

WOULD YOU LIKE A BAG? BILLION PLASTIC BAGS ARE USED BY RESIDENTS OF THE U.S A YEAR BILLION PLASTIC BAGS ARE USED BY RESIDENTS OF THE U.S A YEAR BANTHE BAG!

WHAT IS PLASTIC POLLUTION?

Plastic pollution is the accumulation of plastic waste in the environment. It can take different forms including, the accumulation of waste, the accumulation of marine litter, fragments or microparticles of plastic and non-biodegradables. Also is included waste created by dead animals that ingested plastic objects.

WHAT IS PLASTIC BAG POLLUTION?

Plastic bags are difficult and costly to recycle and most of them end up in landfill sites where they take around 300 years to photodegrade. However, problems surrounding plastic bags start long before they begin to photodegrade due to the sheer accumulation of plastic waste.

KNOW MORE ABOUT PLASTIC BAGS

THE MACHINE
OPERATOR POURS
THE POLYETHYLENI **RESIN INTO THE** HOPPER.

OR POLY BAGS WITH COMPLEX

FEATURES, THE FILM IS WOUN ON A ROLL AND THEN TAKEN

OUT OF LINE FOR FURTHER

IN PLASTIC BAGS TODAY.

MOLTEN FORM AND FORCES I THROUGH THE EXTRUDER.

THE MOLTEN POLY FLOWS EVENLY UP CIRCULAR DIE.

AS THE MOLTEN POLY

PINCHES THE MOLTEN

How Plastic Bags are Made

AT THE TOP OF THE COOL-OVER THE JOB OF MOV-COOLING TOWER.

NIP ROLLERS NOW TAKE ING THE POLY FILM UP THE

Plastic bag change & bans

occurred around the world to

help the environment.

SIDES OF THE TUBE BEFORE IT IS FLATTENED.

AS THE TUBULAR SHAPE MOVES UP, THE MACHINE OP-**ERATOR INSERTS AN AIR GUN** DIAMETER OF THE TUBULAR POLY FILM REACHES THE RE-QUIRED BAG SIZE.

HOW DO PLASTIC BAGS DESTROYTHE ENVIRONMENT?

Enviromental Destruction

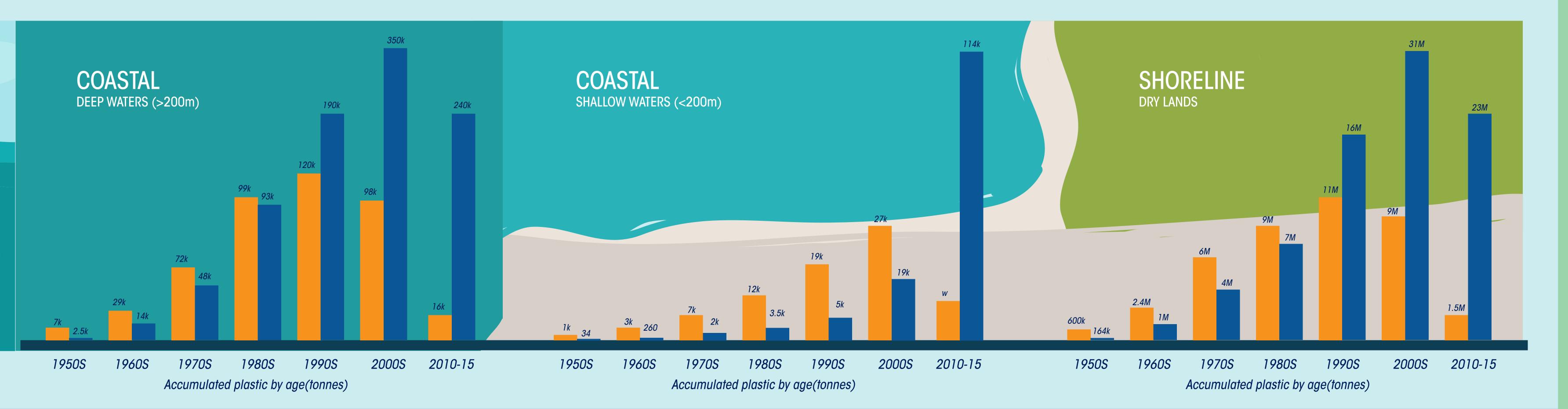
When plastic bags are thrown away, they usually end up in landfills or waterways and oceans. When polythene bags are burned, they produce toxic fumes and pollute the air.

