

NYC BLUE NETWORK

TRANSIT HUBS

PROGRAMS AND PLACES SEASONALITY, BOROUGH, EXPO. PROGRAMS AND CITIZENS ARE CONNECTED.

BIOLOGY, ARCHITECTURE, ENGINEERING AND AGRICULTURE GATHER TO CONFORM TO THE UNIT.

TECH

a.S.S.U.U.
Acquatic self-sufficient urban unit that sails all over the world

PROGRAMS

Between the crops, there are some other programs in crystal boxes such as cinema, auditorium, public square, restaurant, laboratories, market, cafeteria...

CROPS

The crops are placed in plates forming artificial trees all around the unit.

WATER SYSTEM

The unit takes dirty salted water from the Hudson and purifies it into grey water that irrigates the crops. By a simple evapotranspiration system, the plants produce clean water, that is collected for human uses.

FARM TREE

The tree trunks where the crops are placed grow from the primary structure.

WATER SPACE

The treatment system generates a water landscape capable to host a wide range of activities

FLOAT

"Rubber ring" primary structure containing installation systems. Tightened net secondary structure containing the water treatment pools. Both structures work as a tennis racket.

CLEAN TECH WORLD EXPO E3NYC in 2014

The a.S.S.U.U. is a new city **URBAN ELEMENT** that grows in the water. Its shape fits to the numerous piers around the NYC coast as a tectonic plate separating from the earth and flowing through the river.

A new **URBAN LANDMARK** that depending on the needs, timetable activities and qualities, may activate almost any point of the city.

A new typology of urban **TRANSIT HUB** in movement that will reallocate green transport, water taxi, electric car and bike sharing systems.

A **NEW INFRASTRUCTURE** that grows and evolves with the city. Inner programs are adapted to the moments, places, situations and users, connecting the city not just programmatic but geographically. The a.S.S.U.U. is self-sufficient and able to supply with drinkable water and food to 20.000 people.

An **EQUIPMENT** that develops a new kind of leisure programs related to water. A "dis-central park" that combines nature, biodiversity, water and education. Besides, it is an I+D+i and an agriculture productive center for the city. A great recreational and educative center for the citizenship.

A **NEW URBAN ICON** inserted in the NYC skyline that represents technology and sustainability and that will become a reference of nowadays society all over the world. The new NYC "ambassador", but also the ambassador of the need of a new civilization raising respectful with nature and planet. A new urban typology thought to represent a clean tech world during NYC World Expo but that will grow beyond its borders as a new way of creating the city, the urban planning and the civilization.

