



Smart House on a Floating Island

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Contents

01 Anping Under Global Warming

03 Possible Difficulties on Floating Islands

05 Our design

02 Is a Smart Floating Island Feasible?

04 Solution



01 Anping Under Global Warming

Some areas in Taiwan will soon be flooded.
For example, presidential palace and Tamsui
Fisherman's Wharf will soon be submerged.

Some places
in
Taiwan are
in
danger!?



<https://youtu.be/fdPTwos-yno>

How do we save the environment?

1. Go out and take a green vehicle
2. Sorting the waste
3. Bring your own shopping bag
4. Participate in beach cleaning activities
5. Growing potted plants indoors



02

Is a Smart Floating Island Feasible?



Is a smart floating island feasible?

Many countries like Denmark and South Korea have begun to design smart floating islands, such as the floating island park in Denmark, and the floating city in South Korea.



Floating Island

Global warming is getting worse and the sea level is rising. In the past, in order to build more buildings, we reclaimed land from the sea, but this also destroyed the environment. Therefore, we began to look for ways to coexist with lives on the Earth.



格陵蘭島冰層10年內融冰3.5兆噸全球洪災風險升高 | 前往



YaHoo奇摩填海造陸可行嗎？

A smart floating island is feasible

Some countries have begun to build floating islands, which brings the hope of building floating islands a step further, and we can set up **public places** on smart floating islands.



紐約海上漂浮公園Little Island！海澤維克打造132



03

Possible Difficulties on a Floating Island



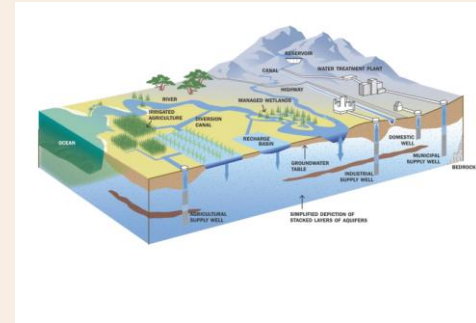
Problem of Food

The significantly increased production costs are also reflected in food prices. In 2020, the Middle East and North Africa accounted for 20% of the world's severely food insecure population, and millions of people live in extreme poverty, so food prices have increased. Since the transportation would lead to extra cost, food source and the cost are both potential problem.



Water Source Problem

Freshwater resources are limited on Earth. A very small part of the freshwater comes from seawater desalination. Surrounded by the ocean and disconnected from the mainland, seawater desalination may be the best choice for providing freshwater. However, it does not only cost, but also do harm to the environment.





04

Solution



Smart House Food Solutions

We can plant edible plants as much as possible on the floating island, which solves the food problem as well as beautifying the environment. We can use fluorescent lights to grow fruits and vegetables indoors. We may also try aquaponics



Smart House Food Solutions



As we mentioned aquaponics, fish could be our food source. We can also raise pigs and cows or other livestock in smart houses.

Their manure will be good fertilizer to the soil.





