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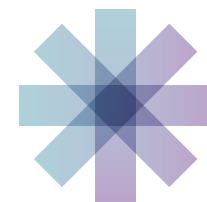


charbone

Q1 2026 Results & Corporate Update

June 29, 2026



charbone 

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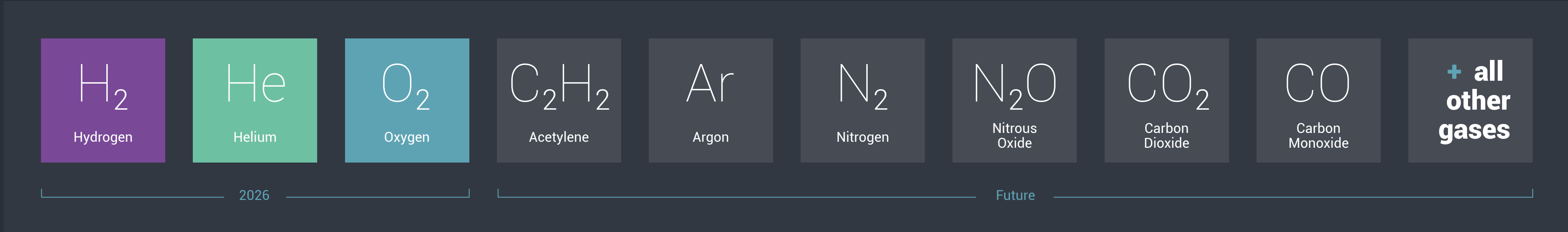
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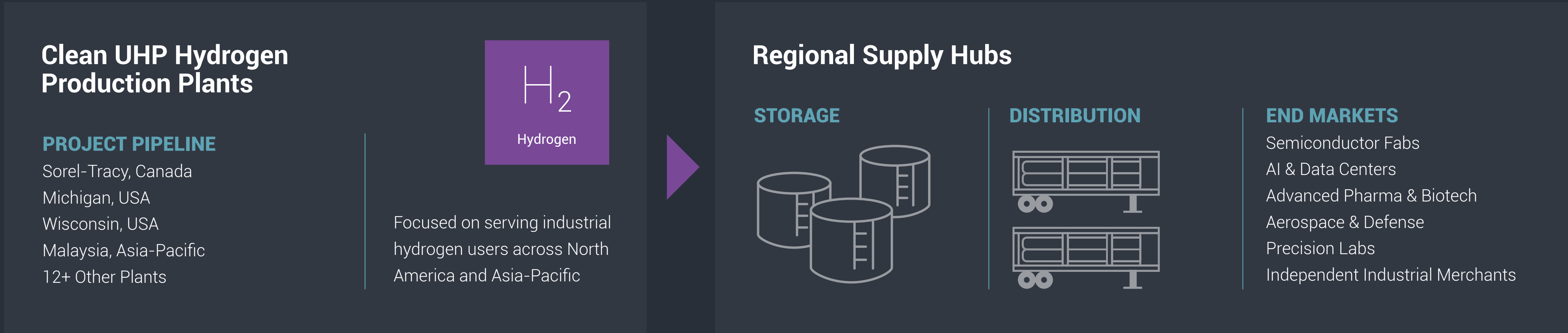


CHARBONE is a vertically integrated industrial gases company

INDUSTRIAL GASES FOR ALL APPLICATIONS



CHARBONE'S INDUSTRIAL GASES PLATFORM



CHARBONE Snapshot

Unmatched purity

Supplying Ultra-High-Purity (UHP) gases meeting the most stringent industry requirements across all molecules

Clean & Sustainable

Cleanest available local renewable energy sources for production and distribution of clean UHP H₂

Community-Driven Growth

Human-scale, transparent and locally rooted — building regional networks that drive positive economic impact within communities

Risk Mitigation

De-risk projects by scaling with a demand-centric, modular and fast-track approach

Integrated Supply Network

Decentralized supply hubs for storage and distribution of industrial gases close to customers

High-Growth End Markets

Serving semiconductors, AI & data centers, advanced pharma, and aerospace & defense — sectors where UHP gases are mission-critical

Our Mission

Become the leading decentralized, vertically integrated UHP industrial gases company in North America and Asia-Pacific — producing, storing, and distributing critical high-purity gases to the industries of the future.



