



The floating home concept | Photo source rca.ac.uk

Innovation > Architecture & Design > Two-story floating homes extend city living for coastal communities

TWO-STORY FLOATING HOMES EXTEND CITY LIVING FOR COASTAL COMMUNITIES

  ARCHITECTURE & DESIGN

Built for residents facing rising sea levels, the structures filter and store water and run on solar and electric energy

Spotted: Art school graduate student Wojciech Morsztyn's floating concept home is a largely self-sustainable, two-story structure, powered by renewable energy. Created as an alternative solution to rising sea levels, the homes can be anchored together in clusters. Ideally located only metres away from a city's coast, each Ocean Community will connect individual homes via walkways. When tethered together, multiple communities could form larger neighbourhoods.

Each floating home runs off a mixture of solar and electrical energy, and filters and stores water. Due to each community's proximity to the shore, Morsztyn envisions residents travelling to and from the mainland quickly and easily, as per regular urban commuters. As well as being of interest to individual homeowners, the hospitality industry is likely to show interest in offering the floating homes as additional accommodation.

Potentially, the homes could be available commercially within 10 to 15 years, and their suggested cost is expected to be around €174,000. Further development of the idea includes expanding renewable energy sources, to enable a community to live completely off-grid.

Other ideas spotted by Springwise, for making coastal communities more resilient, include modular, [bamboo-based](#) ocean cities, and [floating farms](#) that provide fresh dairy products.

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Email: wojciech.morsztyn@network.rca.ac.uk

Website: rca.ac.uk/students/wojciech-morsztyn

Takeaway:

Building and accommodating for future climates is an ongoing challenge and one that is being approached in a variety of ways. From finding new ways to harvest potable water to creating natural disaster-resistant homes, the global population has a growing range of sustainable living options available. For truly long-term, sustainable living solutions, however, such innovations must by necessity work with programmes aiming to improve access to ecologically friendly food sources.