


really

What are Bioplastics?

Bioplastics are biodegradable materials that come from renewable sources and can be used to reduce the problem of plastic waste that is suffocating the planet and contaminating the environment.

A photograph of a sliced avocado and a whole avocado on a light blue background, with a white plastic fork and knife placed around them. The avocado is cut in half, showing the green flesh and the brown pit. The whole avocado is positioned below the halves. The plastic cutlery is positioned to the left and right of the avocado halves.

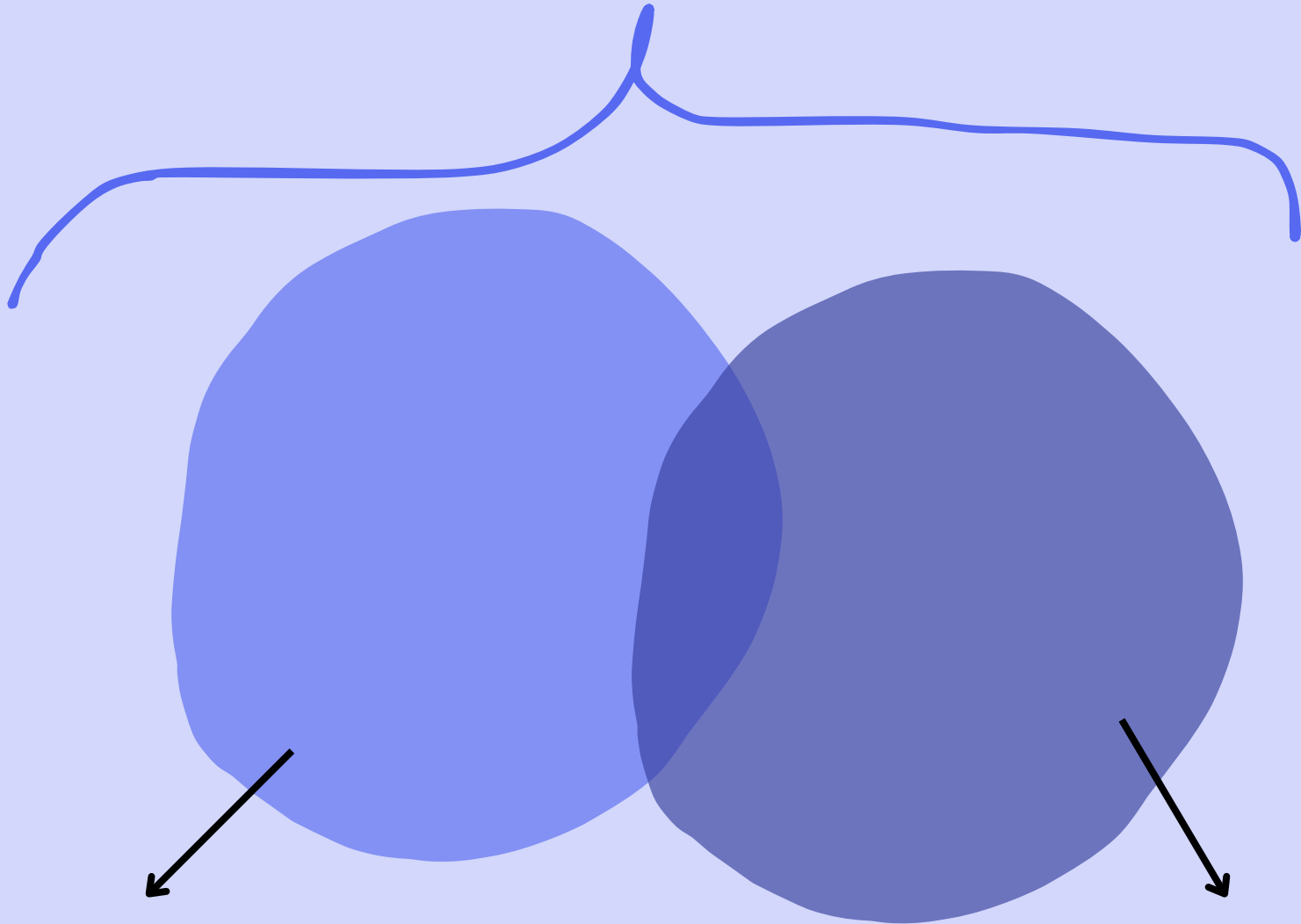


But are these Bioplastics as **clean and clear**
like the definition!

Here are some facts that will bust the myths
about the word **"Bio" in Bioplastics!**

