





## **ENERGY ANALYSIS**

EACH ONE TOWER MODULE PRODUCE 40 KW. THE WHOLE PROJECT WILL GATHER

## 400 KW

COMPARED WITH THE APPROXIMATE COST OF THE ENTIRE PROJECT (500,000DLLS) WE WILL GET A COST OF 1.25 DLLS/WATT. ANNUALLY IT COULD GATHER 1,20,000.00 KW (CONSIDERING 20 HOURS PER DAY AND 150 USING DAYS DURING THE YEAR)

## ENVIROMENTAL IMPACT

The project environment impact will be low; we will THE PROJECT ENVIRONMENT IMPACT WILL BE LOW; WE WILL CONSIDER OPEN MOST OF THE AREA OF THE PLACE, CONSIDERING THE SAND PART OF THE MASDAR IDENTITY. JUST THE CONCRETE PATHS AND THE MODULE'S FRAMES AND FOUNDATIONS. IT WILL HAVE A GOOD INTERACTION WITH NATURE, NOT CAUSING AN IMPORTANT SOUND AND ALSO FOR CONSIDERING IT SAFETIER FOR BIRDS AND PERSONS THAT THE CONVENTIONAL EOLIC TURBINES. WE PROPOSE SMALL BUT WELL-DESIGNED GREEN AREAS UNDER EACH MODULE AND THE MAIN PLAZA, CONSIDERING THE AREA AS A LOW WATER REQUIREMENT BY EACH SELF. THE MAIN IMPACT WE LOOK FOR IS BEING ABLE TO OPEN PEOPLES IDEA OF THE DAY BY DAY USE OF SUSTAINABLE ENERGIES.

## SITE FUNCTION DIAGRAM

THE SITE NOT ONLY RESPONDS AS A COMUNICATION PATH BETWEEN THE SURROUNDING SPACES IN THE AREA BUT ALSO CONNCETS ALL THE TOWERS TO CONCANETRATE THE PRODUCED ENERGY WITH THE CENTRAL AREA WHERE IT FINISHES. THE IDEA IS TO TEACH EVERY PERSON THE FUNCTIONINING. WE STRONGLY BELIEVE THAT PERSONS WILL VALORATE MORE WHAT THEY REALLY KNOW, IN THIS OCASION THE METHOD OF GTTING ENERGY FROM THE WIND.