



**ECOREMEDY**  
The **CLEAN** Solution™ to Waste

A Guide to Cleaner Solutions for  
Municipal, Industrial, and Agricultural Residuals



**S**ince 1992, EcoRemedy has provided ecological and economical solutions for residual management, converting disposal liabilities into environmental benefits. Recognized as an under-utilized resource, EcoRemedy sustainably converts organic and cellulosic waste to clean, renewable energy, recovered nutrients, and reduced processing costs. EcoRemedy's patented Fluid Lift Gasification™ (FLG) creates an integrated CLEAN Solution™ to Waste.



Ecoremedy's Fluid Lift Gasification™ (FLG), tested for over 10 years, provides the industry's most cost effective and environmentally safe way to process waste.

## A Revolutionary **CLEAN** Solution™ to Waste Processing

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**M**unicipal and industrial wastewater treatment facilities process and dispose of millions of tons of sewage sludge and Biosolids each year, negatively impacting our land, waterways, and wildlife. In addition, decreasing availability for land application and resistance from landfills have created uncertainty of how to address trucking, processing, and environmental costs.

Ecoremedy provides the first complete solution to wastewater sludge. Our advanced Fluid Lift Gasification™ (FLG) and nutrient recovery process converts waste sludge to energy, concentrated nutrients, and exceptional quality ("EQ") Biosolids. Now, water treatment facilities can dramatically reduce operating costs associated with waste disposal while cleanly converting sludge to renewable energy and saleable byproducts without the need for supplemental fuel.



## The **CLEAN** Solution™ to Residual Management

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**E**coremedy provides an integrated **CLEAN** Solution™ to residuals, repurposing unwanted material to energy and value-added byproducts at the source of production, resulting in a renewable energy facility with negative carbon footprint that reduces traditional operating costs and provides environmental benefits from reduced truck traffic (+/- 93%) and organic byproducts.

**C**ost Reduction

**L**ong-Term Solution

**E**nvironmental Impact

**A**dded Value

**N**o Carbon Footprint

Lower processing costs and minimize dependence on volatile market drivers.

Stabilize operational costs and convert your waste liability to beneficial use.

Reduce Greenhouse Gas (GHG) emissions, nutrient runoff, and landfill burden.

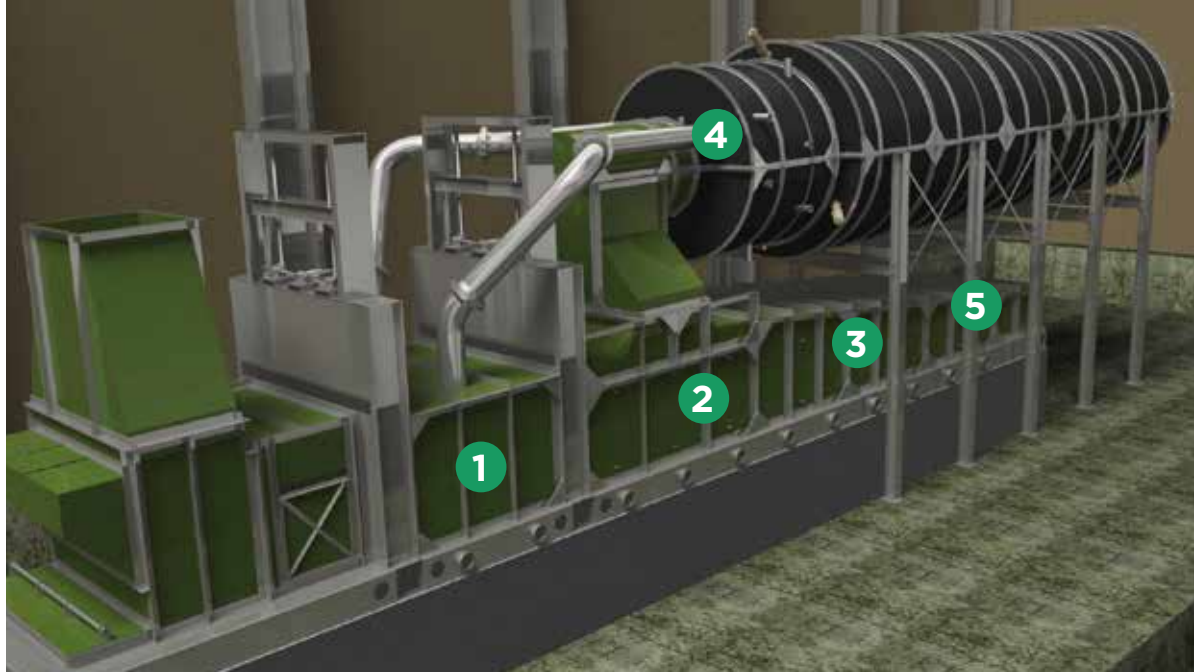
Produce valuable energy and saleable byproducts.

