROVIDED BAIDH (EGG) CHAIRS FOR ADDITIONAL SEATING.

HMM, INTERESTING ...







INDEED! ON TOP OF THAT, ALL OF THE RENEWABLE SOURCES THAT OPERATES IN HERE CAUSES LESS ENVIRONMENTAL IMPACT THAN ANY OTHER ENERGY SOURCES. LIKE THIS ONE, THIS STRUCTURE IS GOOD FOR THE WELFARE OF HUMAN AND WILDLIFE BECAUSE IT DOESN'T USE REVOLVING BLADES THAT CREATES SHADOW FLICKER.

AS WELL AS THE PHOTOVOLTAIC SYSTEM, THE LAND IMPACT FROM IT IS MINIMISED BY MOUNTING THEM ON THE FALCON'S WINGS. FURTHERMORE, THE COMPONENTS ARE STATIONED WITHIN ITS BELLY WHICH CAN BE ACCESSED THROUGH THE RIGHT LEG. IT CAN BE CONNECTED TO A POWER GRID THROUGH THE FALCON'S LEFT LEG TO THE SOIL WITH UNDERGROUND TRANSMISSION CABLE, THIS INTENDS TO ACHIEVE SECURITY AND SAFETY FROM EXTREME WEATHER.

