WE MAKE CLEAN ENERGY HAPPEN®

Certified Low-Emission Natural Gas

NEXTGEN GAS

February 3, 2025

The fundamentals of certified natural gas

Certified natural gas, also known as differentiated gas, is natural gas that is marketed and sold based on its verifiable environmental attributes, particularly the intensity of methane emissions.

But not all certification methodologies are the same…

MEASUREMENT TECHNOLOGIES

A wide variety of monitoring tools with varying levels of accuracy

PRODUCTION FOCUSED

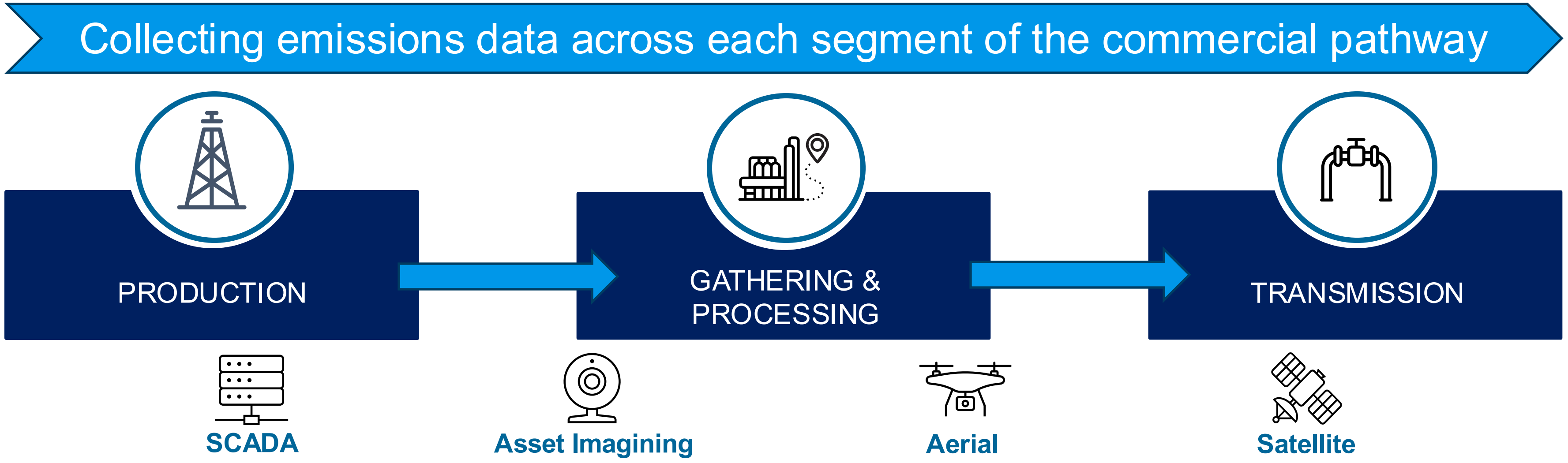
Measurement typically at the wellhead only, relying on generic estimates for other segments

DIFFERING STANDARDS

A range of standards and methodologies making comparison difficult

NextGen Gas is Setting the Standard for Certified Gas

Williams' Quantification Monitoring Reporting and Verification (QMRV) Program



OGMP
Oil And Gas Methane Partnership 2.0

Methane emissions data is measured and reported in compliance with OGMP 2.0 methodologies

Williams submitted plans to achieve Level 4/5 Gold Standard for all its enterprise-wide commercial assets

Real-time, bottom-up and top-down emissions monitoring utilizing a wide range of technologies

NextGen Gas

Williams' certified natural gas: your solution in a changing environment

Regulatory Compliance

Trusted emissions data for compliance with most international standards and reducing carbon tax exposure.

Emission Reduction Goals

Reliable quantification of total CO_2e data for achieving emissions reduction targets.

