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Japan's Floating City

How do you think rising sea levels could impact people living in coastal areas?



N-Ark, a Japanese company, is working on building a unique and innovative city - and it floats! Dogen City aims to provide a safe home for people, as sea levels rise due to climate change. This floating city is meant to help protect coastal areas, and create a new way of living for the future. Dogen City will be designed to house about 10,000 full-time residents and host about 30,000 visitors. Covering around four square kilometers, it will include homes, offices, shops, and even floating farms. It will, of course, offer the basics of any city such as hospitals, schools, sports areas, and parks. The city will be completely self-sufficient, meaning it can produce its own food, energy, and clean water. One of the goals of Dogen City is to create a healthy living environment, focusing on physical and mental well-being. The city will look like a large floating circle with a central hub where important services, like healthcare and energy production, will be located. The reason for the circular shape is to protect residents from natural disasters like tsunamis. From this round

hub, different sections will extend outward, including places for living, working, and relaxing. The city will be designed with two layers - the top layer will be dedicated to the residents of the city. The bottom layer will be located under the sea, and will be used mainly for research, development, and management, which will include the use of artificial intelligence (AI) to manage the city's infrastructure.

Right now, N-Ark is still in the planning and early construction stages. Engineers are studying how the city will handle being on water and whether it can survive storms and other challenges. The goal is to have the city completed by 2030. Japan isn't the only country working on floating cities. The Maldives and South Korea are also planning similar projects to protect their people from rising sea levels. While many floating city projects are being discussed, Dogen City stands out for its focus on technology and health.

"We're not just building a floating city," a spokesperson from N-Ark said. "We are creating a model for future cities that can adapt to climate change and improve the quality of life for people all over the world."

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Questions for Japan's Floating City

1. What is Dogen City designed to protect people from?

- ☐ Extreme heat
- ☐ Enemies
- ☐ Rising sea levels
- ☐ Forest fires

2. Which of the following is NOT true about Dogen City?

- ☐ It will be completely self-sufficient.
- ☐ It will house 10,000 full-time residents.
- ☐ It will rely on food from other countries.
- ☐ It will have two layers, including an underwater section.

3. The city is designed in a circular shape to...

- ☐ allow more people to live in it.
- ☐ make transportation easier.
- ☐ protect against natural disasters.
- ☐ give it a futuristic look.

4. According to the article, what is the purpose of the bottom layer of Dogen City?

- ☐ It will be used for storing food and supplies.
- ☐ It will house shops, parks, and sports areas.
- ☐ It will be used for research and management.
- ☐ It will be a place for visitors to stay.

5. Japan is the only country that is designing a floating city.

- ☐ True
- ☐ False
- ☐ We don't know.



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