



# Fluid Lift Gasification™

Recover Energy.

Upcycle Solids.

Stabilize Costs.

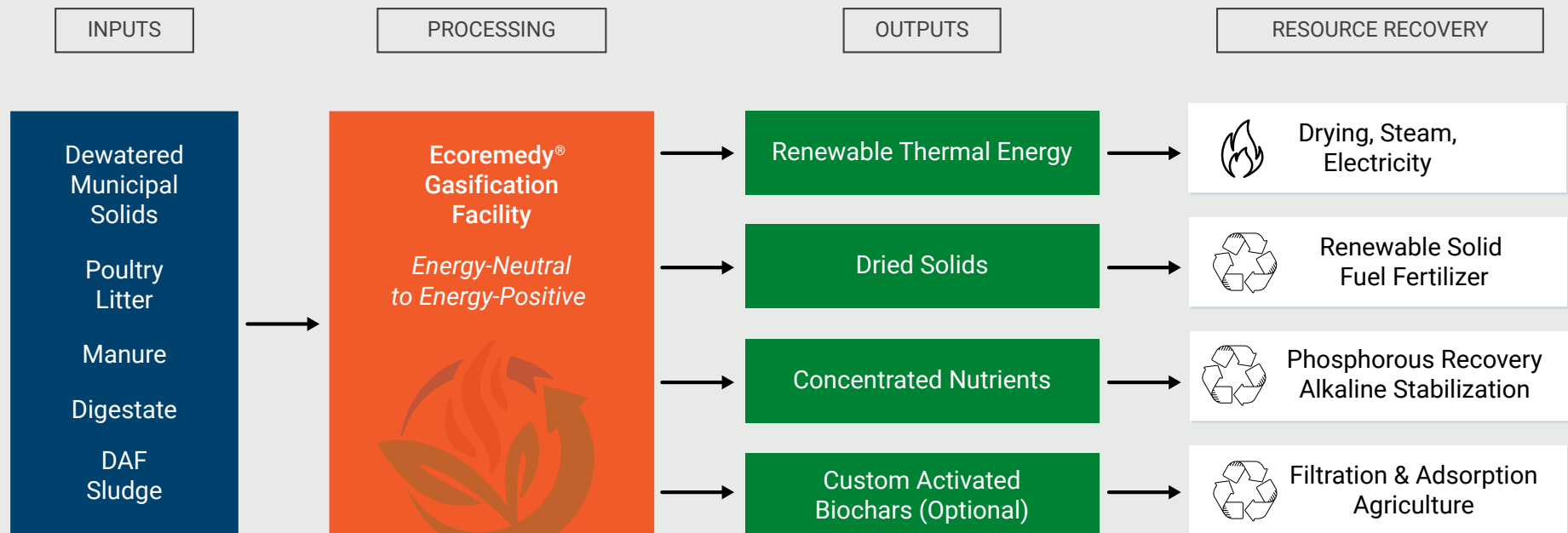
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# FLUID LIFT GASIFICATION

Ecoremedy's Fluid Lift Gasification (FLG) process is the world's most advanced platform for simultaneous gasification, pyrolysis, nutrient, and energy recovery from industrial residuals and municipal waste biosolids. Our proprietary design incorporates over 25 years of gasification and thermal oxidation reactor design with industry-standard components to produce a completely modular, scalable, and economical solution to the world's most challenging residuals conversion and disposal issues.

