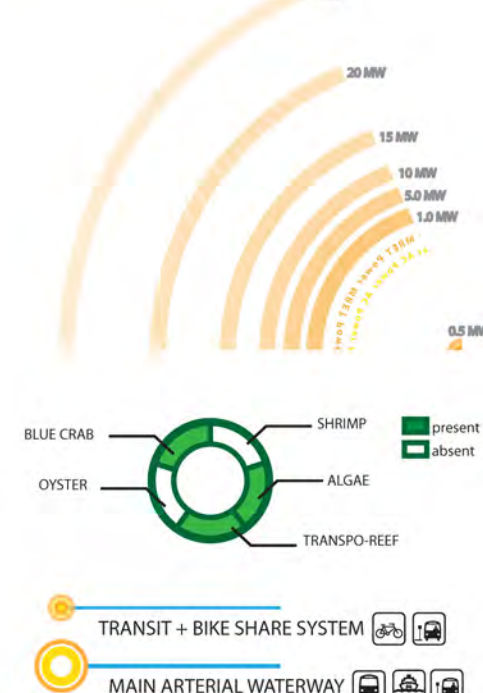
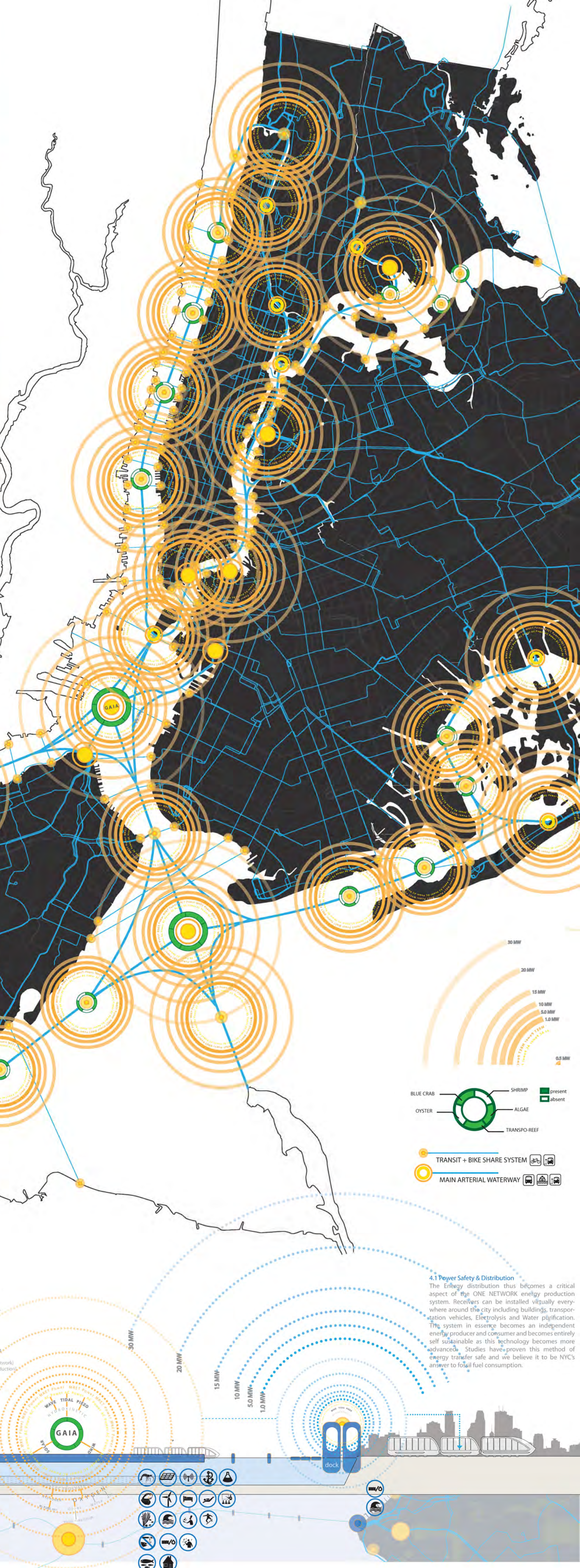