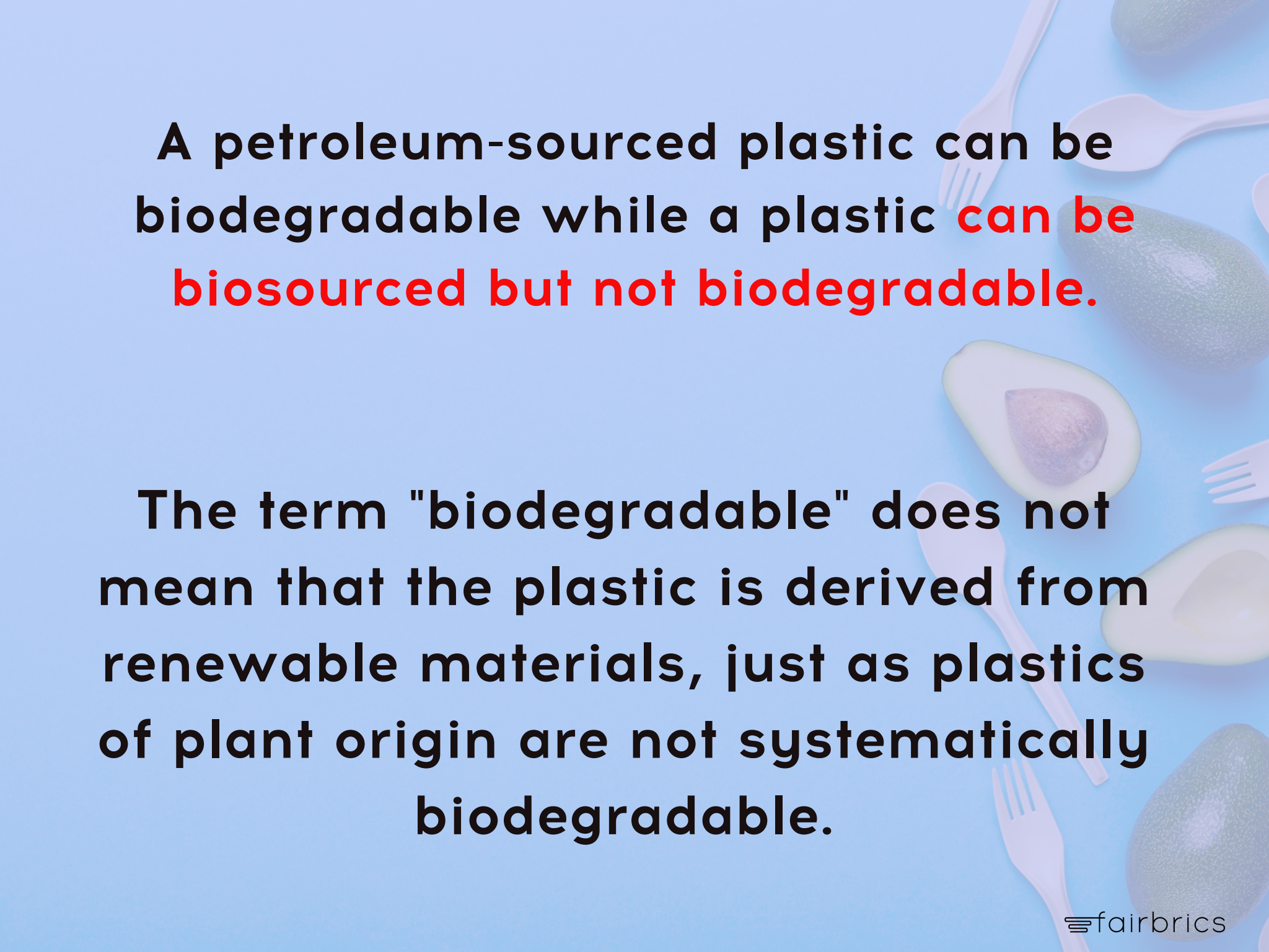


Bio-plastics



Bio-sourced

Bio-degradable



A petroleum-sourced plastic can be biodegradable while a plastic **can be biosourced but not biodegradable.**

The term "biodegradable" does not mean that the plastic is derived from renewable materials, just as plastics of plant origin are not systematically biodegradable.

BIOSOURCED

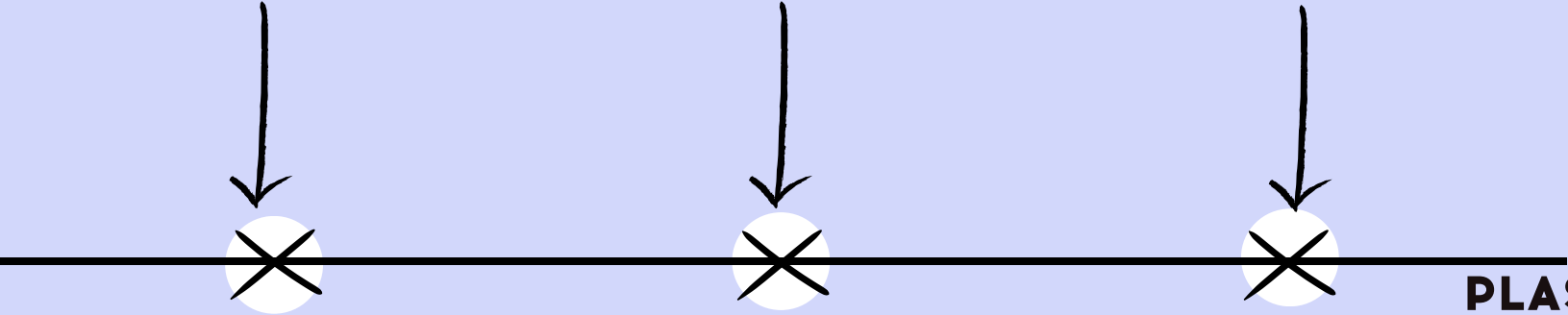
BIODEGRADABLE

PRODUCTION

USE

END OF LIFE

**PLASTIC
LIFECYCLE**





While all compostable plastic is biodegradable, not all biodegradable plastic is compostable.

Although biodegradable materials return to nature and can disappear completely they sometimes leave behind metal residue, on the other hand, compostable materials create something called humus that is full of nutrients and great for plants.

Despite the goodwill surrounding bioplastics, the dilemma it poses cannot be overshadowed. Rather than trying to dispose of it, it would be preferable to **create circularity through a recycling loop.**

That's what sustainability is all about.

But bioplastics recycling is still at the research stage. Today, **the most recyclable plastic is PET.** It is also the best sorted and most widely collected.