

# Marius Park

## One plus one park (1+1 park)

The fragility of nature makes us look for renewal energies, energies that come also from nature, in order to protect our planet and future lives.

To obtain renewal energy from the nature we must create artificial machines which transform the power of nature in energy, but we aim these machines become integrate to real nature. It appears the duality of natural and artificial...

But we want our project, situated in the middle of an industrial area, to give answer to the principle of nature in the whole parts of its design. Creating Marius park, constituted by two overlapped parks designed in two different scales: an artificial park and a real natural park, we obtain 1+1 park.

An artificial organic park made up with a windmill's forest, specially designed to look like giant trees with aerial walkways running between them, which converses with a real park made up with a natural forest of birch trees, ground ways and green grass gardens.

## Two levels that respond to different objectives:

1. The highest level contains the "organic windmill's trees" (h=60m) that catch the power of wind to produce energy which is stocked up into the batteries. The main structure of windmills permits building elevated walkways "flying roads" (h=10,55m), which create a higher topography that allows pedestrians to enjoy different views of the city between branches of birch trees. These windmills, distributed in the north side of the site (60m over the ground), take benefit of strong north winds in Denmark.
2. On the other hand, the lowest level contents a designed ground elevation (mountain), also situated in the north side of the site where most natural birch trees are located, protects our park in its human scale of strong winds coming from the north. It means that Marius park is perfectly opened to the south side, taking benefit of the power, the heat and energy of the sun. This side of the park is a flat long garden which includes leisure equipment buildings as coffee shops, free library, infirmary, information office, gymnasium, toilets, technical area (batteries), etc. All these equipment areas are built-in the artificial mountain for making them more efficient and less pollutant, by profiting soil natural isolation: by opening only one face to the south to receive the rays of sunlight.

People enjoy themselves while going for a walk, playing games, sitting at terraces and using leisure equipment buildings. Visitors are completely surrounded by nature: the sunshine, the sea, the forest, the green gardens...

At the end of the park, just nearby the sea, four green islands provide contact between the water and the visitor, who enjoys fishing, lying, relaxing... or watching other visitors who sunbathe lying on the nets hanging over them, as flying in the air, under the sky and over the sea.

A small tramway connects the existing water taxi station with Copenhagen streets around our site at the north east corner exit. This little low-speed tramway is used to transport passengers as a shuttle service, but also as a sightseeing transport because of the transparency of his skin. Its design is also inspired by Marius' skin, where patches become windows to see, as long as the tramway goes by, the different views of the city.