Powering semiconductors, AI, pharma, and aerospace with reliable, locally produced UHP industrial gases.



CHARBONE First Quarter 2026 Activities & Results

Q1 RESULTS

Total Revenue

+4,731%

C\$244,778 vs. C\$5,067 in Q1 2025

Net Loss

C\$1.06M

Down 11% from C\$1.19M in Q1 2025

Cash Position

C\$2.76M

as of March 31, 2026

Commercial Production

Phase 1A at Sorel-Tracy producing UHP hydrogen commercially — continuous production since Q4 2025

Multi-Gas Platform

UHP hydrogen, helium and oxygen all sold in Q1 — full-stack platform serving customers across molecules

US & Canada Sales

Multiple deliveries confirmed across both sides of the border from a single integrated platform

Q1 HIGHLIGHTS

- ✓ **Phase 1A at Sorel-Tracy:** continuous UHP hydrogen production since Q4 2025; **Phase 1B** scale-up underway
- ✓ **First commercial sales confirmed** in both the U.S. and Canadian markets
- ✓ **Full multi-gas platform active:** UHP hydrogen, helium and oxygen delivered in Q1
- ✓ **\$10M secured convertible loan closed April 2026** with \$3M initial draw and optional drawdowns during the term of the loan



Industrial Gases Industry

A Critical Backbone of the Modern Economy

GLOBAL ULTRA-HIGH PURITY (UHP) GAS MARKET

- **Market Size:** Projected growth from US\$37.5B in 2025 to US\$52.8B by 2030 (CAGR of 7.1%) ¹
- **Demand Drivers:** Semiconductors, AI & data centers, advanced pharma, aerospace & defense ^{1,2}
- **Supply** dominated by a handful of global giants — creating a structural gap for regional, modular, decentralized players like CHARBONE

H₂ CLEAN UHP HYDROGEN

CHARBONE's core production molecule

- Fastest-growing segment globally ³
- Less than 1% of supply currently low-emissions ³

He HELIUM

Strategic, high-margin, supply-constrained

- Strategic raw material, classified by the EU, Canada and U.S. as critical for national and economic security ^{4,5}
- No viable substitutes in key applications ⁶

O₂ N₂ AR + ALL OTHER GASES

Recurring revenue foundation

- UHP semiconductor gas market: \$7.4B in 2025, growing to \$14.2B by 2034 at 7.5% CAGR ¹

¹ MarketsandMarkets - High Purity Gas Market Report 2025 ² McKinsey & Company - Industrial Gases: Growth Engines in a Changing Energy System
³ IEA Global Hydrogen Review 2025 ⁴ European Commission Critical Raw Materials Act 2023 ⁵ Natural Resources Canada Critical Minerals List 2024
⁶ U.S. Geological Survey Mineral Commodity Summaries 2025



Industrial Gases Industry

Hydrogen & Helium: High-Growth,
High-Margin, Undersupplied



H₂ CLEAN UHP HYDROGEN

- Global hydrogen demand reached nearly 100 million tonnes in 2024, less than 1% from low-emissions sources¹
- Fossil-based supply dominance creates a massive structural opportunity for clean UHP producers¹
- Capital investment in low-emissions hydrogen nearly doubled in 2024 to \$4.3B, projected to nearly double again in 2025 to ~\$8B¹
- Low-emissions hydrogen production set to reach 4.2 Mtpa by 2030, a fivefold increase vs. 2024¹

Drivers: semiconductor fabs, AI data centers, carbon-price pressure, industrial decarbonization mandates

He HELIUM

- Classified by the EU, Canada and the U.S. as a strategic critical material with no viable substitutes in semiconductor manufacturing, MRI, aerospace, and fiber optics^{2,3,4}
- Global helium market projected to grow from USD \$3.3B in 2025 to USD \$5.5B by 2034⁵
- Semiconductors account for 24% of global helium consumption in 2025, projected to rise to 30% by 2030³
- Supply highly geographically concentrated – chronic shortage risk creates pricing power for reliable regional distributors³