Marine animals swallow plastic bags, mistaking them for food, and die. Even after animals

bodies decompose, the plastic bags stay intact, and another animal can get hurt

Where Does Plastic Accumulate In The Ocean? This data will show how much information from 1950 to 2015

Macroplastics are greater than 0.5 cm in diameter Macroplastics are smaller than 0.5 cm in diameter



HOW DO PLASTIC BAGS DESTROY OUR WILDLIFE? Wildlife Number of Deaths

of whales, birds, seals, and turtles are killed every year from plastic bag the marine environment as they often mistake plastic bags for food.

Plastic bags, once ingested, cannot be digested or passed
by an animal so it stays in the gut.

100.000

turtles are among nearly 700 species that eat and get caught in plastic litter.

OF OCEAN PLASTIC POLLUTION ENTERS THE OCEAN FROM LAND

SEA TURTLES, PELICANS, AND OTHER MARINE CREATURES MISTAKE PLASTICS AND OTHER GARBAGE AS FOOD AND INGEST IT. THIS MISTAKE CAUSES BLOCKAGES WITHIN THEIR DIGESTIVE SYSTEM AND **EVENTUAL DEATH**

Effects On Animals When They Eat Plastic



PELICANS CONFUSED FOOD AND THIS CAUSES BLOCKAGES AND EVENTUAL DEATH

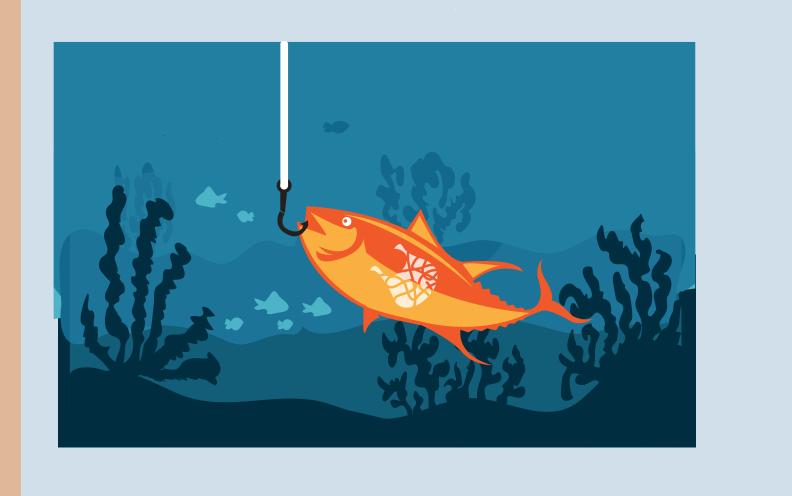
DIFFERENT SPECIES HAVE BEEN AFFECTED BY PLASTIC POLLUTION IN THE OCEAN



ANIMALS CAN ALSO BE POISONED BY THE CHEMICALS USED TO CREATE THE BAGS, OR FROM CHEMICALS THAT THE PLASTIC HAS ABSORBED WHILE MAKING ITS WAY THROUGH THE ENVIRONMENT

WHICH CAN INCREASE THE CHANCE OF DISEASE AND AFFECT REPRODUC-TION. AFTER INGESTING MICROPLAS-TICS, SEALS, AND OTHER ANIMALS CAN SUFFER FOR MONTHS OR EVEN YEARS BEFORE THEY DIE

PLASTIC CONTAINS TOXIC CHEMICALS,



Number of Uses For Different Types of Bags

REUSABLE BAGS:8 TIMES







WHAT WE CAN DO?

Solutions For Plastic Bags Use



TAX CHARGE

IMPOSE A FEE ON A CONSUM-**ENCOURAGE A SHIFT AWAY** FROM THE USE-AND-TOSS CUL-ER WHO USES PLASTIC BAGS THIS HAS REDUCED PLASTIC TURE TO REUSING PLASTIC BAGS **BAG CONSUMPTION IN IRE-**DRASTICALLY CUTS DEMAND LAND BY 93.5 %. FOR NEW PRODUCTION.