Self-sustaining process requires no fossil fuel, reduces carbon emissions from truck traffic and mitigates denitrification of land applied solids.

## The Five Stages of Transformation

Ecoremedy Fluid Lift Gasification™ (FLG) is the most advanced process for converting municipal, industrial, and agricultural waste into energy and saleable byproducts.

1. Evaporate moisture
2. Pyrolize to carbon
3. Gasify to syngas
4. Oxidize syngas
5. Collect nutrients



## The Evolution of Ecoremedy

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Ecoremedy was established in 1992 as an integrator of proven gasification solutions for municipal, industrial, and agricultural waste solutions. After careful research, development, testing, and implementation, we patented, commercialized, and deployed the Ecoremedy® FLG™ technology, solving the problems associated with high moisture, high ash, low energy content waste streams that have plagued industry for years.

In 2017, Ecoremedy partnered with Rockwell Venture Capital of Pittsburgh, PA and expanded its mission to reduce the carbon footprint, waste management risk and operating costs of agriculture, municipalities, and industrials. Ecoremedy's patented renewable energy system, based on advanced gasification, pyrolysis, and nutrient recovery, has been shown to be the most efficient way to convert municipal, industrial, and agricultural waste into useful byproducts that can be used for energy production and other applications.

Ecoremedy LLC offers a long-term, low risk solution to our clients. We will incur the financial and operational risk associated with waste-to-energy projects by offering to build, own, operate, and manage (BOOM) projects under a long-term waste disposal contract with the host generator. When appropriate, Ecoremedy LLC endeavors to Joint Venture with other service providers to offer a comprehensive solution.



With multiple commercial deployments and strategic relationships around the world, Ecoremedy's systems are endorsed by industry leaders, top agricultural universities, US EPA experts, and energy industry experts.

## Proven. Tested. Approved.

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**“Ecoremedy has created a system that is different and superior to the others who are trying to do the same thing... It is a proven, commercially-viable technology.”**

Kyle Michael, Northeast Regional Manager and Gasification Consultant, Bluewater Energy Solutions

**“Ecoremedy’s proven performance at Tyson Foods’ facility during all seasons of the year validates the technology... As an expert in biomass gasification, I offer my endorsement of the Ecoremedy technology.”**

Dave Sharpe, Principal, Boiler and Steam Systems, LLC

**“The dry, lightweight ash is easy to ship and simple to apply... This is a viable alternative to local land application.”**

Dan Heller, Owner, Flintrock Farms

**“In my opinion this technology offers advantages over many other litter-to-energy technologies that I have worked with.”**

Dr. Mark Risse, PE, PhD. Georgia Power Professor of Water Policy, University of Georgia

**“I applied the product to a few of my fields and was completely satisfied with the results. I noticed no negative affects to plant growth or plant yield. In fact, by my observations, the plants seemed to be more productive and healthier.”**

Pat Knipp, Commercial Soybean Grower, Missouri



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