

SOURCES OF PLASTIC AND ITS LIFE CYCLE

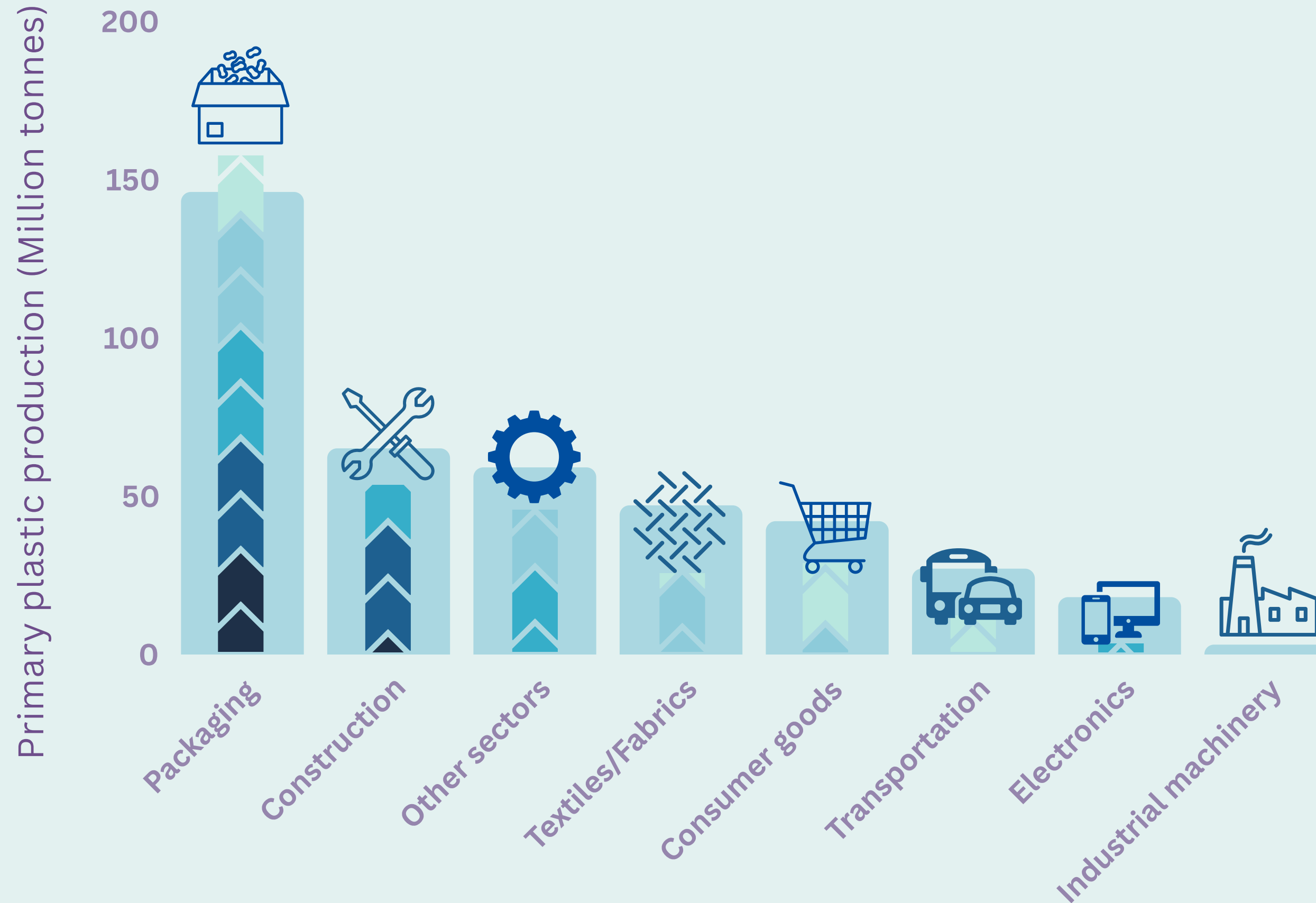
DISCUSSION

HOW DO WE ALL USE
PLASTIC?



PLASTIC USES

INDUSTRY PLASTIC PRODUCTION



BUT WHERE IS ALL THIS PLASTIC GOING?

