

# PLASTIC management

Say farewell to single-use plastic!

## DIFFERENT TYPES OF PLASTIC



**High-density polyethylene (HDPE)**  
Your dry cleaning garment bags

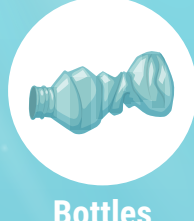


**Low-density polyethylene (LDPE)**  
Single-use lightweight bags

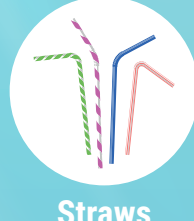


**Linear low-density polyethylene (LLDPE)**  
Shopping bags

## EXAMPLES OF SINGLE-USE PLASTICS



Bottles



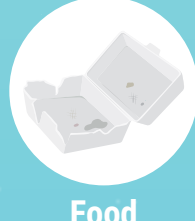
Straws



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**



**80%** of all plastic ends up in the ocean equivalent to 8-12 million tonnes



By **2050** oceans will have more plastic than fish

## PLASTIC ECONOMY

Since 1950

**8.3 billion tonnes** of plastic produced and **6.3 billion tonnes** of plastic waste produced

**322 million tonnes** of plastic produced

in 2013

2017

**95%**

plastic packaging or **\$80-120 billion** is lost every year

**9%**

of plastic waste **recycled**

**\$750**

billion annual revenue

**6000**

people are employed in the \$9 million **plastic recycling industry in Uganda**

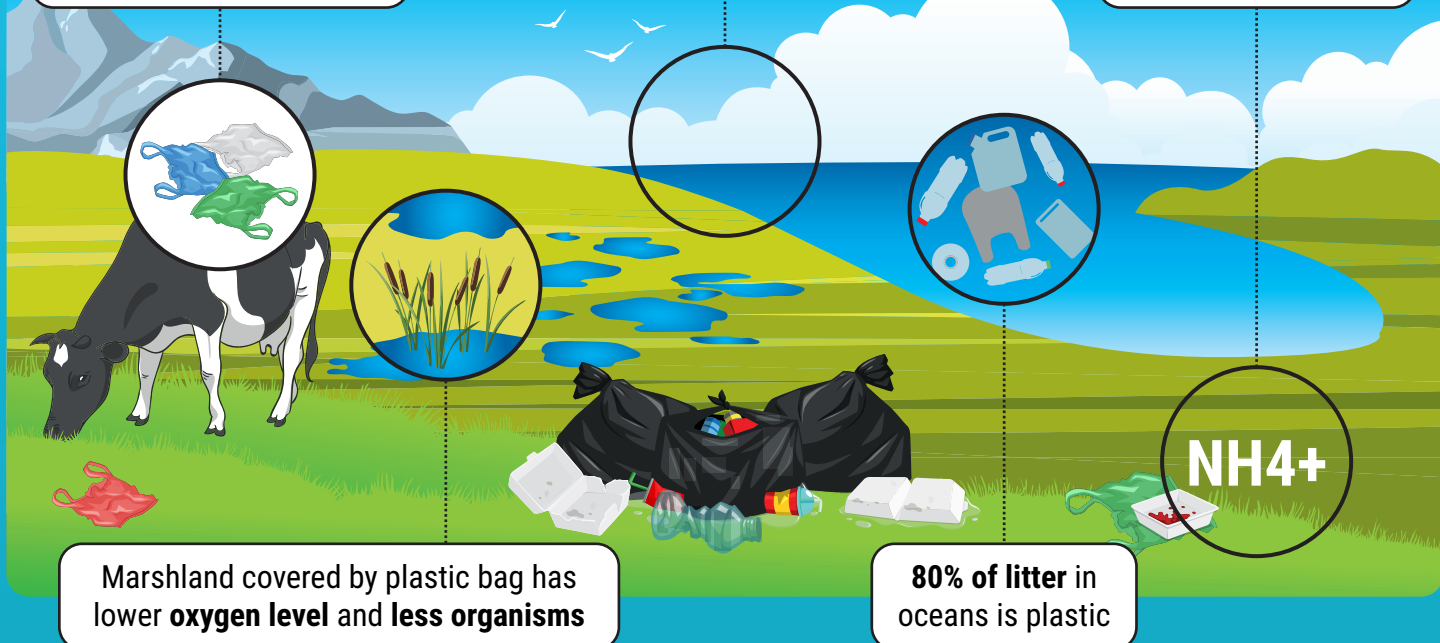
**4.8-12.7 million metric tonnes** of waste dispersed in oceans damage ecosystem to the tune of **\$8 billion**

## 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 plots covered by bags



Marshland covered by plastic bag has lower **oxygen level** and **less organisms**

**80% of litter** in oceans is plastic

## KENYA AND PLASTIC EVERY YEAR:



30 plastic manufacturing units sell plastic products for at total **\$406 million**