05

Our design



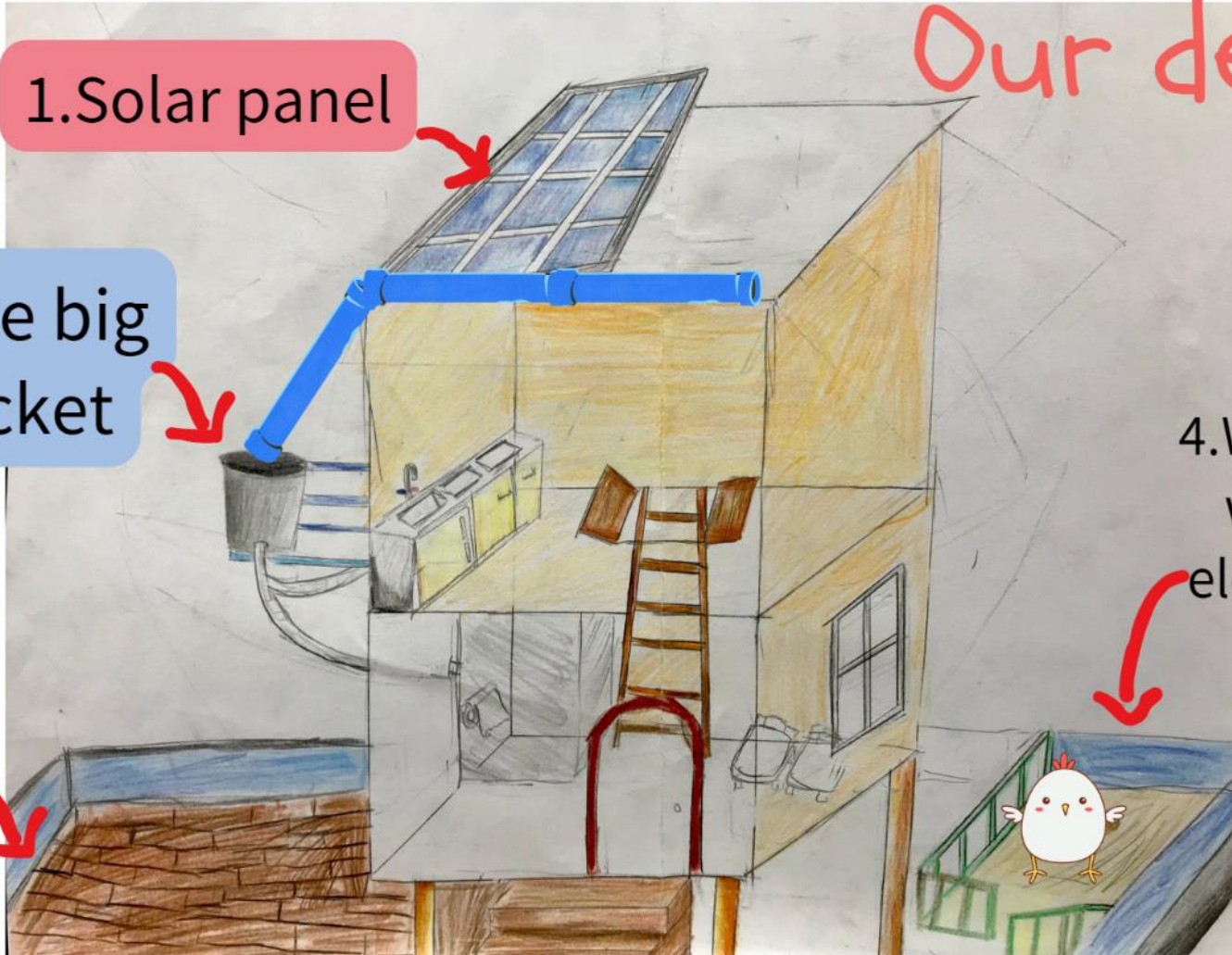
Our design

1. Solar panel

2. The big bucket

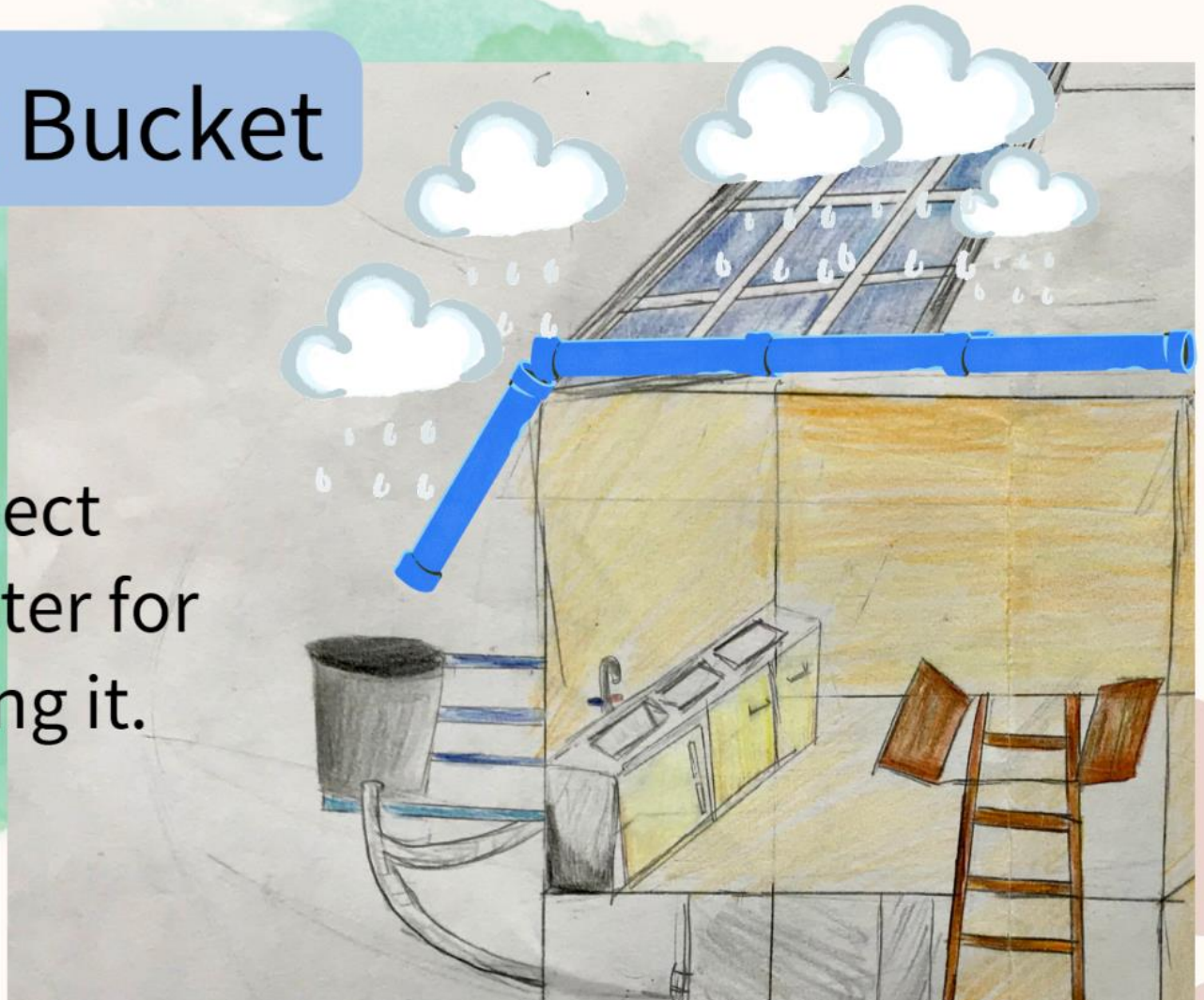
3. Reuse water for vegetable garden

4. We can save water and electricity for animals.

