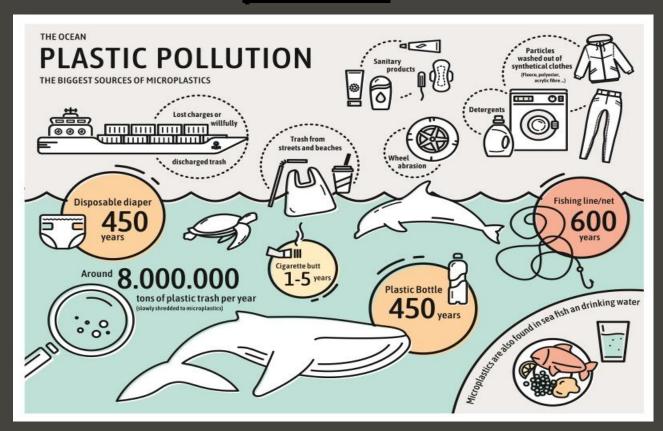
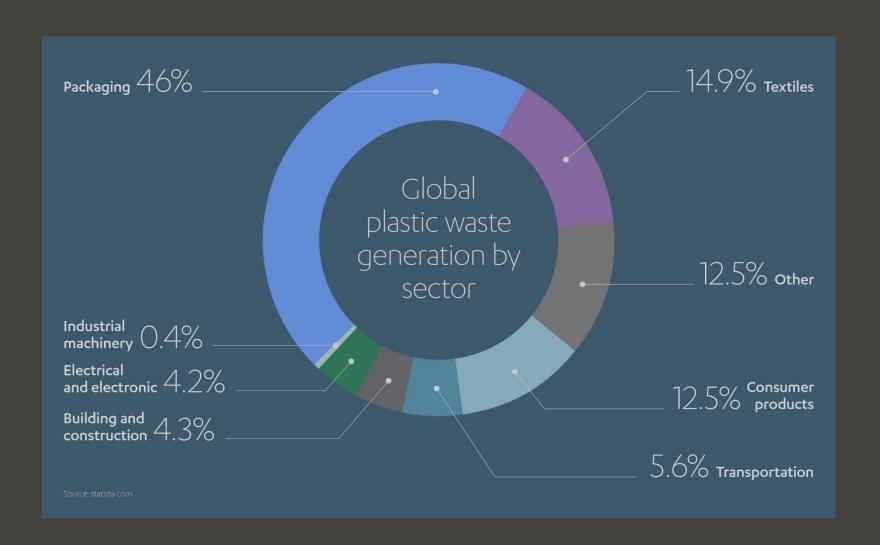
Environmental problems linked to plastic waste

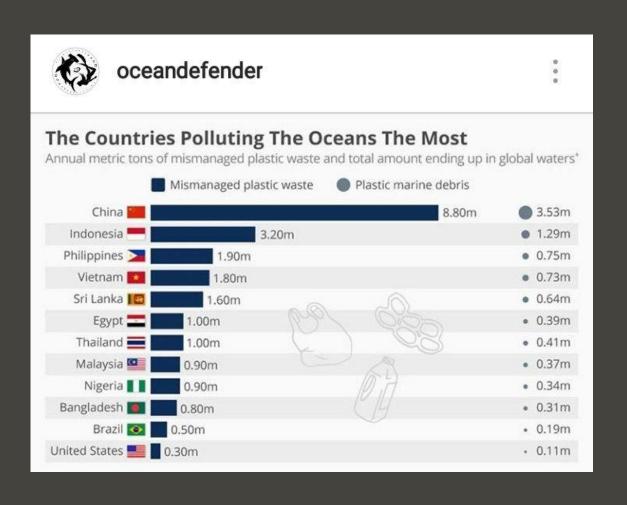
What type of plastics?



Which sector is the most polluting



Who's polluate the most?



Pollution on the continent



The Buriganga River, which runs through the capital of Bangladesh, is now so polluted that there are no fish left.

Since 1950, the global production of plastic has never stopped to increase, It reached a record level of 320 million tonnes in 2015.

Equivalent of 10.1 tonnes of plastic per second !!

Pollution in the oceans

What impacts?