9%
IS RECYCLED

12%
IS BURNT

78%
GOES TO
LANDFILL

1%
GOES INTO THE
OCEAN

SOURCES OF OCEAN PLASTIC



**MISMANAGED
PLASTIC WASTE
(LITTER)**

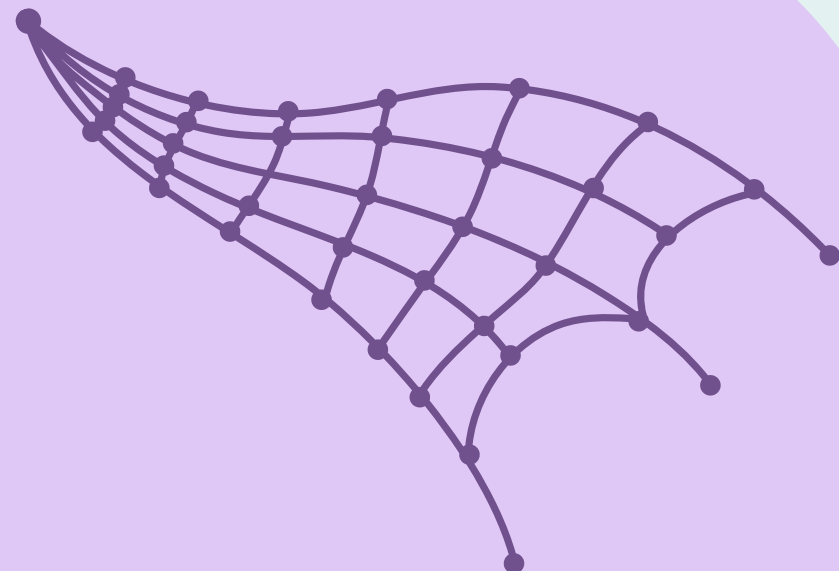


**SEA-BASED PLASTIC
DEBRIS**



MICROPLASTICS

EXAMPLES



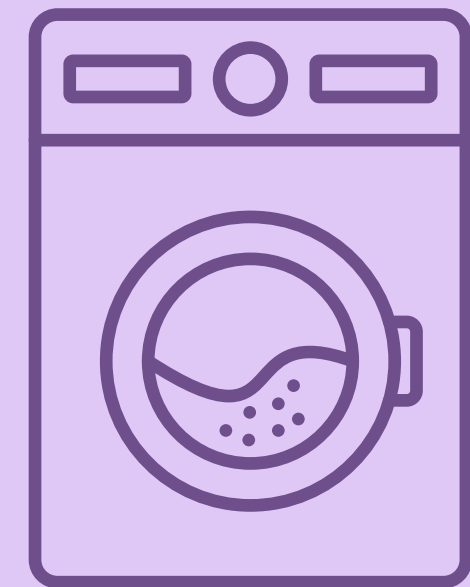
FISHING NETS

ENOUGH LOST AT SEA
EVERY YEAR TO
CIRCLE EARTH MORE
THAN 18 TIMES



CLOTHING

NEARLY 70 BILLION
ITEMS ARE MADE OF
PLASTIC EACH YEAR



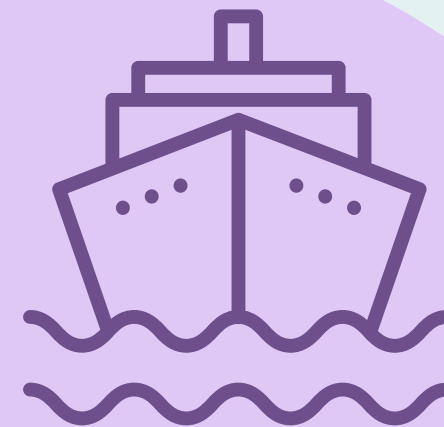
FIBRES

ONE MILLION
MICROPLASTICS PER
LOAD OF WASHING

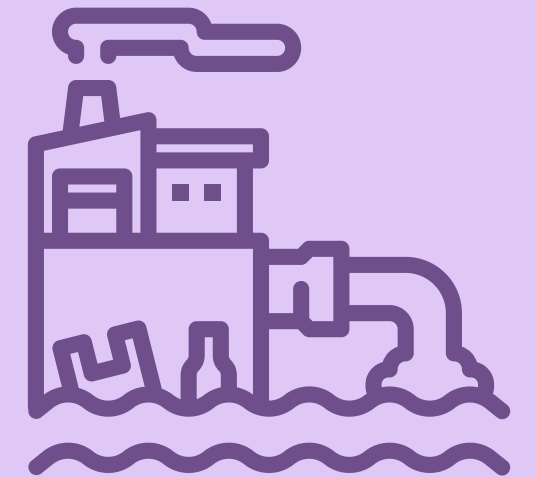
PATHWAYS



WIND



DIRECT INPUT
TO OCEANS



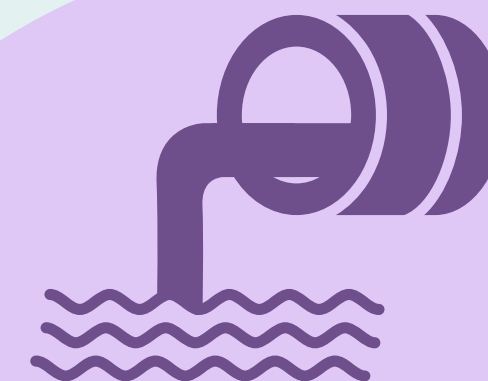
WASTEWATER



ATMOSPHERE



RIVERS



RUNOFF (E.G. URBAN,
