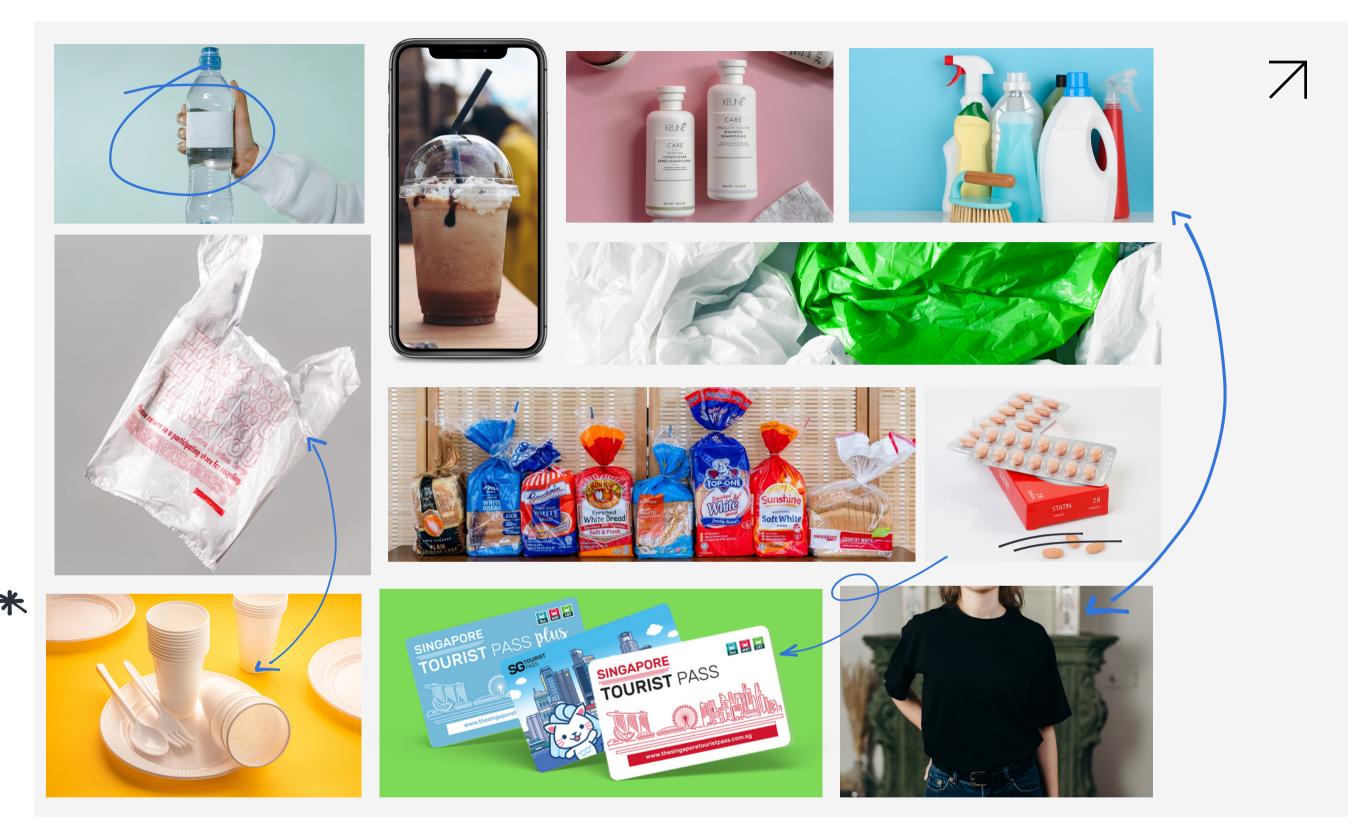
Simple to use, **Tricky to recycle**

Guide to plastic recycling **

in <u>Singapore</u> and why we only collecting type 2 and 6 plastic [-



WHAT WE DO **RETH NK** Turn "waste" into functional items and bring accessible recycling technologies and knowledge to end consumers and businesses