REUSE

SUCH AS ENVIROSAX; EACH REUSABLE BAG CAN ELIMI-NATE THOUSANDS OF PLASTIC BAGS OVER A PERSON'S LIFE.

ALTERNATIVES



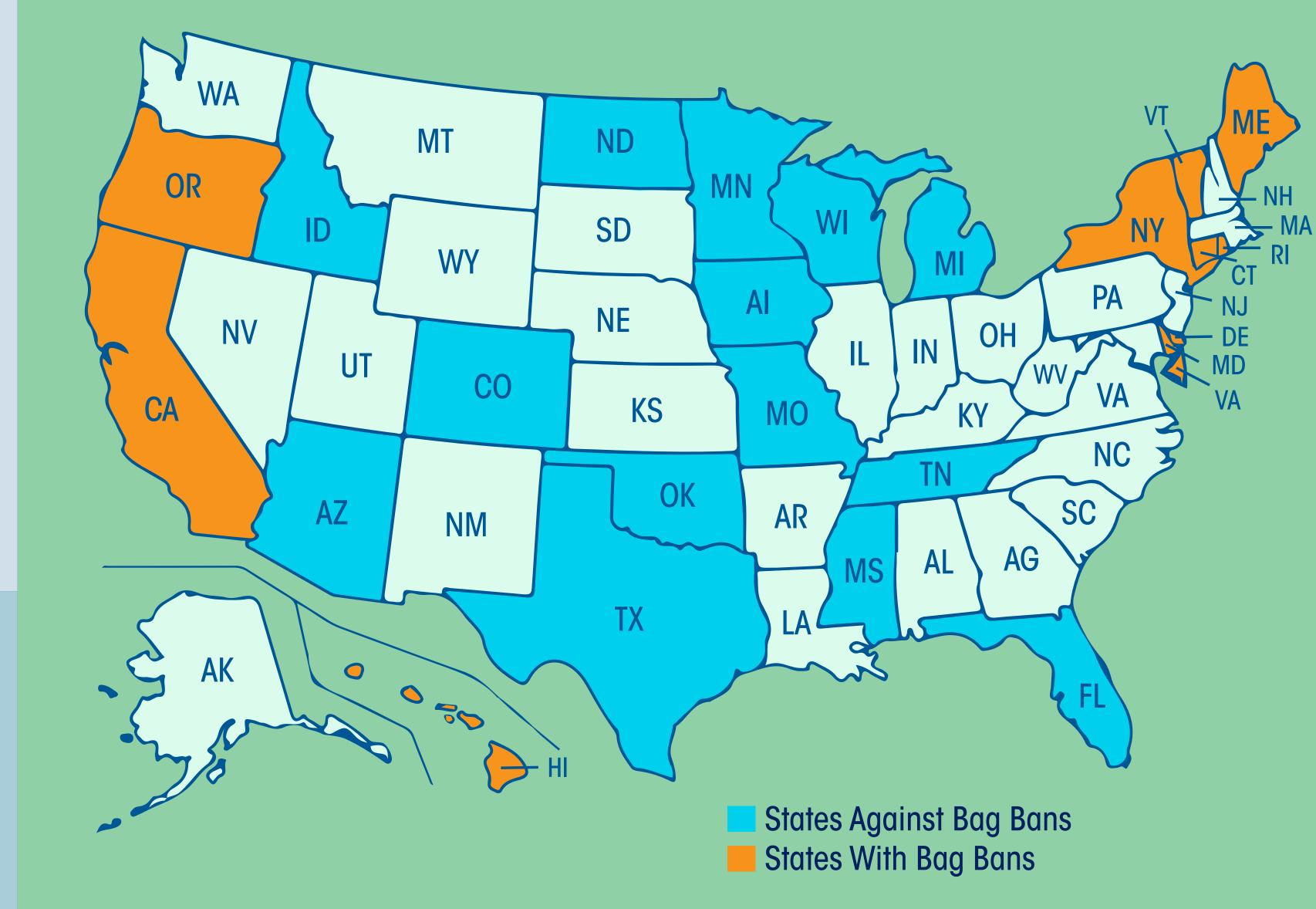
OTHER WAYS THAT PEOPLE CAN HELP

there are tons of easy ways to help out by recycling everyday items!