Directly aligned with CHARBONE's target end markets: semiconductors, AI, advanced pharma, aerospace & defense

¹IEA Global Hydrogen Review 2025 ²European Commission Critical Raw Materials Act 2023 ³U.S. Geological Survey Mineral Commodity Summaries: Helium 2025

⁴Natural Resources Canada Critical Minerals List 2024 ⁵Grand View Research - Helium Market Report 2025–2034



Industrial Gases Industry

Not all hydrogen is created equal

	STEAM METHANE REFORMER (SMR)	CARBON CAPTURE (CCS)	ELECTROLYSIS (CHARBONE'S CLEAN ULTRA-HIGH PURITY HYDROGEN)
Production Method ¹	Fossil-based (SMR)	SMR + CCS	Electrolysis (powered by low-carbon or renewable energy)
Primary Energy Source ¹	Natural gas	Natural gas + CCS	Cleanest baseload renewable electricity
Carbon Emissions ^{1,2}	High (~10 kg CO ₂ /kg)	Medium to Low	Very Low to Zero
Gas Price Volatility ³	✓ High	✓ High	✗ Zero
Supports Decarbonization?	✗ No	⚠ Partially	✓ Yes
Long-Term Outlook	Declining	Transitional	Strong growth in demand

¹ IEA Global Hydrogen Review 2025
² European Commission Critical Raw Materials Act 2023
³ U.S. Geological Survey Mineral Commodity Summaries: Helium 2025
⁴ Natural Resources Canada Critical Minerals List 2024
⁵ Grand View Research - Helium Market Report 2025–2034

99.999%+
Ultra High Purity (UHP) Hydrogen^{2,4}

- REQUIRED FOR:** ^{3,5}
- Semiconductor fabs
 - AI & data centers
 - Precision labs
 - Pharmaceutical & biotech
 - Aerospace applications
 - Advanced defense technologies

- WHY PURITY MATTERS?** ⁴
- Damages fuel cells
 - Reduces efficiency
 - Ruins semiconductor wafers
 - Contaminates chemical/pharma production

Industrial Gases Industry

Competitive Landscape

CENTRALIZED MEGA PLANTS FOR INDUSTRIAL GASES



DECENTRALIZED, LOCAL, MODULAR PLANTS



CHARBONE has no known advanced-stage competition in the modular, decentralized clean UHP hydrogen production market

CHARBONE's modular, decentralized approach directly solves the cost, purity, logistics, and emissions problems created by traditional mega-plant hydrogen suppliers — unlocking regional clean hydrogen markets that the majors cannot efficiently serve.

Industrial Gases Industry

Why the Market Is Ripe for a Disruptive Modular Approach

	MEGA HYDROGEN PLANTS (CENTRALIZED MODEL)	MODULAR LOCAL / DECENTRALIZED PRODUCTION (CHARBONE MODEL)
Production Scale ^{1,3}	Very Large (3 - 7+ years to deploy; permitting, construction, infrastructure)	Small to mid-scale modular units that scale with demand (6 - 12 months; fast and flexible deployment)
CAPEX ^{1,4,6}	\$\$\$\$ Very high (hundreds of millions to billions)	\$ Low (deployable in phases at a fraction of the cost)
Distance to Customer ³	Often hundreds of miles away from end-users	Local to Hyper-local (near the point of use)
Transportation Requirements ^{2,6}	- Heavy reliance on long-haul trucking requiring conversion from gas to liquid resulting in additional CAPEX - Loss from conversion and transportation process	- No need to convert gas into liquid hydrogen format for transportation - No product loss - Minimal transportation cost (Reduced carbon footprint)
Ability to Serve Small & Mid-Sized Customers ³	Low priority for global majors	Strong – optimized for underserved markets
Supply Reliability ¹	Vulnerable to logistics disruptions and long lead times	Highly reliable; local redundancy and rapid delivery
Best-Fit Markets ^{1,3,5,6}	Refining, ammonia, heavy industrial	Semiconductors, AI & data centers, advanced pharma, aerospace & defense, precision labs, backup power
Overall Market Outlook ^{1,3}	Mature, slow-growth, increasingly regulated	High-growth, scalable, aligned with future energy systems



