



Non-Recyclable Plastics Double Landfill Biofuel Output

- RNG Plastics are 100% recyclable today! ·
- Sustainability goalposts keep moving ·
- The best kept secret in the world of plastics - RNG Plastics upcycled into new polymers ·

The Perfect Transition into a Sustainable Future



RNG Plastics: 100% Recyclable at LMOP-Partnered Landfills

- No microplastic
- No greenhouse gas
- No problem with contaminants and laminates
- LMOP partnered landfill Recovery Centers serve most of the U.S. population

**RNG Plastics contribute to energy independence
for the U.S., Canada, and China**

Fossil Fuel Plastics

RNG Plastics



The Difference is RNG Plastics



Mechanical Recyclability Sustainability Goalposts Are 90 Yards Away

And keep moving

Over the last 30 years the water keeps getting muddier. Science and common sense is being ignored. Social media takes great pleasure in distorting the truth. The reality is mechanical and chemical recycling is expensive, unhealthy, and requires additional fossil fuel boosts.

Mechanical recycling will always be downcycling with no sustainable future in sight.

Turning RNG Plastics into New Polymers

Upcycled RNG Plastics: The Future of Low-Cost Plastic Production

Here's a snapshot of reality:

- **Current State:** RNG plastics are being efficiently recycled primarily into methane and small amounts of ethane gas. This process not only helps in safely capturing these gases but also plays a significant role in reducing greenhouse gas emissions. Currently, RNG plastics are fully recovered into a Low Carbon Fuel Source (LCFS). And the conversion of

methane into bioplastic has already begun.

- **Short-Term Outlook:** In the near future, advancements will see ethane being converted into ethylene. Additionally, ongoing developments are set to enhance the methane conversion processes, paving the way for efficient and sustainable plastic production.
- **Long-Term Prospects:** As technology progresses, the conversion of methane into plastic becomes a reality and increasingly cost-effective, surpassing the costs of both mechanical and chemical recycling methods. This milestone will mark a significant reduction in production costs with a positive environmental impact.
- **Future Vision:** Looking further ahead, reliance on fossil fuel natural gases diminishes. RNG takes center stage, replacing fossil fuels entirely. A sustainable planet- and humanity-friendly plastic production industry is underway.

We welcome your interest in learning more about this exciting future:
hello@rngplastics.com

RNG Plastic products are the sustainable Solution

You can make a difference today and help improve the safety and health of humanity and planet Earth.

[Email us to talk to a sales engineer in the U.S., Canada, or China](#)



International Partner



**RNG Plastics
good for mankind**



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