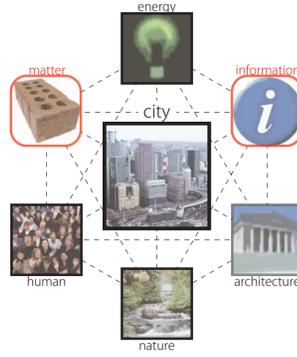


# The floating town

## ■ The floating town which makes a cyclical form life style possible

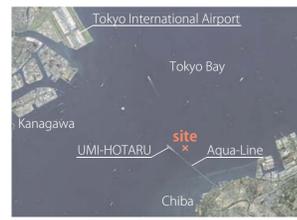
> Six elements which constitute a city  
The city consists of the following six elements. It is a substance, energy, information, an artifact, nature, and a person. A city serves as a figure which should exist essentially because six elements have a relation mutually.

> The problem which a current city holds  
Two elements are observed as a problem which the current city is holding. One comes out about a substance. The fall of production capacity (especially food) and the consumption which it causes mention a main life. By proposing a city with production capacity, "circulation of food" is caused like a local colony. Another comes out about information. Dilution of human relations is mentioned. An opportunity to perform bilateral work is offered and it aims at that a community network is formed.



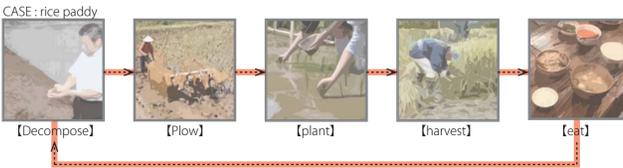
## ■ Relation with a ground city

Access to a [title] is possible by the road which has extended from Tokyo Bay Aqua-Line. Various agricultural-work experience events are held for every time, such as rice planting and harvest. It can participate also except those who live here. The children who live in the city which does not touch agricultural work usually also visit. Fresh water required for magnesium power generation is secured using the wastewater treatment facility with which the sea firefly is equipped.



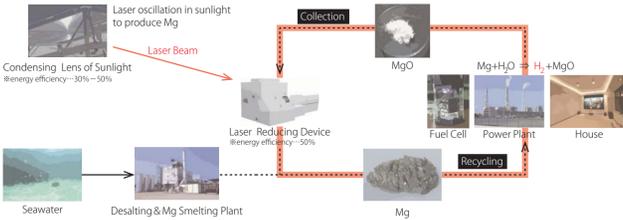
## ■ The community network cherished by food

> Regional network that fosters a collaborative project  
Residents of this city to grow rice and vegetables. Residents cultivate the soil together, planting seeds and seedlings, and harvesting. Food that has been harvested, residents lined up at the table of cooking. After eating, it returns to the soil as compost them again. Circulating the "food" in this city. By putting into circulation "food" in the life. Regional network that fosters collaboration in the form, to improve the production capacity of the city.



## ■ The energy cycle system by magnesium power generation

Contains magnesium of the amount of energy comparable to (t 1800 trillion) worth approximately 300 000 years in terms of oil "in the seawater. In the system described below, by using an oxidation-reduction reaction of magnesium and performs clean energy cycle does not generate CO2.



## ■ Three kinds of units which form a colony

> type01  
The flow deck without anything is used for various activities.  
1. Landing  
2. Playground  
3. Meeting ground  
4. Fishing  
5. Swimming

> type02  
This building is the space for living. There is dwelling space which was suitable at sea taking in the element of a Japanese building. The yard can be enlarged or it can share between being connected with the others.

> type03  
This building is store space. On the first floor, various stores are contained. A shopping center will be formed if stores gather, and the second floor is the space of open peacefulness.



> Using Grasshopper, I have examined the combination. This form is suitable for a variety of combinations.

>Studies 1/Distributed  
Who live there are able to live in own way, unity as a whole has been lost.

>Studies 2/Round  
You are able to have a place where you can waterfront that can be shared by people in the middle, people gather.

>Studies 3/Dense sequence  
Place where you can walk around people were born. This form can cope with wave.

>Studies 4/Horseshoe  
Born in the middle of the bay, moderate relationships with others is born.

## ■ Section

