

The Vertical Trace

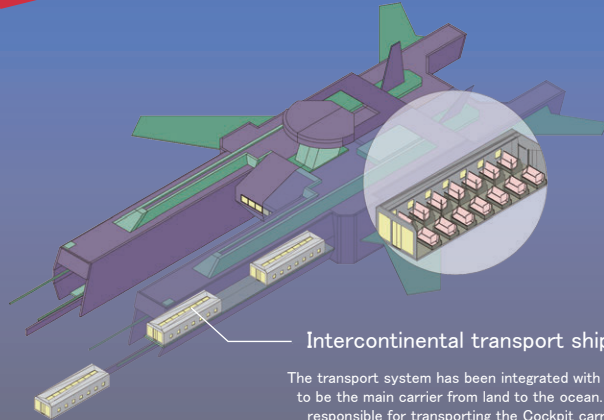
— The 15th Virtual Design World Cup

Introduction

This project presents a blueprint for future urban transportation and services. From the International transport ship to the Cockpit carrier spacecraft, then to the Receiving station, Urban international park, and Entrance art, the entire system is seamlessly connected through intelligent design. This allows travelers to reach their destinations quickly and conveniently while enjoying the services of the city.

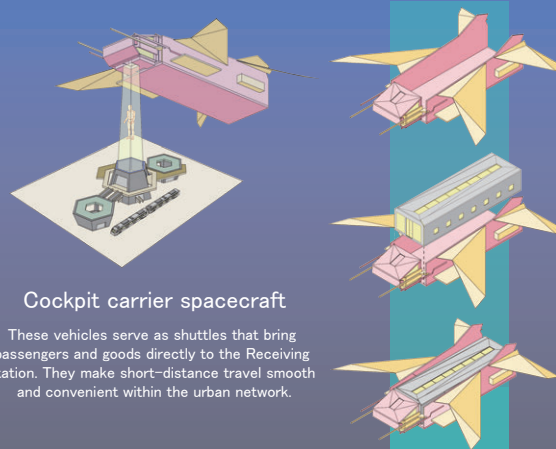
Concept

The design centers on a multi-layered transportation network and intelligent mobility. The International transport ship delivers vehicles to the Receiving station, while the Cockpit carrier spacecraft handles passenger transfers. Interactive service machines provide VR devices to enhance interactive experiences. Urban international parks and Entrance arts are distributed throughout the city, offering services to both residents and visitors. Transfer stations connect different vehicles, creating a flexible urban mobility system that combines transportation efficiency with a human-centered experience.



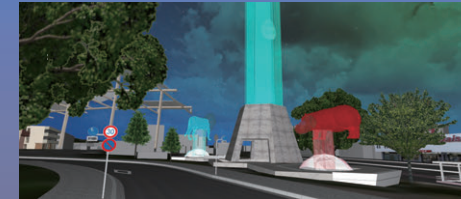
Intercontinental transport ship

The transport system has been integrated with a unit to be the main carrier from land to the ocean. It is responsible for transporting the Cockpit carrier spacecraft and cargo carriers to connect different parts of the city.



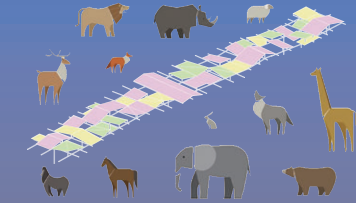
Cockpit carrier spacecraft

These vehicles serve as shuttles that bring passengers and goods directly to the Receiving station. They make short-distance travel smooth and convenient within the urban network.



Entrance art

Information spaces allow people to easily access guidance and cultural content. They break down language barriers and provide an immersive way to explore the city.



Entrance art

Intercontinental transport ship

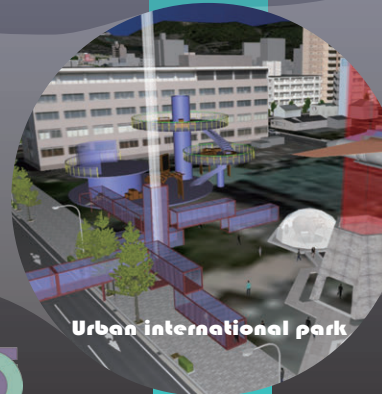


Cockpit carrier spacecraft

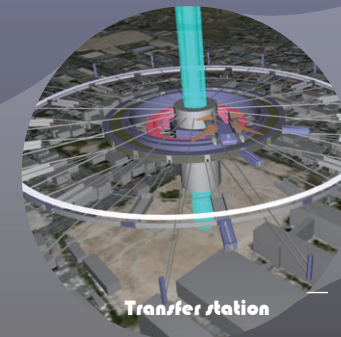


Receiving station

Cockpit carrier spacecraft



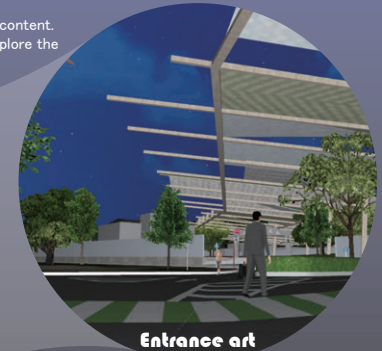
Urban international park



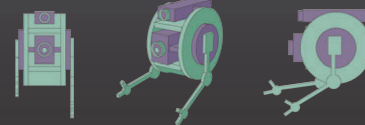
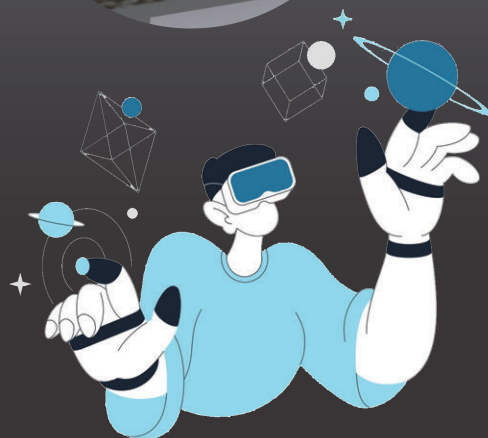
Transfer station

Transfer station

Designed as hubs for vehicle transfers, these stations enable the transport system to reach different destinations seamlessly across the city.



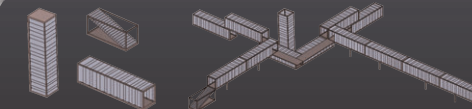
Entrance art



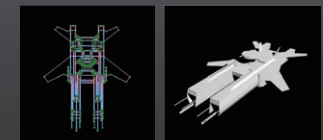
Interactive service machine

Interactive service machine

Micro-scale robots provide travelers with VR guide devices. This enhances communication and interaction, offering a personalized and smart travel experience.



Urban international park

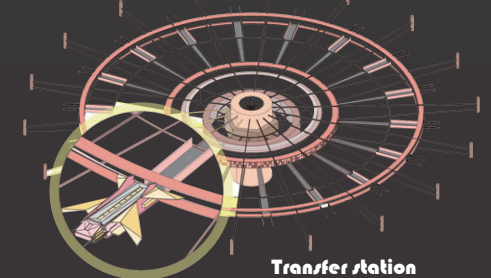


Engineer's Studio

Shade3D

Receiving station

As the hub of the entire system, the station connects with transport vehicles to handle the arrival and departure of passengers, ensuring efficient mobility.



Transfer station