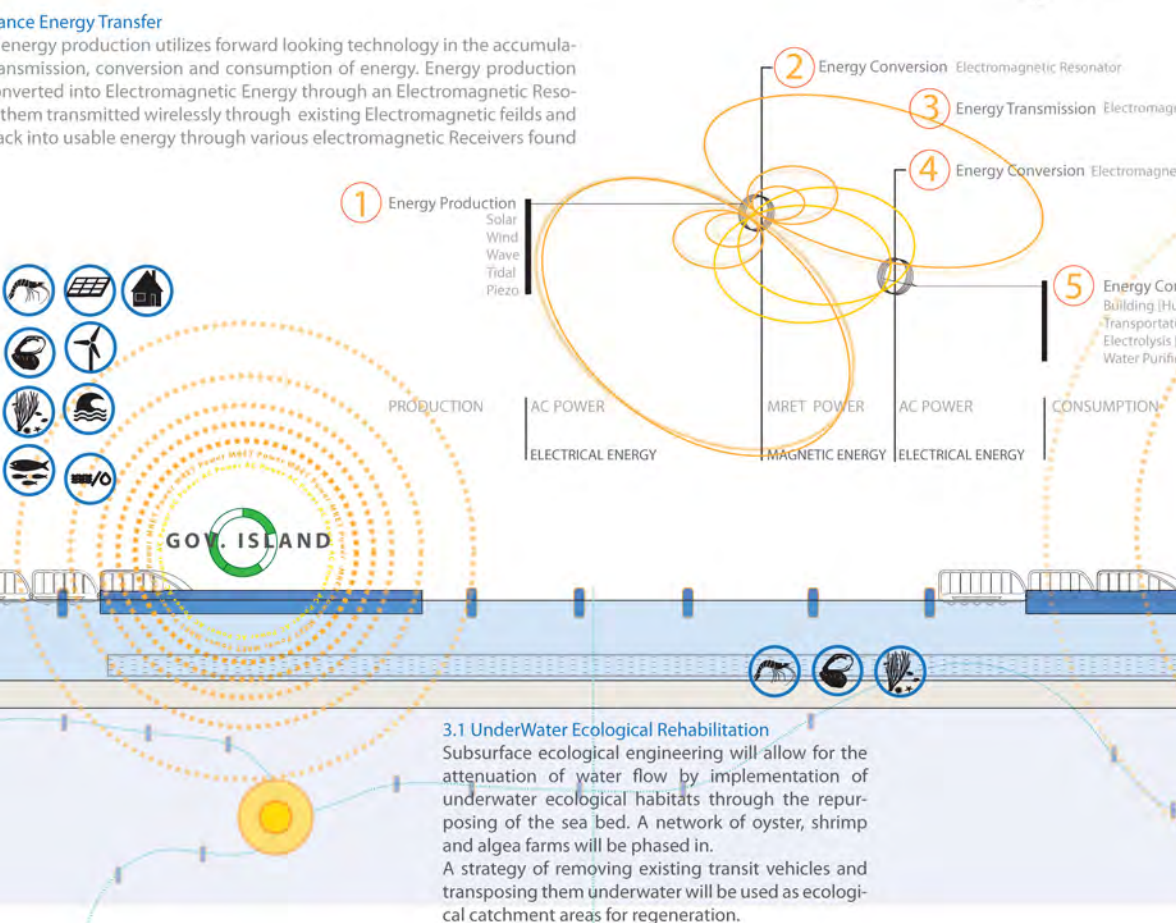
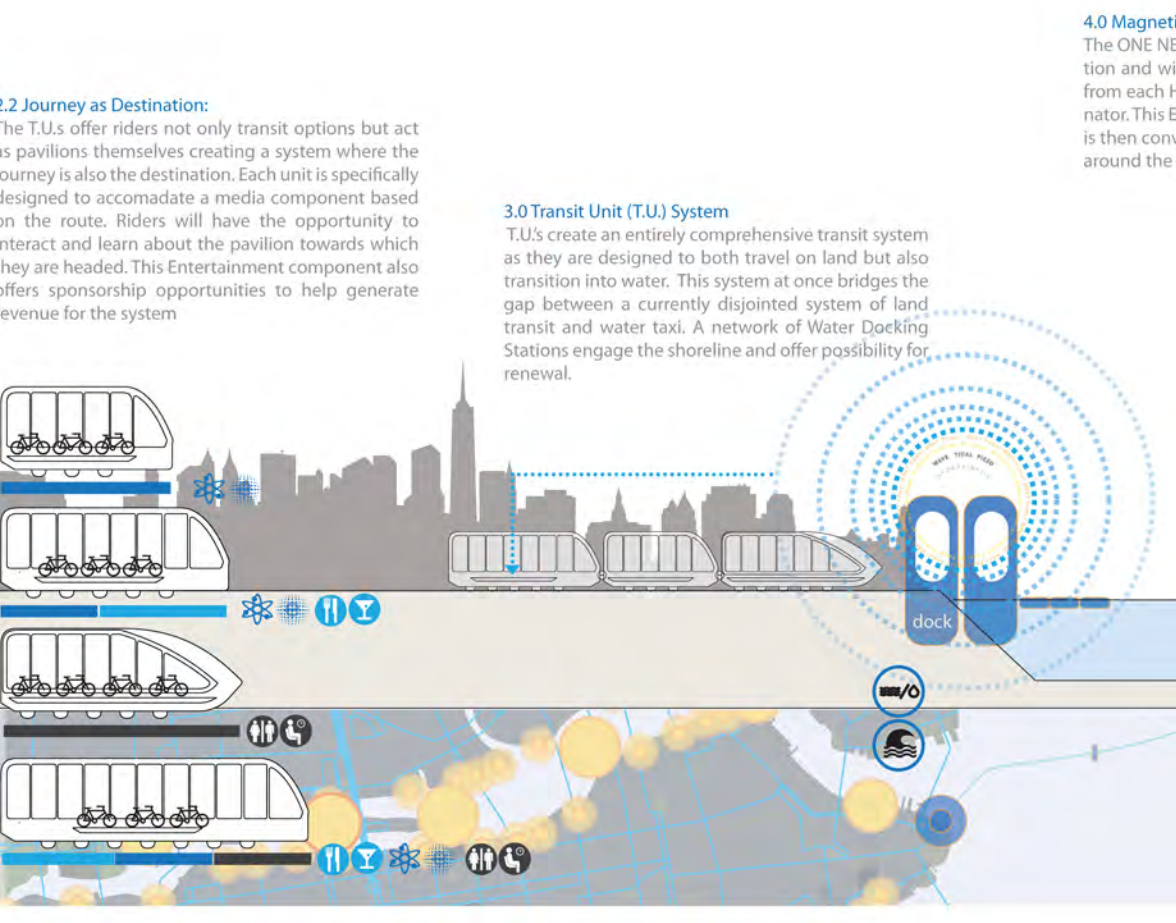