Reducing waste, recycling and composting are effective ways to decrease the generation of greenhouse gases, such as carbon dioxide and methane.



Plastic Bag Laws Across The United States



Know the New New York Law about Plastic Bag Use

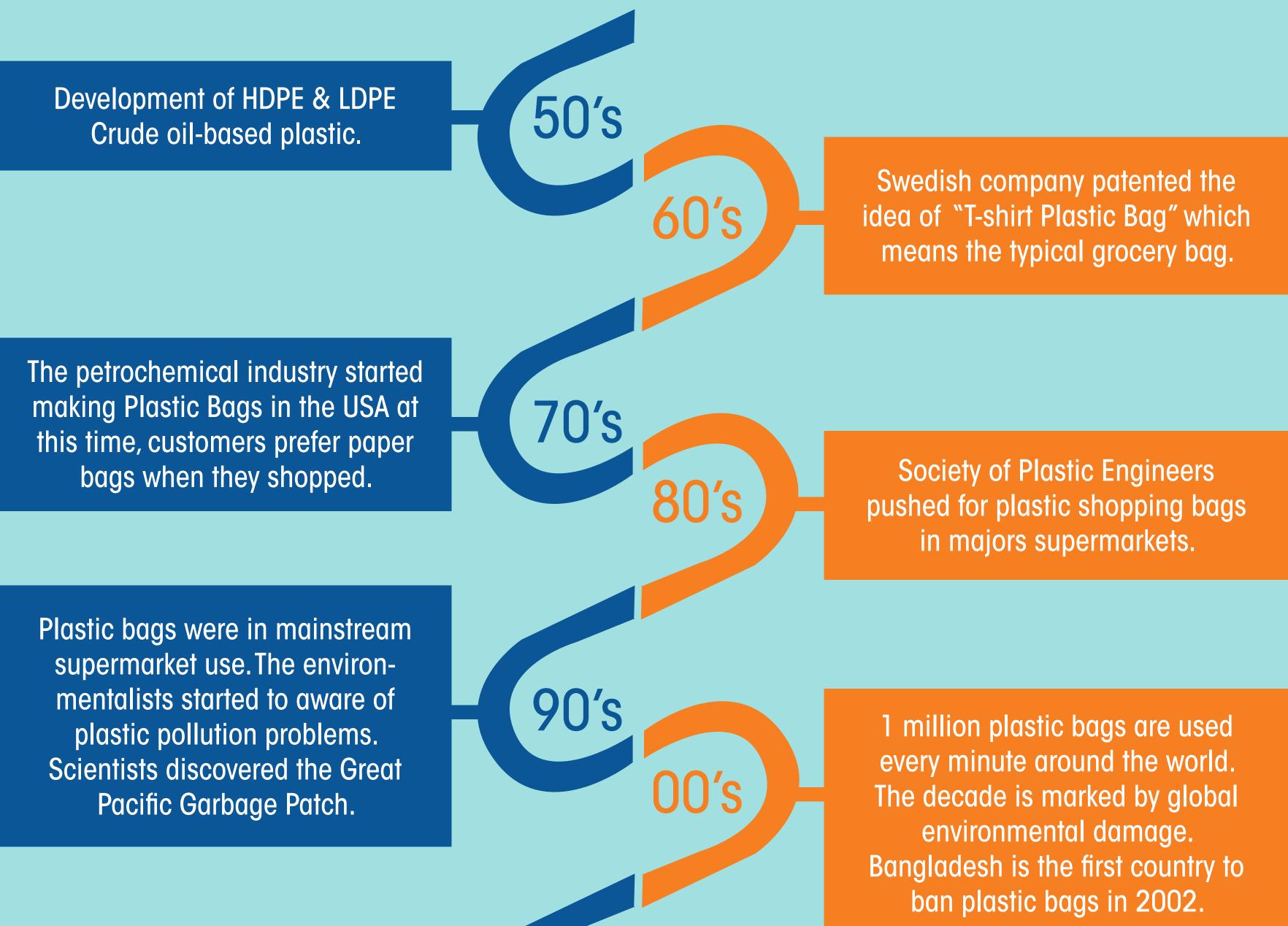


New York has also taken a huge leap towards reducing our consumption of plastic. Plastic bags will now be banned from New York as of "March 1, 2020, all plastic carryout bags (other than an exempt bag) are banned from distribution by anyone required to collect New York State sales tax... cities and counties are authorized to adopt a fivecent carry-out bag reduction fee. This means that in these areas, a consumer will be charged 5 cents for each paper carryout bag needed at checkout.

