



The Future of Plastic Sustainability with RNG Plastics

- Changing Direction - aka. *the Problem with PCR Plastics* ·
- The Fantasy of Sustainability with Plastic Manufacturers ·
 - True Sustainability and *The Solution* ·

Change Direction or *Live in Fantasyland*



PCR Is Rarely Recycled - It's Time to Change Direction

"It requires a great and noble character, having started out wrong, to turn about and go right. All too often, one's own mind tends to justify continuance in the path of error when once it is entered upon."*

- **Most PCR plastic is not genuinely recyclable.** Many conventional recycling companies often blend Calcium Carbonate (CaCO₃) into their PCR resins to reduce costs. Unfortunately, this practice renders these plastics non-recyclable according to the Association of Plastic Recyclers (APR) and California SB 343. For the few who don't, the properties are downgraded, necessitating the use of virgin or higher performance resins to boost the final product's quality.
- **Exceptions to this issue are rare:** Accounting for perhaps 3%-4% of recycled plastics,

primarily PET bottles. The remaining 97% of PCR plastic is typically downcycled or used for inferior, less desirable products.

The conventional recycling narrative perpetuates the false belief that this practice is sustainable, while in reality, it is undermining the recycling industry itself.

On the other hand, fossil fuel plastics using the RNG Plastics technology are recycled / renewed at EPA regulated LMOP-partnered landfill recovery centers over an 85% rate.

*The Urantia Book (184:2.12)



The Fantasy of Sustainability in the Plastics Trade

The US Plastic Pact has set goals for all plastics to be reusable, recyclable, or compostable by 2025. However, the current reality paints a different picture

- **Reusable Plastics:** Reusable bags are banned in states like California, New York, and New Jersey, only to be replaced with non-recyclable polypropylene (PP) non-woven bags. Reusable/refillable containers have poor retail sales with less than a 1% adoption rate.
- **Recyclable Plastics:** Less than 9% of fossil fuel plastics are conventionally recyclable according to the FTC rules and California SB 343. There is no significant change on the horizon, with recycling rates remaining below 10%.
- **Compostable Plastics:** Industrial composting facilities almost universally reject bioplastics, sending them to landfills instead. These materials biodegrade prematurely, releasing methane and CO2 into the atmosphere, with less than a 1% composting rate.

As 2024 nears its end, it's clear that the US Plastic Pact goals are largely unattainable under the current system. The entire premise of sustainability in traditional plastics is flawed unless participants wish to violate FTC regulations to claim otherwise.

The time has come to Change Direction and leave Fantasyland

True Sustainability & The Solution

RNG Plastics Are Sustainable for Centuries to Come

The term "sustainability" is often misused by companies to present a positive image. According to Rob States, a Fortune 100 consultant, the misuse of this term is widespread as companies "make up their own definitions."

- **The dictionary definition of "sustainability" is the only reliable one. Merriam-**

Websters says: "of, relating to, or being a method of harvesting or using a resource so that the resource is not depleted or permanently damaged." RNG Plastics fit this definition perfectly.

- **Bioplastics are not sustainable:** Producing one ton of PLA generates 1.2 tons of waste, and the plastic is rarely composted.
- **Consumer research:** People respond positively not only to the sustainability of packaging but also clear messaging on the package.



May be used only on
RNG Plastic products

Required by US Plastic
Pact – but not RNG
Plastic products



RNG Plastic products are the sustainable Solution

They boast a recycle rate over 85% through the largest recycling network in the U.S., the EPA regulated, LMOP partnered landfills / recovery centers.

[Email us to learn more about RNG Plastics](#)



International Partner



RNG Plastics
good for mankind



LMOP Industry Partner

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