## ECOREMEDY FLUID LIFT GASIFICATION PROCESS



# STATE-OF-THE-ART BIOSOLIDS GASIFICATION

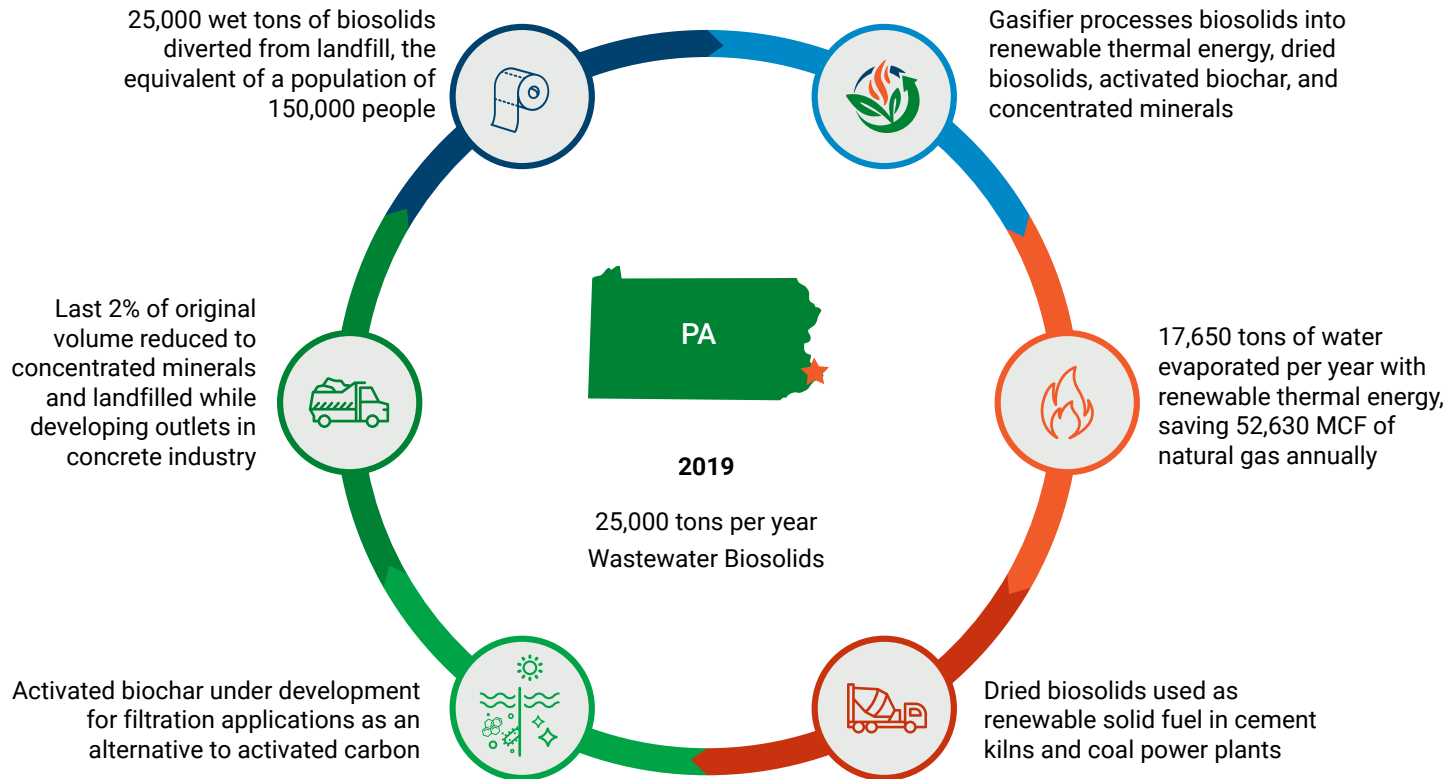
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- ✓ Each system can process up to 25,000 tons per year of organic residuals
- ✓ Performance guaranteed
- ✓ Auto-thermal operations
- ✓ Emerging contaminants destroyed
- ✓ Pricing competitive with incineration, drying, and pyrolysis



# MORRISVILLE BIOSOLIDS GASIFICATION PROJECT

Ecoremedy provides thermal drying of all incoming sludge using only thermal energy recovered from the biosolids. To provide flexibility for changing regulations and markets, recovered resources include dried Class A biosolids, activated biochar, and concentrated nutrients.





“The system is simple to construct, integrate into existing industrial and agricultural applications and is easy to operate and maintain. They have 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



“I have experienced many pyrolysis processes in my 50 years of professional experience, and I believe your Eco remedy technology has the best handle on it.”

**WALTER S. SMITH**

President – Walter Smith and Associates  
Industry Expert in Air Emissions



LIFT TECHNOLOGY SCAN  
PROGRAM MEMBER

# PROJECT DEVELOPMENT OPTIONS

## OPTION 1

### Standard Scope

Proprietary Process Engineering and Sourcing/Integration

#### ECOREMEDY PROVIDES

- Gasifier + Oxidizer\*
- Process Control Logic (PLC)\*
- Direct Dryer System
- Air Emission Control
- Odor Control
- Material Handling
- Performance Test
- Commissioning Warranty
- O&M Manuals
- Operator Training
- On-going Optimization (Optional)

\* Proprietary

## OPTION 2

### BOOM Alternative

#### ECOREMEDY PROVIDES

- Development
- Permitting
- Financing
- End-Product Offtake

*Subject to Ecoremedy, LLC, underwriting, value, and volume*

## OPTION 3

### Non-Ecoremedy Scope

#### ECOREMEDY PROVIDES

- Site Preparation
- Demolition
- Building
- Construction
- Installation
- End-Product Offtake
- Civil, Structural, and Seismic Engineering
- Construction Drawings