THE OCEAN POLLUTION-BERG

PLASTIC WASTE IS JUST THE TIP OF A LARGER PROBLEM

PLASTIC WASTE





have resulted in direct release of lions of tons of crude oil and other photosynthesis in marine microorganisms that generate



of infants in utero when pregnant mothers eat contaminated seafood can



PESTICIDES

NUTRIENTS

FOR MORE INFORMATION. SEE THE FULL PAPER AT:

http://bit.ly/pollutionberg

DESIGNED IN 2020 BY







Better management of plastic waste

THE WAY FORWARD

Bans on single-use plastic

Banning mercury use

- Chemical control policies Mandatory premarket toxicity testing
- Wide-scale transition to renewable fuels

Eliminating coal combustion

- Bans on persistent organic pollutants (POPs) Control of industrial discharges
- Better treatment of sewage Reduced applications of fertilizers

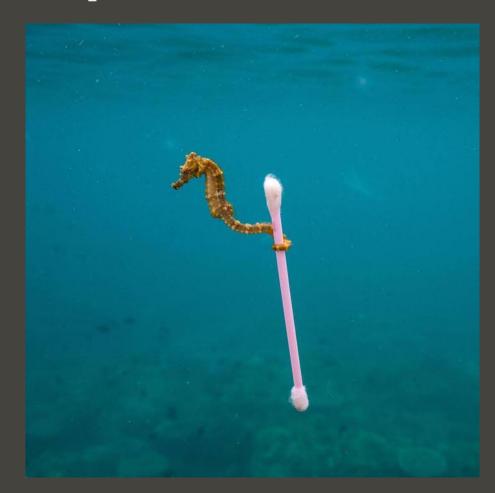




What types of pollution in the oceans

There are some examples:







The 7 continent made of plastics





This company buy our plastics and it has one warehouse for clean and melt it. At the end we have a lot of granule in plastic.

It has an other warehouse, it uses the granules for make recyclable bags. We saw french brand and to british because they work with proximity.

Bio plastic ? French promises!

A french company work out make a plastic with bad algea. So we can see diffrent stages of decomposition of bottol in algea.



Algea plastic

Disappears after

12 weeks



Petroleum plastic

Disappears after

 $250_{\,\text{years}}$

Alternative?

The european government taked different measures. For example with fastfood: we don't have plastic straw but now we have a lid.



As far as when we were child, we could have a plastic toy but now it's uniquely in carton or paper.



Carton, good or not?

YES

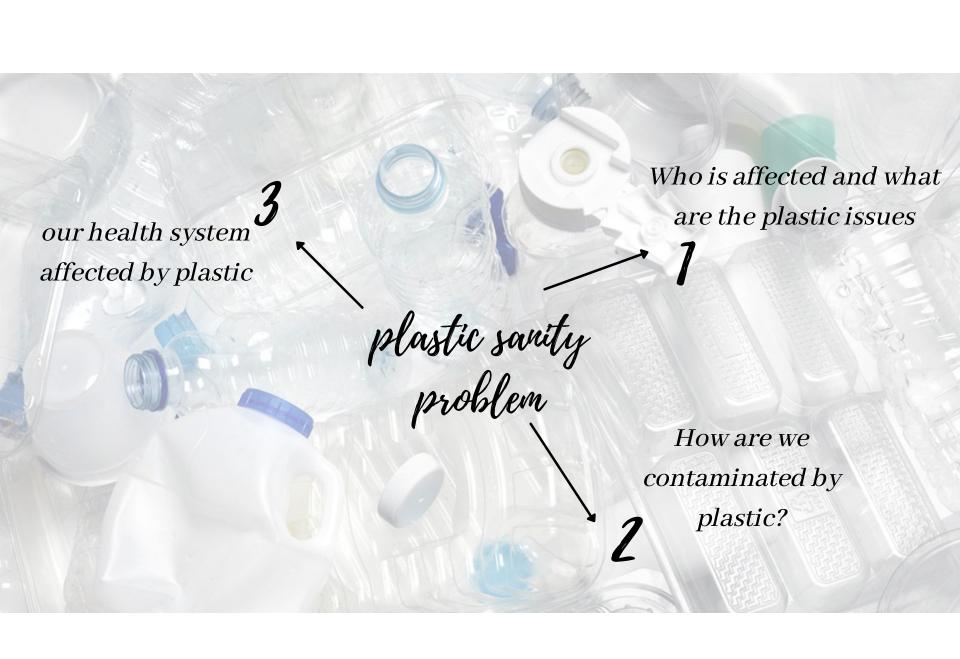
Carton is more biodégradable than plastic.

We can exchange plastic for carton, but is it really good in every points?

Whit carton bag you can use it one time or twice. So we use a lot and more.

NO

When this material is associate with an other like plastic film for a cup because it must not have a leak. In this situation, the recycling is impossible so the polution is concealed but still present.



1

chemical substance of natural or synthetic origin, foreign to the body and likely to interfere with the functioning of the endocrine system

bisphenol and phthalates

endocrine disruptor

the whole world is concerned

89 billion plastic bottles sold pear year worldwide

our body ingests up to
52,000 plastic
microparticles per year

Estimates of the lifespan of plastic range from 450 years to infinity.



