

PLASTIC management

Say farewell to single-use plastics!

DIFFERENT TYPES OF PLASTIC



High-density polyethylene (HDPE)
Four big plastic bottles, jerrycans, jugs



Low-density polyethylene (LDPE)
Single-use lightweight bags



Linear low-density polyethylene (LLDPE)
Shopping bags

EXAMPLES OF SINGLE-USE PLASTICS



Bottles



Straws



Shopping bags



Cups



Food packaging

GOOD, BAD AND UGLY SIDE OF PLASTIC



Plastic is durable, versatile and cheap



Plastic degrades slowly



Lightweight bags are eaten by livestock and wildlife



Plastic bags are among the most common types of marine litter



Wastes and litter are more plastic than fish

PLASTIC ECONOMY



Since 1950
8.3 billion tonnes of plastic produced and 6.3 billion tonnes of plastic waste produced



In 2015
322 million tonnes of plastic produced



8.3 billion tonnes of plastic have been produced



9% of plastic waste recycled



\$750 billion annual revenue



6000 people are employed in the 10 million plastic recycling industry in Uganda

4.8-12.7 million metric tonnes of waste disposed in oceans damage ecosystems to the tune of \$4 billion

FACTS AND FIGURES



In Kenya, 40% of cattle that died during the drought had ingested significant amount of plastic bags



275 million metric tonnes of waste generated in 192 coastal countries is made of plastic



Ammonium levels increase exponentially on plastic covered by bags



Manhara covered by plastic bag has lower oxygen level and less organisms



Between 60% and 80% of litter in oceans is plastic



NH4+

KENYA AND PLASTIC EVERY YEAR



30 plastic manufacturing units sell plastic products for at least \$400 million



Kenya exports plastic products to Tanzania and Uganda for a total of \$9.52 million



Supermarkets hand out 100 million single-use plastic bags

Kenya has joined UN Environment's #CleanSea campaign and declared a ban on the use, manufacture and import of all single-use plastic bags

CHAMPION COUNTRIES TACKLING PLASTIC POLLUTION



Australia
Bangladesh
Belgium
Bolivia
Brazil
Burmese Fao
Cambodia
Canada
Chile
Colombia
Congo
Cote d'Ivoire
Czech Republic
Denmark
Dominican Republic
Ecuador
Egypt
Ethiopia
France
Germany
Ghana
Greece
Guatemala
Honduras
Hungary
Indonesia
Italy
Japan
Kenya
Korea
Kuwait
Laos
Lithuania
Luxembourg
Malaysia
Maldives
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Mauritania
Mauritius
Mexico
Morocco
Myanmar
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New Zealand
Nicaragua
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EXAMPLES OF INTERVENTIONS



Limit on single-use plastics



Ban of single-use plastic



Ban plastic bags and cutlery



Biologically sourcing material for plastic cutlery and plates



Ban on microbeads water pollutants



Advocate for single-use plastic tax



Use reusable or biodegradable shopping bags made from starch, corn or potatoes



Buy unpackaged food



Pressure companies to use less plastic



Lobby for plastic management strategies and recycling regulation



Use paper, steel or bamboo straws



Invest in reusable containers and coffee mug



Look for alternative packaging, for example paper



Look for alternative packaging, for example paper

What can you do?