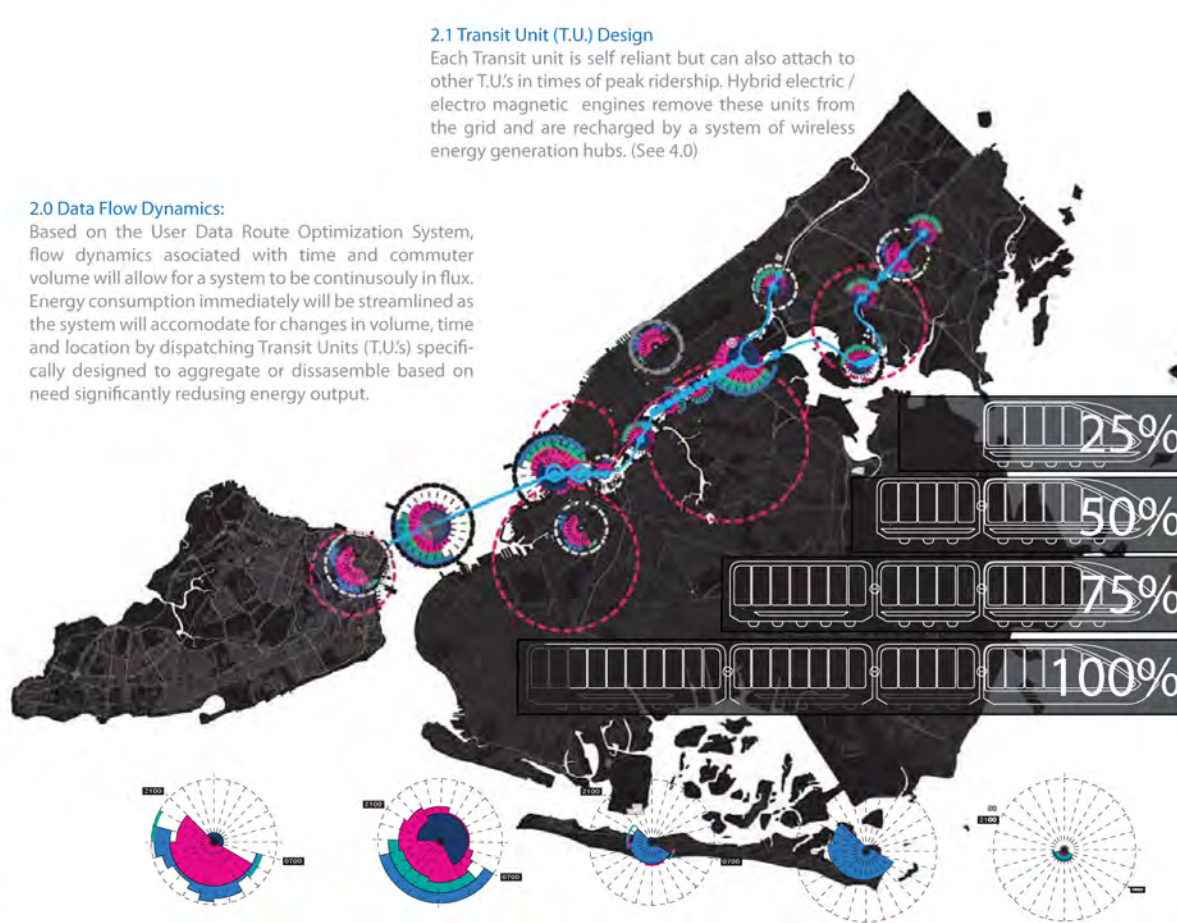
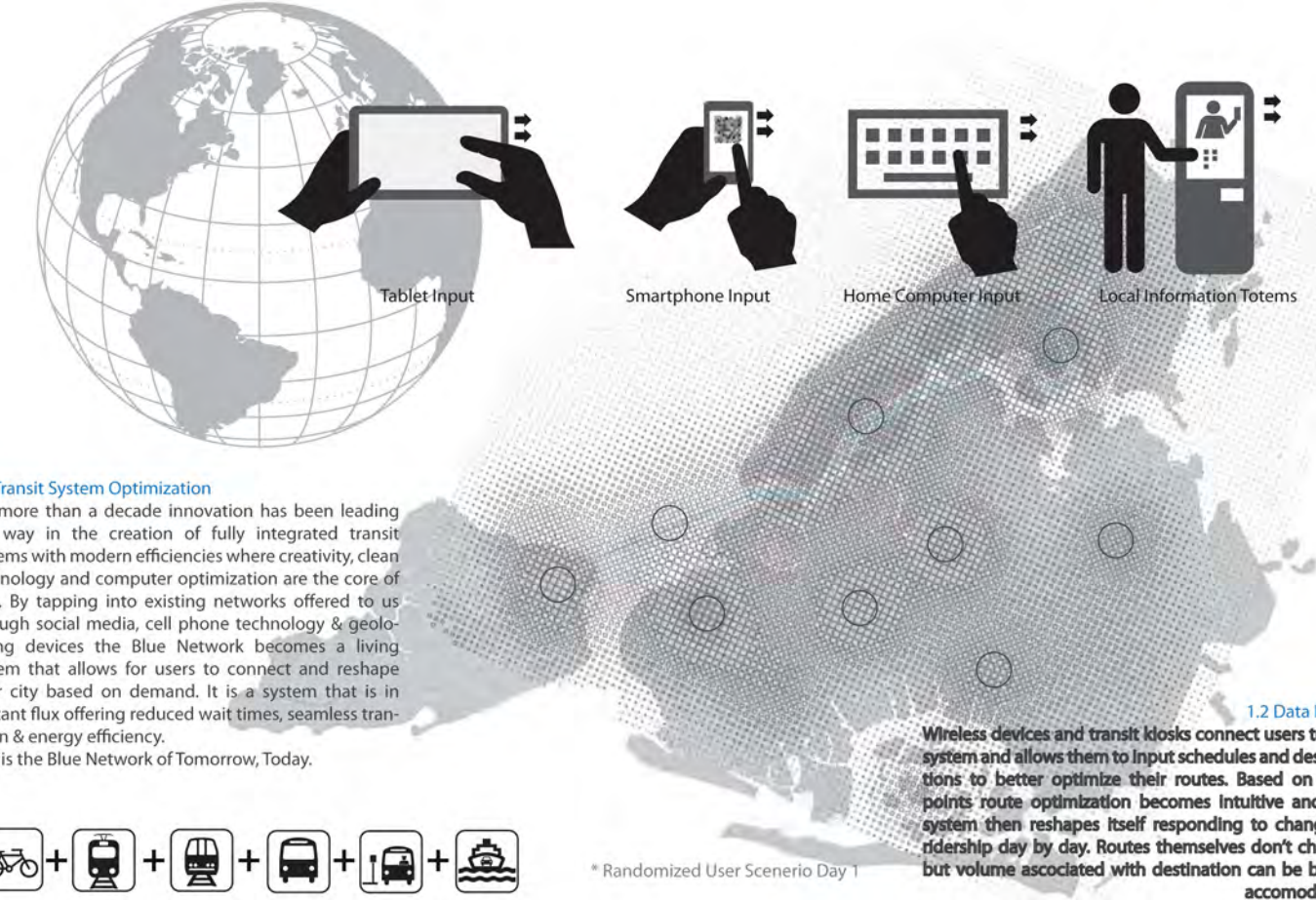
