# P₂F ENERGY

**The designe**

The natural elements that also play a role in shaping the culture of the surrounding community, have brought st kilda up to this stage, becoming one of the favorites places in the continent of australia.

And in the last few years collaboration between the community and the parties from the government managed to make some solutive design and can answer the needs of the community also answered the needs of the st kilda triangle itself.

Design (P2f energy) does not change much the final design results, but public art work is an attempt to maximize the potential in use or visual beauty must be brought to him. The important thing is to maintain and increase the space that has become a place for long-established culture, because basically st kilda remains st kilda, it does not change but only transforms, the spirit is still the same as it used to be.

**Energy**

The natural cycle that occurs and the main activity of the human being, becomes the main source of the formation of energy. The standing pole welcomes a fairly strong wind movement in the st and surrounding areas, wind movement reaches 20km / h, potentially producing 0.4 mwh / day or about 146 mwh / year from 44 poles installation each equipped with a system called wind belt

Part of the site's surface tread sits with a photovoltec system coated with temperedglass, the coated area of approximately 3200m2, during the day the panel absorbs heat which is then converted to energy, from this system 12.8 mwh can be harvested every day in hot weather.

In addition to these 2 natural cycles (P2F ENERGY) also utilize resources from interesting sources, the resources are in the form of societal footpaths or site visitors whose potential is huge when the site is used for a large event or festival, about 1 mwh / day can be harvested in conditions like that. And on weekends the site also harvests a considerable amount of energy from the market held weekly on some sites, and on weekday it still produces while there is still a passing or activity above

SUNSET