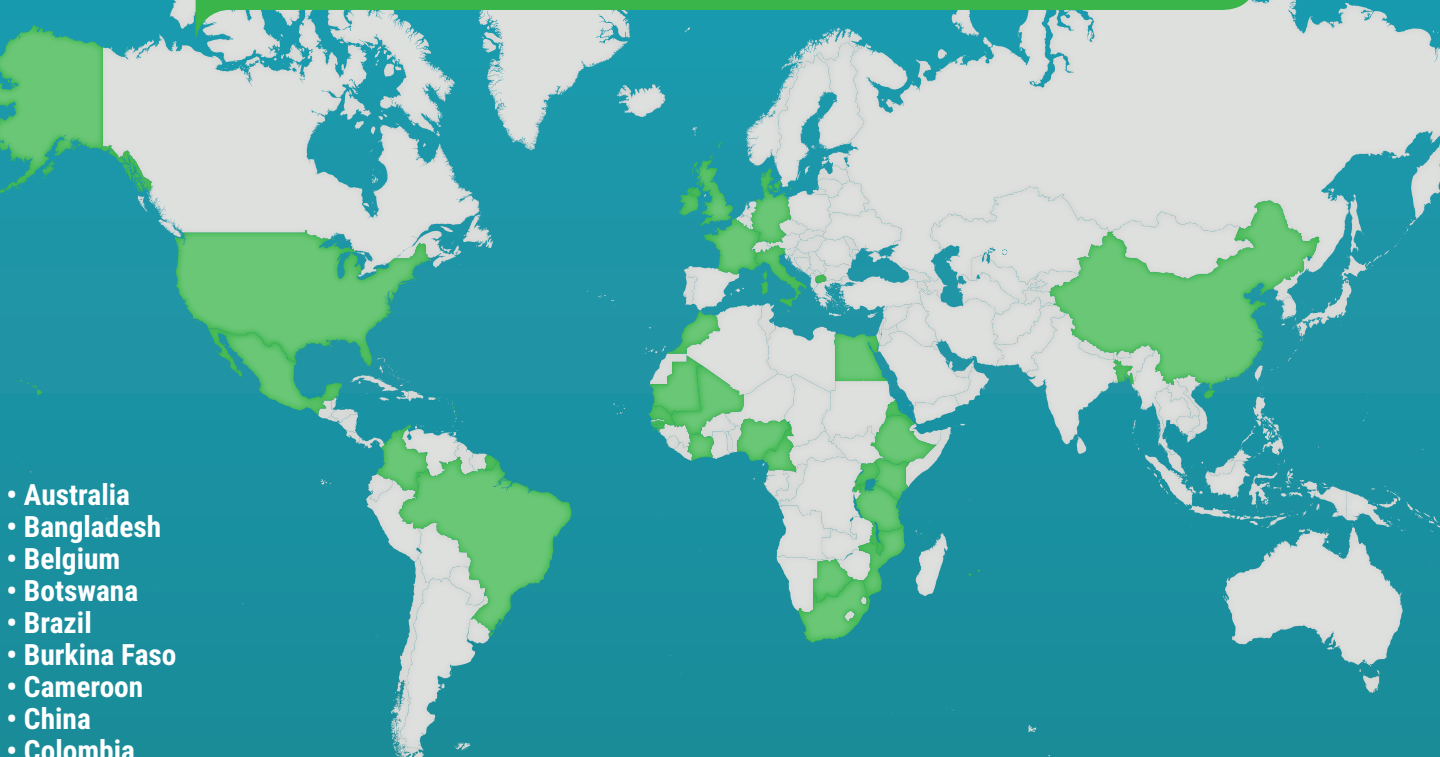
Kenya exports plastic products to Tanzania and Uganda for a total of **\$9.52 million**



Supermarkets hand out **100 million** single-use plastic bags

Kenya has joined UN Environment #CleanSeas 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
- Botswana
- Brazil
- Burkina Faso
- Cameroon
- China
- Colombia
- Cote d'Ivoire
- Congo, Republic of
- Denmark
- Egypt
- Eritrea
- Ethiopia
- France
- Germany

- Guinea-Bissau
- Kenya
- Ireland
- Italy
- Former Yugoslav Republic of Macedonia
- Malawi

- Mali
- Mauritania
- Mauritius
- Mexico
- Morocco
- Mozambique
- Nigeria

- Rwanda
- Senegal
- South Africa
- Tanzania
- Uganda
- United Kingdom
- United States

## EXAMPLES OF INTERVENTIONS



Levy on single-use plastic



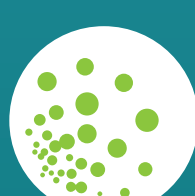
Ban of single-use plastic



Ban plastic cups and cutlery



**Biologically sourcing** material for plastic cups, cutlery and plates



Ban on **microbeads** water pollutants



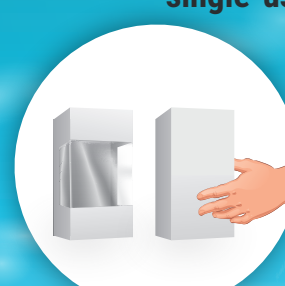
Advocate for single-use plastic tax



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



Buy unpackaged food



Pressure companies to use less plastic

What can you do?



Use paper, steel or bamboo straws



Lobby for plastic management strategies and recycling regulation



Invest in reusable containers and coffee mug



Look for alternative packaging, for example paper