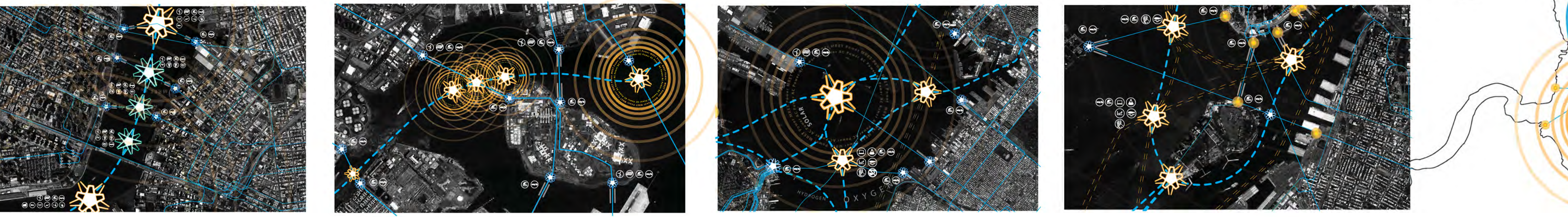
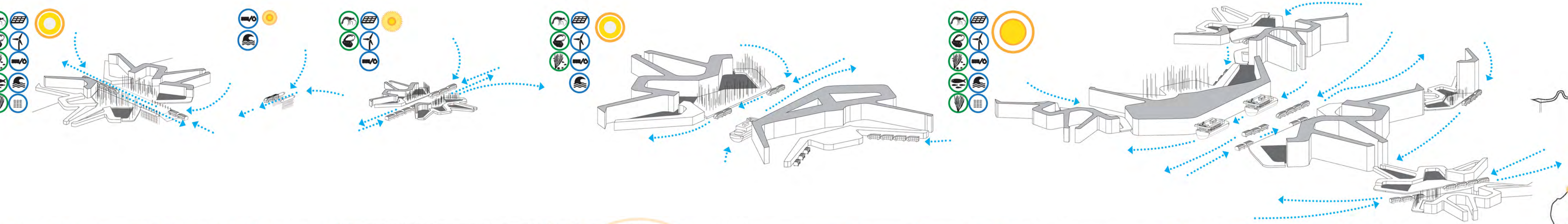