THE WATER



THE LAND



THE AGRICULTURE



The Piers



PLUG

ACTIVATION OF THE DIFFERENT PLACES OF THE COAST WHERE IT DOCKS

MANHATTAN

MANHATTAN

GOWANUS CANAL

STATEN ISLAND

STATEN ISLAND

STATEN ISLAND

BRONX

1. HUNTS POINT AREA

QUEENS

1. BRONX ELECTRIC CAR CITY

4. HUNTERS POINT CLEANTECH INDUSTRY CITY

2. GREENPOINT SCIENCE CITY

7. GOVERNORS ISLAND ACADEMIC VILLAGE

6. GOWANUS CANAL GREEN LIVING VILLAGE

2. BRONX RIVER INTERACTIVE EDUCATION WITH NATURE

5. SIEDC NORTH GREEN ZONE HALL OF CIVILITATION

GAIA

ACTIVATION OF THE DIFFERENT PLACES OF THE COAST WHERE IT DOCKS

BRONX

FLUSHING BAY QUEENS GREEN TRANSIT HUB

BROOKLYN

GREENS

GREENS

GREENS

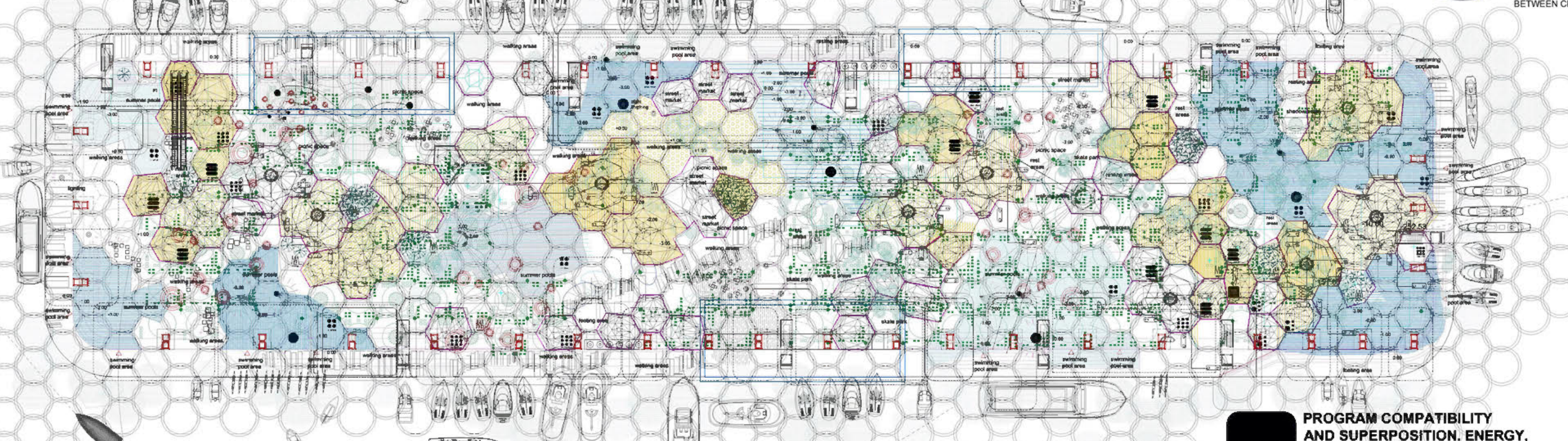
STATEN ISLAND

6. ST GEORGES TERMINAL STATEN ISLAND GREEN TRANSIT HUB

BROOKLYN

BLUE URBAN UNIT OVER THE WATER. NEW CITY PROGRAMS AND REACTIVATIONS OF THE WATER

WATER PUBLIC SPACE PLAN S:1/600

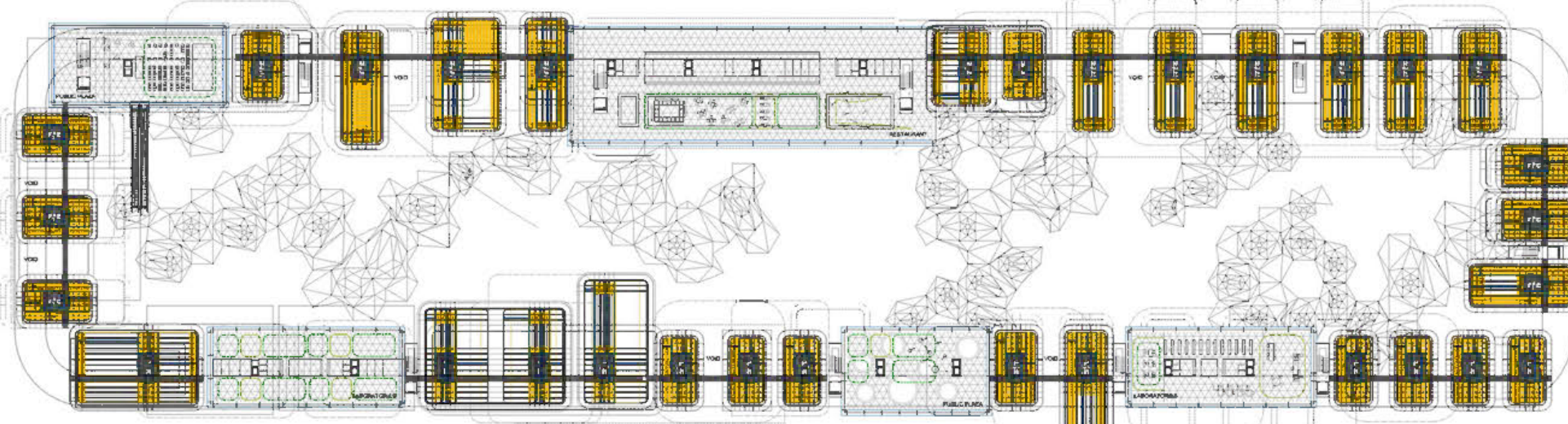


PUBLIC SPACE INNER EQUIVALENCES



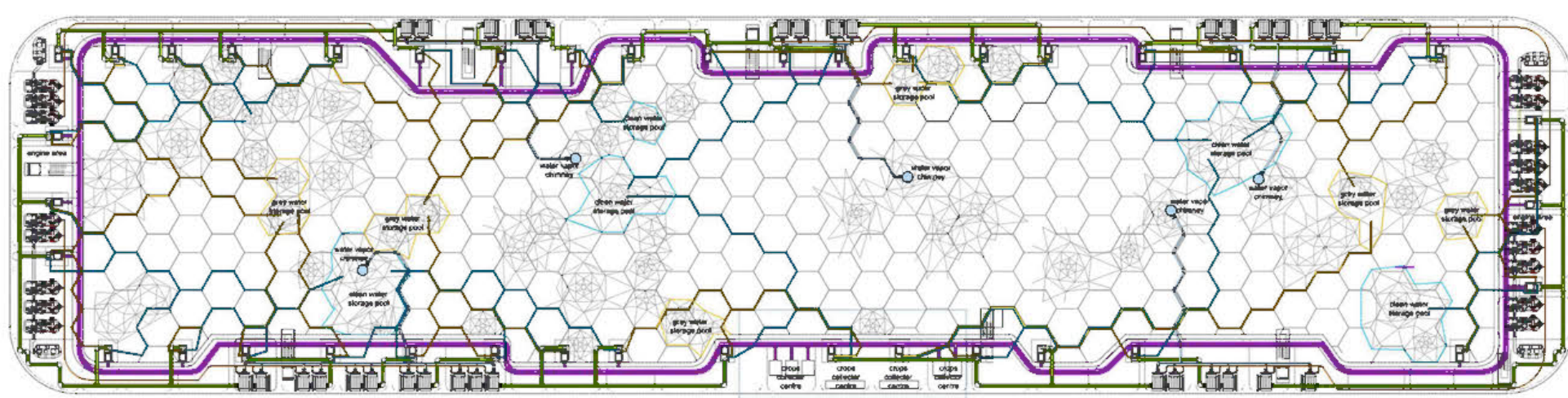
GROW CROP'S SURFACE GROWS DEPENDING ON THE DEMAND OF THE USERS THROW TIME

CROPS+PROGRAMS PLAN S:1/750



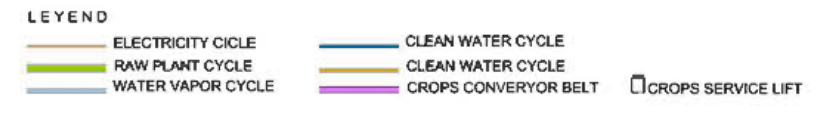
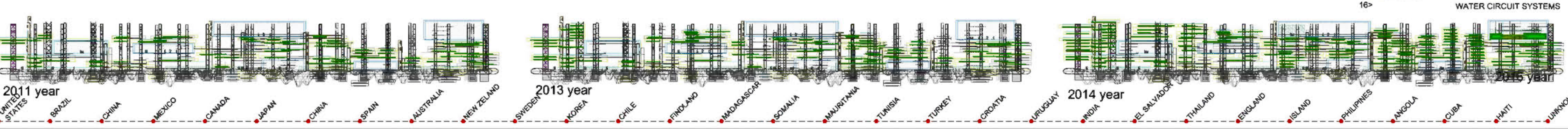
CLEAN CLEAN ENERGY, WATER TREATMENT. CLEAN SYSTEM THAT IMPROVES THE CITY WATER'S CYCLE

