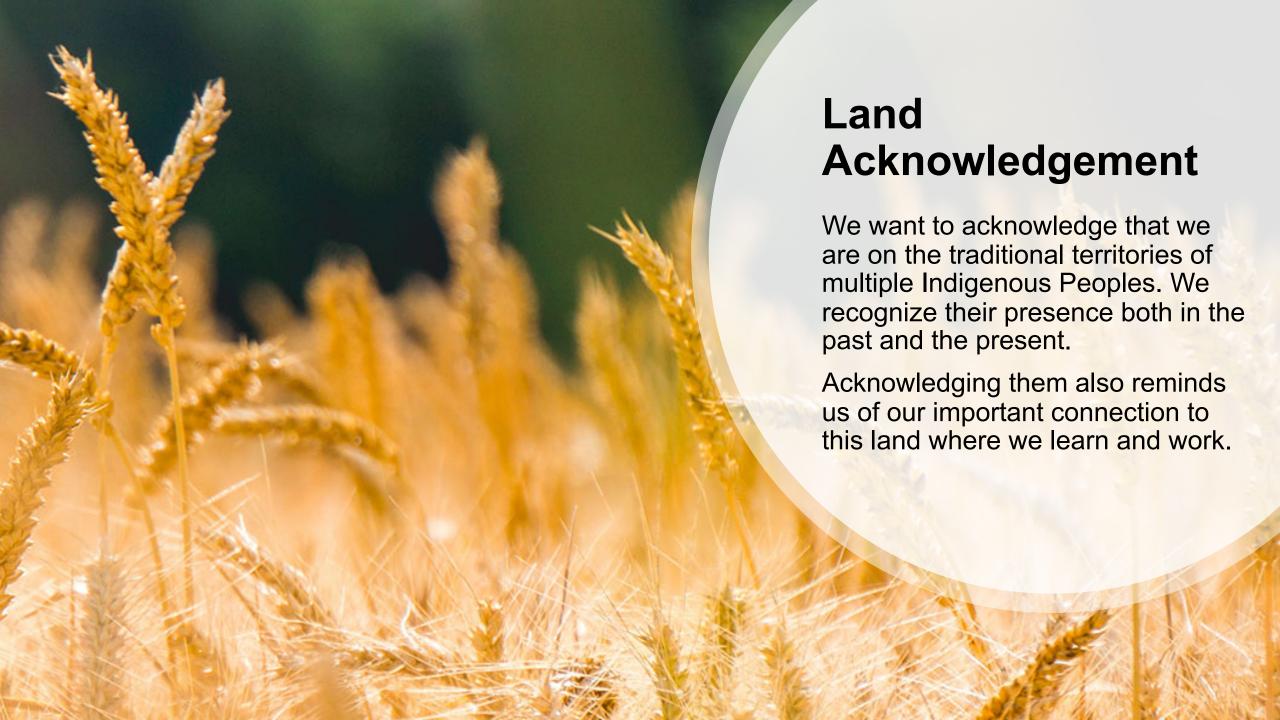




# Management Update August 9, 2022





### **Disclaimer**

Certain statements and documents referred to in this presentation, other than statements of historical fact, may include forward-looking information that involves various risks and uncertainties that face the Company; such statements may contain such words as "may", "would", "could", "will", "intend", "plan", "anticipate", "believe", "estimate", "expect" and similar expressions, and may be based on management's current assumptions and expectations related to the development, marketing and sale of its capacitor technology, as well as the modular equipment for the production of ammonia and hydrogen, and related products and technologies utilizing the existing, developed or acquired intellectual property of the Company, the ability to scale such equipment, product and technology such that it is commercially viable and general economic conditions. Risks and uncertainties that may face the Company include, but are not restricted to: the Company may not be able to replicate test results in mass produced commercial products; the Company's technology may not be successfully mass-produced or commercialized at all in a manner providing the features and benefits expected while under development, or on a timely basis, or the Company may not be able to successfully incorporate this technology into its current or proposed products or the products of others; steps taken by the Company to protect its proprietary rights may not be adequate or third parties may infringe or misappropriate the Company's proprietary rights; the Company has a history of losses from operations and may not be able to obtain financing, if and when required or on acceptable terms due to market conditions or other factors, to fund future expenditures for general administrative activities, including sales and marketing and research and development, expansion, strategic acquisitions or investment opportunities or to respond to competitive pressures; competitors may develop products which offer greater benefits to consumers, have greater market appeal or are more competitively priced than those offered by the Company; the Company may be exposed to product liability claims which exceed insurance policy limits; the Company is dependent on the ability and experience of a relatively small number of key personnel; new products introduced by the Company may not be accepted in the market or to the extent projected; new laws and regulations may be enacted or existing ones may be applied or governmental action may be taken in a manner which could limit or curtail the production or sale of the Company's products; and the Company may be negatively affected by reduced consumer spending due to the uncertainty of economic and geopolitical conditions. These risks and uncertainties may cause actual results to differ from information contained in this presentation, when estimates and assumptions have been used to measure and report results. There can be no assurance that any statements of forward-looking information contained in this presentation will prove to be accurate. Actual results and future events could differ materially from those anticipated in such statements.

