UN environment

#CleanSeas

PLASTIC management

Say farewell to single-use plastic!

DIFFERENT TYPES OF PLASTIC

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

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

Linear low-density polyethylene (LLDPE)
Shoppping 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**

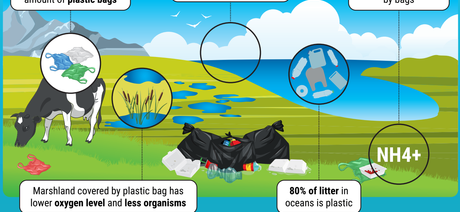
4.8-12.7 million metric tonnes of waste dispersed in oceans damage ecosystem to the tune of **$8 billion**

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

What can you do?

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

Advocate for single-use plastic tax

Buy unpackaged food

Pressure companies to use less plastic

Use paper, steel or bamboo straws

Lobby for plastic management strategies and recycling regulation

Look for alternative packaging, for example paper

Invest in reusable containers and coffee mug

www.unep.org www.nema.go.ke www.environment.go.ke