RNG Plastics - *The Safe Choice*

A Carbon-Neutral, Truly Sustainable Technology

• RNG Plastics meet the objectives of a *Circular Economy* •
• Help mitigate global warming, reduce pollution, stabilize landfills •

RNG Plastics – a *Circular Economy Model*

RNG Plastics:

- ***Renewable***
- ***Recyclable***
- ***Landfill-Safe***
- ***Reduce waste***
- ***Reusable/strong***
- ***Exceed EPR rules***
- ***Help stabilize landfills***

RNG Plastics are a promising solution to the plastic waste crisis. It addresses the shortcomings of traditional plastic recycling. Fossil-fuel and PCR plastics headed to the landfill are renewed into biogas and RNG, breaking the cycle of reliance on an ineffective recycling system.

RNG Plastics' innovative approach offers several key advantages:

Renewable: RNG Plastics' technology transforms waste plastic products into a renewable resource, reducing the future reliance on fossil fuel plastics. This aligns with the principles of a circular economy, where waste becomes a valuable input rather than a disposal burden.

Recyclable: RNG Plastics' can be recycled into new products, further closing the loop and minimizing the need for virgin plastic production. This doubles the concept of circularity!

Landfill-Safe: Unlike conventional plastics that slowly release GhG in landfills for decades, RNG Plastics naturally bio-assimilate and its gases are safely captured during the normal life of an LMOP landfill. This addresses the growing concern of plastic pollution in landfills.

Reusable/strong: RNG Plastics have the same performance qualities as fossil fuel plastics and are ideal for reusable products (like grocery sacks). This further extends a product's lifecycle and reduces the overall demand for virgin plastics. A sustainable approach to material use.

Meet EPR Rules: RNG Plastics' technology aligns with Extended Producer Responsibility (EPR) regulations, which place the responsibility for managing product waste on producers. This helps ensure that plastic waste is properly handled and recovered/renewed.

Reduce waste: RNG Plastics' full bio-assimilation and biogas capturing process in landfills provide minimal leftover water vapor and biomass. Safe, healthy in a circular economy.

Stabilize landfills: With a tiny amount of leftover water vapor and organic matter, RNG Plastics lower the risk of fugitive methane emissions with no impact on groundwater or soil quality. This addresses the environmental concerns associated with landfills.

Overall, RNG Plastics represents a significant step forward in addressing the plastic waste crisis. It is a more sustainable and circular solution compared to conventional plastic recycling. We believe it will transform the destiny of the plastics industry and contribute to an environmentally responsible future.

The EPA's Mission – Reduce Global Warming

RNG Plastics™

Renewable for centuries to come

Primarily done by *reducing methane emissions*

RNG Plastics technology does exactly that. It reduces methane emissions by preventing its plastic material to biodegrade and leak methane into the atmosphere.

Instead, it's safely captured in the LMOP landfills. A perfect world…a closed loop.

Safely capturing the methane during the life of the LMOP landfill reduces pollution and helps stabilize a landfill for future development.

Need we say more? Contact us and we'll get you started!

Everyone has choices in life – we choose a future based on reality

We wish you the best during the holiday season!

International Partner

RNG Plastics
good for mankind

LMOP Industry Partner

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We always welcome your comments! Please email hello@rngplastics.com