Market Differentiation

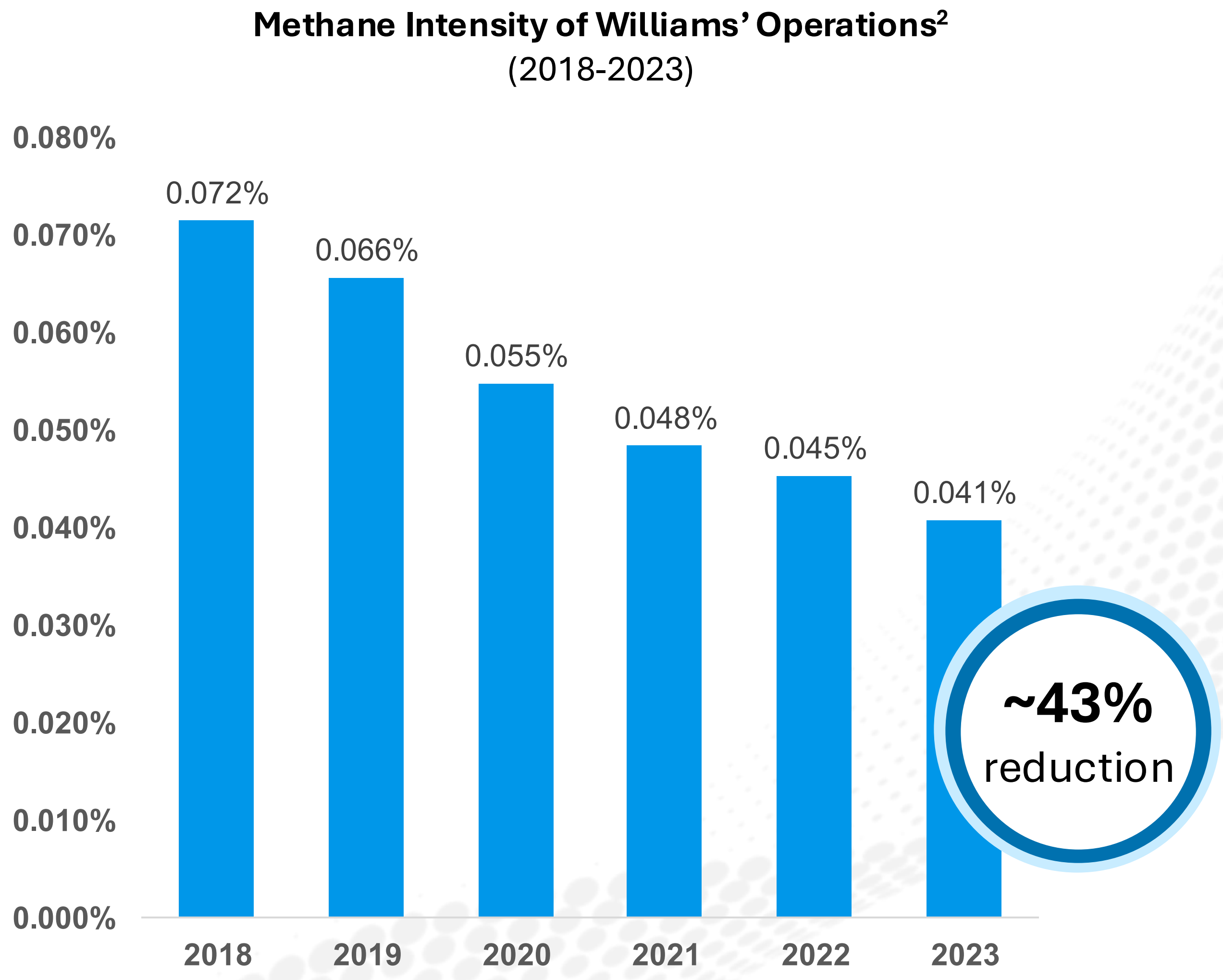
Lower carbon products can garner pricing premiums and gain access to evolving global markets.

Lowering Cost of Net Zero

EA certificates can be bundled with, and lower the total cost of, many carbon offset products for Net Zero.

Total Methane Intensity: Continued Improvement

- Established the methane reduction AIP[1] metric in 2022 to align emissions reductions with compensation
- Exceeding ONE Future targets across all three industry segments
- Strengthening our NextGen Gas commercialization opportunities in the U.S. and worldwide
- Set target of reaching 0.0375% in Scope 1 methane intensity by 2028, as part of OGMP 2.0 membership



[1]Annual Incentive Program.
[2]Methane intensity measured as methane emissions divided by methane throughput. Includes all Scope 1&2 methane emissions from Williams' operated assets – including additional minor sources of emissions versus previous methodology.