These and all subsequent written and oral statements containing forward-looking information are based on the estimates and opinions of management on the dates they are made and expressly qualified in their entirety by this notice. Except as required by applicable laws, the Company assumes no obligation to update forward-looking statements should circumstances or management's estimates or opinions change. Readers are cautioned not to place undue reliance on any statements of forward-looking information that speak only as of the date of this presentation. Additional information identifying risks and uncertainties relating to the Company's business are contained under the heading "Risk Factors" in the Company's filings with the various Canadian securities regulators which are available online at <a href="https://www.sedar.com">www.sedar.com</a>.



# **Agenda**

- Who we are and our lead product
- Status of first demonstration pilot
- Time to market
- Validation
- Scaling up
- Pre-sales and price
- Emerging market

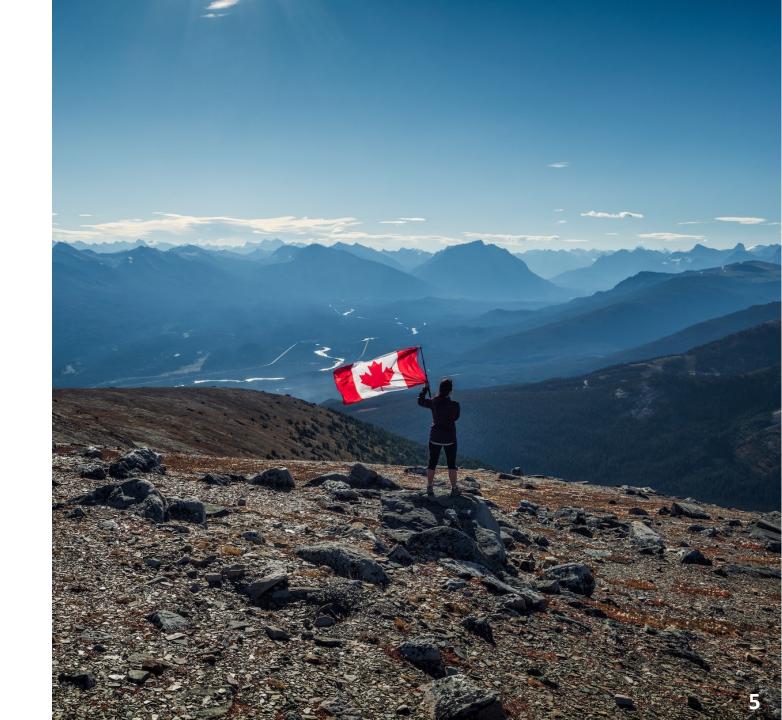




### **FuelPositive**

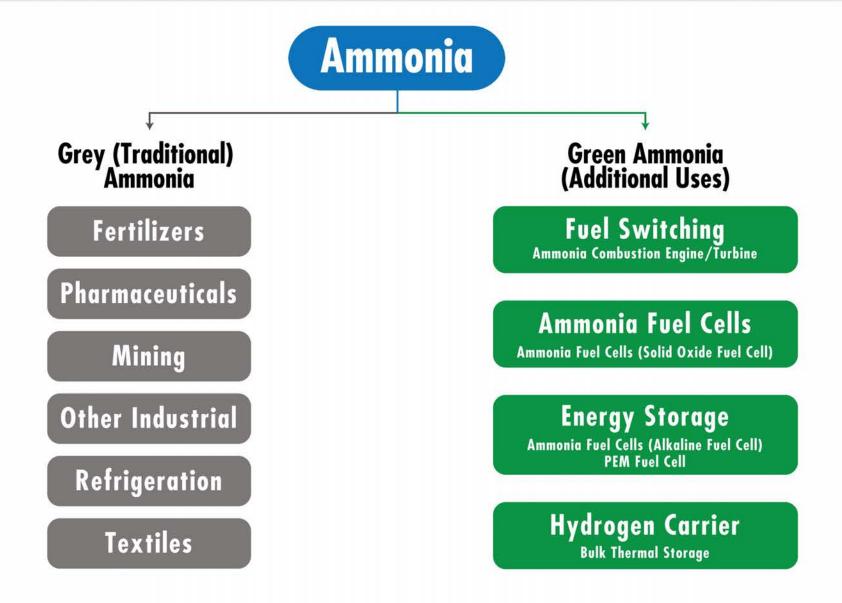
- Canadian-based technology, growth stage company, operating internationally
- Identifying practical solutions
  - Clean
  - Sustainable
  - Economically viable
  - Can be implemented now
- Lead product is an onsite, containerized green hydrogen and ammonia production system







