



Plastic in our Ocean



what is plastic?

Plastic is a man made product that are made of a number of ingredients.

Plastics are made from raw materials like natural gas, oil or plants, which are refined into ethane and propane. Ethane and propane are then treated with heat in a process called "cracking" which turns them into ethylene and propylene. These materials are combined together to create different polymers.



How much plastic is in the ocean?

There is an estimated 75 to 199 million tons of plastic waste currently in our oceans, with a further 33 billion pounds of plastic entering the marine environment every single year.



Every day around 8 million pieces of plastic makes their way into our oceans.

The world produces 381 million tonnes of plastic waste yearly - this is set to double by 2034.

The Great Pacific Garbage Patch is around 1.6 million square kilometers - bigger than Texas.

Whats happens to the plastic in our Ocean?

More than 1 million seabirds and 100,000 marine animals die from plastic pollution every year.

There is now 5.25 trillion macro and micro pieces of plastic in our ocean & 46,000 pieces in every square mile of ocean, weighing up to 269,000 tonnes.

Once the plastic is in the ocean, it decomposes very slowly, breaking into tiny pieces known as microplastics, which can enter the marine food chain and become incredibly damaging to sea life. The main source of ocean plastic pollution is land-based—80% of plastic in the ocean originates on land.





What can we do?

Buy in bulk.

Go straw-free.

Bring your own bag.

Properly dispose of fishing line.

Say "no" to balloons.

To-go food without the extra junk.

Look for alternatives.

Avoid products that
contain microplastics.

Bring a reusable water bottle.