**« Meeting Places »**

**Description :**

The installation is not only accumulation of abstracts sculptures placed in the surrounding landscape which produces the energy but it is the real « Meting place » for the people, who want to rest, make a picnic, admire the sea, sunset, the trees or city.

Inspiration for this installation are the aboriginal painting symbols, like meeting place, resting place, campsite with tracks.

The top view of installation reminds these symbols and the dots of aboriginal painting.

The solar artwork consists of several sculptures in the form of cupolas made of solar round panels that protect people from sunlight and at the same time produce energy. People can comfortably sit inside thanks to the wooden floor.

At night these sculptures can be illuminated inside thanks to its own energy & to allow people to do a late picnics, to make nighttime meetings.

The airy aesthetic structures placed in the landscape beautifully blend in with the surroundings, they allow you to watch the sea. By this artwork the traditional aboriginal culture that caracterise Australie has been adapted into a contemporary installation art.

The artwork is to capture energy from nature by solar round pannels on the top, cleanly convert it into electricity, and transform and transmit the electrical power to a underground grid connection in a point to be supplied by the city.

**Dimmensions & primary material, technology :**

Dimensions of one structure : base 12m diameter, high 6m, one solar pannel 1m diameter

The construction : steel tubes.

Base : wood panels.

Top, Solar pannels : plastic solar cells, steel frames.

The sollar pannels can be mid-transparent brown color and light, thanks to the new technology. Plastic solar cells (PV) are lighter and easier to install compared to the silicon solar panels that currently dominate the market.

Covering a large area in plastic is much cheaper than covering it in silicon, and as a result the cost per Watt of electricity-generating capacity has the potential to be much lower.

x1 cupola with her x62 solar panells of 1 m diameter (0,79m²) give area of 48,98m² what is comparable with the 7kWh solar system.

In Melbbourne approximatively a solar energy production of x1 structure will be 22-25 kWh/day (8030-9125 kWh/year).

The total amount of energy will depend on the number of structures that will be placed.

**Environnemental impact :**

The « Meetig places » installation has the overriding environmental impact of producing clean energy and aesthetic resting places for the people.