

# JUGEMU

## Concept

Origin of the concept of "Sustainability" dates back to the Edo era (1600-1868), city planning in the dynasty of Tokugawa. Although there was a strong sense of hierarchy in those days, people in those days managed natural resources well and efficiently, and lived an environmental life. The Edo period was carrying out city planning consisting mainly of traditional landscape and Chinese Fortune-Telling, and a waterway. This city planning gave grace to the town. This island makes Edo a model and recommends a city environment according to the knowledge of the Edo life style.

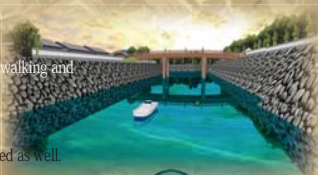
## Structure of the city

On the other hand, the housing on the island today uses the same division system, also providing a similar public space in order to maintain some modern sense of privacy and at the same time we suggest an Edo life style where communication becomes important.



## Transport

In this island we are trying to construct, Transportation device use walking and getting on ship. We try to reduce Carbon dioxide. Now on the island both automobiles and motorbikes will be permitted as well.



## Chinese Fortune-Telling

The city of Edo lasted very long and also ran smoothly. This was thought to be because it took into account suggestions of high monks and Chinese fortune-tellers and also "the map of four gods of the Winds".



## Refuse disposal

This island does not discharge garbage. Food prepares the base used as a market into a town, and supplies it to each home.



## Open Sewage

We will place desalination plants and from there we will provide water to all households in each town.

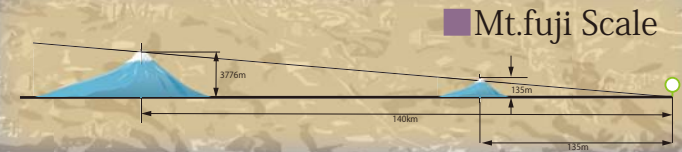


## Underground Sewage

We will place Sewer disposing facility and from there we will treat water.

## Tsunami

We will build islands surrounding this main Island to provide protection and make them sanctuaries of nature. Also according to the prediction of the tidal rise of the Tokyo bay, in 100 years time there will probably be 30-50 cm rise, so we have adjusted the height of the land and the widths of the canals in accordance to this.



## Off-shore wind power system

Wind-generated electricity supply the island with energy.



## Landscape



- Present area
- Tree planting area
- Market
- Desalination plants
- Edo era area