Can a person live underwater?

Before we colonize Mars, we can develop something closer to home: for example, our oceans. Belgian architect Vincent Calebaut came up with a magnificent design for an oceanscraper that clearly proves the fact that a person can live under water..

Giant waste streams litter the seas and oceans around the world.

In order to recycle and reuse water-polluting waste, the architect Vincent Calebaut designed the Aquarea project:

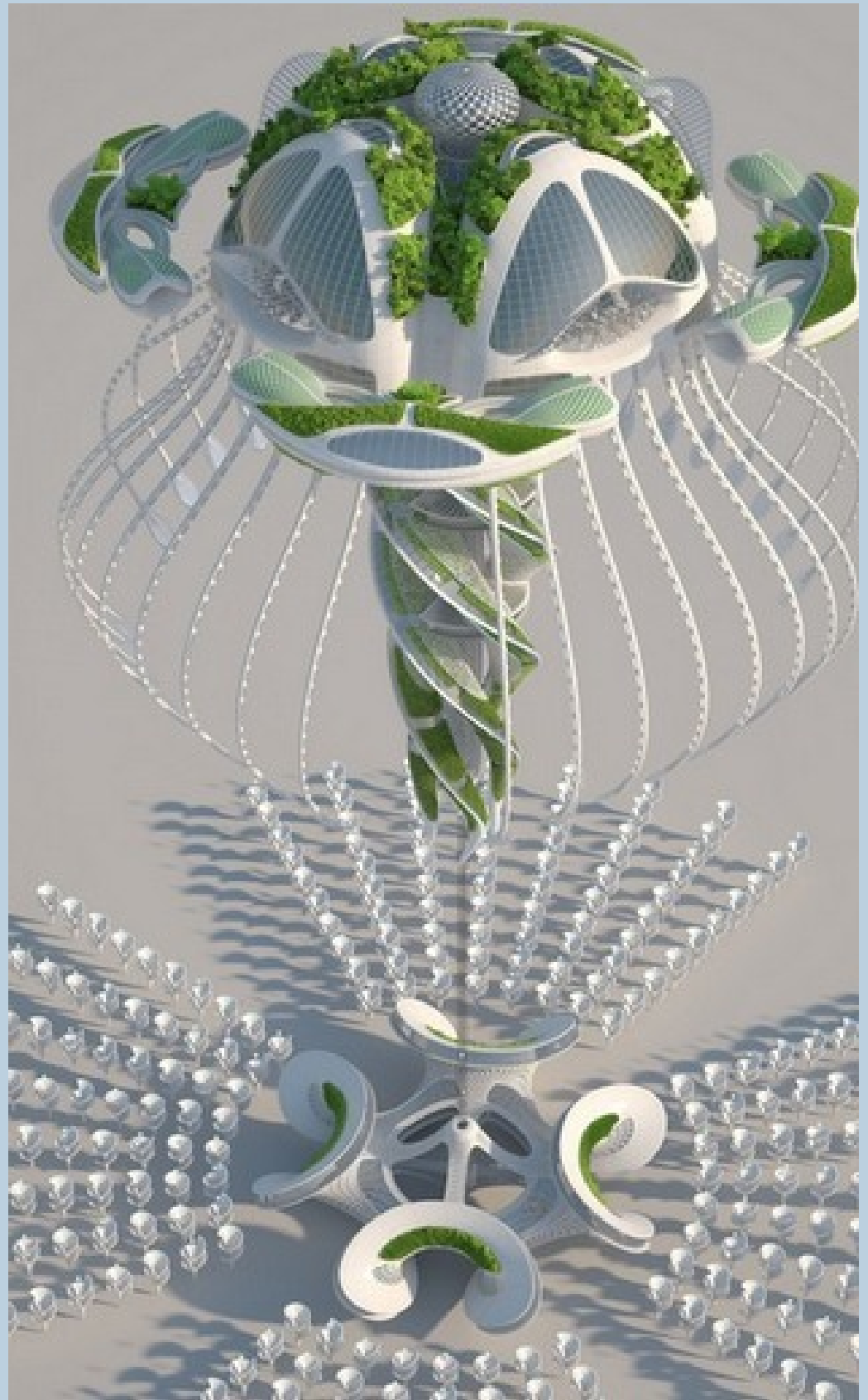This project answers the question of how to build a house underwater. This is a real sea city, printed on a 3D printer from waste. A magical utopia for the future generation of residents...

Kalebo has designed a series of sustainable marine cooperatives, each of which can accommodate up to 20,000 people. Oceanscrapers "Avkvorei" – these are the same skyscrapers, only located in the ocean.

Environmental friendliness of the project

Due to their design, ocean scrapers will not adversely affect the natural movement of water in the ocean, their strange geometry is also justified by the fact that strong currents, storms, earthquakes will not disturb the future inhabitants of Aquarea.

The scale of the oceanscrapers is grandiose: they will reach a depth of 1000 meters, going down 250 floors. Each complex will include residential spaces, hotels, sports fields and science labs.
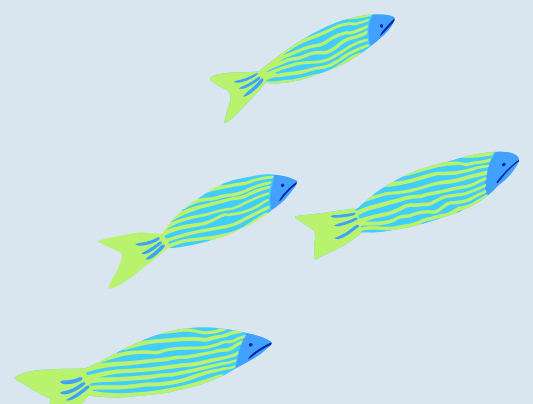
Underwater city lighting

Through the use of aragonite (a carbonate class mineral) as a window material, Aquarea will be able to limit about 2,500 tons of carbon dioxide emissions per square kilometer annually.

Thirty-two tentacles of the "jellyfish" structure will allow the structure to be stable and produce its own ocean wave energy.

Bioluminescence (the ability of living organisms to glow) is achieved through the use of symbiotic organisms containing luciferin (a molecule that produces light during the oxidation process). This concept will be used in the project for double glazing of apartments, that is, the light from the surface of the water will reach the living quarters.

Thanks for attention!

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