

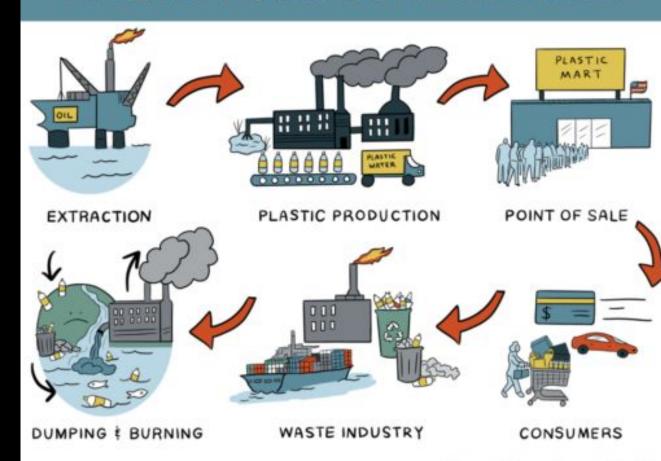
How is plastic produced?





It is estimated that approximately "100 million tons of plastic are generated (globally) each year", and about 10% of that plastic ends up in the oceans.

PLASTIC POLLUTION LIFECYCLE



#breakfreefromplastic

Garbage patches

This high amount of plastics assembles due to currents of water in areas called garbage patches which are like giant islands made of plastics!

These human-caused collections of plastic and other debris, cause ecosystem and environmental problems that affect marine life, contaminate oceans with toxic chemicals, and contribute to greenhouse gas emissions.

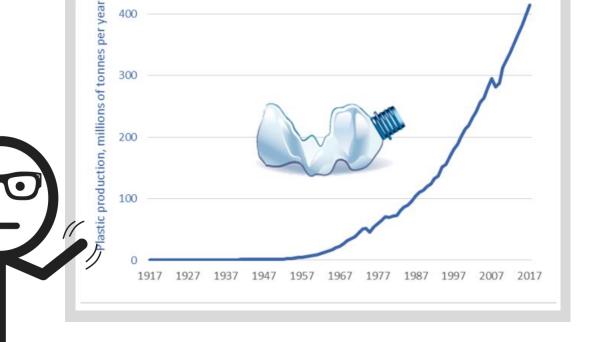
There are multiple patches spread to every ocean.

The best known of these is the Great Pacific garbage patch which has the highest density of marine debris and plastic, visible from space.





In the last 50 years plastic production has skyrocketed



What are you doing about plastic waste?



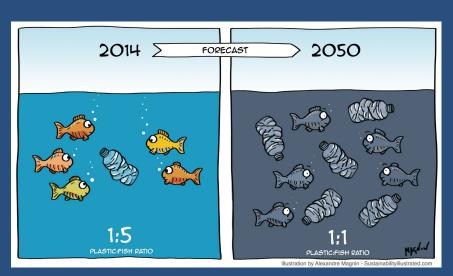
https://europeancommission.medium.com/5-ways-the-eu-is-working-to-fight-plastic-pollution-e6d26500d 47b#:~:text=A%20circular%20economy%20for%20the,consumption%20of%20single%2Duse%20plastic s.

(what has the E U done to reduce the use of plastic)

How are the marine animals affected?

Marine animals may ingest plastic garbage and as a result they may suffer from:

- → Choking
- → Intestinal injury
- → Starvation to death (due to reduction of stomach storage volume)
- → Bioaccumulation of plastic through the food chain
- → Harmful changes in their body chemistry



What marine species are affected?







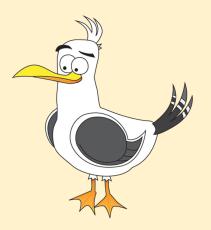
Sea turtles







Sea birds









Marine mammals









How long does it take to decompose?



Plastic bag 10-20 years

Plastic straw up to 200 years

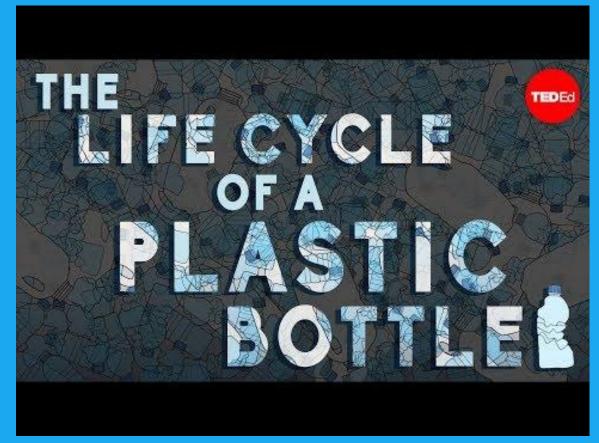


Plastic bottles 450 years





Where do plastic bottles end up?











So, what can we do about ocean plastic pollution?

Everyone can do something to reduce the amount of plastic that enters the ocean, and millions of people worldwide are already taking action to reduce their plastic use.

Plastic pollution of the seas affects each and every one of us. Only if we take immediate action we can stop its rapidly increasing rate. Why not start now from changing little things in our daily routine?

There are lots of ways we can help!













Stop using disposable plastics!

90% of the plastic items in our daily lives are used once and then chucked: grocery bags, plastic wrap, disposable cutlery, straws, coffee-cup lids. Replace them with reusable versions.



Enough with the plastic bottles!

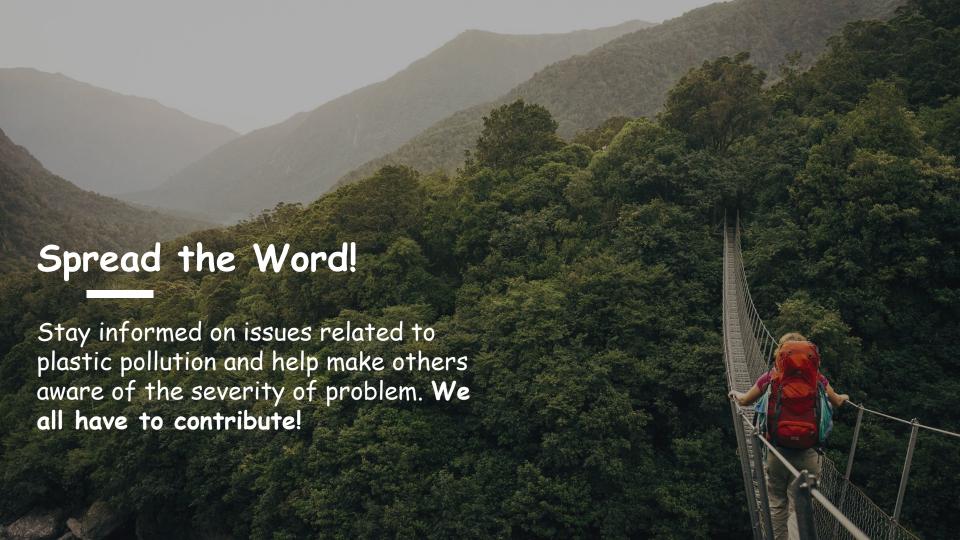
Each year, close to 20 billion plastic bottles are tossed in the trash. Carry a reusable bottle in your bag!



Recycle (duh)!

It seems obvious, but we're not doing a great job of it. For example, less than 14 percent of plastic packaging is recycled.







Thank you for your attention!

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