

The pollution in the oceans:

- **First fact of pollution:**



5 trillion cigarettes are purchased worldwide each year, most cigarette butt pollution occurs at “Transition Points”- areas where a smoker must extinguish their cigarette before preceding.

Cigarette butts are made of cellulose acetate, a plastic which persists in the environment. Estimates state they take up to 10 to 15 years to break down. Cigarette butt litter is toxic when wet. Butts emit cadmium, lead, arsenic and zinc into water and soil as they decompose.

Butts contaminate aquatic ecosystems with tar, nicotine, and other potentially deadly substances that can leak into rain water. One cigarette but in approximately 2 gallons of water is lethal to small crustaceans. Cigarette butts have been found in fish, birds, sea turtles and other.

Cigarette butts have been found in fish, birds, sea turtles and other marine creatures who mistakes the butt of a cigarette or plastic bag for food.



- **Solution to decrease the pollution:**

-In UK they decided to increase the price of cigarettes so people consume less.

-British manufacture decided to make biodegradable plastic bags, made with natural substances.

-In Europe, the plastic bags cost and technically from “oxo-degradable plastics”.

-The town of Arlon helps small traders with the price of their rent during first 3 years by a 40% reduction of the rent. The trades refund later. It helps small trades because big industries pollute enormously.

