**«S2W»**

Annual Capacity: 3,200 MWh

Industrial water: 112,200 liters

This abbreviation is a combination of words and it reflects my idea - sun wind water, space we write, the colors at logo reflect the link with Dubai's sustainable development goals.

The main goal is to develop a project of innovative sustainable "living" international public space.

So let's start.

What about the public area?

I propose to create a public space at different levels, which will be in demand at any time of the day. According to the project design, there are retail spaces, an restaurant, a cafe, an art space and a lot more.

The peculiar form protects against adverse weather conditions: overheating, sand and wind. Including serves as a frame for caps and the fans.

Now let's talk about the technical aspect.

I propose to create an innovative "live" shell module, visually similar to the Arabic keffiyeh. It is made of the material that reduces air pollution by cars. Such a shell provides environmentally friendly energy sources and helps the environment.

The peculiar form protects against overheating, as well as from sand and wind. It also serves as a frame for caps and fans.

Imagine, once you get under the shell you will immediately find yourself in another place.

And now smart fans. The technology is very simple, it is like a flower, where several petals are connected by hinges and create a kinetic facade.

Another element of the smart facade is capsules. In contact with the direct sunlight the steam produced, at night the valves are opened for air intake and as the result water vapor condenses, and we get from 50-70 liters of industrial water.

Special membrane Saint-Gobain accumulates during the day solar energy, which gives at night. S2W "comes to life" and shines in a new way.

Each space can be used for different purposes: space for exhibitions, a platform for recreation, and in one of them there is a waterfall that uses water obtained from capsules. The whole territory is covered with a platform under which you can walk at any time of the day. The modules are located so that neither sand nor wind could get to the rest area.

As for the road in the center of the territory, a semi-submerged tunnel is located at this place. You can easily move to the second section. At the same time, the cars in the tunnel have natural lighting.

Space we write, so let's continue to write the history of the future with S2W.