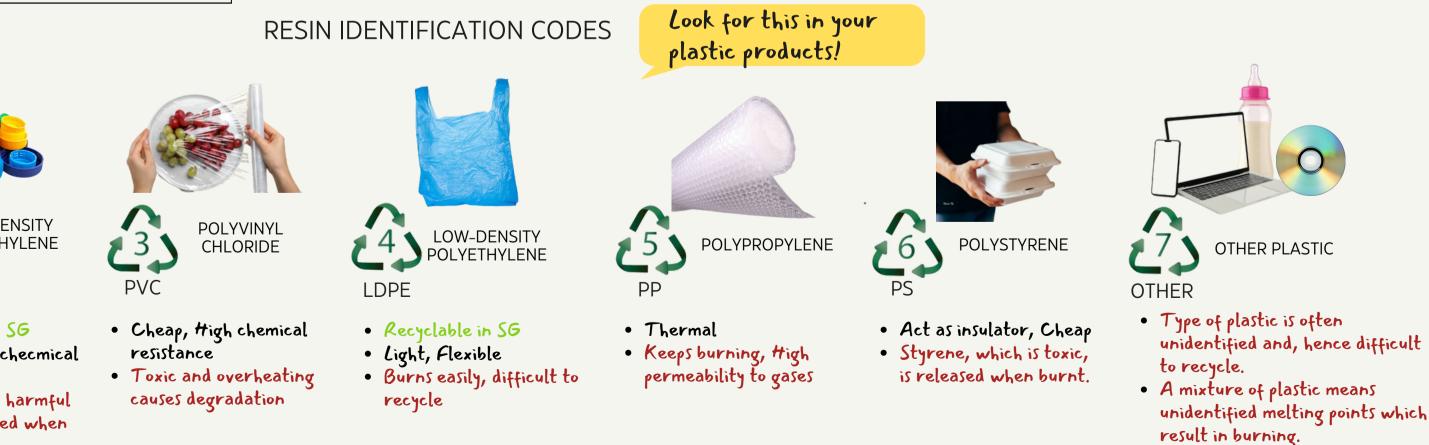
The complexities of plastic recycling

WHAT IS PLASTIC

Plastics originates from the "petrochemicals" sector and are items manufactured from fossil fuels like oil and gas. Over 99% of plastics originate from fossil fuels and there exist numerous types of plastic, each possessing unique chemical compositions and attributes.

WHY IS IT SO HARD TO RECYCLE?

01	Variation of plastic in different form plastic by type for purity. Some plast dismantling and sorting challenges e.
02	Contamination in the common recy from improper disposal of food and c particularly more regular in Singapore
03	Some plastics are just not suitable recycle and have high-quality end-use







- Recyclable in SG
- Strong & Light
- Harmful fumes produced when processed



- HIGH-DENSITY POLYETHYLENE HDPE
- Recyclable in SG
- Cheap, High checmical resistance
- Easily burnt, harmful fumes produced when processed.

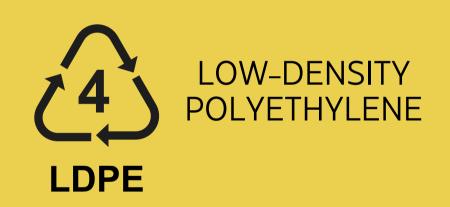
ns: When recycling plastic waste, facilities must sort and separate tics, though technically recyclable, may not be recycled due to .g. separating from metals or adhesive.

cling bin: The high contamination rate in our blue bins that comes drink waste results in the rejection of recyclable plastics, e where we are using a common recycling collection system.

for recycling: Plastics like type 3 and 5 are just impossible to se. Recycling today can be commercially and technically difficult for these plastics due to the energy intensiveness and toxicity of the process.

What do we collect ?

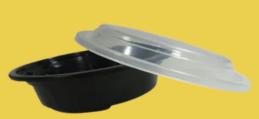
















How to recycle?

4 STEPS TO CAP ENVIRONMENTAL POLLUTION











DO NOT MIX PLASTIC CODES!

Separating plastic types is crucial because mixing them lowers the quality of recycled plastic. Each plastic code has its own melting point and composition. Introducing different melting points and compositions weakens the plastic structure.

2

3

CLEAN

Plastics thrown in the bin need to be rinsed and washed to avoid contaminating other recyclables, which could ruin the entire batch and make it unfit for recycling!

TRIANGLULAR SIGN DOES NOT MEAN RECYCLABLE!



The triangular symbol represents the plastic type, not its recyclability. It's commonly mistaken for being recyclable even when the plastic it represents cannot be recycled. Remember that only plastics labeled as types 1 and 2 can be recycled in Singapore!