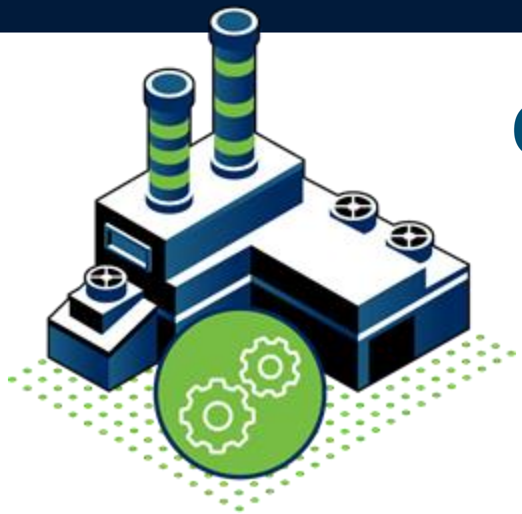
Distributed Carbon Capture for Industrial Infrastructure

The CarbonQuest team

- Company formed in April of 2020
- Seasoned entrepreneurs with a track record of success
- Passionate, mission driven and customer-oriented team
- Years of distributed energy transition experience

We accelerate global carbon reduction by providing solutions for decarbonizing distributed industrial infrastructure

Company Locations - 42 Global Team Members



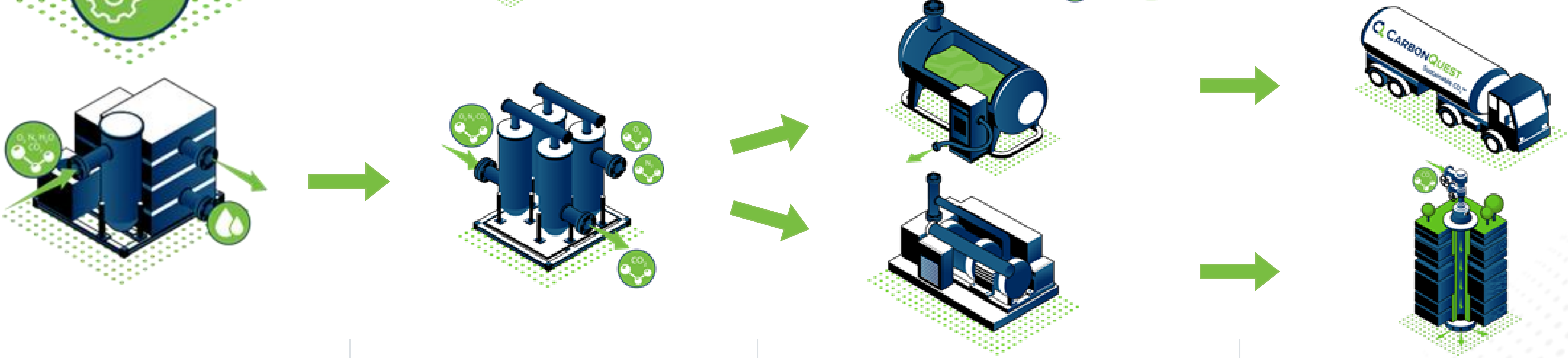
CarbonQuest's Distributed CCUS Solution

CarbonOS

Unattended autonomous intelligent control

Carbon Management

Lifetime system measurement, reporting and verification



1 | Extraction

Extract and pre-treat high CO2 concentration mixed gas, removing water content and pressurizing gas for separation phase.

2 | Separation

Process dry gas through an innovative vacuum pressure swing adsorption system separating CO2 for conversion phase.

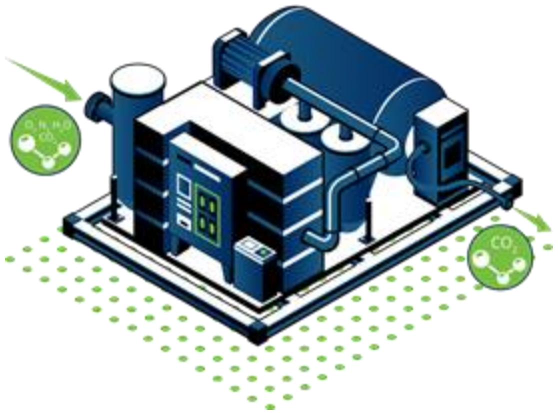
3 | Conversion/Compression

CO2 gas stream can be processed through proprietary liquefaction system removing impurities before being placed into a storage tank to await transfer OR recompressed for pipeline/well applications.

4 | Utilization/Sequestration

The liquid SustainableCO2™ is regularly transferred to customers who reduce emissions through utilization OR placed into wells for in-ground applications.

