

Marius Park

Environmental impact

Our project is based in profiting wind energy that comes mostly from the north to create electricity which will be accumulated into the batteries built in the artificial mountain created with natural soil.

That means that we are installing 7 windmills or wind turbines, called "organic windmill trees" because of their shape that reminds us nature, 2 of them bigger than the other 5. The big ones are 60m high, and the small ones 45m high. Each "organic windmill tree" has nine pales.

We streamline the design of wind turbines for two reasons: according to the aerodynamics and according to the curves of the project: always looking for a tender design that makes the industrial area more natural.

In order to calculate the produced energy, we estimate each highest "organic windmill tree" produces 1 000Kw/h. The smallest ones produce 700Kw/h each.

In total we have a production of 5 500Kw/h, enough for the own usage of buildings and illumination of the whole park at night, and further enough to be transferred to the rest of the surrounding industrial area.

At night, light appears under the totality of walkways "flying roads", emphasizing the aerial sensation, and at the basement of each "organic windmill tree" to show its giant proportion.

The materials used for this project are white concrete for flat ways at ground level, white concrete and white metal for "flying roads" and pillars, and white carbon fiber for wind turbines. The tram will be yellow metal and glass. Organic materials as green grass for gardens and birch trees for the forest will complete the whole of project.

In this park we enjoy the gifts of nature mixed with technological advances, the rebirth of energy in the middle of the garden and beside the sea. We really think it is possible to live in harmony between nature and technology.

