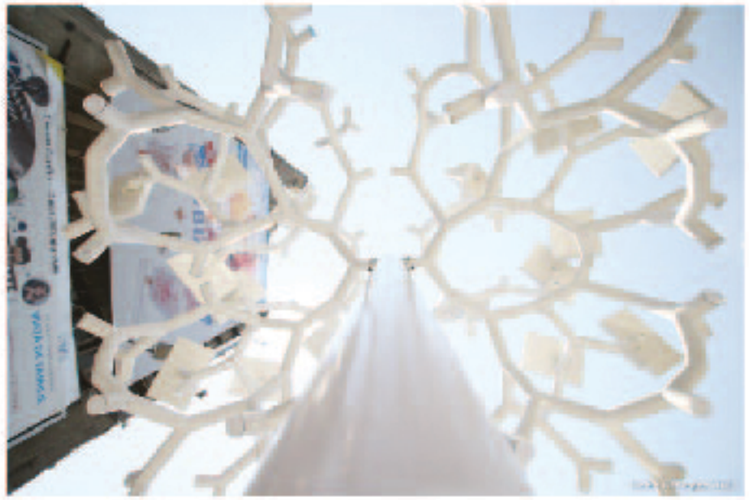

Amid four billions years evolution has sculpted nature's original design into the most intelligent and efficient energy system known to humanity. Trees constantly convert sunlight into chemical energy on the surface of the Earth. We simulated the process of photosynthesis with an adaptable arboreal design tailored in an earthy manner for an urban environment. The structure of the VTree is the tree itself verging on the innate modularity of natural tree branches.

Similarly to trees' functionality in nature, VTree becomes useful in an urban space. VTree is in itself a gadget charger, Wi-Fi hotspot, and meeting spot with nightlight and CCTV.

The world of tomorrow is fast-paced and ever changing. The energy sources society relies on currently are scarce and perishable. Finite carbon based fuel cannot respond to the society's thriving need for energy. The sun has always played a prominent role in our culture and mythology. We owe our entire existence to this celestial giant and it has been a parent to us since the dawn of time. It is time we go back to our roots and look to the sun in search of our brighter tomorrow. Solar energy is a one of the most economically potent forms of renewable energy we have. Today more than ever solar power can bring significant economic prosperity and new growth to communities everywhere. VTree not only produces solar energy for itself, but it gives back to the grid all the while helping you stay charged and connected. Furthermore, VTree is fully equipped to continue providing solar energy during unfortunate cataclysmic events.

The use of nonrenewable energy sources pollutes the environment and degrade the planet we call home. Earth is the only planet known to support life, yet carbon based fuel burdens it with fast deterioration. Air, water, and land pollution, global warming, the hole in the ozone layer are all happening fast and irreversibly. Solar energy can help reduce our carbon footprint and one day even sustain energy requirements for life as we know it. For the time being, solar power is the healthiest alternative we have for our planet. VTree does not only supply renewable energy, it also requires little maintenance and it produces absolutely no emissions.

In more than one way VTree is a modern day, next generation ener getic solution to the problems of tomorrow. Through function and aesthetics our solar tree enriches both personal and societal life and is available today. VTree is a socializing interactive installation which provides an urban pulse in a world where we have grown distant.