AG, INDUSTRY)

DISCUSSION POINTS

LOCAL SOURCES

HAS ANYONE EVER FOUND PLASTIC ON THE BEACH
THAT THEY CAN RECOGNISE THE SOURCE OF?

SEA SHEPHERD & DHIMURRU ABORIGINAL CORPORATION



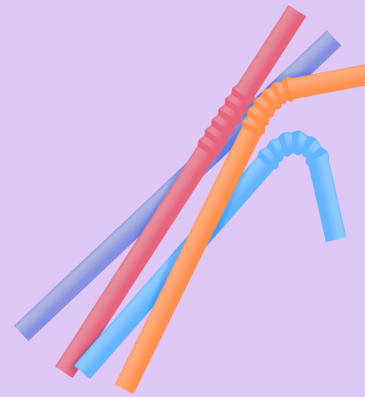
LIFE CYCLE OF PLASTIC



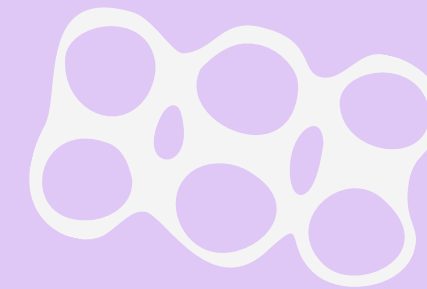
PLASTIC BAG
20 YEARS



COFFEE CUP
30 YEARS



PLASTIC STRAW
200 YEARS



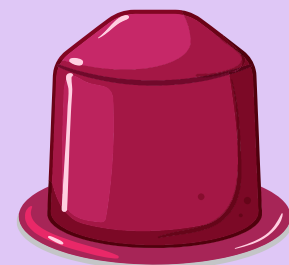
6-PACK RINGS
400 YEARS



PLASTIC BOTTLE
450 YEARS



PLASTIC CUP
450 YEARS



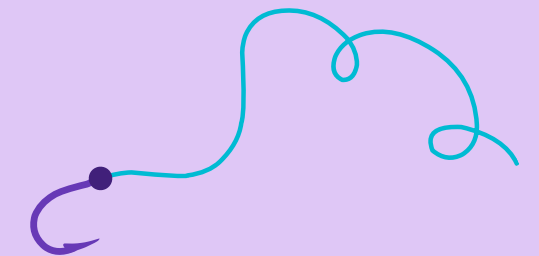
COFFEE POD
500 YEARS



DISPOSABLE NAPPY
500 YEARS



TOOTHBRUSH
500 YEARS



FISHING LINE
600 YEARS

LIFE CYCLE OF PLASTIC



PRACTICAL

**COMPLETE THE WORKSHEET ABOUT
SOURCES OF PLASTIC POLLUTION**