1 System

The Blue Network of Tomorrow, TODAY



1.0 Transit System Optimization
For more than a decade innovation has been leading the way in the creation of fully integrated transit systems with modern efficiencies where creativity, clean technology and computer optimization are the core of NYC. By tapping into existing networks offered to us through social media, cell phone technology & geotagging devices the Blue Network becomes a living system that allows for users to connect and reshape their city based on demand. It is a system that is in constant flux offering reduced wait times, seamless transition & energy efficiency. This is the Blue Network of Tomorrow, Today.

Wireless devices and transit kiosks connect users to the system and allows them to input schedules and destinations to better optimize their routes. Based on data points route optimization becomes intuitive and the system then reshapes itself responding to change in identity day by day. Routes themselves don't change but volume associated with destination can be better accommodated.

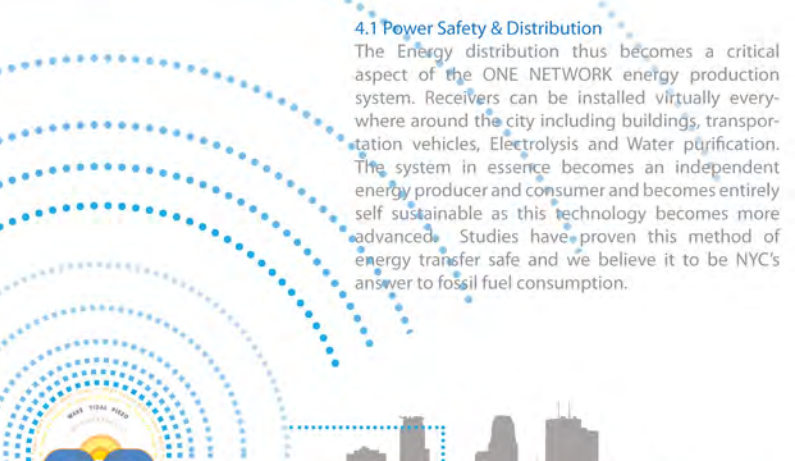
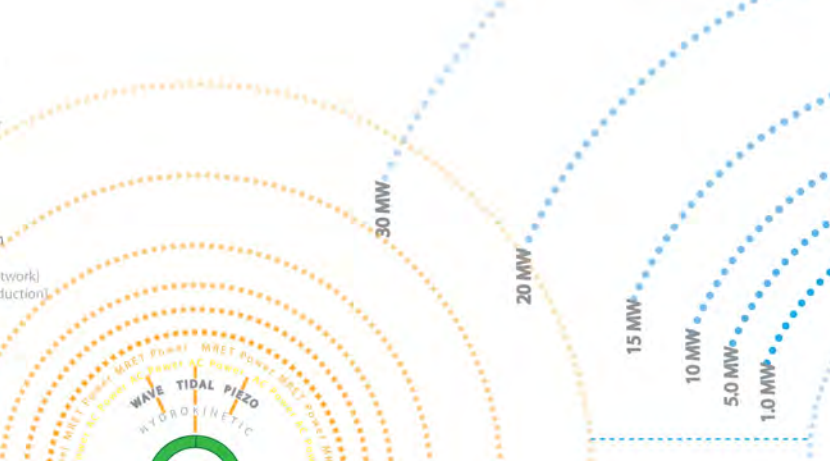
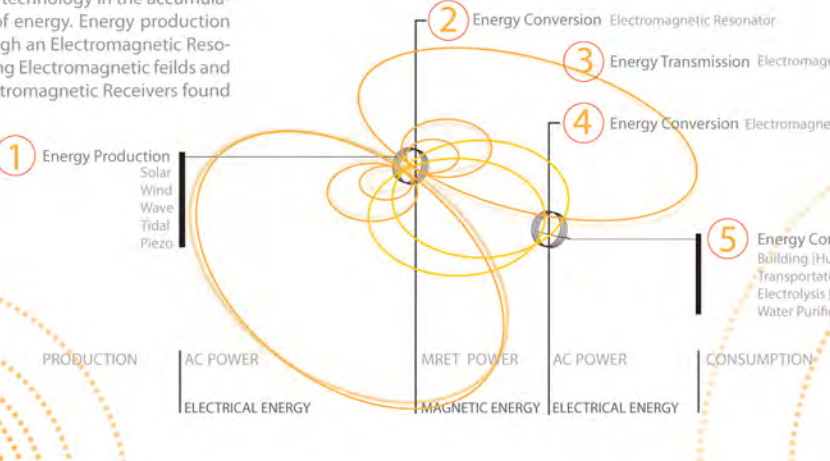
2.1 Transit Unit (TU) Design
Each Transit unit is self reliant but can also attach to other TUs in times of peak ridership. Hybrid-electric / electro magnetic engines remove these units from the grid and are recharged by a system of wireless energy generation hubs. (See 4.0)

2.0 Data Flow Dynamics
Based on the User Data Route Optimization System, flow dynamics associated with time and commuter volume will allow for a system to be continuously in flux. Energy consumption immediately will be streamlined as the system will accommodate for changes in volume, time and location by dispatching Transit Units (TUs) specifically designed to aggregate or disassemble based on need significantly reducing energy output.

