Amid four billion years of evolution, nature 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 this process of photosynthesis with a tall, adaptable tree design tailored in a natural manner for an urban environment. The structure of the VTee is the tree itself, merging with the innate modularity of natural tree branches.

Similarly to trees’ functionality in nature, VTee becomes useful in an urban space. VTee 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 that society relies on currently are scarce and perishable. Fossil fuel based energy 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 light 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 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. VTee not only produces solar energy for itself, but it gives back to the grid all the while helping you stay charged and connected. Furthermore, VTee is fully equipped to continue providing solar energy during unfortunate catastrophic events.

The use of nonrenewable energy sources pollutes the environment and degrades 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. VTee does not only supply renewable energy, it also requires little maintenance and it produces absolutely no emissions.

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