Sorel Tracy Project

Ultra High Purity (UHP) Hydrogen Production

OVERVIEW

Location: Sorel-Tracy, Quebec, Canada

Modular Approach: Up to 5 Phases; Scale-up as market and demand grow

Emissions Reduction: Plans to reduce greenhouse gas emissions by 10 kilograms for each kilogram of hydrogen produced

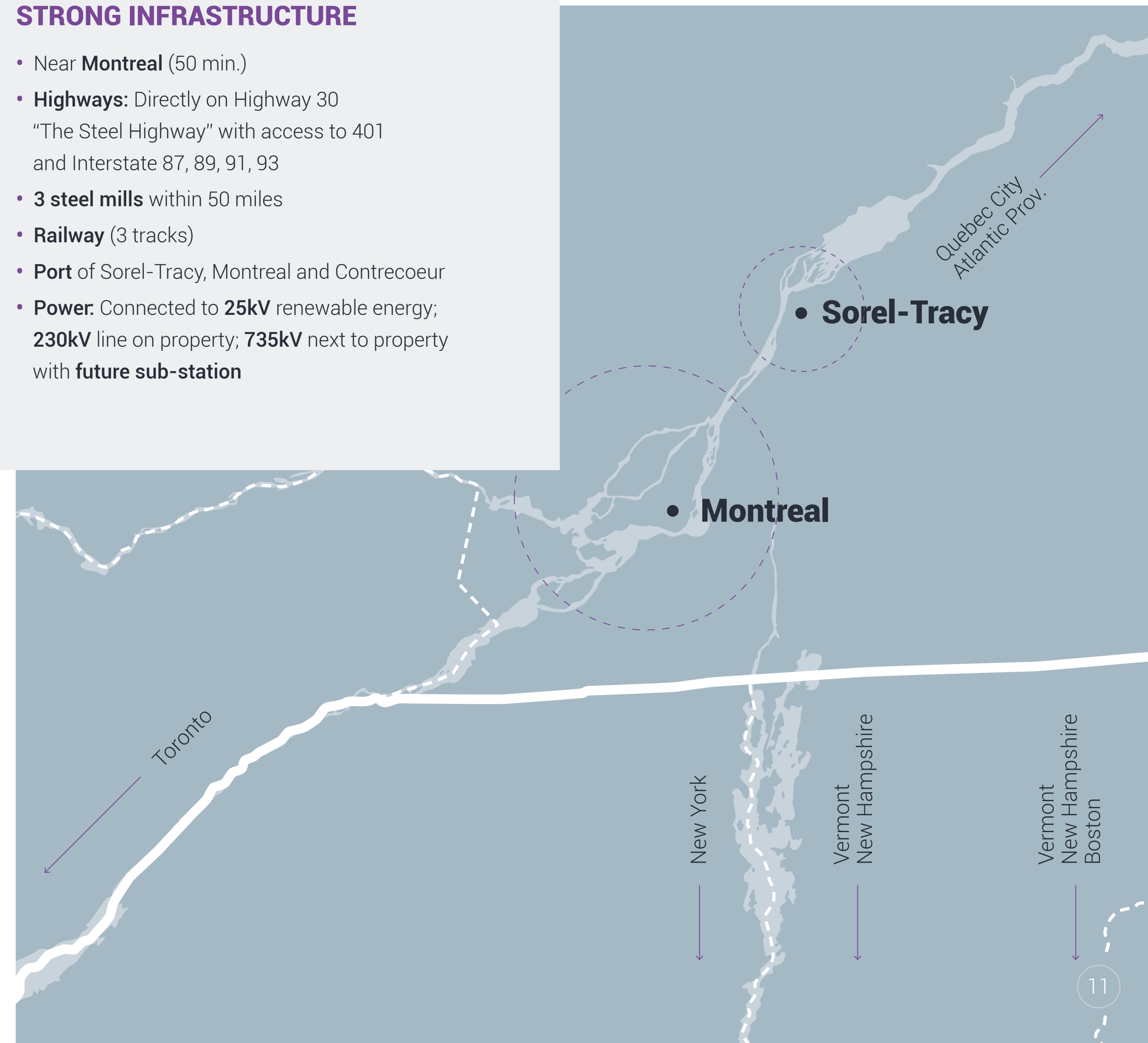
Govt Approval: Quebec Government granted environmental approval initially on up to 5.0 MW

