

CH Four Biogas is a Leader in the North American Biogas Industry

- ✓ We have effectively adapted more than 20 years of Swiss digester experience to the North American market
- ✓ Our existing systems constantly produce more than 5 MW of electricity
- ✓ All of our systems perform as designed or above their expected gas output consistently
- ✓ We have the expertise to address the unique requirements of specialized markets
- ✓ We successfully optimize biogas systems, even those designed by others
- ✓ We continually strive to innovate and optimize biogas technology
- ✓ Our customers are provided with timely answers and ongoing service
- ✓ Our projects range from small farm digesters to industrial-scale facilities
- ✓ We carefully select local partners to ensure smooth project development and implementation, as well as successful system performance
- ✓ Our complete package includes permitting, design, construction oversight, system operation, feedstock sourcing, financing, and a stakeholder position in our projects.

We continue to help our clients expand their operations successfully and are excited about what the future holds!



Ask our specialists any biogas-related questions:

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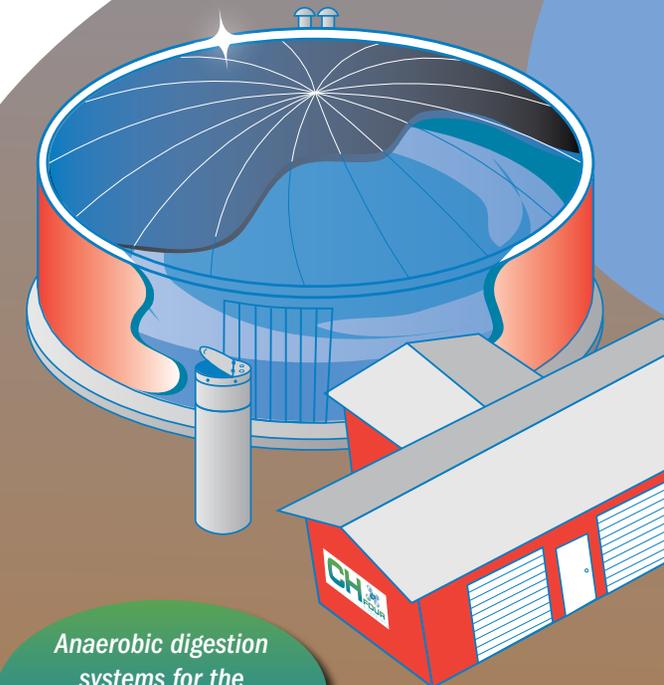
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North American Leaders in Biogas Technology



Anaerobic digestion systems for the agricultural, industrial and municipal sectors

www.CHFour.ca





CH Four Biogas specializes in the design, installation, and optimization of anaerobic digestion systems for the agricultural, industrial and municipal sectors throughout North and South America.

Biogas technology is a single solution to numerous environmental, social and economic issues

Biogas technology uses a biological process to produce a combustible gas from the decomposition of organic waste in an anaerobic setting. The gas, known as biogas, contains roughly 60% methane and 40% carbon dioxide. The process by-product is an organic fertilizer that can be land-applied and has been shown to improve soil fertility over time.

Since the mid-19th century, biogas technology has been successfully implemented thousands of times around the world, with system sizes ranging from single-family and single-livestock units to multi-megawatt community facilities.

CH Four Biogas has integrated more than 20 years of Swiss biogas know-how and successfully adapted and introduced the technology to the North American market.

CH Four systems are specifically designed for the co-digestion of a wide range of material, including the waste stream from the entire food industry, as well as other organic products. Farms, municipalities, waste water treatment facilities, as well as industrial complexes have successfully utilized our expertise and experience to develop and add high-value biogas systems to their operations.

Benefit from CH Four's Expertise and Reliable Biogas Technology

- Produce Renewable Energy
- Capture and Destroy Greenhouse Gases
- Facilitate Organic Waste Diversion
- Recycle Nutrients from the Consumer to the Producer
- Create High-Value Organic Fertilizer
- Reduce Up to 99% of Pathogens, Odors and Weed Seeds
- Develop Long-Term Economic Stability

CH Four Biogas offers cost-saving simulation technology to ensure stable anaerobic processes in your system

Our proprietary software models the digestion process for feedstocks under consideration. While conventional methods can take 10 to 30 days or longer, our technology can provide system owners with answers in as little time as a few hours. This technology, combined with our experience and expertise, enables system owners to:

- Know how a proposed feedstock impacts overall digester performance
- Take appropriate measures to stabilize the digestion process
- Take advantage of continuous analytical support
- Ensure predictable gas quantity and quality
- Implement operational recommendations to maximize system performance
- Experience a durable and reliably well-performing biogas system

SIMULATED BIogas FLOW COMPARED TO MEASURED BIogas FLOW IN THE LAB

