

# **DECARBONIZE** OUR FUTURE

CHARBONE

Corporate presentation

June 2024

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Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "projects", "intends", "anticipates", or "believes" or variations (including negative variations) of such words and phrases, or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved.

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2

### Investment highlights

### Rare investment opportunity

The only pure play, Green hydrogen producer in North America that is publicly traded, on the following exchanges; TSX.V, OTC-QB, FSE. (1)

#### Risk Mitigation

All production is pre-sold through exclusive partnership with Superior Plus, a strategic partner.

Charbone uses the highest ESG principles in generating clean, reliable, and sustainable energy.

#### Charbone Hydrogen Commerical Pilot

The Sorel-Tracy Phase 1 green hydrogen project is already in construction as of Q2 2024.

#### Unique business model

Charbone offers green hydrogen with a purity grade of up to 99.999% (Ultra High Purity, Grade 5.0).

Charbone produces green hydrogen, totally environmental-friendly and eco-responsible, and without any CO<sub>2</sub> emissions.

1. Links to stock exchanges: <u>TSX.V</u>, <u>OTC-QB</u>, <u>FSE</u>.

2. Source: <u>Bloomberg NF</u>.

#### Market potential

Green hydrogen is one of the key elements identified to bring the world to net-zero emissions by 2050. (2)

### Experienced team

Strong management team with over 50 years of combined experience in the Cleantech Energy sector.

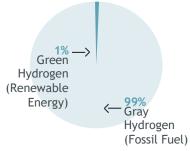


### Green hydrogen: key element to decarbonize the world

### Gray hydrogen is a massive pollutant

- Responsible for 2% of global CO<sub>2</sub> emissions
- Emits 830 million tons of CO<sub>2</sub> annually

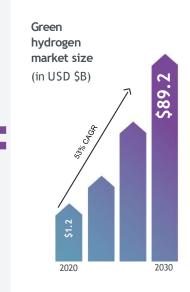
Current hydrogen production



Stated goals to decarbonize the world

- Global agreement to net zero emissions by 2050
- 45% reduction by 2030
- 31 countries have Hydrogen strategies to decarbonize
- US Govt has allocated \$9.5B to clean hydrogen initiatives

### Rare & attractive industry dynamics





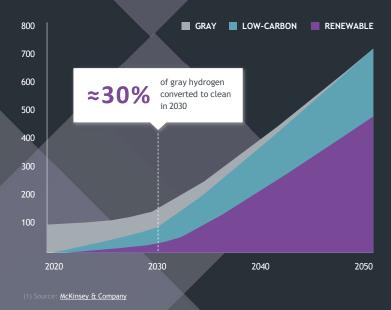
### The future is near... time to get in now

Massive growth expected as green hydrogen replaces gray hydrogen and other fossil fuels

Several key factors contributing to Charbone Hydrogen's growth:

- Global focus on decarbonization
- Renewable energy and electrolyzers prices expected to fall by 60-90%
- Carbon taxes and credits level the playing field: US govt giving green hydrogen producers
   US\$3/KG. Canada has a carbon tax of \$50/tonne of CO<sub>2</sub> emission
- Canadian Federal government new reimbursement 40% investment tax credit

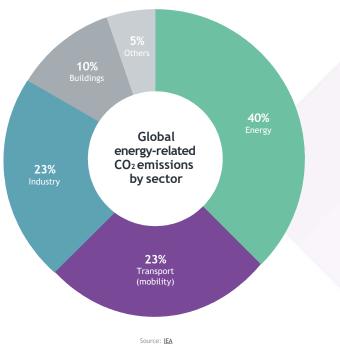
#### Hydrogen supply by production method (indicative net-zero emissions) MT Hydrogen p.a. (1)





### CHARBONE's serviceable market

We are decarbonizing the planet by tackling the industrial uses and transport industries



## CHARBONE's target end users

Our mission is clear: to become the leading brand for green hydrogen in North America

Industrial uses

CHARBONE to replace gray hydrogen used in certain industrial processes.



