



**Is Recycling Plastic
Waste
Doomed by
Politics, Greed or
Apathy?**

Plastic pollution is starting to become top of mind.

- images of sea turtles tangled in plastic rings
- ocean plastic traps
- the concept that tiny plastic particles reside in fish, water supplies, and probably people has startled all of us

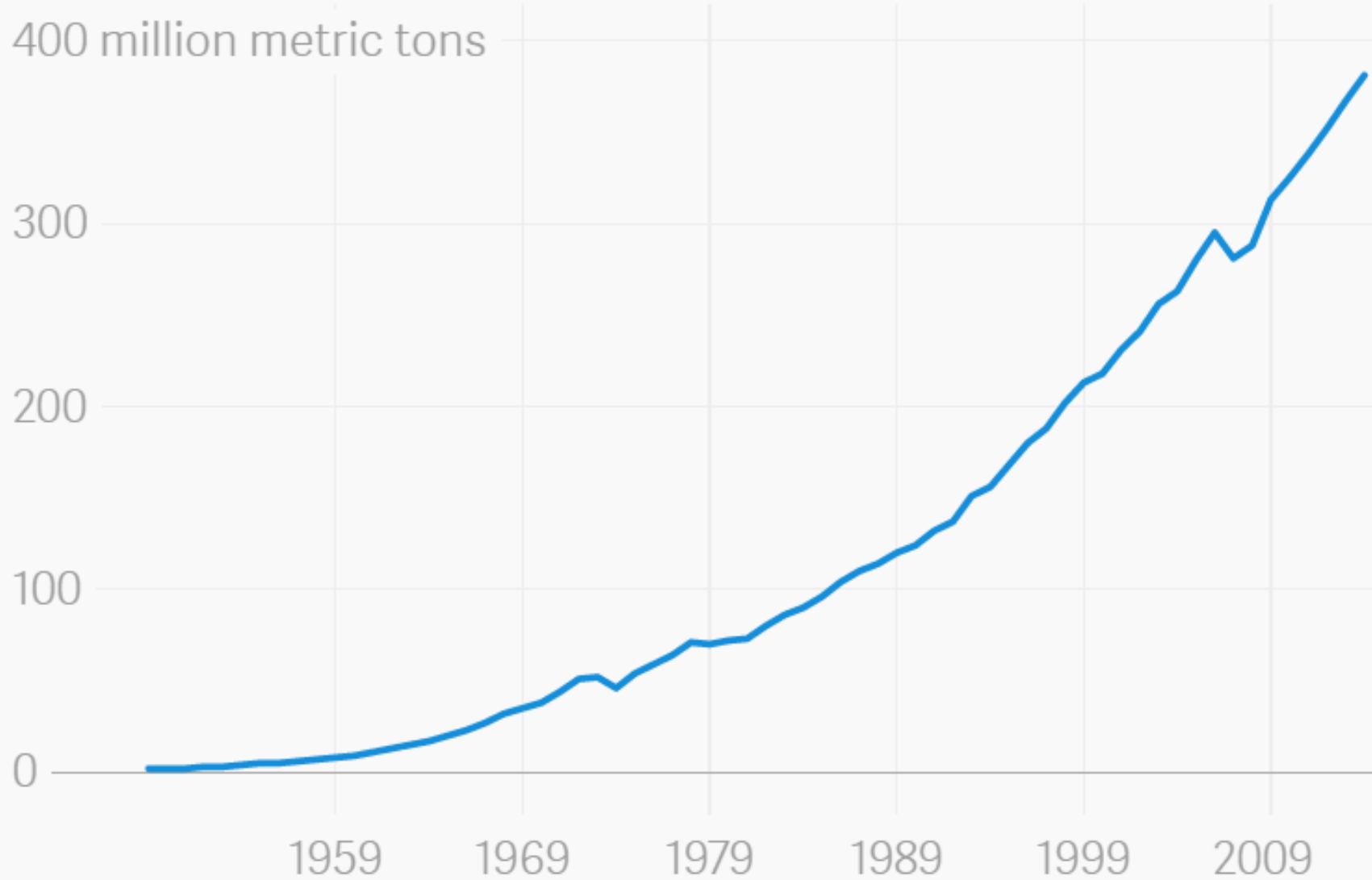


Some Facts

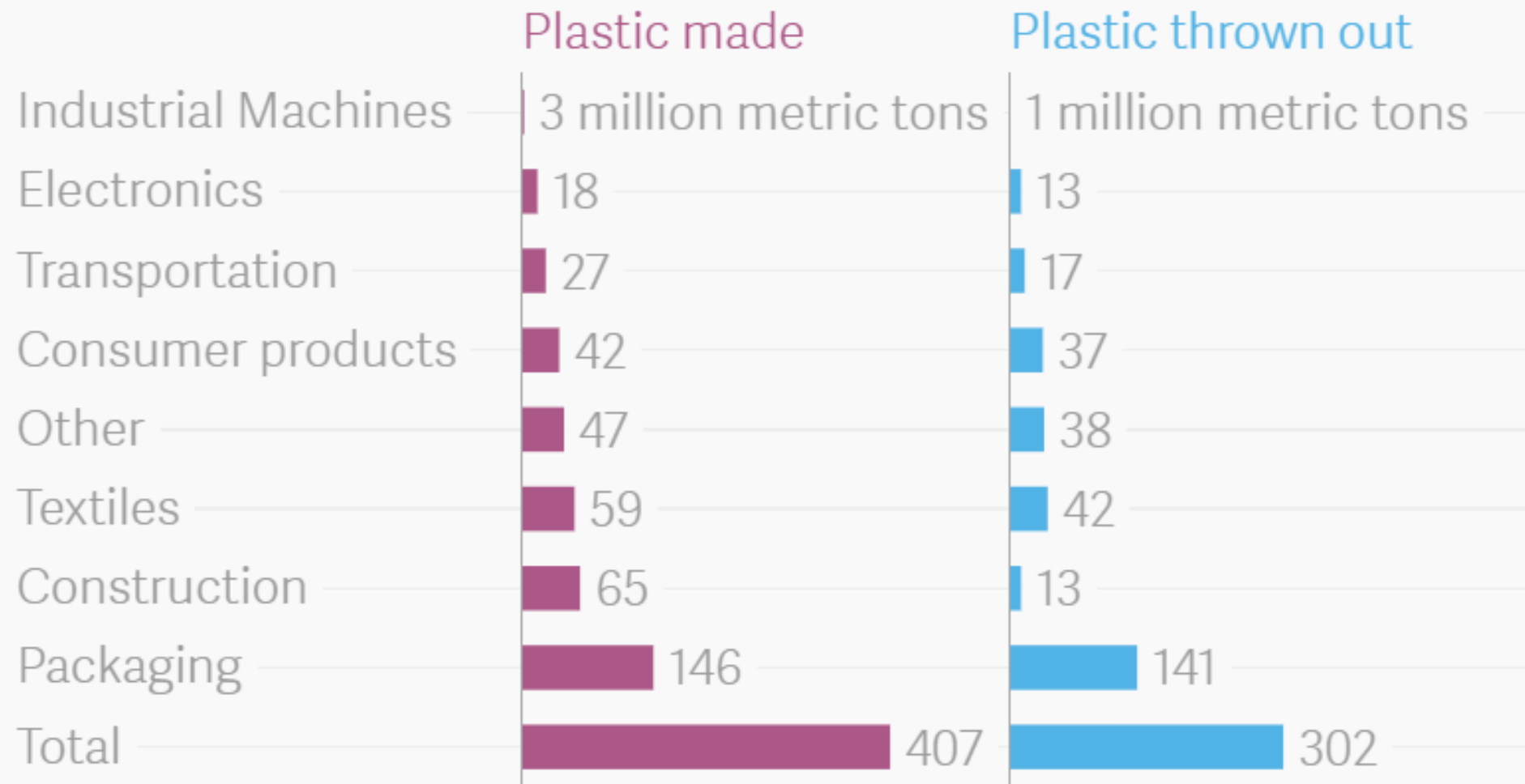
Plastic production has skyrocketed since the 1950s

Global production of plastic resin & fiber

400 million metric tons



In 2015, humans threw out almost as much plastic as they made



△ T L △ S | Data: Geyer, Jambeck, Law Sci. Adv. 2017

Share

Plastic

Since the 1950s, 8.3 billion metric tons of it has been produced.

It isn't biodegradable, so technically, that tonnage is still sitting somewhere.

“Recycling” plastic over the past few decades, has meant exporting it to China.

Since 1992, China has imported 72% of all plastic waste.





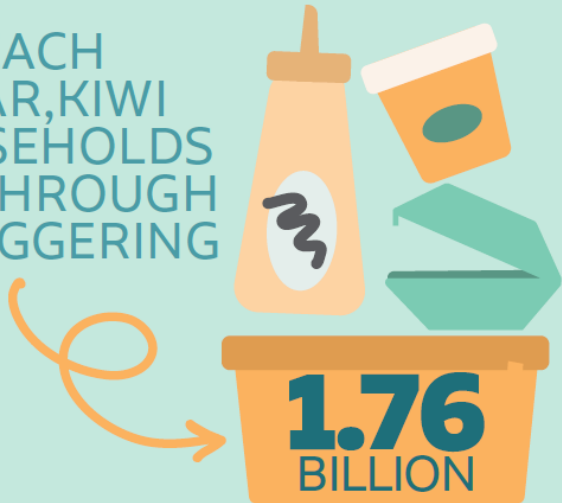
- In 2017, China announced it was permanently banning the import of non-industrial plastic waste
- That will leave an additional 111 million metric tons of plastic to deal with by 2030.
- Right now, no one has a good way to handle it.

OUR PLASTIC PACKAGING: OUR BUSINESS