2.2 Journey as Destination
The TUs offer riders not only transit options but act as pavilions themselves creating a system where the journey is also the destination. Each unit is specifically designed to accommodate a media component based on the route. Riders will have the opportunity to interact and learn about the pavilion towards which they are headed. This Entertainment component also offers sponsorship opportunities to help generate revenue for the system.

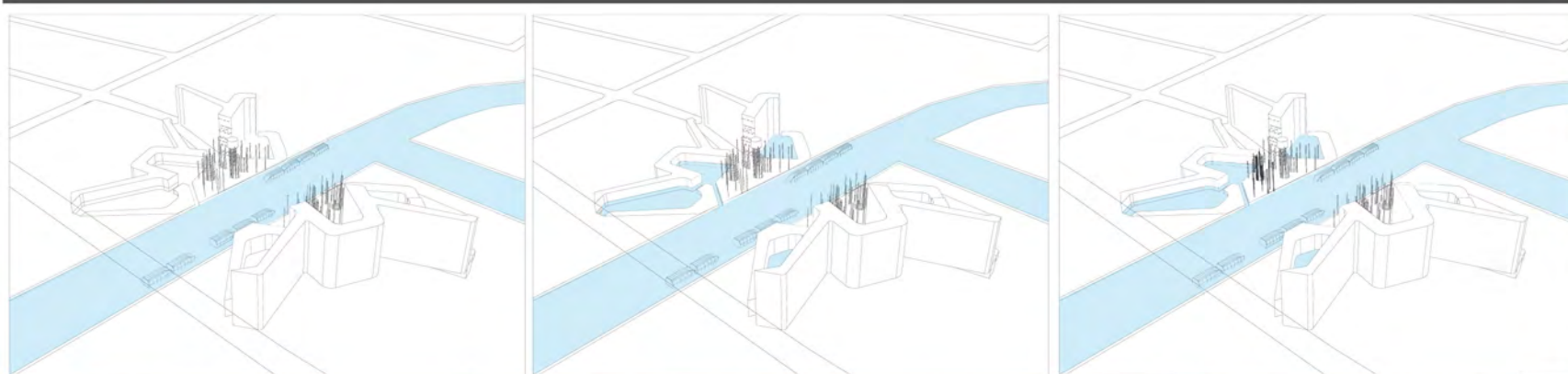
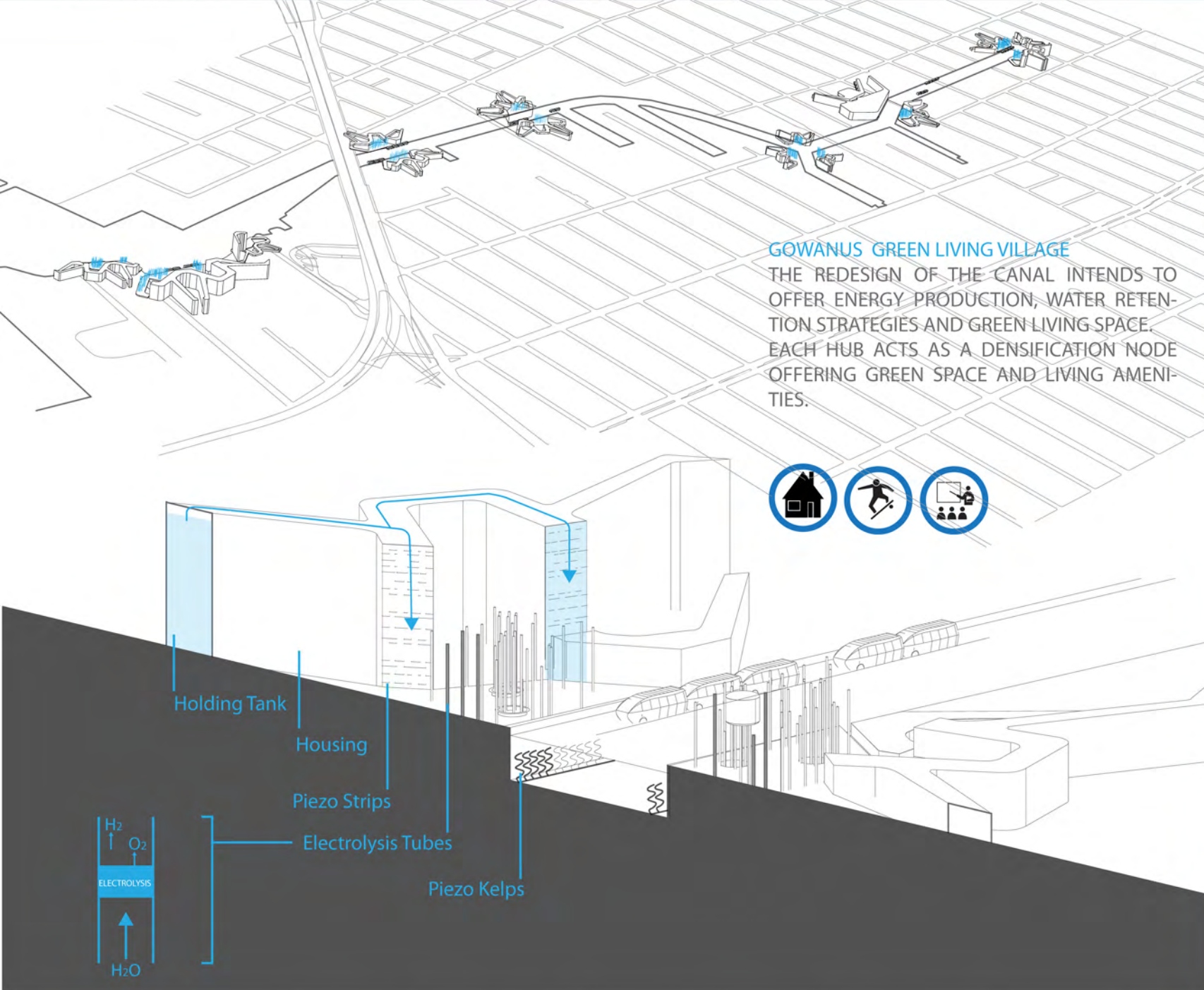
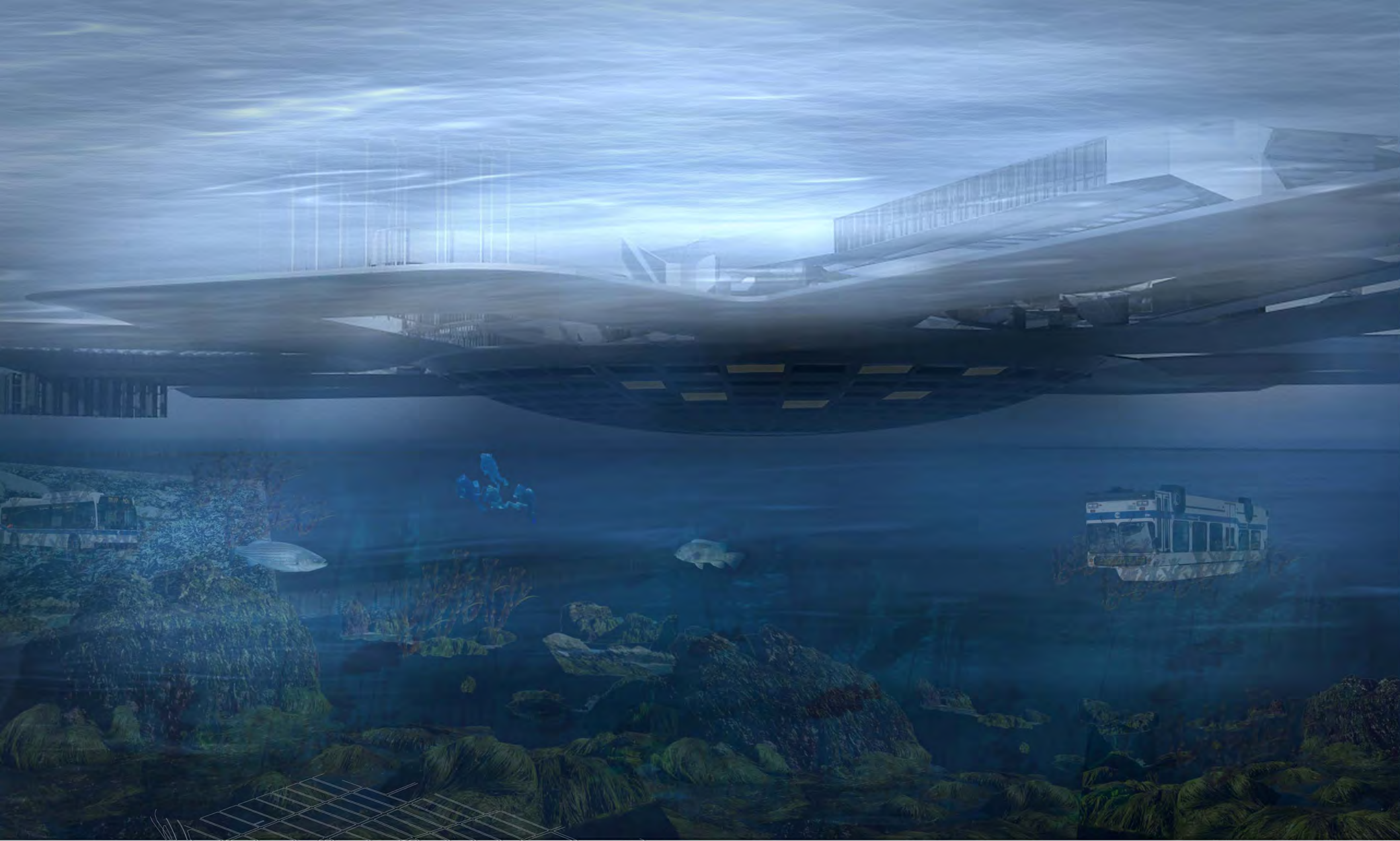
3.0 Transit Unit (TU) System
TUs create an entirely comprehensive transit system as they are designed to both travel on land but also transition into water. This system at once bridges the gap between a currently disjointed system of land, transit and water taxi. A network of Water Docking Stations engage the shoreline and offer possibility for renewal.