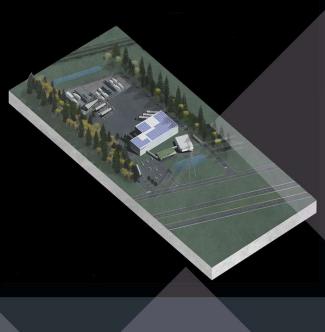
Transport / Mobility

CHARBONE to replace fossil fuel in the mobility sector



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### CHARBONE's green hydrogen projects under leases



#### Selkirk, Manitoba

- Lease agreement in place since Q3
  2022
- Production sold through Superior Plus

#### Sorel Tracy, Quebec

- Lease agreement in place since Q2
  2021
- Production sold through Superior Plus





#### **Charbone Hydrogen Corporation**

Example of the deployment of a scalable production plant in order to distinguish itself as a supplier of an ecological solution for industrial, commercial and mobility users.

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PROJECT - OVERVIEW	
A standard Charbone Hydrogen	A long-term land lease agreement
Corporation fully owned subsidiary of	(with extensions) for the site or
25.0 MW capacity fully developed	acquisition of the land parcel in the
and operated.	initial range of +/- 5 to 15 acres.
Project connected to local	The green hydrogen will be delivered
"baseload power network" using	to industrial users in multiple format
renewable energies at a competitive	which include individual cylinders

Phase 2

5.0

730

\$11.3

\$5.7

Phase 1

2.5

365

\$5.7

\$2.9

bundle packs and, in bulk.

Phase 4

15.0

2,190

\$33.9

\$17.0

Phase 5

25.0

3,650

\$56.6

\$28.3

Phase 3

10.0

1,460

\$22.6

\$11.3

#### KEY HIGHLIGHTS OF THE GREEN HYDROGEN PROJECT

The project would be developed and constructed in multiple phases as required, some projects involving liquefaction within the expansion phases.

- □ It involves the deployment of an initial containerized electrolyzer, a compressor, storage and building preparation.
- □ It plans to reduce greenhouse gas emissions by 10 kilograms for each kilogram of hydrogen produced.
- □ The Clean Hydrogen ITC will provide a tax credit of up to 40% of the total equipment cost of Canadian projects to the Company.
- US Government giving green hydrogen producers up to US\$3/KG

Capacity

H2 Prodn.

Sales

EBITDA

**Project Financials** 

MW

TPY

CA\$M

CA\$M

fix rate.

#### **PROJECTED FINANCIAL PERFORMANCE\***

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Forward-looking information reflects the Company's current beliefs and is based on information currently available to the Company and on assumptions it believes to be not unreasonable in light of all of the circumstances. Some material factors and assumptions are included but are not limited to: the timing of the completion of the hydrogen plant and start of production of green hydrogen; the Company's success in expanding its product offerings at the expected price; the ability of the Company to achieve rapid incremental customer growth; the Company's ability to retain key members of its management and development teams; and the Company's ability to raise additional capital. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from hose described in forward-looking information, there may be other factors that cause actions, events or results to differ materially from hose described in forward-looking information, there may be other factors that cause actions, events or results to differ formation, and event any so disting the same of the same as of June 2024 and, other than as required by law, the Company's disclaims any obligation to update any forward-looking information, whether as a result of new information, future events or results or otherwise. There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undy refunction of information.

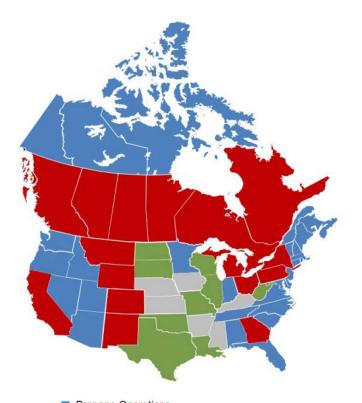




- Low Carbone energy leader;
- The #1 distributor of LPG in Canada and #3 in USA;
- Acquired CERTARUS, #1 in North America for Bulk distribution of LNG, LPG, CNG, RNG and hydrogen

