## The Global Story of Plastic Recycling

#### Lydia Chai

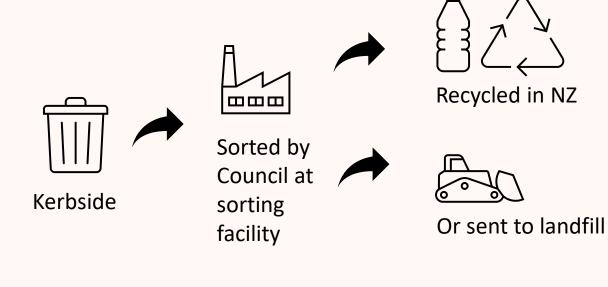
Image source: Hoong-Ern Ng



#### About me and what I do

- I come from Selangor, Malaysia
- Start of my advocacy journey
- Petition to NZ Government
- 11,103 signatures delivered to Parliament in July 2022

#### **Recycling: What we think it is**

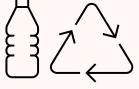


#### **Recycling: What it really is**



Kerbside



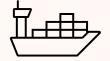


Recycled in NZ



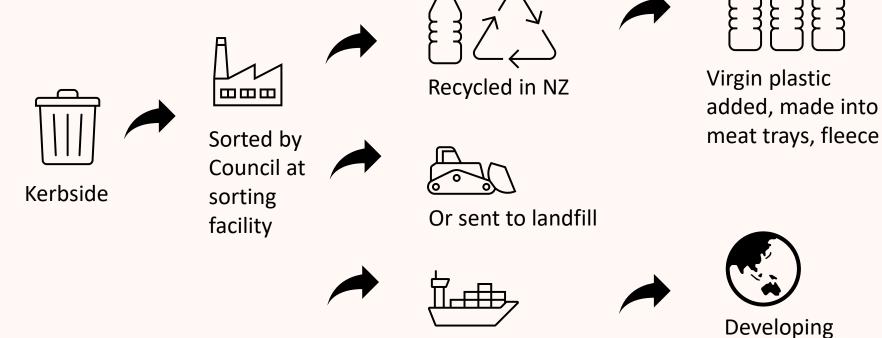
Or sent to landfill





Or sold overseas

#### **Recycling: What it really is**



Or sold overseas

countries

















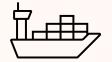


Illegal waste operator with no company signage on the street or vehicles



Recycling plant in Indonesia

#### Why is it a problem?



Sold overseas



Developing countries

- All bales contain contamination
- Contamination leads to bales dumped, buried, onsold – avoids disposal costs
- Lax environmental laws
- Poor enforcement / crackdowns
- Corruption

In my home state alone, there are 332 recycling plants!

### Why is it a problem?

- Most NZ plastic is recycled <u>HOWEVER:</u>
- We are sending eyewatering amounts of waste to Southeast Asia
- In last 6 years, NZ sent 200 million kilograms
- Processing plastic waste is an inherently toxic process
  - leaching is inevitable



#### What happened after my petition?

- Petition process
- Select Committee is considering a licensing system
- Does not solve the problem
- It is up to us to put the pressure on leaders (politicians and markets): We want less plastic!



"Truly, it's the most impressive nonfiction I've read in quite some time." — MARY ROACH, author of *Stiff* and *Fuzz* 

The Secret World of Waste and the Urgent Search for a Cleaner Future

# WASTELAND

#### OLIVER FRANKLIN-WALLIS



**Conclusion & Thank you**