Standardized Modular & Flexible Product Offerings



- Complete integrated carbon capture solution
- Separation Only, Separation + Liquefaction, OR Separation + Recompression
- Standard skids/containers laid out to specific customer site integration requirements
- Full Factory Acceptance Testing of site system

Combustion Products	Tons per Annum*
DCCS-0400	1,000
DCCS-0800	2,000
DCCS-1600	4,000
DCCS-3200	8,000
DCCS-6400	16,000
DCCS-9600	***24,000***

*Combustion design capacity @ 9.5% CO_2 in flue gas

HyAxiom Fuel Cell Products	Tons per Annum
HFCC-0003	***5,300***
HFCC-0005	***8,900***
HFCC-0008	***14,200***
HFCC-0013	***23,200***
HFCC-0020	***35,700***

Bloom Fuel Cell Products	Tons per Annum
BFCC-0005	***5,200***
BFCC-0008	***8,300***
BFCC-0012	***12,500***
BFCC-0020	***20,900***

DCCS Applications

- Industrial Boilers
  - → Industrial, Manufacturing, Food & Bev, District energy, Waste to Energy
- Distributed Low Carbon Power (Utility or Customer owned)
  - → CHP/Cogen systems
  - → Fuel cells (Bloom, Doosan, others)
- Recycle onsite applications
  - → Usage of CO2 onsite AND source of CO2 emissions
- RNG waste streams
  - → Digester, Landfill, Wastewater
- Blue Hydrogen
  - → Steam Methane Reformer CO2 capture
- Natural gas compressors

CarbonQuest

We would love to answer any questions you have

info@carbonquest.com

New York City, New York | Spokane Valley, Washington | Washington, DC

Matti Malkamäki

Chairman of the Board

We produce low-carbon hydrogen and high-quality carbon products by splitting methane

What sets Hycamite apart?

- Compared to steam methane reforming (SMR), we produce no CO_2 emissions.
- A highly energy-efficient process, utilizing only 13% of the energy needed in electrolysis.
- Carbon is captured in solid form and can be used as high-quality carbon products such as battery-grade graphite.

Benefit 1: Price

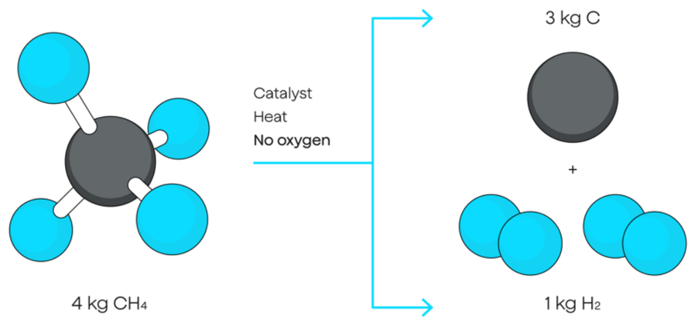
- Competitive pricing due to two revenue streams, hydrogen and solid carbon. The end user doesn’t have to pay a premium on low-carbon hydrogen.

Benefit 2: Life cycle emissions

- Our ultra-low carbon hydrogen typically has the smallest carbon footprint, even with natural gas as feedstock, compared to other technologies.

Benefit 3: Products

- Customized carbon products and production volumes according to the client’s needs. We produce a wide range of carbon products for various applications.



Entering industrial scale

- We have finalized the building of and are now commissioning our first industrial-scale plant, which is the largest methane-splitting plant in Europe. Once fully operational, the plant will produce 2 000 tons of low-carbon hydrogen and 6 000 tons of high-value carbon annually. The plant’s annual decarbonization capacity is up to 18 000 tons of CO_2.

2 kt
Annual hydrogen production capacity

6 kt
Annual carbon production capacity

70+
Employees in the organization

20+
Years of research behind our technology

4+
Strategic partners as investors

Contact us:

Hycamite.com

Hycamite

We produce low-carbon hydrogen and high-quality carbon products by splitting methane

Balanced carbon product portfolio

- Hycamite does not produce carbon black.
- The form of our carbon is carbon nanofibers that has graphitic areas – this is ideal for many different carbon applications.

High-volume, lower-cost products

- Our carbon can be used to replace carbon black and other lower-quality carbon products, for example, in tires, concrete, asphalt, and other similar applications.

High-value, lower volume products

- Our state-of-the-art carbon product is battery-grade graphite. We have successfully tested this against the products available on the market and in several features, we have the highest quality product available.

Batteries

Concrete

Steel

Polymers

Supercapacitors

Tires

European Strategic Project

- Out of only 47 projects in total, our graphite know-how and capabilities were awarded this spring the status of a strategic project by the European Commission. This will enhance our development and will also support our customers in the U.S.

