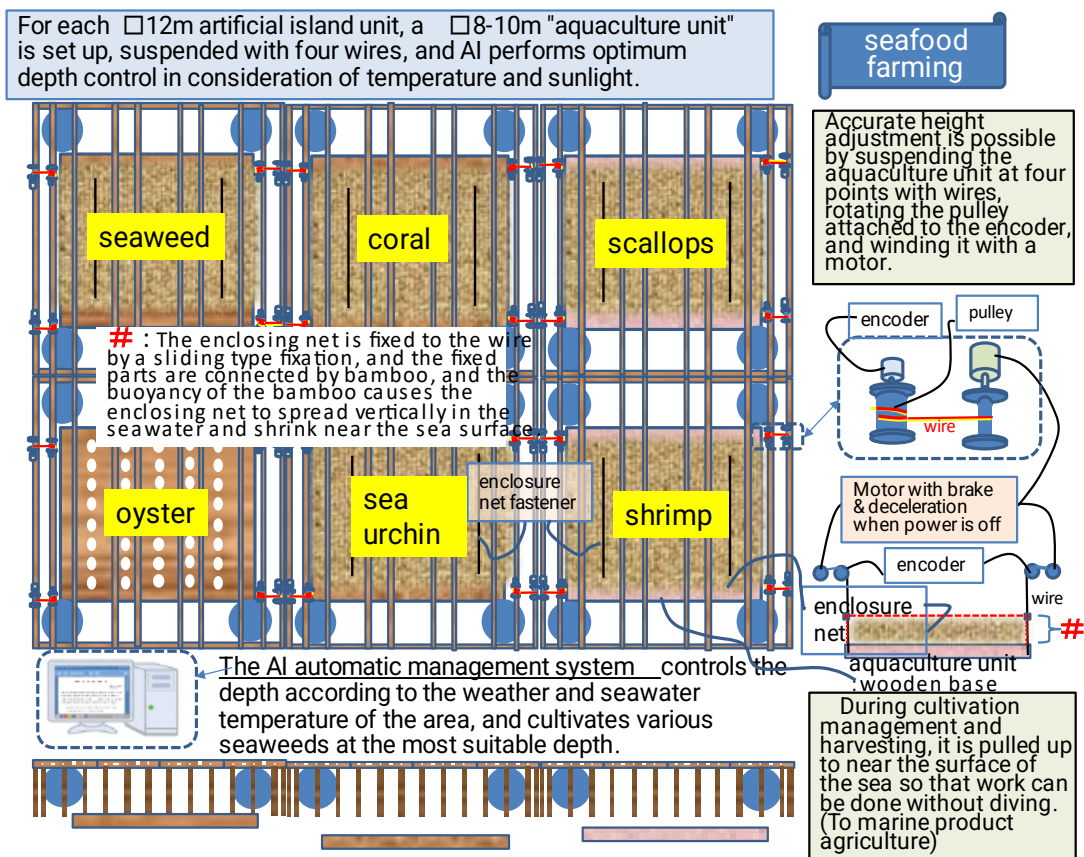


# Seafood agriculture on artificial wooden islands will change the world's food culture and solve the world's food crisis.

## <Seafood Agriculture>

Seafood agriculture is a type of marine product that can be cultivated and harvested as if it were farming. In the case of fish farming, large-scale nets are laid between and under artificial wooden islands, allowing fish to migrate over a wide area. You can easily create a fish farm that can be used, pull up the net to near the surface of the sea, and harvest fish from the wooden artificial island with a "cat net".

In addition, the aquaculture unit can be hung from a wooden artificial island with a wire, pulled up to near the sea surface, and submerged in seawater up to just below the knee or crotch, without submerging in the sea. Instead, we call it "seafood farming."