Power: Use of renewable "baseload power" from Hydro-Quebec (grid 100% renewable in Quebec)

Land: A 26-year land lease agreement (with an extension of 10 years) signed in 2021 for the subject site spanning approximately 400,000 sq. ft.

STRONG INFRASTRUCTURE

- Near **Montreal** (50 min.)
- **Highways:** Directly on Highway 30 "The Steel Highway" with access to 401 and Interstate 87, 89, 91, 93
- **3 steel mills** within 50 miles
- **Railway** (3 tracks)
- **Port** of Sorel-Tracy, Montreal and Contrecoeur
- **Power:** Connected to **25kV** renewable energy; **230kV** line on property; **735kV** next to property with **future sub-station**



Sorel Tracy Project

Ultra High Purity (UHP) Hydrogen Production

PHASE 1-2

2.25 MW
scaled up to
4.75 MW

5,000 sq. ft building

Initially deploying:

- 2 electrolyzers with a capacity of 2.25 MW
- Compressors
- Storage

Status:

Commercially producing



PHASE 1-2



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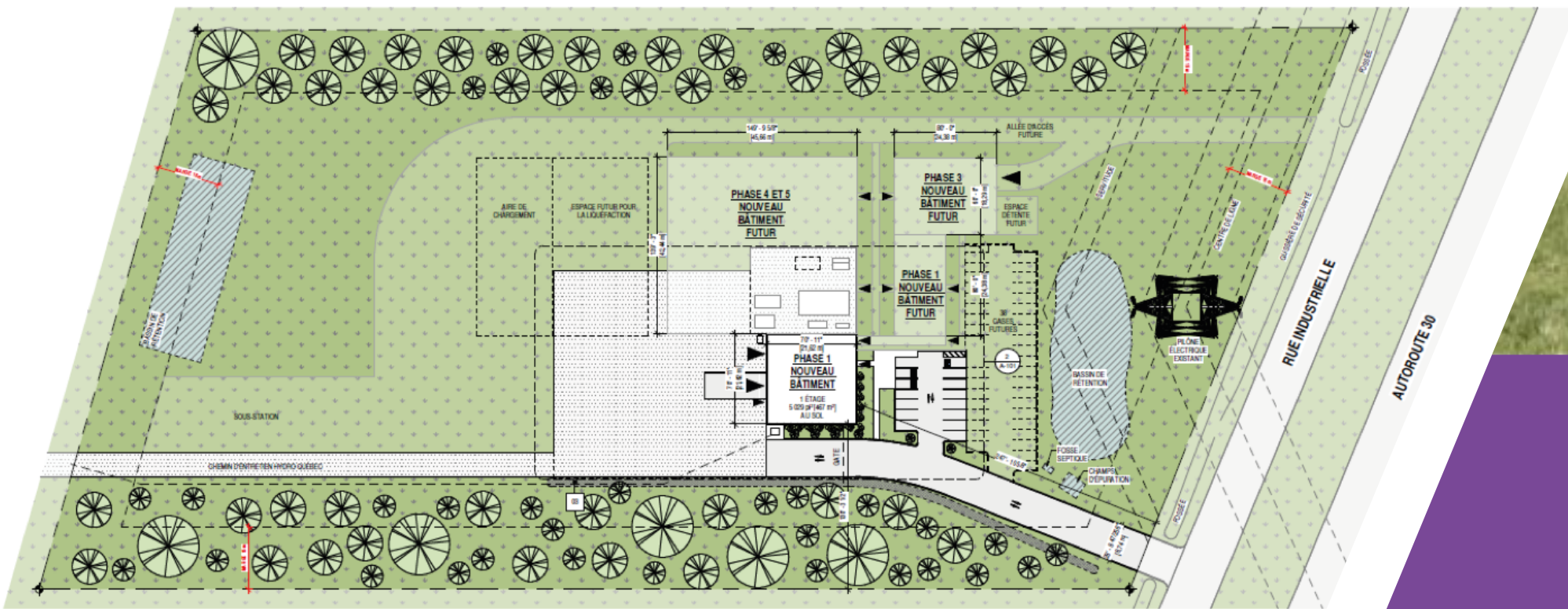
Sorel Tracy Project

