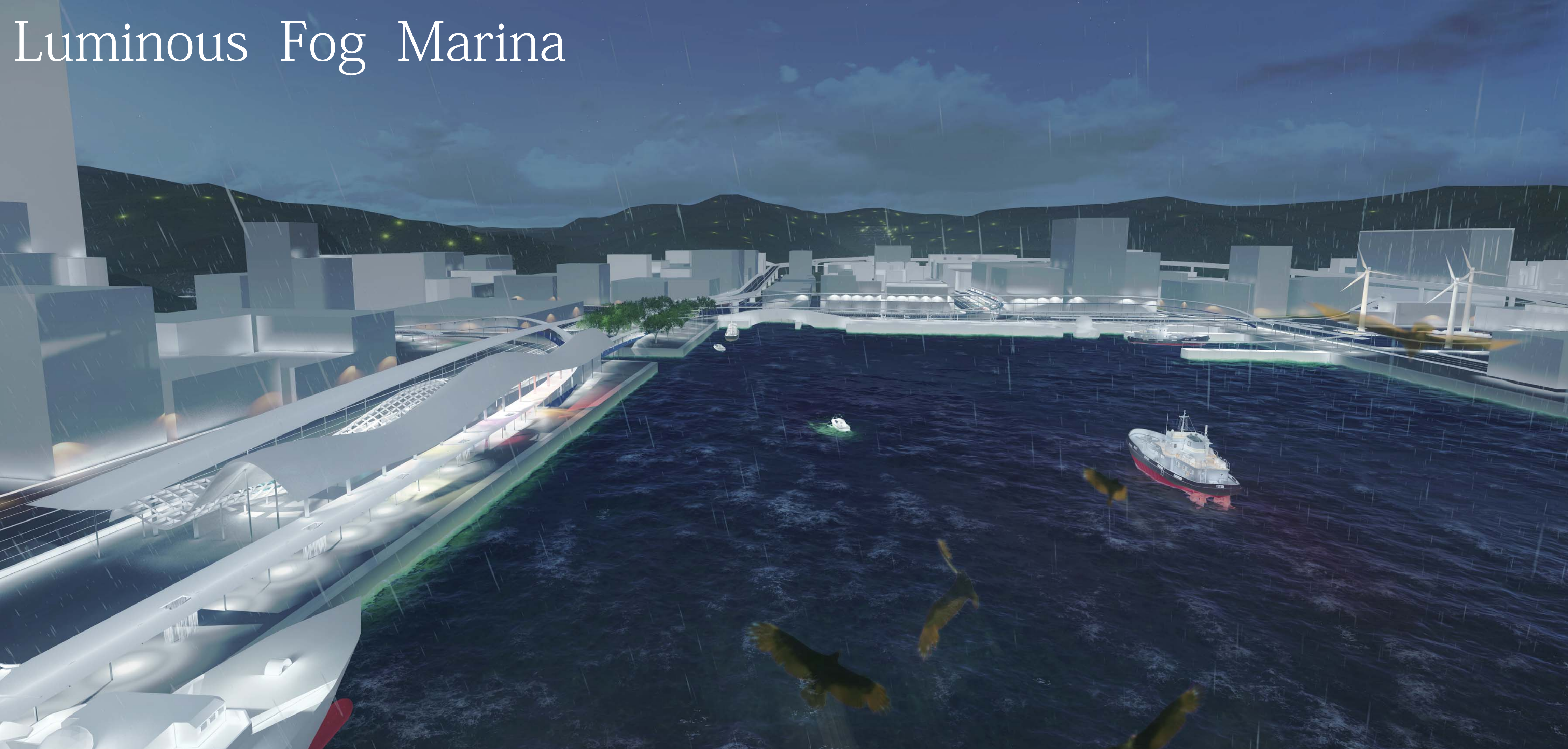
