



CLEAN METHANE  
SYSTEMS LLC

# Clean Methane Systems

WE GET BIOGAS. YOU GET ENERGY.



**Clean Methane Systems** drives innovation at the waste and energy nexus, turning biogas challenges into renewable energy opportunities. By prioritizing actionable solutions, we ensure our clients are set up for lasting success.

Our forward-thinking, results-driven team enhances energy projects with seamless execution, advanced technology integration, and expert regulatory support. We deliver high-performance systems that simplify operations and consistently exceed expectations.

## CREATING & MONETIZING THE DECARBONIZED FUTURE

Back in 1996 our line of equipment was first designed to clean siloxanes out of digester gas at the Carson Cogen facility at Sacramento County MSD in order to protect their SCR exhaust catalyst and save maintenance dollars.

Today our legacy portfolio of over 150 global installations demonstrates our ability to optimize waste-to-energy projects across municipal, industrial, and agricultural applications.

Our vision is a future driven by solutions that eliminate harmful emissions and harness the potential of valuable renewable resources.

# Delivery Models

Our flexible delivery models are tailored to fit your specific needs and resources. Each approach leverages our comprehensive gas conditioning, electrification and upgrading expertise to deliver measurable outcomes: guaranteed outlet specifications, reduced operating costs, and maximized energy value from your biogas resources.

## PERFORMANCE BASED CONTRACTING

Want to begin to solve problems before the details are perfectly understood? *THIS IS FOR YOU.*

## DESIGN BUILD CONTRACTING

You have a plan and a team, and you are looking for a partner to deliver? *THIS IS FOR YOU.*

## DESIGN BUILD OWN OPERATE

Limited bandwidth, limited resources and low risk tolerance? *THIS IS FOR YOU.*

## DEVELOPER AS A SERVICE

Want to put a team together and do it yourself? *THIS IS FOR YOU.*



## CMS BIOGAS SOLUTIONS

PROVIDING A ONE-STOP-SHOP FOR BIOGAS CONDITIONING, UPGRADING, AND ENERGY GENERATION

### BIOGAS TO ELECTRICITY

This is how CMS started in the business. We offer cost-effective, proven technologies for removing moisture, hydrogen sulfide, siloxanes, VOCs and ammonia. Our solutions integrate seamlessly with clean, efficient generation technologies. They can be provided as complete flange-to-end-use systems or as à la carte technology packages.

### RENEWABLE NATURAL GAS UPGRADING

CMS collaborates with trusted partners to deliver best-in-class solutions for CO<sub>2</sub> removal, ensuring pipeline-quality RNG. With a focus on top-tier amine technologies and advanced membrane systems, we provide comprehensive, reliable solutions designed to meet the evolving needs of the industry.

### BIOGAS TO HYDROGEN AND CO<sub>2</sub>

As incentives and markets continue to evolve, the conversion of biogas into hydrogen and CO<sub>2</sub> presents a valuable opportunity—particularly at higher volumes and in proximity to urban areas or industrial hubs. CMS is prepared to offer comprehensive services in this area, from project origination to market development, integrating advanced technology solutions tailored for versatility and reliability.

### DEVELOPMENT SERVICES/PROJECT ORIGINATION

Advancing a project to qualify for financing can often be a complex challenge. CMS supports you in developing your project by offering the technical expertise needed to navigate underwriting successfully, secure financing, and deliver a complete development package. We regularly collaborate with key financial partners who understand the industry and offer competitive financing solutions to qualified partners.

### PROJECT RISK AND FUNDING ASSISTANCE

With nearly three decades of industry expertise, CMS recognizes that the biggest challenges for biogas projects often extend beyond technical obstacles. We specialize in de-risking your project and identifying funding sources to propel your development forward. This includes delivering effective solutions to navigate or sidestep the roadblocks you may encounter.

CMS understands that successful renewable energy projects demand more than advanced technology—they require practical solutions that work within real-world operational and financial constraints.