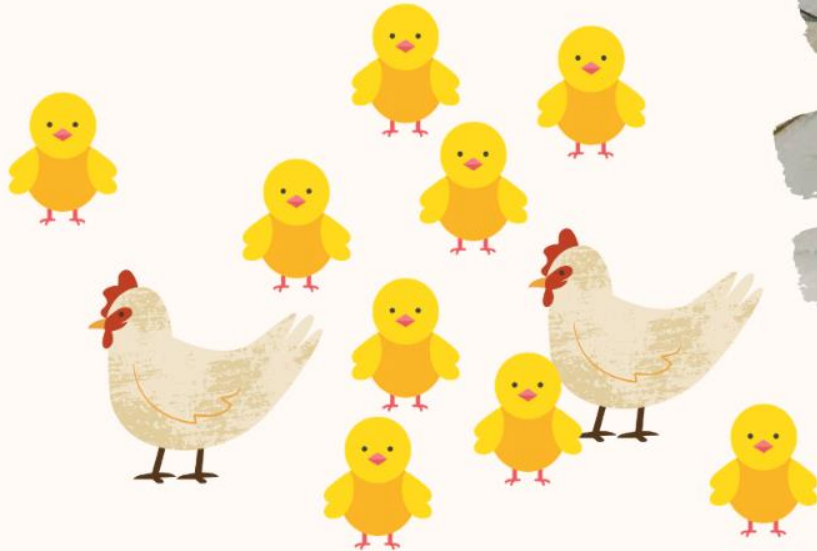


2.The Big Bucket

- Collect rainwater for reusing it.



- We can use the collected water for gardening and raising animals.





Thanks for Listening