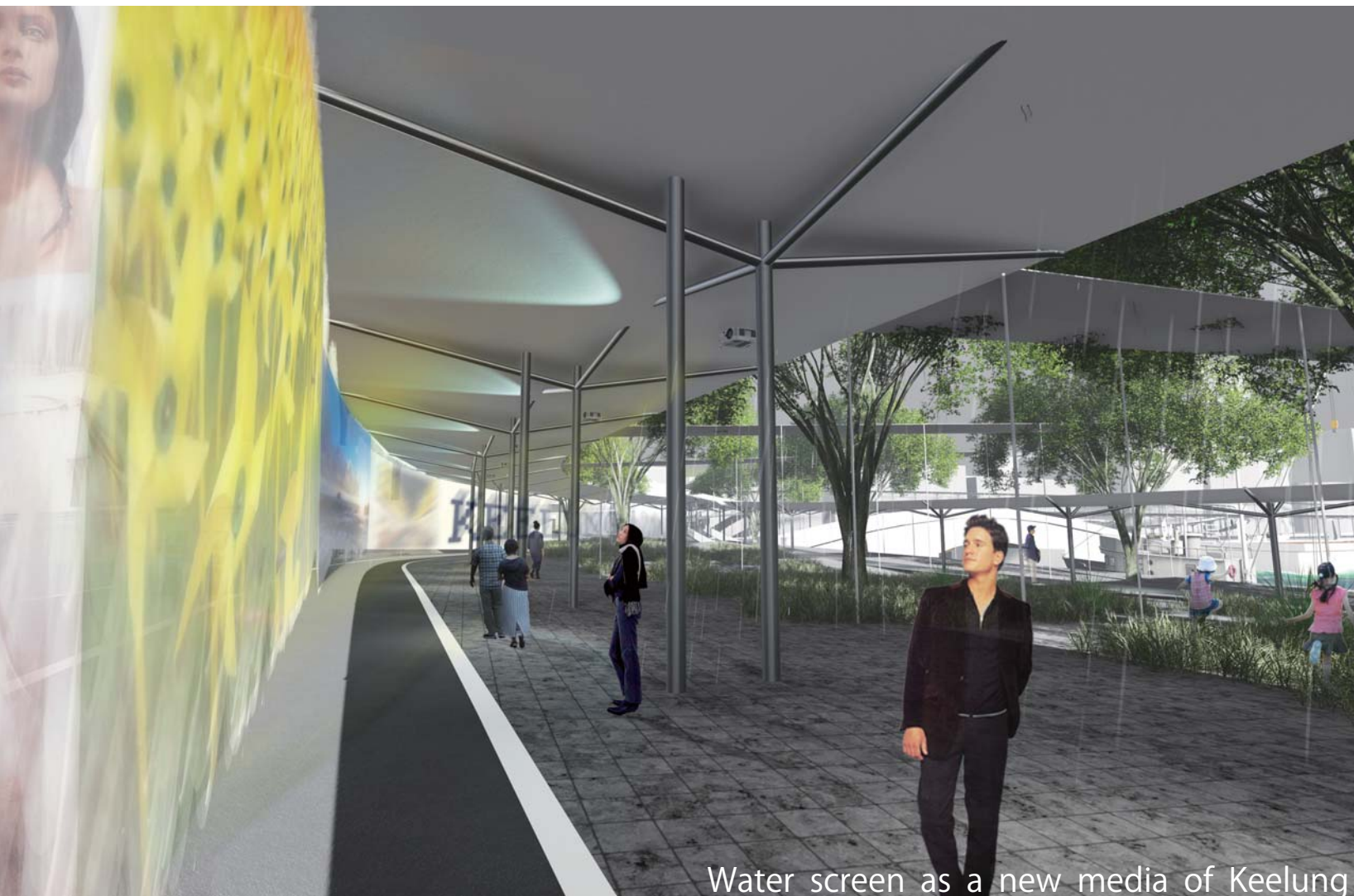