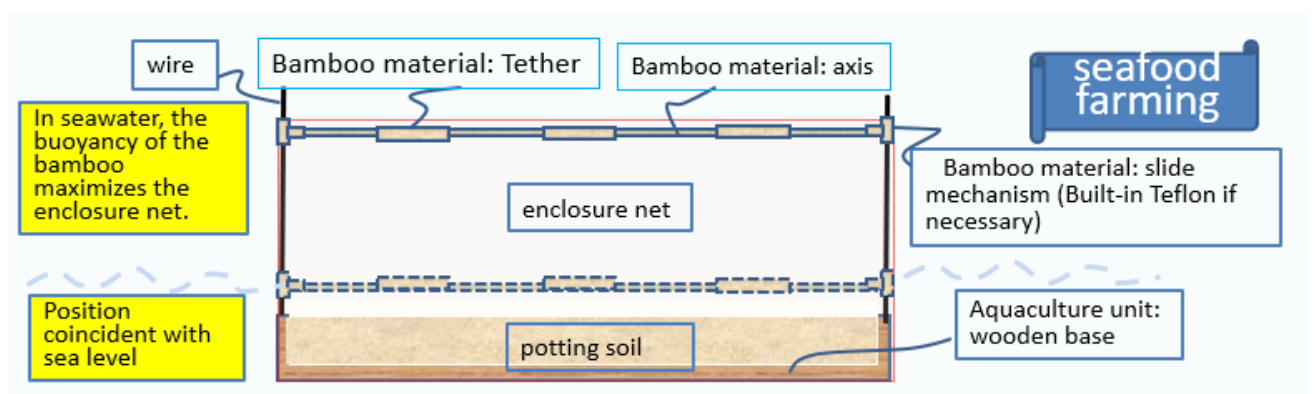


Moreover, agriculture in the sea and lakes will become possible, and large-scale agriculture will become possible even in areas where conventional crops do not grow.

An "enclosure net" is placed above the aquaculture unit, four wires are passed through bamboo, and the bamboo is used as a frame to hang a mosquito net. prevent spills or spills.

The "enclosing net" is fixed at the wire part in a sliding manner, and the fixed parts are connected by bamboo. Since the aquaculture unit rises and the bamboo remains at sea level, the "enclosure net" becomes concave vertically, making it possible to perform various operations without submerging in seawater. (→ farm work)

In addition, a plurality of fasteners are set on the upper part of the "enclosure net", and the fasteners are opened when agricultural work is performed.



In addition, raising and lowering the aquaculture unit can be operated as if it were a remote control using a smartphone app while being remotely controlled via an AI server.

Wearing long boots that go up to the waist, you can feed and nourish them and harvest them in the seawater from knee to crotch as if you were working on a farm.



There is no need to plow fields, weed, or worry about external enemies (wild boars, bears, etc.), and there is no need to buy land.

As described above, the benefits of wooden artificial islands are:

1. "Wooden artificial island + tidal power generation + tree type" can achieve global greenhouse gas emissions of  $\pm 0$  before 2050.

2. With "wooden artificial islands + fish farming + seaweed farming", the world's food culture will shift from "meat to fish" and "vegetables to seafood and desalination", approaching local production for local consumption and self-sufficiency. (In the distant future, grazing cattle and pigs will become possible, and we will return to meat and vegetables again.)

3. By cultivating "seafood and freshwater products" on artificial wooden islands, it is possible to increase photosynthesis and reduce CO<sub>2</sub> itself.

4. Utilizing the abundant power of the wooden artificial island "tidal power generation + tree type", we will develop "hydroponics" by desalinating seawater and vegetables that can be cultivated even in salt water, and not only seafood but also agricultural products will be drastic. can be increased.

5. By narrowing (tightening) the tidal current between the artificial wooden islands and collecting marine debris there (when a certain amount of garbage accumulates, the robot automatically puts it into the collection box on the artificial island), it is possible to purify the sea.

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It is said that more than 1 billion hectares of agricultural land around the world is suffering from salt damage due to rising sea levels caused by global warming.

When seawater infiltrates into the groundwater table due to sea level rise, the groundwater is salted even in inland areas far from the coastline.

Soil exposed to seawater due to floods and storm surges becomes difficult to cultivate due to salt damage.

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<Conclusion>

Rapid expansion of renewable energy (= drastic reduction of fossil fuels and countermeasures against fossil fuel depletion), expansion of agriculture of various marine products (= significant contribution to global food shortages, prevention of overfishing and depletion of marine resources), forests the effective use and circulation of water, and the artificial wooden island will connect the dream of building an ocean city.