Ultra High Purity (UHP)
Hydrogen Production

PROJECT EXPANSION
PHASE 3-5

4.75 MW
scaled up to
25.65 MW

30,000 sq. ft building



PROJECT EXPANSION
PHASE 3-5

Sorel Tracy Project

Ultra High Purity (UHP) Hydrogen Production



PROJECTED FINANCIAL PERFORMANCE (PHASES 1-2)

Project Financials	Phase 1	Phase 2
Capacity (MW)	2.25	4.75
H2 Prod. (TPY)	328	694
Sales/Year (C\$M)	\$5.1	\$11.0

CURRENT STATUS

- ✓ **Q4 2025:** Phase 1A successfully launched
- ✓ **Q4 2025:** Continuous commercial production and initial sales
- ✓ **Q1 2026:** Multiple US and Canadian sales
- ➔ **Next Step:** Scale-up Phase 1B
- ➔ **Future Growth:** Scale-up Phases 3-5 in line with demand

Strong network of offtake customers

Added Value: The Clean Hydrogen ITC could provide a tax credit of up to 40% of the total equipment cost to the Company

Disclaimer: Projected Financial Performance reflects Phases 1 and 2 only. Phases 3-5 are excluded in accordance with section 4A.8 of the General Instruction relating to Regulation 51-102 issued by the Canadian Securities Administrators, which limits forward-looking financial projections to phases with sufficient near-term certainty to support disclosure.

Hydrogen Production Portfolio Expansion

DETROIT, MICHIGAN, USA

Strategically Located:

- Proximity to growing semiconductor and advanced manufacturing facilities in the Great Lakes corridor that use hydrogen today and are under pressure to cut emissions in their production processes
- Strong, local, industrial markets: Chicago, Cleveland, and Toledo markets

H2 Output: Similar commissioning plan as Charbone's Sorel- Tracy Plant with planned production from Phase 1 of 1 ton/day

Power: 1 Ton/day

WISCONSIN, USA

Strategically Located: Proximity to high-tech and pharmaceutical companies

H2 Output: 200 kg/day project (0.5MW) like Phase 1A at the Sorel-Tracy Plant

Renewable Power – Owned by Charbone: Leveraging Charbone's Wolf River hydro dam assets for a more profitable H2 production project

Land: 157,687.2 sq ft owned by Charbone



Hydrogen Production Portfolio Expansion

MALAYSIA, ASIA-PACIFIC

Focus: Clean UHP hydrogen production targeting semiconductor, electronics and advanced manufacturing industries across Southeast Asia

Partner: Green Hydrogen ASIAPAC SDN BHD

Model: Asset-light equity participation with active operational role

Strategically Located :

Malaysia is a top-10 global semiconductor manufacturing hub
Southeast Asia's industrial gas demand is growing rapidly, driven by foreign direct investment in chip fabs, data centers and advanced manufacturing

Achievements:

- ✓ Advisory engagement launched and initial revenues received (Q4 2025)
- ✓ Executive mission completed —
CEO Dave Gagnon & SVP Patrick Cuddihy (Q1 2026)
- ✓ Aligned intent confirmed with government & all partners (Q1 2026)
- ✓ CHARBONE equity participation in Green Hydrogen ASIAPAC —
intent confirmed (April 2026)