# Luminous Fog Marina

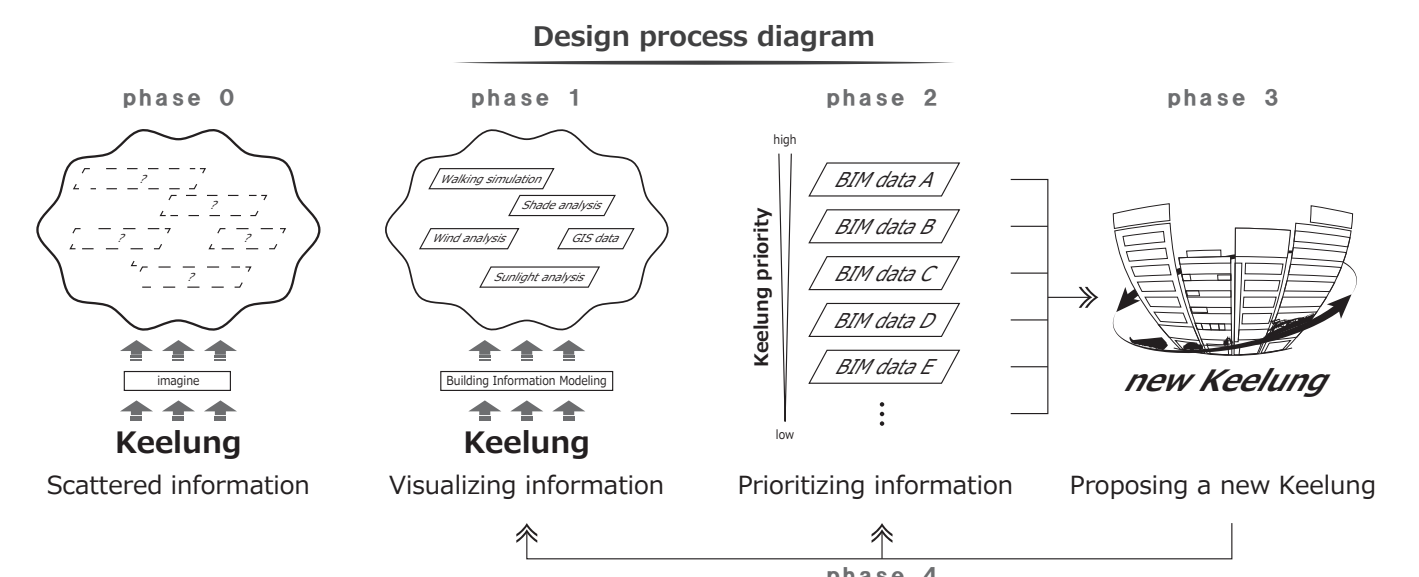


Pedestrian space



Water screen as a new media of Keelung

## 1. Proposal -A new way of tourism in keelung-



We propose a new way of tourism in Keelung. And tourism is the act to know the working of the city residents. Keelung has a background that life of residents has been made up by the logistics and harbor. Among them , Keelung came out the need to reform the urban structure .  
If a international passenger terminal will be built, Keelung will be more and more becomes a tourist destination .So our aim is how tourists touch the life of the city. We visualize a peculiar information of remote location using BIM, and we design new Keelung, integrating variety information.

## 6. Simulation of rainwater

We verify the flow way of rainwater on the roof with using the Rhinoceros and Grasshopper. We can use difference shapes.