THE TRUTH ABOUT RECYCLING PLASTIC CONTAINERS

HOW MUCH PLASTIC DO WE USE IN NZ?

EACH YEAR, KIWI HOUSEHOLDS GET THROUGH A STAGGERING



VS



WHY AREN'T MORE PLASTICS RECYCLED IN NZ?

IT'S NOT JUST CONSUMER ERROR



181
MILLION

CONTAINERS IN
NZ LACK VISIBLE
INFORMATION ON
WHETHER THEY
ARE RECYCLABLE!



258
MILLION

CONTAINERS ARE MADE FROM
COLOURED PLASTIC
PREVENTING THEM FROM
BEING RECYCLED INTO LIKE-
FOR-LIKE ITEMS. THEY MAY
ONLY BECOME BINS OR
PALLETS, WHICH MAY
NOT BE RECYCLED AGAIN



46
MILLION

ARE COVERED
BY PLASTIC
SLEEVES, WHICH
PREVENT THEM
BEING RECYCLED
CORRECTLY

However

- Packaging plays a critical role in our lives.
- It safeguards our food
- Protects our medicines
- Shields our purchases
- Allows for the transportation of goods
By and large protects what keeps us healthy and happy.



Plastic
recycling is
the
ambulance at
the bottom of
the hill

My Viewpoint:

- Plastic recycling is a flawed model
 - It is politically expedient
 - Makes us feel good
 - True costs are hidden
 - Doomed
- New model required
 - Politicians need to show leadership
 - Consumers need to become less apathetic
 - Shareholders might need to rethink their goals
 - To force
 - The introduction of a minimal and biodegradable packaging regime from source to point of sale



**Thank You
for
listening!**