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Contact us:

Hycamite.com

Hycamite

Advancing Through Innovation

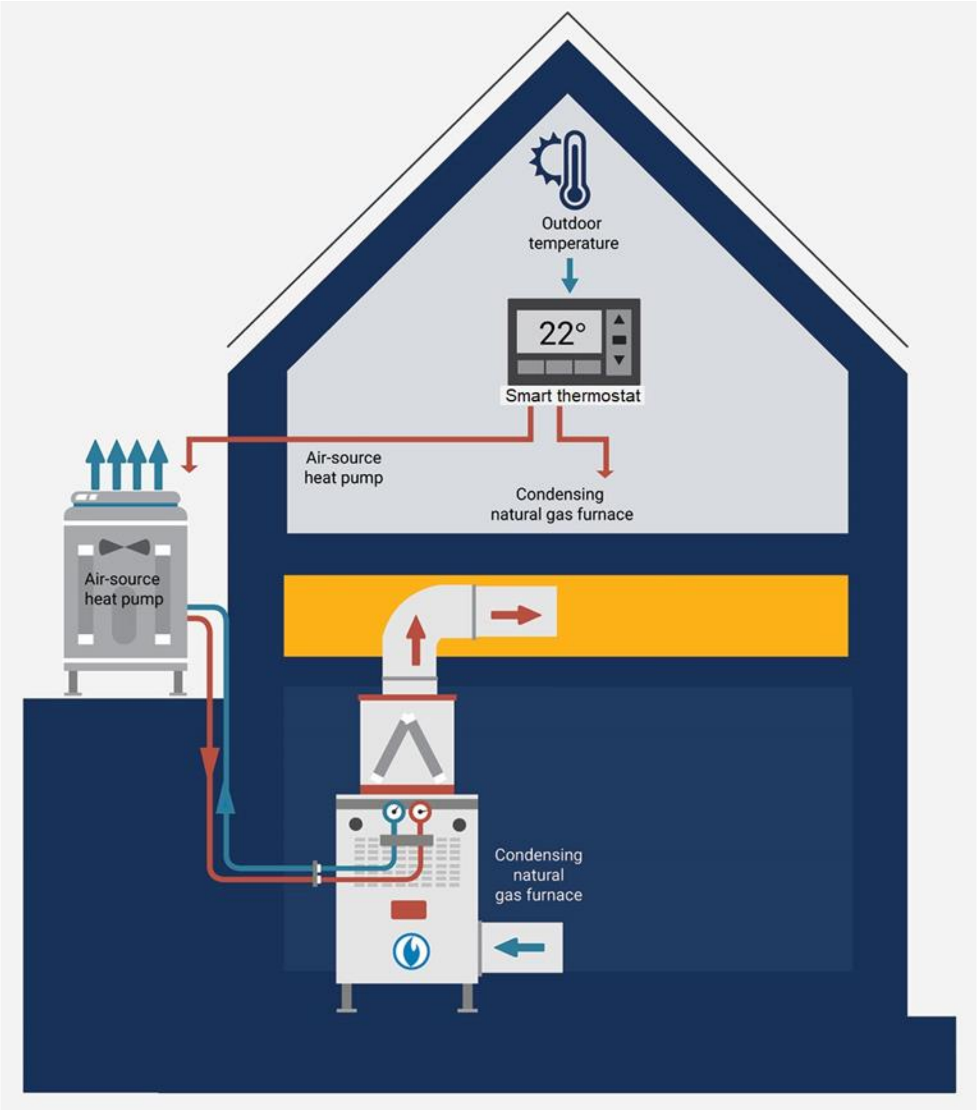
Energy Efficiency and Dual Fuel Systems at FortisBC

Danielle Wensink

Director, Conservation & Energy Management

June 5, 2025

Residential dual fuel heating system

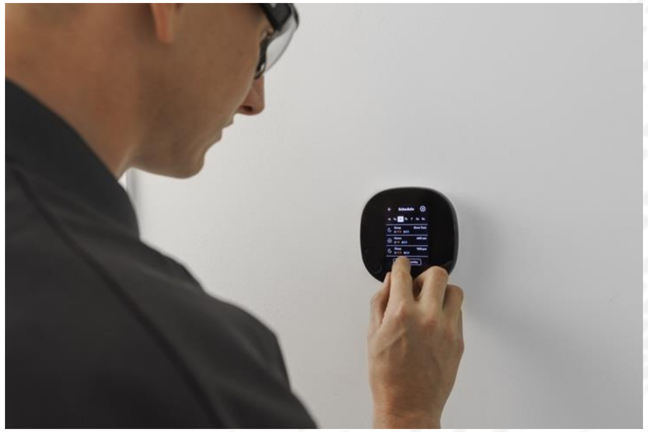


Most commonly a natural gas furnace and electric air source heat pump that are sequentially operated with an integrated control system.

Source: BKR Energy

Recent residential dual fuel installation

Kelowna, BC customer received a FortisBC rebate for this system.



Dual fuel rooftop unit