Regional Supply Hubs

For storage and distribution supporting CHARBONE hydrogen production and other industrial gas sales

- **Vertically integrated platform** delivering clean UHP hydrogen and critical industrial gases through a decentralized network of regional supply hubs
- **Developing hubs in Ontario, Quebec, Nova Scotia and New York** — targeting 6–8 regional hubs across North America
- **Asset-light**, partnership-driven model
- **Hydrogen and helium tube trailers deployed**, supporting commercial deliveries across Ontario, Quebec and New York State
- **Multi-year supply agreements established** with a subsidiary of one of the world's largest chemical and industrial conglomerates
- **Recurring revenue** stream
- **Develop long-term contracts** with industrial and commercial gas users



Corporate Milestones

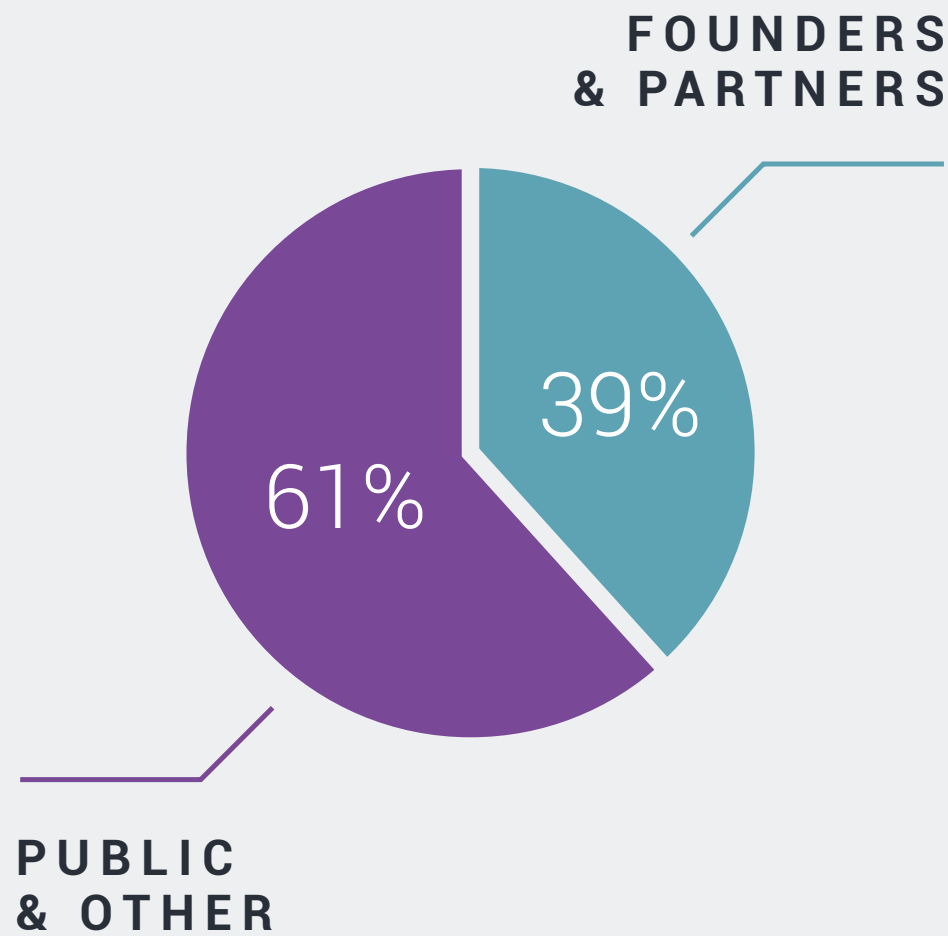
CLEAN UHP HYDROGEN PRODUCTION PLANTS	Q4 2025	H1 2026	H2 2026
Sorel-Tracy (Quebec, Canada)	✓ Phase 1A launched ✓ Initial H2 revenues ✓ Continuous commercial production	✓ Multiple US and Canadian sales (Q1) ➔ Scale-Up Phase 1B	➔ Launch Phase 1B ➔ Scale-Up Phase 2
Detroit (Michigan, United States)		➔ Site selection ➔ Site permitting / development	➔ Launch Phase 1
Wisconsin (United States)		✓ Leveraging existing owned land with hydro dams for future H₂ production (April)	➔ Site permitting / development
Malaysia (Asia-Pacific)	✓ Advisory engagement launched ✓ Initial advisory revenues	✓ Executive mission completed; Aligned intent confirmed with government and all partners (Q1) ✓ CHARBONE equity participation and operational role in Green Hydrogen ASIAPAC - intent confirmed (April 2026)	➔ Confirm equity participation ➔ Project development & expansion
REGIONAL SUPPLY HUBS	Q4 2025	H1 2026	H2 2026
Storage and Distribution of Industrial Gases	✓ Hydrogen tube trailer deployed ✓ Helium tube trailer deployed ✓ Multi-year supply agreements established	✓ Initial UHP Hydrogen order (Q1) ✓ Initial UHP Oxygen order (Q1) ✓ Initial UHP Helium order (Q1) ✓ Multiple deliveries confirmed – US and CA (Q1) ➔ Develop hubs in Ontario, Quebec, Nova Scotia, New York	➔ Additional hub locations across N.A. (Targeting 6-8 hubs)



