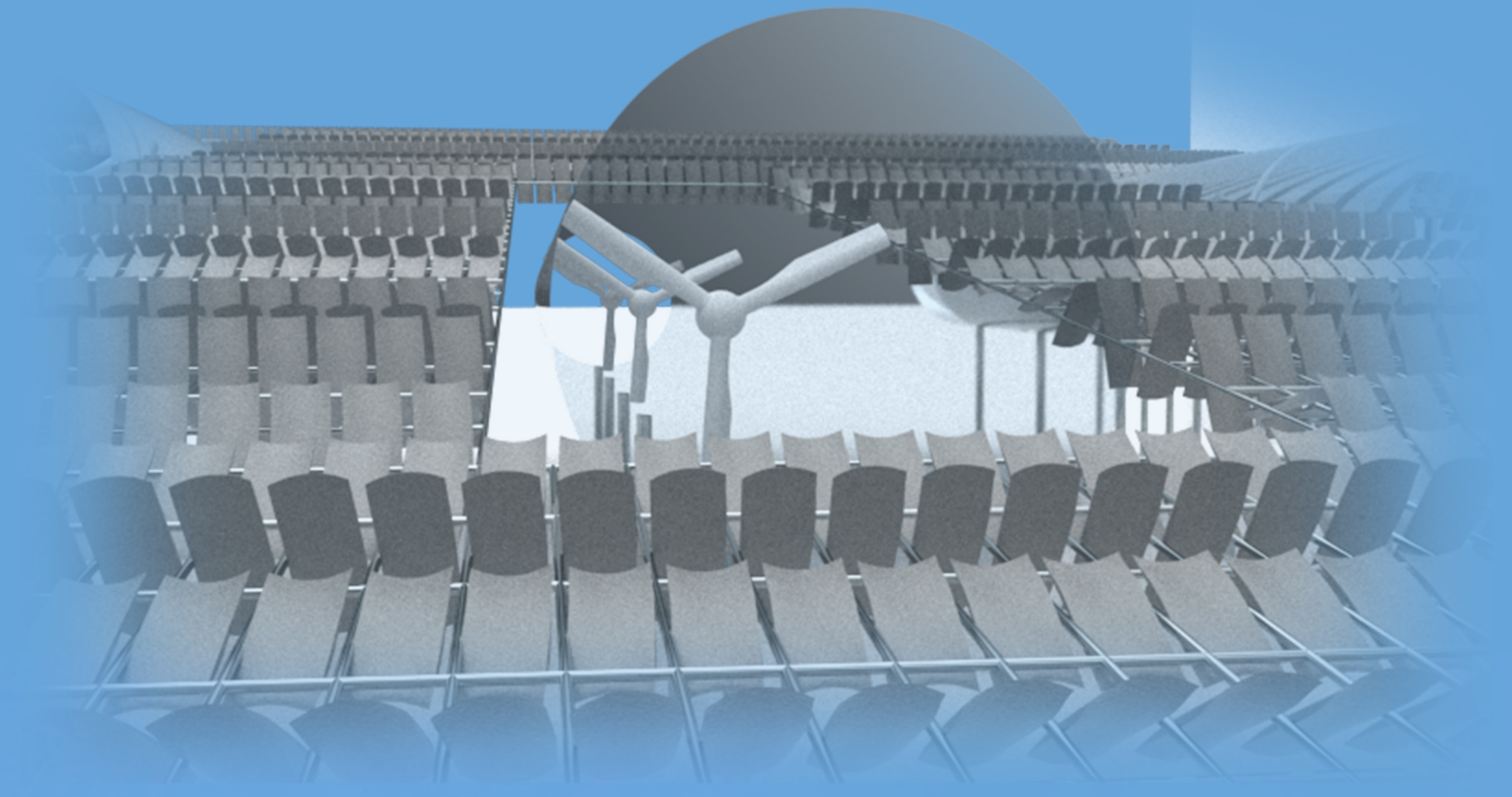


SOUND OF NATURE

The main purpose of this project is to operate as a plaza with a new look to renewable energy (especially wind power) and what to show how much energy we can produce just with wind. The ceiling wards the visitors from direct sunlight and is made of small pieces which they spin and act like turbines. There are four pipes with turbines in and many little pipes joined on. They take wind and part of it converts to energy and they let out the rest of it to cool down the area beneath. The little pipes actually act like diaphragms, as the wind comes out it makes a sound so the visitors can come and enjoy the nice shade with natural cooling and they can enjoy the variable sound that nature creates through day and night, every time of the year as long as the wind blows on earth.



The ceiling is made of almost spinning pieces and every 11000 three of them is connected to an engine. According to average wind (9MPH) speed in Abu Dhabi (around KW engine). Startup wind 1 we used .MPH 6-5 speed needed is between KW tur- 10 In pipes we have ten bines with the same startup wind .speed