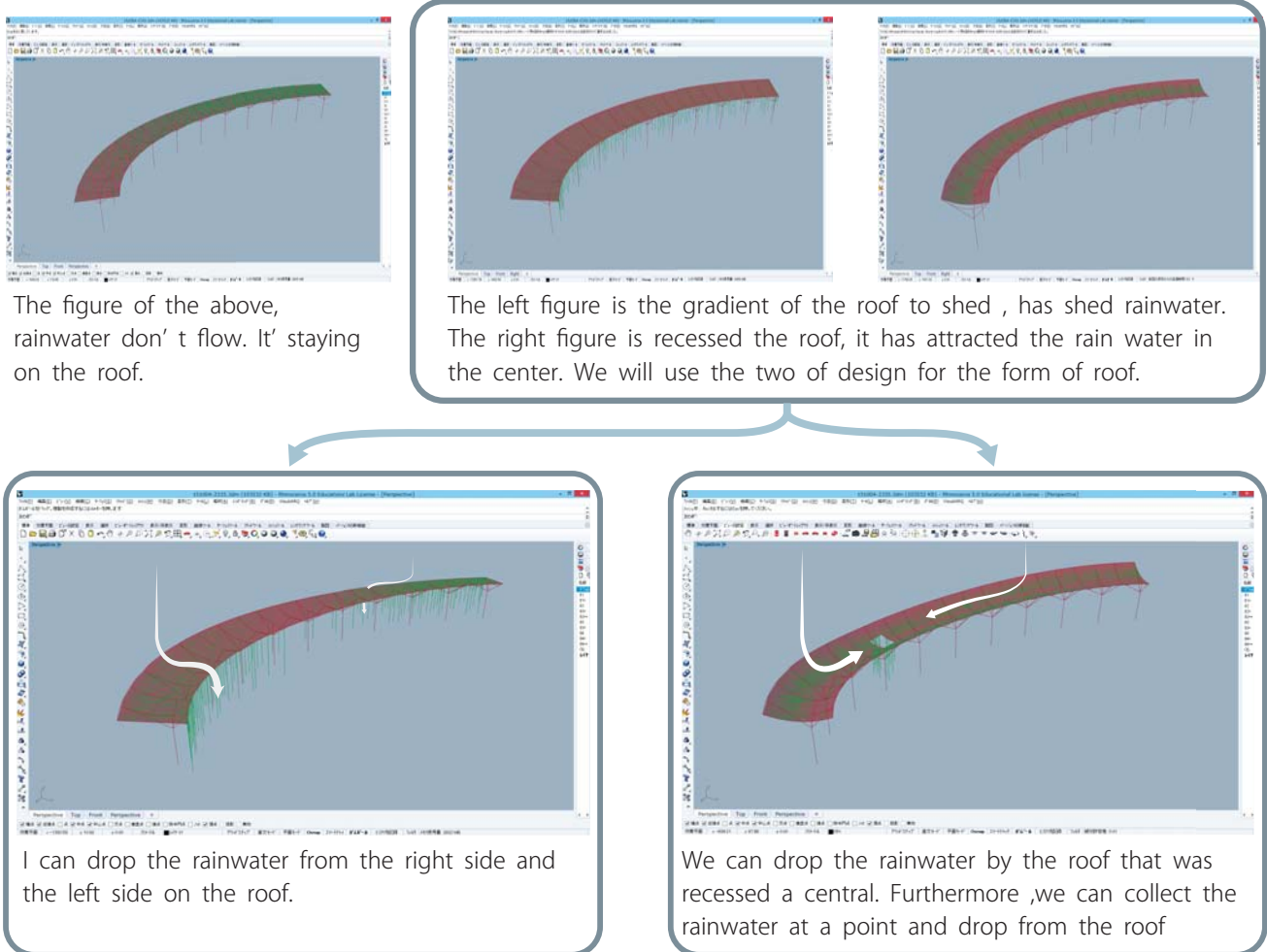
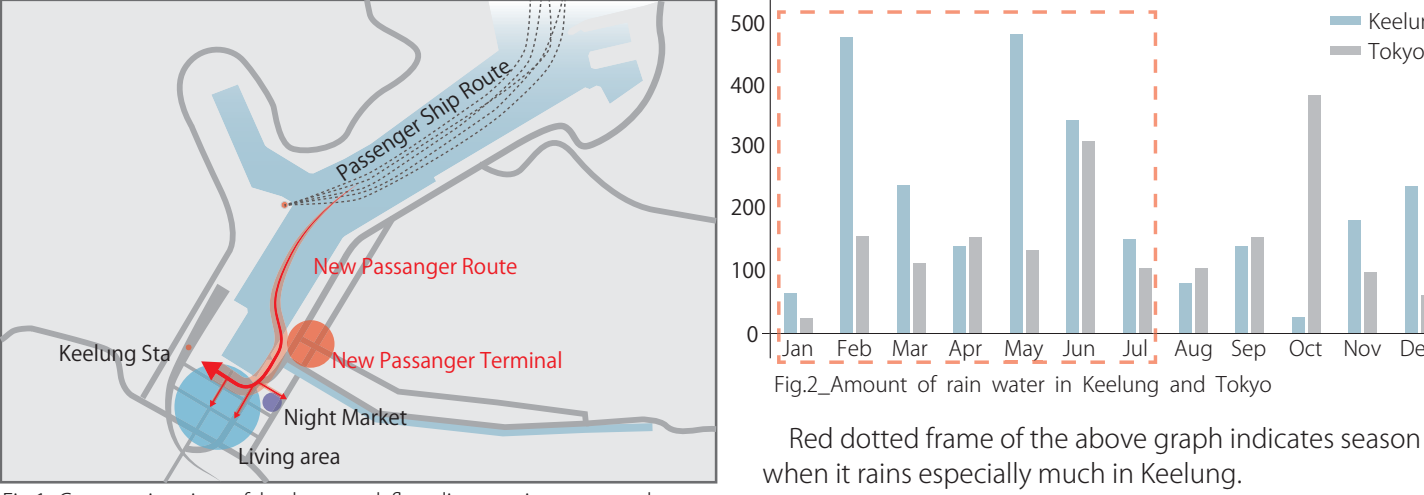


