



# For Cleaner Oceans

[www.seabinproject.com](http://www.seabinproject.com)

## What is a Seabin?

A Seabin is a device that filters surface water for marine debris<sup>1</sup>. Seabins capture and prevent marine debris and pollutants from entering our oceans where they do significant harm to marine life.

## What can a Seabin collect?

A Seabin captures an estimated 1.4 tons per year (3.9kg per day). It is capable of collecting everything from large pollutants (SL bottles) to microplastics of 2mm in size. Seabins also remove surface oils and fuels.

Globally, food wrappers and cigarette butts are the most common items captured with microplastics and foam pieces.

## How does a Seabin work?

Seabins are fixed to a floating dock which moves with the tide. An impeller drives surface water, at 25,000 litres per hour, through the Seabin.

All floating debris larger than 2mm is captured in the catch bag. Oils and fuels are absorbed in an oil pad. The pump is run on 220V mains electricity.

## How do we maintain the Seabin?

The Seabin catch bag, which can hold up to 20kg (40L), is checked daily and emptied as needed. The entire Seabin is pulled out and cleaned quarterly.

## How can you get involved?

The Seabin Project and Foundation are always looking for people to help with community events, data collection, crowd funding campaigns and more. Please email [contact@seabinproject.com](mailto:contact@seabinproject.com)

## Great, how else can I help?

Reducing your waste and disposing of it properly helps a lot. Using reusable items rather than single use items is a good start also. And if you see litter on the ground, please pick it up and dispose of it properly.

## In a year, each Seabin has the capability to catch



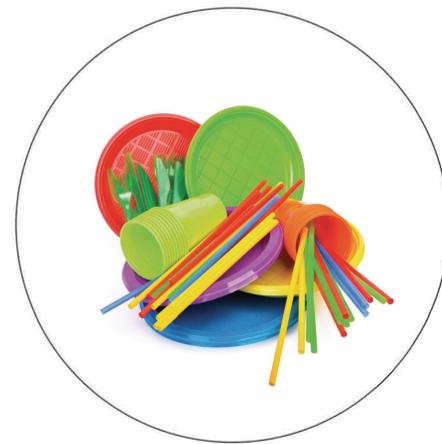
**90,000**  
plastic bags



**35,700**  
disposable cups



**16,500**  
plastic bottles



**166,500**  
plastic utensils

Using your smart phone camera, hover over the QR code and then follow the website link to learn more. Or visit [seabinproject.com](http://seabinproject.com)



<sup>1</sup> Marine debris (or marine litter): any persistent, manufactured or processed solid material discarded, disposed of or abandoned in the marine and coastal environment (UN Environment Program, 2009). Marine debris, microplastics and microfibrils are captured by floating organic matter which is collected in Seabins.

The Seabin Foundation is a not-for-profit fundraising organisation that addresses education, science, research and community projects that result in cleaner oceans.

The Seabins are either managed marina staff, volunteers or by a Seabin Enviro Technician. For enquiries, please contact [contact@seabinproject.com](mailto:contact@seabinproject.com).

**SEABIN**  
**FOUNDATION**<sup>®</sup>  
Because Cleanup Is Not Enough