



How Companies Are Reducing Their Carbon Footprint

Green chemistry

focuses on reducing the environmental impact of chemistry through new designs and processes, to reduce any unintentional harm to humans or the planet.¹



Many companies are trying to reduce their carbon footprint in many ways.

Carbon capture plants have been designed and created to extract **4,000 tons** of carbon dioxide annually.²



A Dallas airport used **leftover cooking oil** as sustainable aircraft fuel.³

And in the future, ocean cleaning voyages could turn **collected plastic** into a way to power ships.⁴



Some pharmaceutical companies are also trying to reduce their **carbon footprint**.⁵

Such as making the typically female hormone **progesterone** out of plant sterols.⁶

Some companies are also turning to **continuous manufacturing** – as the name suggests continuous and faster and less variable.⁷

Traditionally, **batch manufacturing** is when the product is created in multi-product facilities with comprehensive cleaning and validation steps that occur between processes, this could increase the processing time.



Some pharmaceutical companies are at the forefront of innovation and constantly trying to improve old technology and **reduce carbon impact**.

References

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