

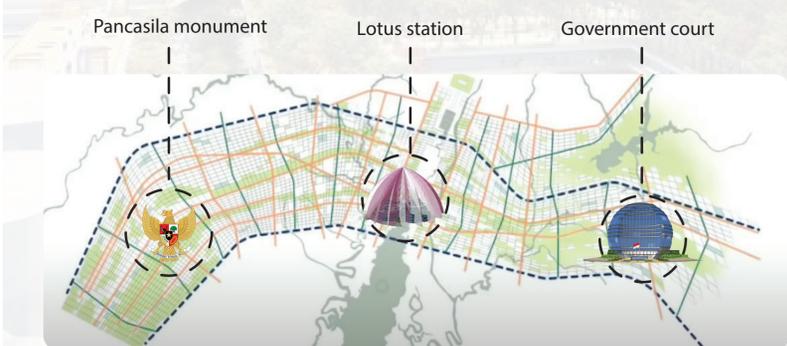


THE URBAN LANDSCAPE WHERE BETTER CITY NATURAL LIVES

Introduce

The URBAN LANDSCAPE is the core philosophy throughout the planning of our group's new capital, with the aim of restoring the ecosystem and the living environment of the people into a giant forest where people are surrounded by green trees and the integration of creatures with mixed entities and new modes of transportation blending the nature around them. Get the idea of the kelimutu national park landscape picture to show the harmony between Nature with new technologies such as AI and IoT that allows monitoring, modeling and management to preserve green spaces. Automated transport system in the direction of environmentally friendly, emission control as well as Increase certainty about the surrounding media. Get technology to prevent natural disasters.

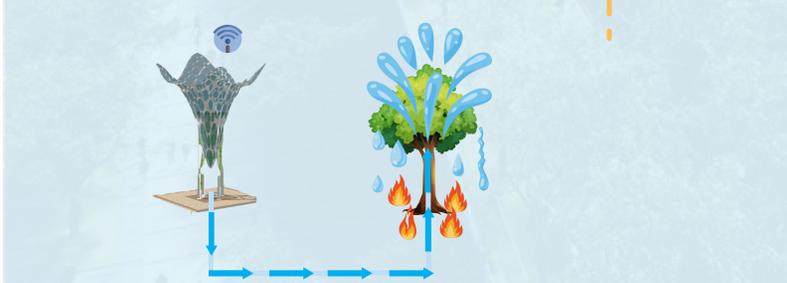
Design concept



Get ideas from the Indonesian textile industry, using pictures to sketch maps. We see the main axis as a circling line showing a characteristic brocade pattern. And there will be 3 main areas (government court, lotus station, pancasila monument) inspired by the kelimutu's mountain. Our 5 elements of city building are based on pancasila:

- * Green environment
- * Sharable System of Space
- * Connections
- * Technology
- * Traditional

Disaster prevention



Amphibious house

An amphibious house is a building that rests on the ground but whenever a flood occurs, the entire building rises up in its dock, where it floats, buoyed by the floodwater

To solve the problem of wildfires with the vast forest population of Borneo in Indonesia, we can use sensors that automatically spray water that is connected to large trees. After receiving the danger signal, the sensing device will activate and slowly brought out from the ground onto the tree trunk and then sprayed up, continuing until danger is no longer

Facilities planning

Pancasila

Sustainable Bus Stop

Made out of an aluminum base which is further sheltered with a natural lawn (both interior and exterior), it has a seat carved out by joining a few aluminum pipes, giving an impression as if they are roots of some tropical tree.

Lotus Station

For the convenience of traffic, we designed a lotus-shaped station to facilitate traffic easier. In addition, when the lotus wings are opened, robots and drones can land on this station to refuel.

Hyperloop

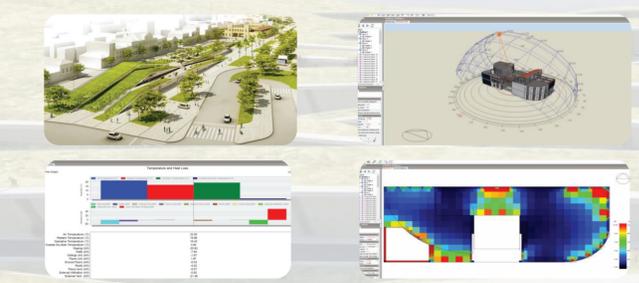
For trips with a long itinerary, we propose to use the Hyperloop. After customers book through the app, data will be sent to the server via cloud computing and select the Hyper Pod appropriate. It will be gath-

AI Guider

Playground

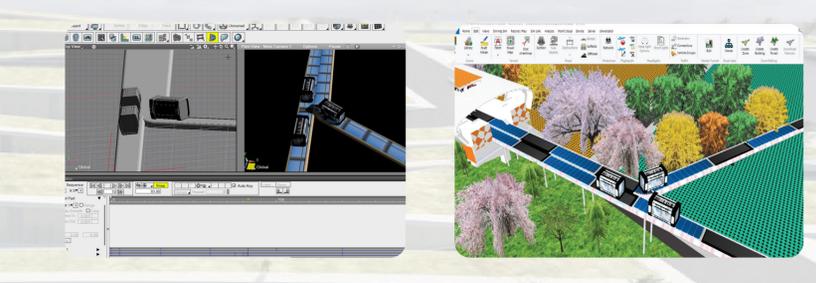
This is where everyone can entertain, experience virtual reality, immerse themselves in nature with human care facilities.

Design Builder



DesignBuilder is used to analyze and simulate the heating and cooling system and lighting to save energy. In addition, maximizing the use of natural light and green energy will help you achieve your goal to decrease carbon emissions. With this usage, we can create a more sustainable environment.

Shade3D



By the Animation function of Shade 3D, we simulate the operation and interaction in the space of animation model to create the most realistic motion.