Fig9\_Studying flow way of rainwater

## 2. Proposal -A media harbor that using rainwater, and the pedestrian space-



We focus at 2 problems to Keelung. First, Transportation network of Keelung is a major border that inhibit the flow line of the pedestrian. Second, Keelung is a town with a lot of rainfall. Rain for this city are negative point to restrict people's activities.  
In addition, there is the redevelopment plan that can build the new passenger terminal complex at the east side of the Keelung harbor. And it is expected by this plan to be able to increase a chance to increase a flow of the tourist who visits Keelung (fig1). We propose the space for pedestrian where a person is flowing to the Keelung city fluidly and rain is changing the scenery that attracts people along this redevelopment plan.

## 7. Features of the roof

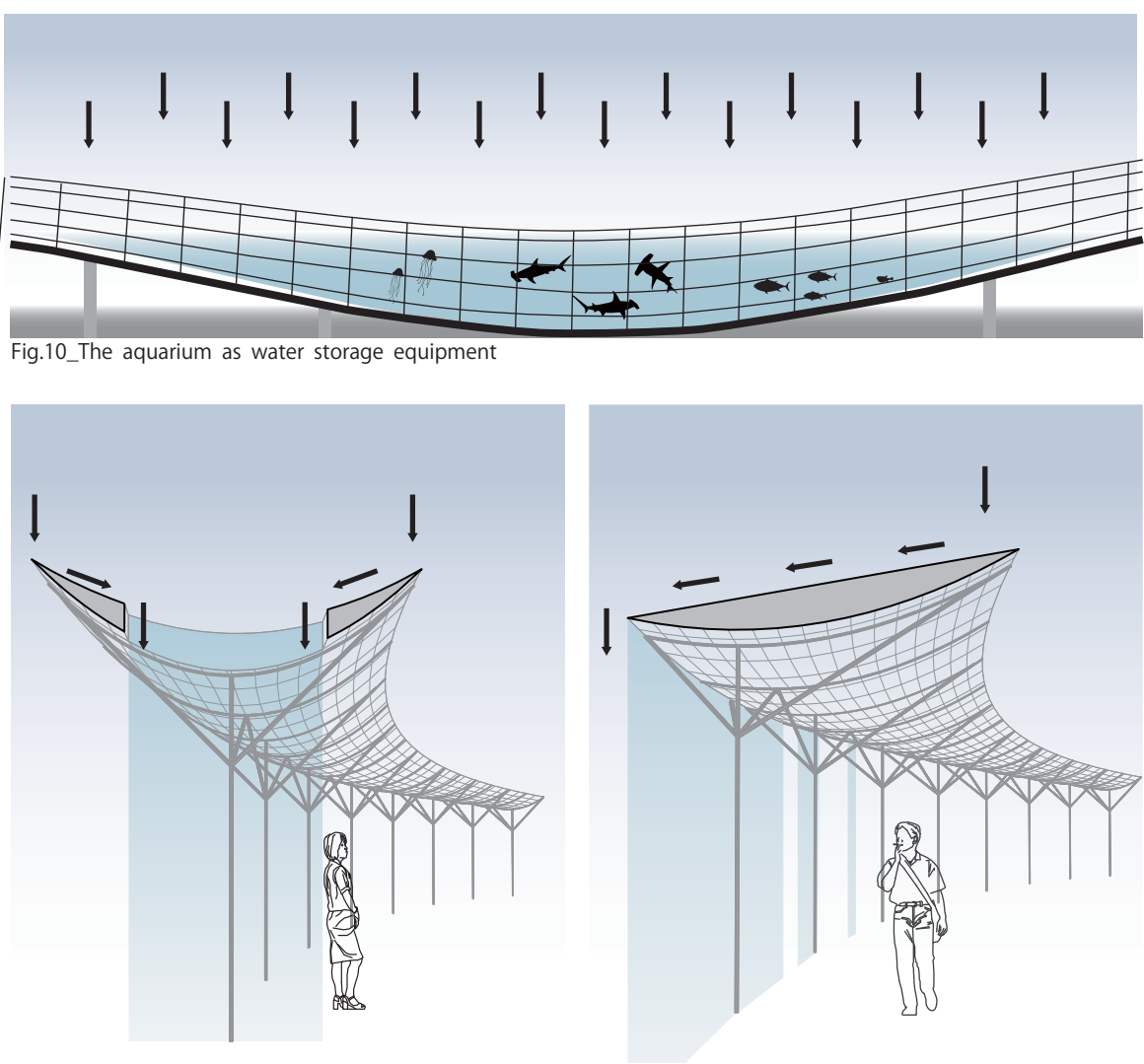
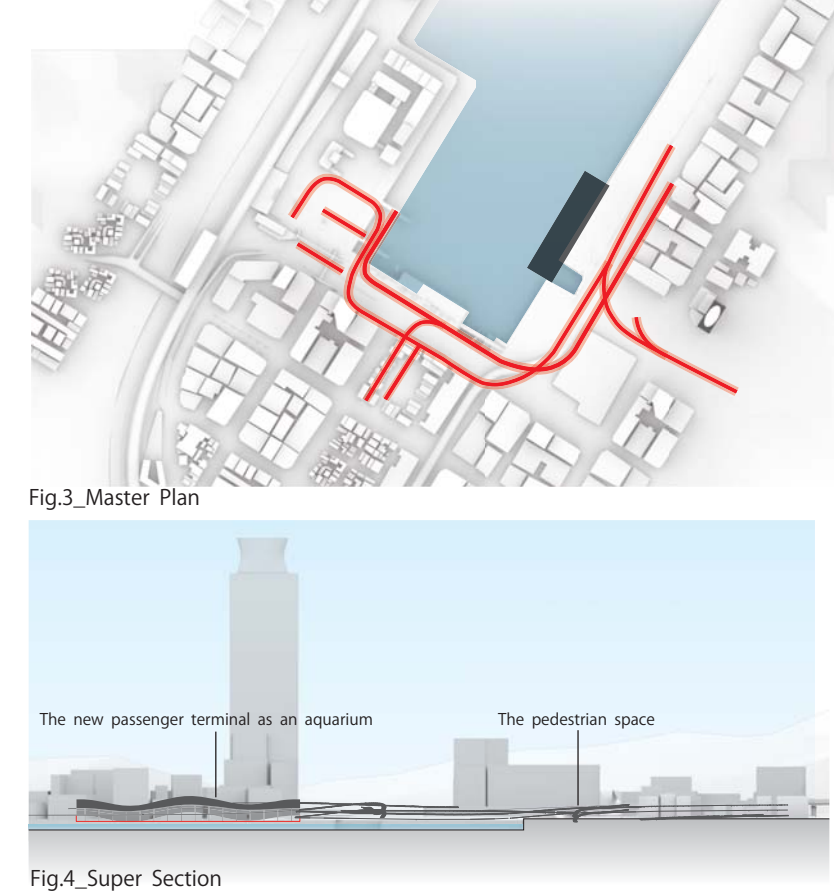


