



# Luxury Green Floating Home With Solar Panels and Excellent Insulation

Arkup’s homes will be fully self-sustaining

06 APRIL 2019 FROM [PAUL MÜNZNER](#)



Arkup’s homes will be fully self-sustaining (Arkup & Waterstudio)

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If you’re attracted to yachting and luxury waterfront living, you might just combine the two with Arkup’s livable yachts. Designed by Koen Olthuis with Waterstudio in collaboration with Arkup, the structures can be docked in marinas or bays, and hydraulic pilings then raise the structure above

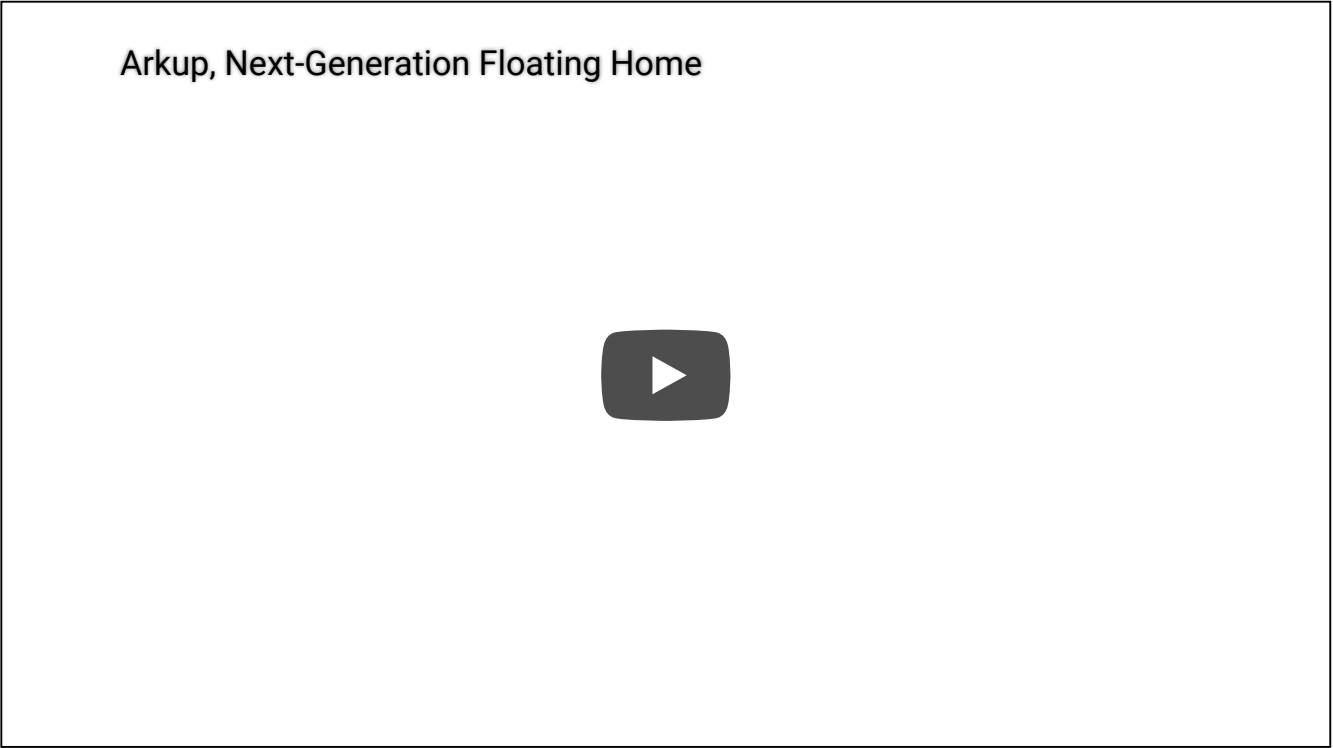
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the water level protecting it from the action of the waves. In fact, the company claims that its “yachts” will withstand severe storms and floods.

## Excellent Insulation + 30 kW Solar Panels + 1,000 kWh Lithium-Ion Batteries



Adding to the attraction, Arkup’s homes will be fully **self-sustaining**. **Solar energy** powers the cube-like living structures, and environmentally-friendly **waste** management systems, **water** purification plants, and rainwater tanks ensure that the environmental footprint of the homes is minimal.



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Spaciousness and luxury are part of the package. The living room alone measures 775 square feet, and the units include a kitchen, a bedroom, a dining area, and a rooftop lounge. The front façade consists of sliding doors that lead out onto a terrace. To complete the luxury ambiance, Arkup has partnered with Artefacto, a Brazilian company specializing in sustainable, luxury furnishings.

## Propelled By a Pair of 100 kW Electric Azimuth Thrusters

While living in a sustainable Arkup home will certainly be a delightful experience, local reaction to the blockish, two-story high structures being docked alongside the coast in the medium to long term may be not always positive.

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Skyline view from the terrace (Arkup & Waterstudio)

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Living room (Arkup & Waterstudio)

The visual footprint of coastal homes is already controversial when they block views, and if they should prove popular, local residents are bound to object to an array of elite **Arkup** homes obstructing the waterside vista. Nevertheless, with rising ocean levels and the expected increase in the frequency of severe storms, the homes may yet prove to be a waterfront prototype of a workable future solution.

It can be yours for USD5.5million.

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Interior design with kitchen (Arkup & Waterstudio)



Skyline view with Arkup's green floating home (Arkup & Waterstudio)

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Ground floor (Arkup & Waterstudio)



Floor plan of the second floor (Arkup & Waterstudio)

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Top view of the roof with solar panels (Arkup & Waterstudio)



Rendering of elevated floating home (Arkup & Waterstudio)

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Swimming floating home (Arkup & Waterstudio)



Terrace of the green floating home invites for relaxing (Arkup & Waterstudio)

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