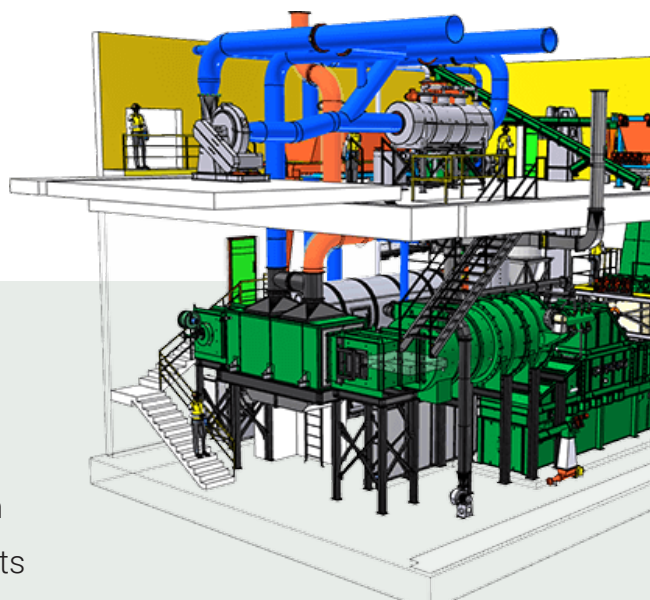


Ecoremedy provides the world's most flexible and advanced platform for nutrient and energy recovery from organic residuals.

Established in 1992, Our systems deliver proven volume reduction, nutrient conversion, and energy recovery to municipal, industrial, and agricultural projects worldwide.

Company Facts

- Ecoremedy is revolutionizing the way agriculture, industry, and municipalities recover energy, nutrients, and value from their organic waste through gasification.
- Ecoremedy designs complete biosolids drying and gasification facilities.
- Since 1992, the Ecoremedy team has been delivering renewable energy solutions for a wide array of waste streams.
- The entire Ecoremedy system is proudly fabricated in the United States.



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Vice President of Marketing
and Public Relations



About the Founder

As president and CTO of Ecoremedy®, David Mooney is a hands-on leader, motivating Ecoremedy's dynamic team of scientists, engineers, and leaders in their mission to design and deliver world-class waste management and energy recovery systems.

A globally recognized expert in renewable energy solutions, Dave is the inventor of the Ecoremedy Fluid Lift Gasification™ technology. He is a two-time US and world patent holder known by his colleagues for his creative and innovative approach to solving the world's most challenging waste management issues as well as his approachability and self-effacing humor. Consulted by scientists at universities worldwide for his understanding of gasification, Dave is a sought-after speaker at industry events. He is a Virginia Tech trained engineer with three decades of experience in waste repurposing, renewable energy generation, energy conservation, and value-added product development.

Motivated by a core belief that we are to be good stewards of creation, Dave has made the challenge of turning waste liabilities into environmental opportunities his life's mission. Yet, he points to his greatest accomplishment as his family. In his spare time, you can find Dave kayaking, hiking, and biking through central Pennsylvania with his wife, Kristin, or trying desperately to beat his two adult children in an ongoing battle of Kan Jam. In case you are keeping score, the kids are winning.



David Mooney

President and Chief Technology Officer

Team Members

[Download Team Photos](#)

Photos and Biographies of the Ecoremedy Team

David Mooney – President and CTO

S. Kent Rockwell – Chairman

John Irvin – Manager Director

Ray Tedesco – Board Member and Financial Advisor

Mike Kaliszewski – Chief Financial Officer

Brian Novak – VP of Engineering

Dion Banks – VP of Marketing and Public Relations

Michael Nicholson – VP of Sales and Business Development

David Pavlik – General Manager and Financial Analyst

Katie Tandlmayer – Graphic Design and Digital Development

Brad Morgan – Field Operations Manager

Anthony Martinez – Site Operations Manager

Aaron Lewer – Project Engineer

Chad Knoll – Field Operator

Kelly Gatto – Office Manager

Lauri Aston – Human Resources Manager

Gasification Fact Sheet

Gasification is a process that converts biomass- or fossil fuel-based carbonaceous materials into gases, including as the largest fractions: nitrogen, carbon monoxide, hydrogen, and carbon dioxide.



