

SB Report in Taiwan Area

According to the report, I divide them based on official, industry and new living culture.

And, I'll talk about the part of new living culture. The key point is the Symbiosis, the long-term research achievement of Archilife Research Foundation.

Archilife Research Foundation proposed Symbiosis from the aspect of living. It is based on the biological sense. We have a vertical planting system beside the construction's wall. Through the dry toilet, our output will be the nutrition of the plants, and the output of plants will be our food. We hope through this high-efficient recycling system, it might help to release the burden of the environment. Also, by the evaporation of plants, it might help cool down the high temperature.

In terms of GB, it should adopt the most efficient structure and build the vertical planting system around the structure to form a green wall. By applying the symbiotic theory to the daylight working model, we can promote the recycling of daily necessities in order to create a self-sufficient lifestyle. In other words, the use of the Solar Energy creates a self-sufficient lifestyle. We call it Symbiotic life, and use the digital instrument to create spiritual product and promote to the whole world to achieve the spiritual life. Finally, we feel happy and healthy.

In order to create a self-sufficient lifestyle, we have four components to form a recycling life, including the vertical planting systems, the nucleic acid meal, the cleaning and the compost. The vertical planting systems can be built beside the

construction's wall to catch the sunshine more easily and their baskets can be also run to absorb the water in the bottom. The wild edible plants and other vegetables can be grown together to reduce infection and pest. It will also form a green wall after these vegetables grow prosperously. In addition to cooling down the environment by sheltering the building from direct exposure to sunlight, this can also help to reduce the workload of air-conditioning and provide a reliable vegetable source. Together with some protein, such as fish contains more nucleic acid, this will become a perfect nucleic acid meal that can provide healthy diets. Waste and wastewater produced from everyday life will be cleaned before entering the recycling system, including the dry toilet, wastewater treatment system etc. For the reason of safety, the compost function of the dry toilet will need a 2-step compost or sterilization before mixing with the soil to produce nutrition for plants. Wastewater will also be feedback to the vertical planting system after treatment in order to form a closed symbiotic recycle.

We believe if we have these four components, it can make the symbiosis come true. Following the accumulation of civilization, these four components can accommodate more micro-scaled or multiple recycling systems to complete the most needed recycling structure under the concept of sustainable development. By doing so, it will be easier for us to spread the idea of symbiosis from a single building to the entire society and even a country and build recycling society in order to reduce the workload of environment and to make the developments of human-beings will not be the burden of the environment. While human is the center of this recycling system, human and green plants together form the foundation for symbiotic recycle, because by using solar energy, air and water, green plants form the environment for human survival and provide us food. Green plants have long been existed in our environment. While they have already formed the mimicry in nature with soil, microorganisms and insects, they are resistant with one another during the course of evolution. Therefore, we need to understand the position of food chain in nature and we can use the mechanism of symbiosis. If we understand the mechanism of symbiosis, we can use artificial treatment to

expand its survival quality and quantity to support further development. In doing so, we need to protect the nature and the environment as the foundation for sustainable use on the one hand, and to promote further development by selecting the required species to achieve sustainability on the other hand.

Above is the regional report in Taiwan from the aspects of official, industry, and new living culture. In the face of energy crisis and climate change, it's time to make some revolutionary changes to achieve SB by combining GB and symbiosis and share part of responsibility in sustainable development. Let's do something to sustain the human future.