Fig.11\_The roof as drainage equipment

Fig.12\_The roof as water screen

## 3. Overall plan



We propose the three-dimensional walking space which expands a possibility of Keelung. That functions as a new view spot as well as the function of the pedestrian deck.  
For example, we utilize landscape of harbor , mountain and rain to get a view.  
So we propose that it creates a new scenery and new activities in Keelung, and a new tourism resources.  
We plan the new passenger terminal as Aquarium, which also serves as a water storage.  
Pedestrian space extending from the aquarium, that is spreaded around to the night market, the living area, and Keelung station.

## 4. Circulation system of water

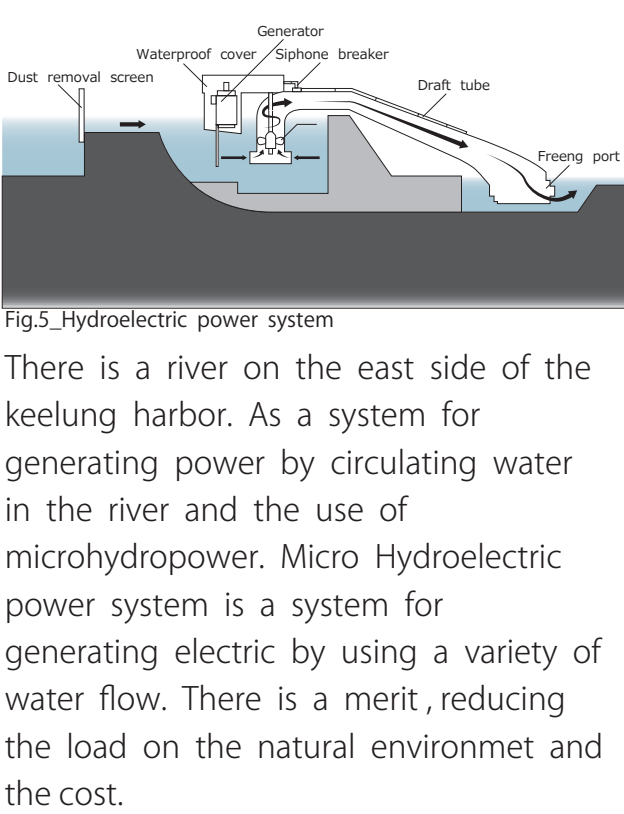


Fig.5\_Hydroelectric power system

Fig.6\_Wind simulation in summer

Fig.7\_Wind simulation in winter

## 5. Wind-power generation

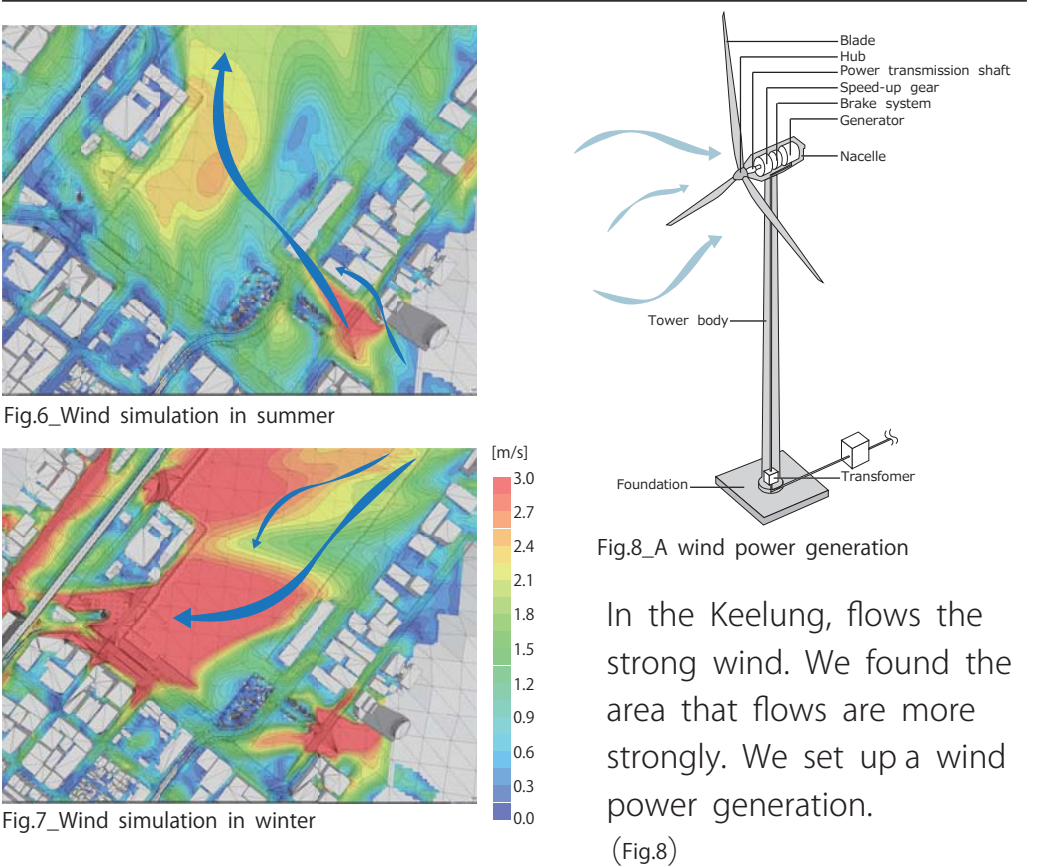


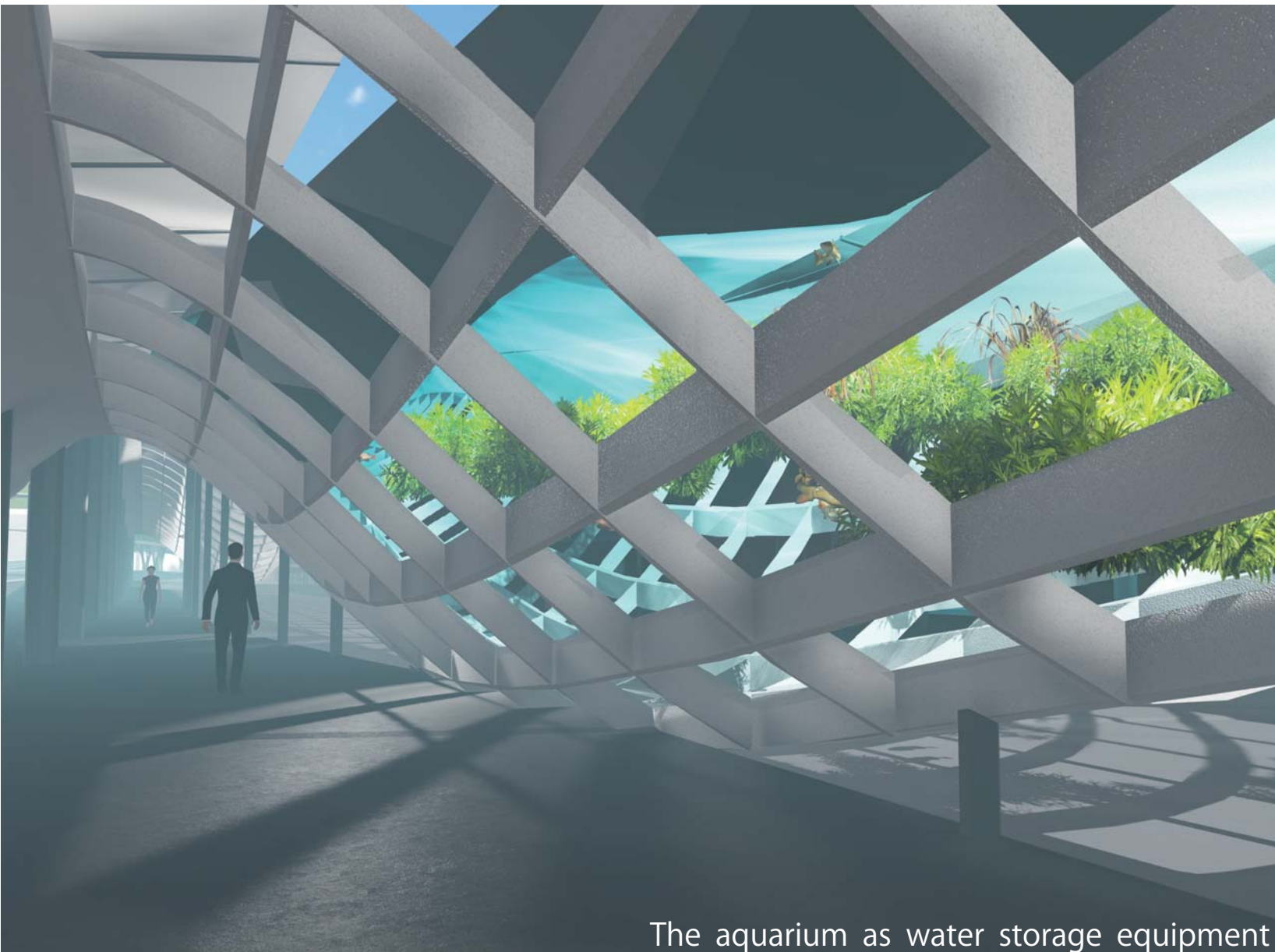
Fig.8\_A wind power generation

Fig.8\_Wind power generation

In the Keelung, flows the strong wind. We found the area that flows are more strongly. We set up a wind power generation.  
(Fig.8)



Night market



The aquarium as water storage equipment