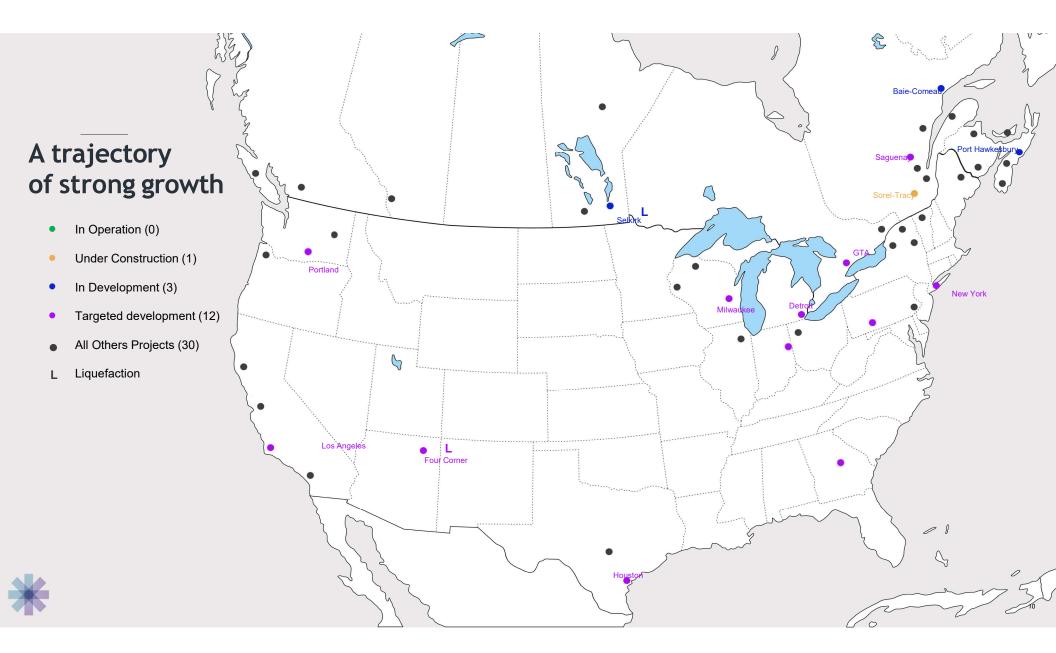
We have entered into a off-take partnership with Superior Plus on the supply and distribution of green hydrogen:

- to leverage our collective expertise to produce and distribute mobile energy;
- to sell green hydrogen through a network of more than 780,000 clients in North America;
- to make green hydrogen an affordable and convenient energy option.



- Propane OperationsCertarus Operations
- Propane & Certarus Operations

Superior Plus to purchase ALL current production from Sorel-Tracy and Selkirk plants





Superior competitive advantage

Unique, decentralized and energy opportunistic strategy



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Decentralized, scalable plants close to end users reduce our transportation costs

Low-cost renewable energy sources

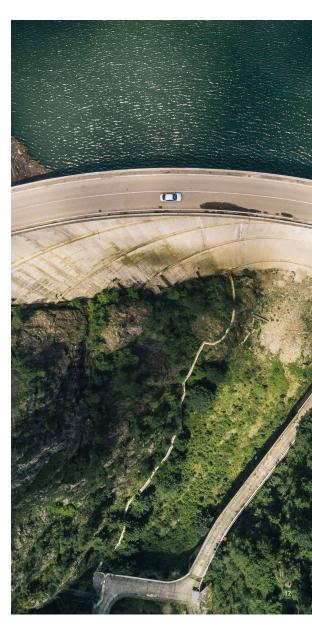


H<sub>2</sub>

Stable & reliable baseload reduces overall costs

Eco Responsible Certification obtained in 2022

All production pre sold through our exclusive agreement with **Superior Plus** 



### Opportunities to Invest in <u>Pure Plays</u> are Rare



### **Executive Management Team**



#### Daniel CHARETTE **Dave GAGNON** Chairman | CEO C00 dc@charbone.com +15149805841

dg@charbone.com +14505240067 +352621616155



Laetitia FIERE VP | Head CSR

lf@charbone.com +15142320934



**Benoit VEILLEUX** CFO | Secretary bv@charbone.com +14385081718

> **Over 50+** years of combined experience in cleantech



14



**Dave Gagnon – Chief Executive Officer** Email: dg@charbone.com Phone: +1 450 524 0067

Daniel Charette – Chief Operating Officer Email: dc@charbone.com Phone: +1 514 980 5814

Benoit Veilleux – Chief Financial Officer Email: bv@charbone.com Phone: +1 438 508 1718

### Be part of the future



Sorel-Tracy (QC)