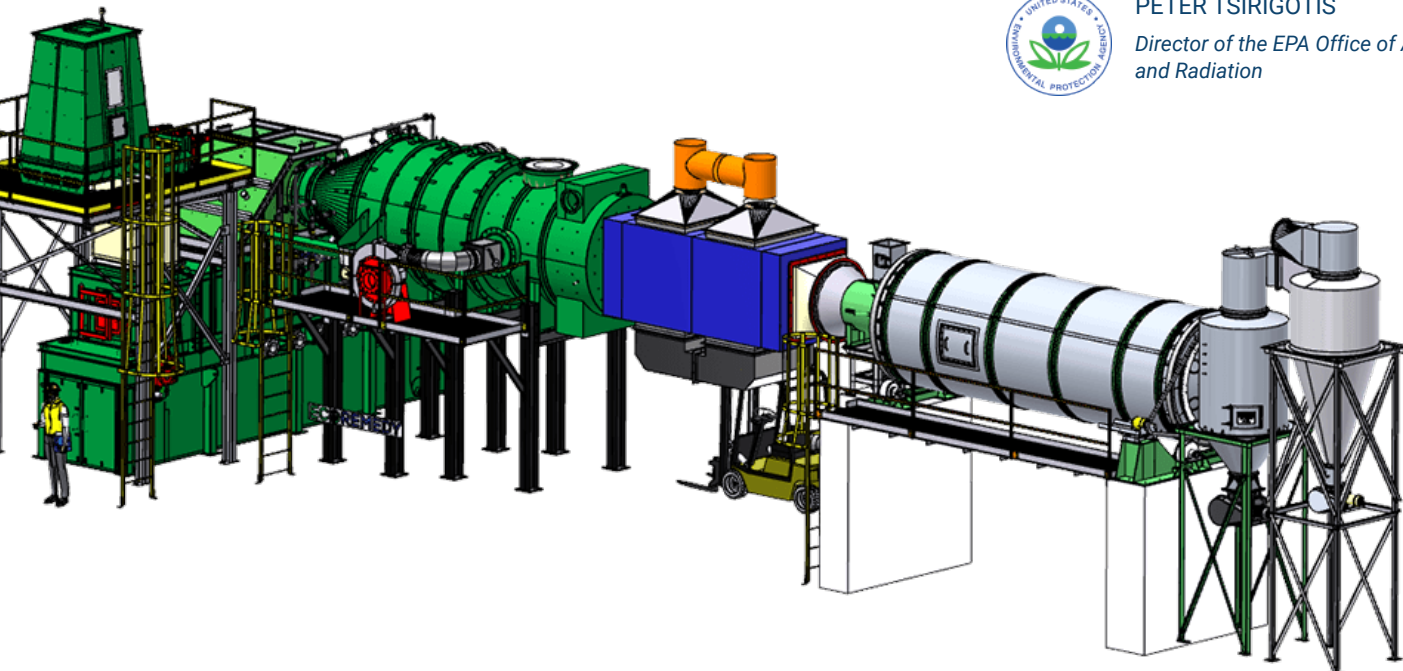
Fluid Lift Gasification™ was created in 2001.

- The Ecoremedy Fluid Lift Gasification technology allows operators to switch in real-time between three different modes:
 - Class A Biosolids
 - Maximum Volume Reduction
 - High-Carbon FlexChar™
- Ecoremedy Fluid Lift Gasification process advantages:
 - Flexible
 - Safe
 - Profitable
- Ecoremedy gasification converts raw solids to highly marketable fertilizer with more than 90% available nutrients – 150% better than traditional techniques.
- When organic residuals are dewatered and undergo treatment, the nutrient-rich product is called biosolids.
- The gasification of waste reduces the need for landfill space, decreases methane emissions, and reduces the use of fossil fuels.
- Gasification is NOT incineration.

“EPA concluded that the Ecoremedy gasifier unit as proposed would not combust sewage sludge as defined in the pertinent regulations and that the SSI NSPS would not apply to the biosolids gasification unit that is proposed for construction at the wastewater treatment facility of the City of Edmonds.”



PETER TSIRIGOTIS
Director of the EPA Office of Air and Radiation



What Others are Saying about Ecoremedy

"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 Ecoremedy Technology has the best handle on it."



WALTER S. SMITH

Author of EPA methods 1-8 and the F-factors, Industry Consultant

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



DR. MARK RISSE

PE, Georgia Power Professor of Water Policy - University of Georgia

"I can say that I have been impressed with the performance of the unit [gasifier] at our feed mill during the pilot project and the unit has met our processing expectations."



UNITED STATES POULTRY INTEGRATOR

Manager New Technologies



Downloadable Assets

The Ecoremedy Logo

Includes .png and .svg files with full and single color variations

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Logo Icon



Images for article usage

High resolution photos of Ecoremedy equipment, recent projects, team members, and public events

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