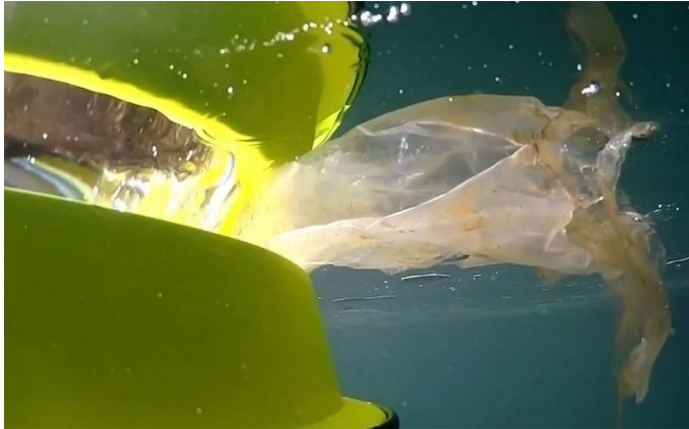


Floating Seabin Trash Collector Could Rid the Oceans of Plastic Waste

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The automated [Seabin marine waste collector](#) demonstrates how sometimes the simplest solutions are the most effective. The rubbish bin, designed to float in marinas, inland waterways, residential lakes and harbors, catches floating debris and liquids by sucking water from the surface and letting it flow out through the bottom of the structure, trapping waste in a catch bag. The designers have even used plastics caught in their first Seabin to create another waste collector.

Click here to watch “The Seabin Project | In-Water Automated Marina Rubbish Collector”:
<https://www.youtube.com/watch?v=tiy7WQYQyhY>

The Seabin was designed to operate 24 hours a day, 7 days a week, 365 days a year. It functions best inside marinas and in relatively controlled environments where it catches [plastics](#) and floating liquids. The Seabin is situated on the surface and is plumbed into a shore-based water pump on the dock. The water gets sucked into the bin, bringing floating debris and floating liquids with it. The water then flows out through the bottom of the bin and up into the pump on the dock. The catch bag is made from [natural fiber](#), but there is also an option of installing an oil and water separator. Each Seabin can be operated by one person and, thanks to its small size, can be fitted to yachts.

