



The modular floating home design is marine-friendly | Photo source [MAST](#)

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FLOATING HOME CONCEPT MADE FROM RECYCLED MATERIALS

 ARCHITECTURE & DESIGN

The modular structures support marine ecosystems

Spotted: Floating homes are increasingly seen as a viable housing option. Copenhagen-based MAST architecture studio's concept of modular structures makes the idea sustainable by building with recycled materials and incorporating marine-friendly shapes into the design.

Called Land on Water, the studio's concept uses flat-packed modules made from recycled plastic to create the floating base. Designed to be easy to ship and assemble, the system is customisable. Once the bases are built, they can be connected in a variety of configurations, providing everything from a floating pool to homes and recreation space. More or less support can be added as needed as a community develops and changes.

MAST uses gabion construction for the bases, which is a series of mesh cages filled with flotation supports. In this case, the studio recommends locally sourced, recycled materials. Sea creatures can live safely in, on, and around the cages, and the studio explicitly eliminates harmful chemicals and other materials from the design in order to better support and live in partnership with marine life.

Currently working on a prototype, the studio seeks partners interested in developing the concept for a range of projects.

As well as floating homes, Springwise has spotted floating [work pods](#) and [floating solar farms](#) taking advantage of the flexibility of working with water, rather than against it.

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Takeaway:

MAST is not the only studio looking at floating homes. Currently under construction, a [community](#) of floating homes off the shore of Panama plans to open for the first residents to move in by the end of 2023. Utilising technology and sustainable practices for builds like this, alongside community support initiatives, could help make new homes for underhoused groups struggling to find a place to live in many of the world's urban centres. Making floating homes affordable could help governments seeking solutions to overcrowding and homelessness, among other ongoing housing crises. And with sustainability a key tenet of the new builds, floating housing developments could help solve, rather than contribute to, the climate emergency.