

THE MILKY WAY

THE 13TH VIRTUAL DESIGN WORLD CUP

Day and Night Operation Mode

During the day, the transportation system connects the lives of citizens with the needs of tourists. At night, the frequency is reduced and the bodies traveling in the darkness are like stars in the sky, silently guarding the residents of Ena.

Autopilot

Utilizing autonomous driving reduces the risk of potential future accidents and lowers personnel costs. In addition, offering more customized itineraries allows everyone to experience the wonders of Ena more fully.

Water Transportation System

The water transportation system transformed from the paper umbrella-shaped water vehicle connects the relationship between people and Ena valley, allowed tourist to enjoyed the breath-taking view there.



Environmentally Friendly Vehicle

By integrating personal accessories and vehicles, reducing the carbon emissions generated by the production of vehicles and the vehicles themselves, and creating an environmentally friendly and humanistic Ena City.

Introduction

The design concept revolves around leveraging the speed fluctuations inspired by celestial bodies' motion. It creates a slower-paced exploration of Ena while incorporating the cultural symbol of the "oil paper umbrella" to establish a unique transportation system specific to the city. With mutative operational modes available day and night, individuals can fully immerse themselves in Ena's natural beauty and vibrant local culture, making for a rich and unforgettable experience.

Concept

Using celestial motion as a metaphor, cities can be likened to planets, and vehicles orbiting them are akin to celestial bodies. In the convergence of these orbits, speed variations emerge. When a vehicle approaches Ena City, known for its slower pace, it decelerates. Upon departing Ena City, it accelerates once more. This fluctuation creates a distinct experience for citizens returning home, allowing them to savor their hometown's unique atmosphere, set apart from the bustling city.

Monument Restoration

The appearance and information of the historical monuments are presented in the form of holographic projections, allowing users to experience Ena in different timelines.

Big Data Integration

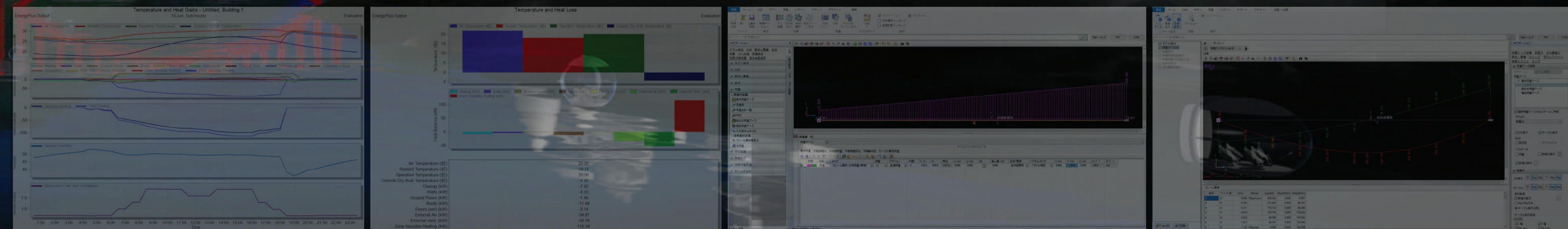
Using the central server to collect the user's usage habits, and learn through the AI learning system, automatically update the hardware and software to provide optimized services to future users.

XR Perservation

XR Tecnology recreate the past lives of the Ena people, provide insight into local cultures and stories in the experience, and use XR to preserve cultural resources and promote education.

Oil Paper Umbrella

Using the "umbrella" as a conceptual development vehicle, the concept continues its own versatility by converting the "umbrella" into a ground and water vehicle to more flexibly guide the user through the different scales of Ena.



Temperature and Heats Analysis

Bridge Loading Analysis