Share Metrics & Team

Share Structure*	SHARES OUTSTANDING	WARRANTS	CONVERTIBLE DEBT	OPTIONS	FULLY DILUTED
	288,980,174	47,646,813 (avg price of C\$0.09)	41,099,000	6,850,000	384,575,987

*As of May 28, 2026



Management and Directors

Dave B. GAGNON Chairman & CEO Director	Benoit VEILLEUX CFO	André HALLEY Director	Denis CREVIER Director
Daniel CHARETTE COO	Patrick CUDDIHY Industrial Gases	François VITEZ Director	Frederic LECOQ Director
David ATKINSON Project Manager	Stephane SÉJOURNÉ Natural Hydrogen	Jean-Claude GONNEAU Director	Gregory FOUREL Director
Jean WATELLE Hydrogen production			

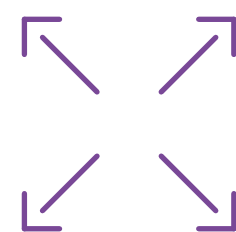
Market Cap
@ C\$0.13
\$37.3M

As of May 6, 2026

Takeaways



Regional Supply Hubs for local storage and distribution support Charbone clean UHP hydrogen production and industrial gas sales



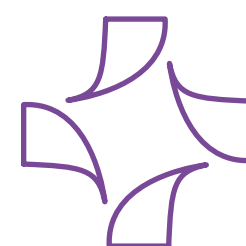
Network of decentralized, modular and scalable clean UHP production plants close to end users reduces OPEX and transportation costs



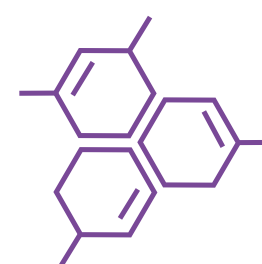
Low cost clean and/or renewable energy sources – **Lowest-emission**



Stable and reliable baseload, connected to the network reduces overall electricity costs



Industrial gases sold to strong network of offtake customers and through distribution agreements



Diversified revenue streams through clean UHP hydrogen production and a growing network of regional supply hubs for other industrial gases

Opportunities to invest in a vertically integrated UHP industrial gases platform at this stage of growth are rare

Unmatched
Purity.



Contact Us

CHARBONE CORPORATION

📍 1645, Lionel-Boulet Blvd, suite 304, Varennes, QC, Canada, J3X 1P7

Dave Gagnon, Chief Executive Officer
Benoit Veilleux, Chief Financial Officer
Daniel Charette, Chief Operating Officer

🌐 www.charbone.com ✉ ir@charbone.com ☎ +1-450-678-7171



charbone

Clean UHP Hydrogen Production • Regional Industrial Gas Supply

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