4.0 Magnetic Resonance Energy Transfer
The ONE NETWORK energy production utilizes forward looking technology in the accumulation and wireless transmission, conversion and consumption of energy. Energy production from each HUB is converted into Electromagnetic Energy through an Electromagnetic Resonator. This Energy is then transmitted wirelessly through existing Electromagnetic fields and is then converted back into usable energy through various electromagnetic Receivers found around the city.



3.1 Underwater Ecological Rehabilitation
Subsurface ecological engineering will allow for the attenuation of water flow by implementation of underwater ecological habitats through the repurposing of the sea bed. A network of oyster, shrimp and algae farms will be phased in. A strategy of removing existing transit vehicles and transposing them underwater will be used as ecological catchment areas for regeneration.

4.1 Power Safety & Distribution
The Energy distribution thus becomes a critical aspect of the ONE NETWORK energy production system. Receivers can be installed virtually everywhere around the city including buildings, transportation vehicles, Electropoles and Water purification. The system in essence becomes an independent energy producer and consumer and becomes entirely self-sustainable as this technology becomes more advanced. Studies have proven this method of energy transfer safe and we believe it to be NYC's answer to fossil fuel consumption.



1. CIVIC ARENA

MARINE AUDITORIUM FOR CIVIC USE CAN ALSO DOUBLE AS A LECTURE HALL FOR DIDACTIC EVENTS AND TOWN HALL FOR MEETING SPACE.

2. HYDROGEN STORAGE

WATER THAT IS FILTERED UNDERGOES HYDROLYSIS AND IS STORED AS HYDROGEN AND OXYGEN. THIS PROCESS IS THEN CONTINUED TO PURIFY WATER WITHOUT THE USE OF HARSH BLEACHES.

3. SOLAR PANELS

SOLAR PANEL GLAZING OF CLERESTORY WINDOWS FOR EVENT/GALLERY SPACE. ENERGY ACCUMULATED FROM SOLAR PANELS IS STORED AND USED TO POWER THE VARIOUS LIGHTING NECESSITIES OF GAIA.

4. PIEZO-ELECTRIC KELP

PIEZO-ELECTRIC KELP FARMS USE WAVE ENERGY TO GENERATE ELECTRICITY/ENERGY. THESE FARMS ARE STRATEGICALLY PLACED ALONG THE ONE SYSTEM TO HARVEST THE MOST AMOUNT OF WAVE ENERGY, STORE IT OR CONVERT IT INTO ELECTROMAGNETIC ENERGY TO BE SENT OFF SITE.

5. ARTIFICIAL WETLANDS

WETLAND HABITAT PARK WITH NATIVE SPECIES OF PLANTS AND ANIMALS.

6. SUBMERSIBLE CORE

A SUBMERSIBLE CHAMBER AT THE CENTER OF GAIA ALLOWS FOR UNDERWATER TRANSIT OF ALL TYPES FROM PERSONAL SUBMERSIBLES TO SUBMARINES.

7. UNDERWATER TURBINES

VERTICAL UNDERWATER TURBINES BELOW THE WATER ARE STRATEGICALLY PLACED LONG THE NORTHERN WATERFLOW OF THE BAY ACCUMULATING ENERGY FROM THE HUDSON RIVER. THESE PLANTS STORE ENERGY, CONVERT IT AND TRANSMIT IT TO VARIOUS RECEPTORS.

8. WIND TURBINE FOREST

ACTING AS BOTH PUBLIC SPACE AND PRIVATE SPACE THROUGH THE USAGE OF TREE-LINED ENCLOSURES THE WIND TURBINE FOREST UTILIZES WIND TURBINE TECHNOLOGY TO ACCUMULATE ENERGY AND STORE IT. THIS ENERGY IS THEN REDISTRIBUTED THROUGHOUT GAIA.

9. NYC BUS CEMETERY

REPURPOSING OLD NYC TRANSIT BUSES INTO REEFS OFFERS NEW WAYS OF CREATING UNDERWATER HABITATS AND SOLVES THE PROBLEM OF RECYCLING THE MASSIVE INVENTORY OF USELESS GAS/HYBRID BUSES THAT WILL BECOME OBSOLETE WITH THE "ONE SYSTEM" IN PLACE. THIS STRATEGY HELPS RE-ESTABLISH PLANT AND ANIMAL LIFE. OYSTER NETS FOR GROWING AND HARVESTING OYSTERS AS WELL AS CULTURED OYSTER PEARLS, BLUE CRAB AND SHRIMP.



10. SHRIMP FARMING

USAGE OF LOCAL SHRIMP AND LOBSTER BREEDS. WATER CURRENTS ARE USED TO BRING IN NUTRIENTS FROM THE BAY AND NETTED HABITATS ALLOW FOR THE ANIMALS TO GROW.



11. ROCKWEED FARMING

SPECIES OF BROWN KELP GROWN FOR FOOD PRODUCTION.

GAIA

