

22 billion

tons of water devoured each year by world tobacco production

Tobacco cultivation involves substantial use of chemicals, such as pesticides, fertilizers, and growth regulators, which contaminate the soil, groundwater, and aquatic ecosystems through runoff.

4.5 trillion

cigarette butts are thrown on the ground and end up in waterways and the ocean

The cigarette butt, a toxic plastic bomb...

Each year, 4.5 trillion cigarette butts are thrown on the ground and end up in waterways and the ocean. These cigarette butts, mainly made of plastic (cellulose acetate), break down into micro and nano plastic particles when exposed to water, releasing the 7,000 toxic chemical substances they contain, such as nicotine, arsenic, mercury, ammonia, and lead. Specifically, nicotine from the butts can seep into water within 24 hours, potentially contaminating up to 1,000 litres of water and persisting in sediments for at least 60 days.



...poisoning marine ecosystems.

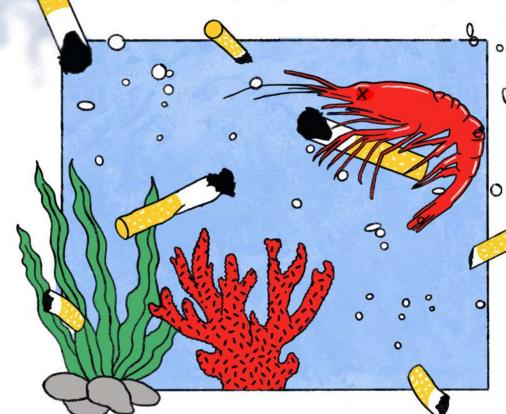
Microplastics and chemicals present in cigarette butts have a profound impact on fauna and flora as soon as they enter the environment:

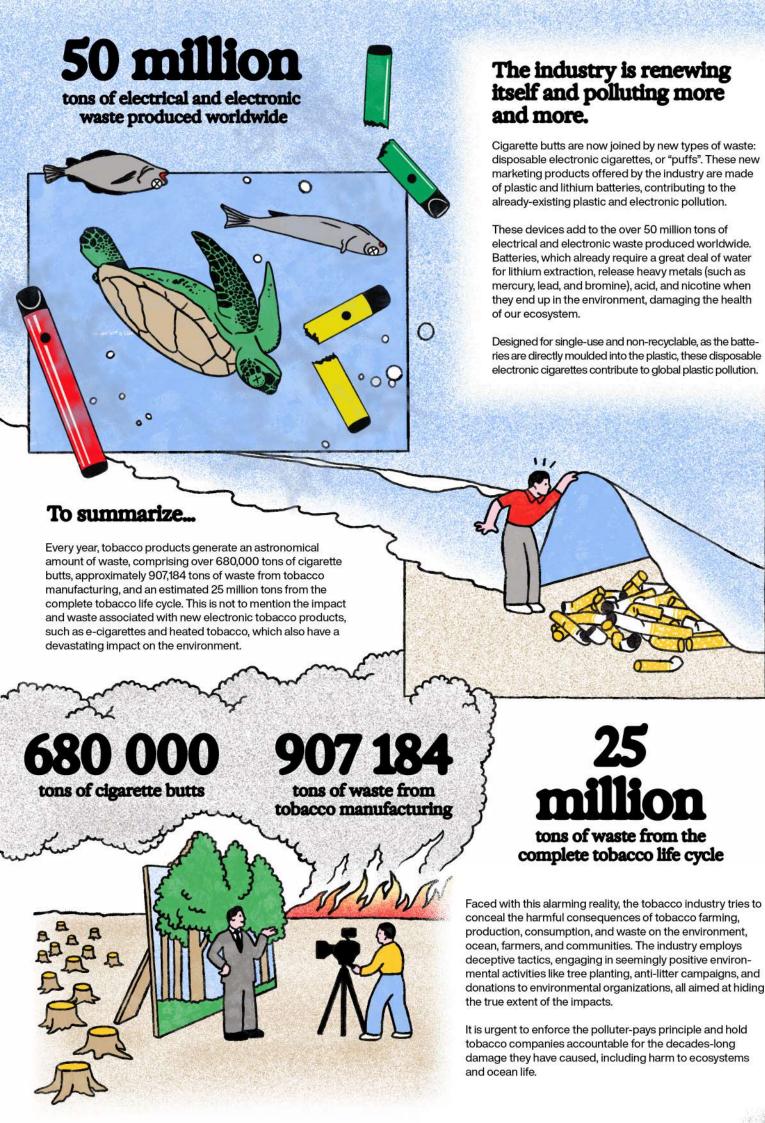
- the growth of marine plants is inhibited, jeopardizing the quality of water and marine life.
- aquatic organisms, birds, mammals, turtles, and crabs can ingest these plastics and pollutants, adversely affecting their behaviour, reproduction, and health.

In fact, laboratory studies further reveal that cigarette butt waste can release enough toxins to cause a 50% mortality rate in fish within 96 hours.

50%

Fish mortality rate within 96 hours caused by cigarette butt toxins







The tobacco industry is also killing the environment. Be aware of the real impacts of this industry and help preserve our ocean by not littering any cigarette butts or tobacco products in the environment.

To quit smoking: WHO quitting toolkit:

https://cdn.who.int/media/docs/default-source/world-no-tobacco-day-2021/ who-quitting-toolkit.pdf?sfvrsn=eb787df5_8&download=true









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