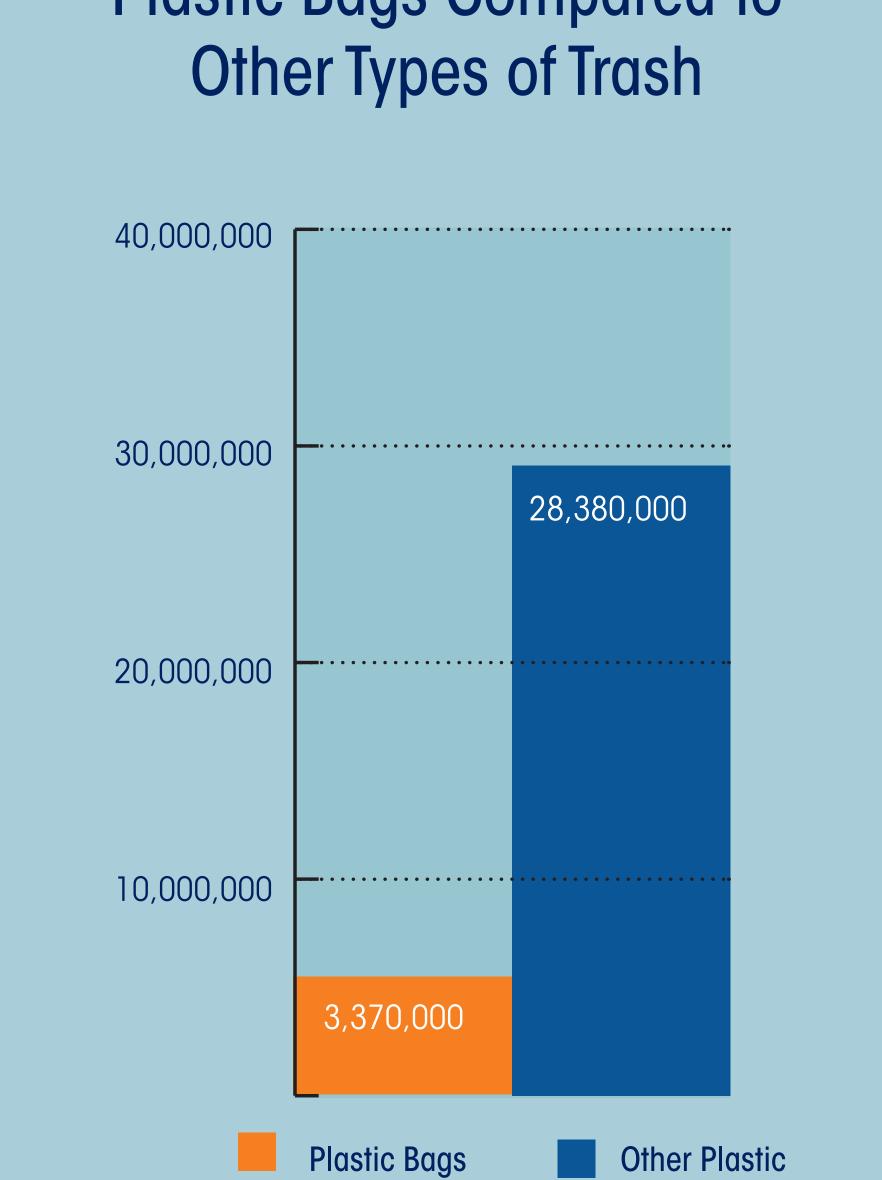
VISIT US



A BRIEF HISTORY OF PLASTIC BAGS



WHAT YOU CAN DO ABOUT PLASTIC BAGS AND OTHERS? Plastic Bags Compared to



Plastic Bags vs Paper Bags

