

VDWC2023 - 0052 - RE-EARTH

ECOMOTE

ENA CITY VIRTUAL SUSTAINABILITY:
CRAFTING A MODERN AND ECO-FRIENDLY METAVERSE

DESIGN CONCEPT

THE CITY'S NAME IS INSPIRED BY THESE THREE ELEMENTS, EMBODYING STRENGTH AND STABILITY LIKE A THREE-LEGGED STOOL.



OUR VISION COMBINES URBAN MODERNIZATION WITH THE PRESERVATION OF ENA'S TRADITIONAL IDENTITY. BY HARNESSING VIRTUAL TECHNOLOGY (METAVERSE) AND PROMOTING GREEN ENERGY, WE ARE BUILDING A SUSTAINABLE CITY THAT ALSO ADVANCES TRANSPORTATION, INCLUDING AUTONOMOUS VEHICLES. THIS APPROACH ENABLES A MEANINGFUL LIFE FOR THE ELDERLY AND MODERN LIVING FOR THE YOUTH, WHILE BOOSTING TOURISM. ECOMOTA CITY EMBODIES THREE CORE PRINCIPLES: ECO-FRIENDLINESS, MODERNITY, AND TECHNOLOGY. ALONGSIDE THIS, THE META-CITY BESIDE THE RIVER RETAINS GIFU'S TRANQUIL TRADITIONS AND ORIGINAL VEGETATION.

ECO-FRIENDLY



THE CITY IS DESIGNED TO MAXIMIZE NATURAL LIGHT THROUGHOUT THE DAY AND FOLLOWS A LAYERED STRUCTURE, ALLOWING FOR EFFICIENT AIRFLOW TO REGULATE THE ATMOSPHERE.



LAYER LANDSCAPE



WATER TURBINE WIND TURBINE SOLAR PANNEL

THE CITY USES A NETWORK OF GREEN ENERGY SOURCES, MAXIMIZING NATURAL RESOURCES LIKE WIND, WATER, AND SOLAR POWER.

MODERNIZATION



OUR FOCUS IS ON ECO-FRIENDLY VEHICLES, INCLUDING ELECTRIC AND SOLAR-POWERED CARS. WE ALSO AIM TO INTEGRATE AUTONOMOUS VEHICLES AND A COMPREHENSIVE MOBILITY AS A SERVICE (MAAS) PLATFORM. THESE VEHICLES CAN EASILY ADAPT TO VARIOUS TERRAINS, INCLUDING LAND, WATER, AND AIR.

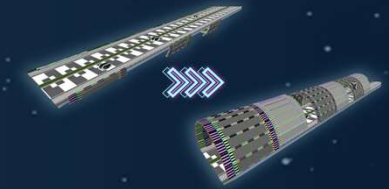


LOTUS PARKING

SUPER DRONE

TESLA CHARGING

MODERN INFRASTRUCTURE SURROUNDS THE CITY, INCLUDING UNIQUE LOTUS-SHAPED PARKING LOTS, WIRELESS TESLA CHARGING STATIONS, AND AUTONOMOUS DRONES FOR TRAFFIC SUPPORT.



MODERN ROADS INCORPORATING MAGNETIC PRINCIPLES WILL ENHANCE THE SPEED OF AUTONOMOUS VEHICLES

TECHNOLOGY



THE SYSTEM OF 3D IMAGE TRANSMISSION POSTS IS ARRANGED AROUND THE CITY, CONTROLLED BY IOT. TRIANGULAR SENSORS CONNECT AND PRESENT ELEMENTS THROUGH VR GLASSES, IMMERSING TOURISTS IN A COLORFUL WORLD WITH DIVERSE NARRATIVES IN THE META VERSE.



FLYING ISLAND

ANIME WORLD

INFINITY RACE

FANTASIC TRADITIONAL VR LIGHTING SHOW

THE CITY, STYLED IN THE META VERSE, OFFERS DREAMLIKE EXPERIENCES LIKE TOUCHING AND FEELING OBJECTS FROM FAVORITE ANIME, ADRENALINE RUSHES ON THRILLING INFINITY RACETRACKS, AND SKYWARD ADVENTURES TO ISLAND WITH FLYING AUTONOMOUS.

WHAT'S PARTICULARLY SPECIAL IS THAT TRADITION IS STILL PRESERVED, WITH NIGHTTIME LIGHTING SHOWS THAT WILL CAPTIVATE EVERYONE. ALL OF THESE ELEMENTS COME TOGETHER TO CREATE AN ASTONISHING WORLD

FORUM8

UC-winRoad

Engineer's studio

Shade3D