SYSTEM PLAN S:1/750

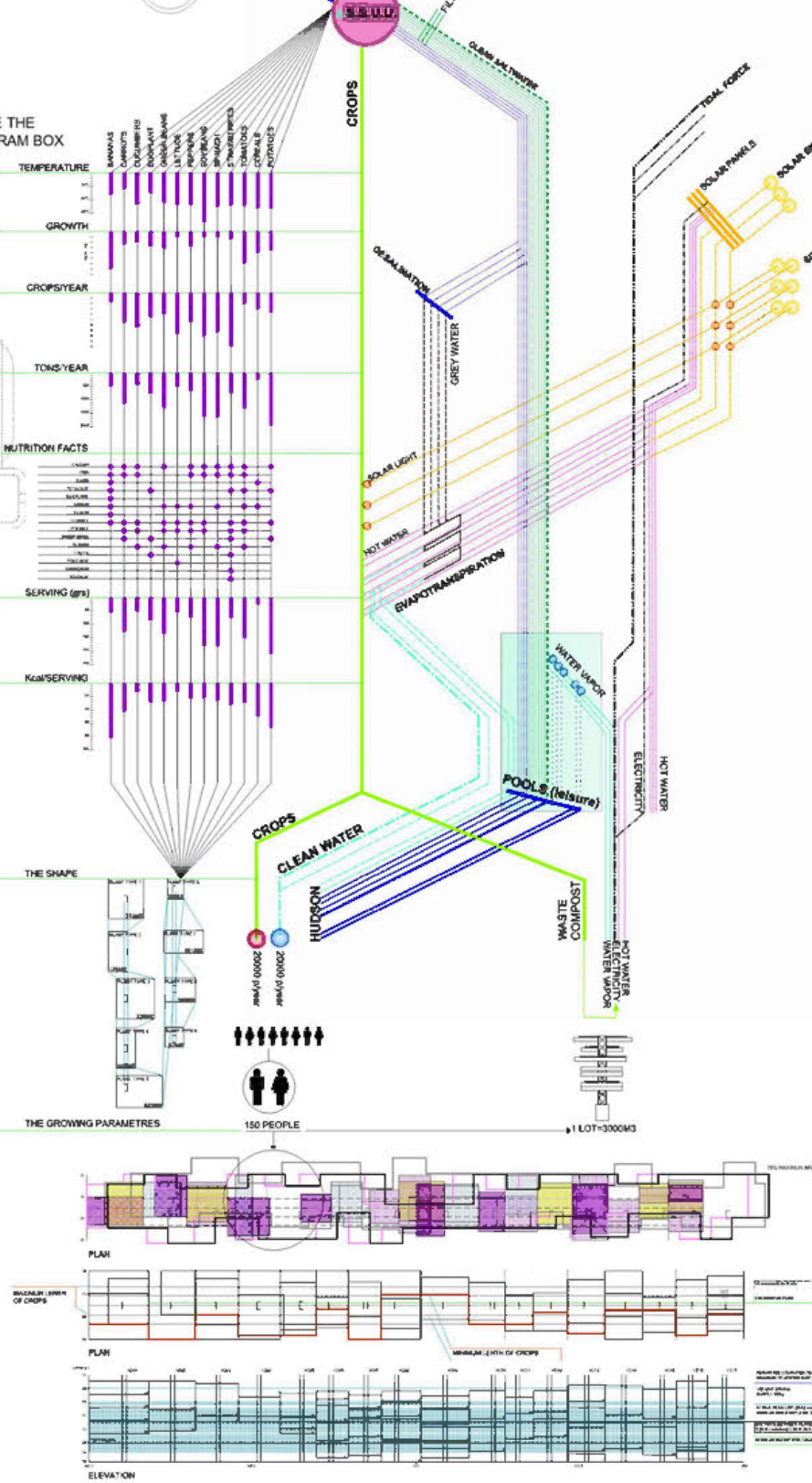


FLY CONSTRUCTION OF THE BUILDING THROW THE TIME, THROW THE DIFFERENT COUNTRIES OF THE ENTIRE WORLD

ELEVATION THROW TIME S: 1/1400



SHARE PROGRAM COMPATIBILITY AND SUPERPOSITION. ENERGY, CROPS AND WATER CYCLE COMPLEMENT EACH OTHER



PLAN DIAGRAMS

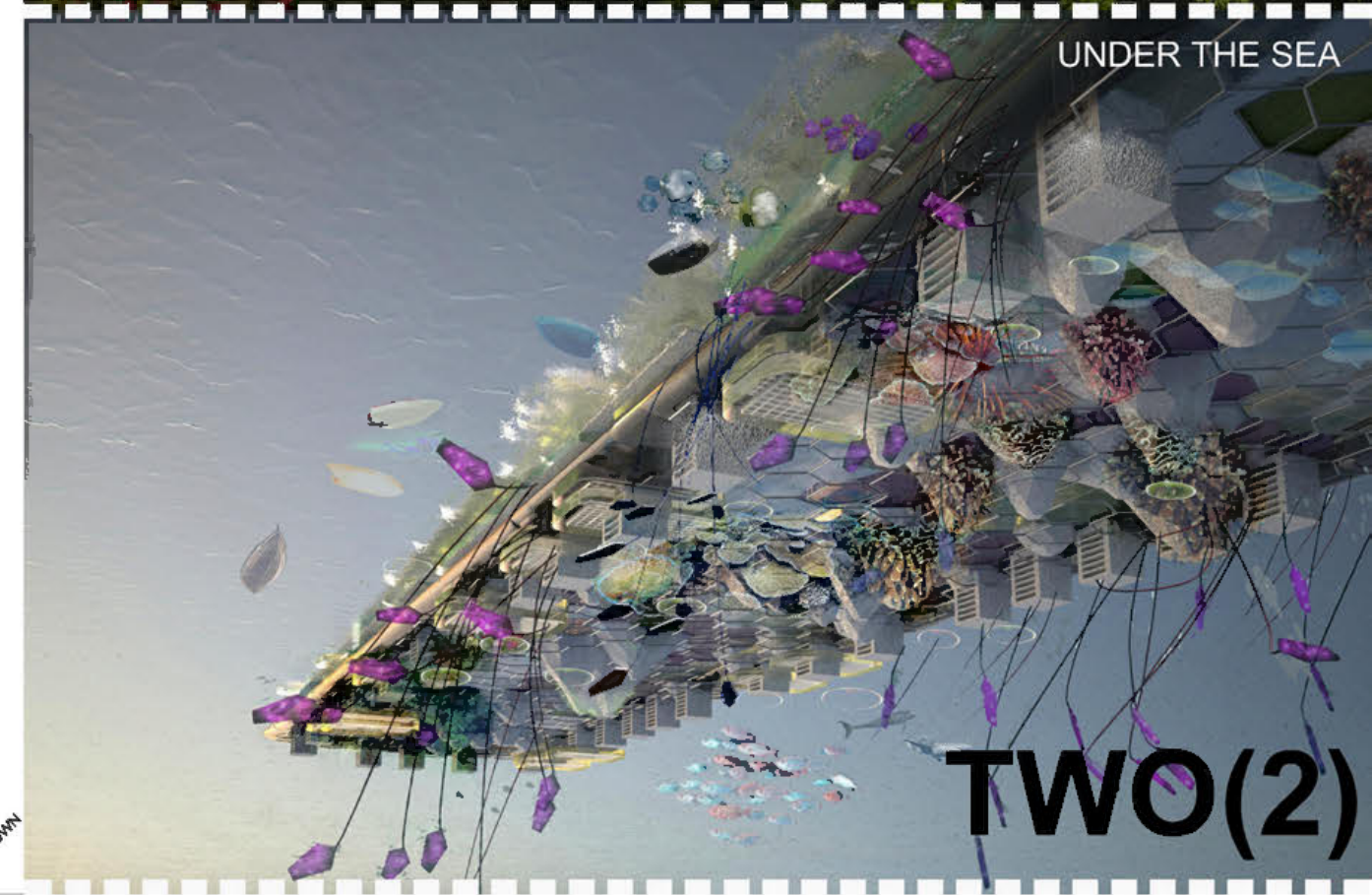
- 01> STRUCTURE NETTING
- 02> CLEAN WATER POOLS
- 03> WATER TREATMENT POOLS
- 04> PEDESTRIAN WALKS
- 05> MACHINES SYSTEMS
- 06> COMMUNICATIONS + TOWERS
- 07> VERTICAL CROPS
- 08> CROPS + PROGRAMS
- 09> CROPS STRUCTURE
- 10> PROGRAMS+COMMUNICATIONS
- 11> CROP BOXES
- 12> CLEAN WATER COLLECTIVE SYSTEM
- 13> FLOATING RUBBER RING
- 14> WATER VAPOR JETS
- 15> CROPS CONVEYOR BELT
- 16> WATER CIRCUIT SYSTEMS



WATER PLANT-PUBLIC SPACE



BETWEEN THE CROPS



UNDER THE SEA