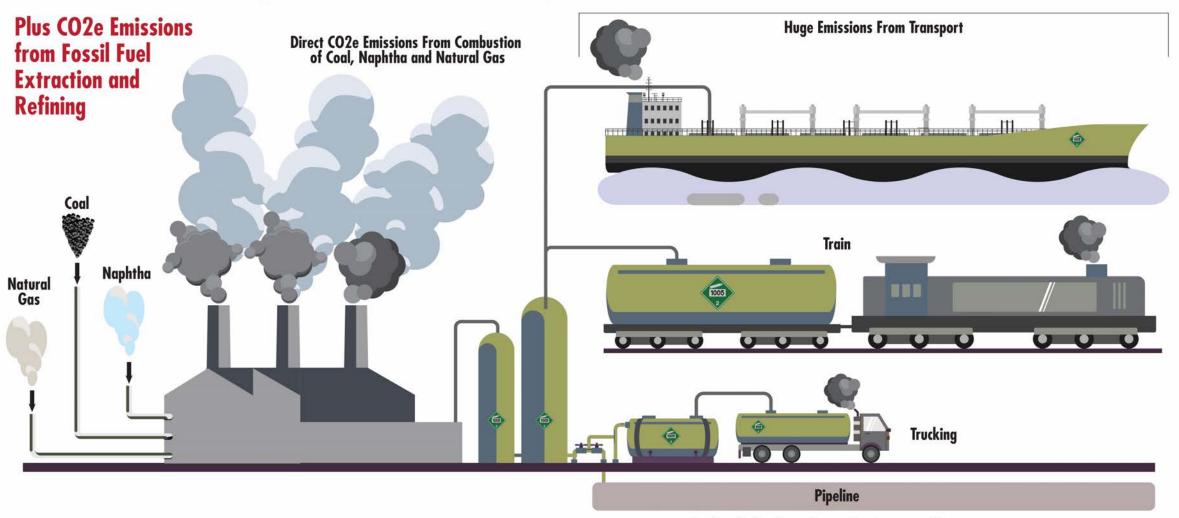
### Ammonia (NH<sub>3</sub>)





### **Grey Ammonia Emissions**

#### 2.867 Tonnes (Global Average) of CO2e are Emitted for Every Tonne of Ammonia Produced



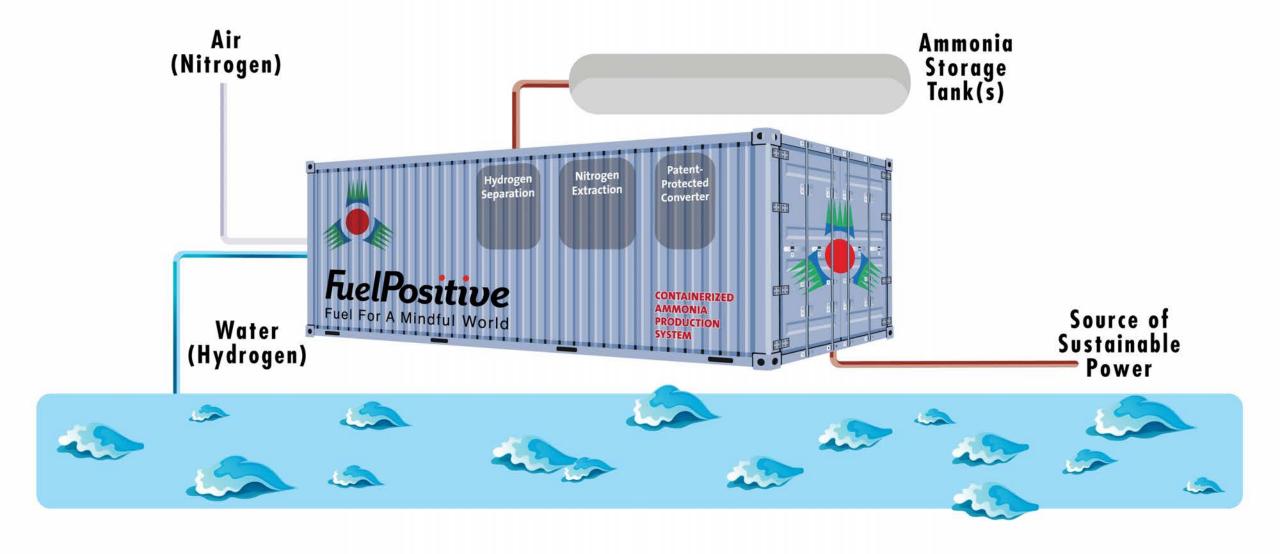
Pipeline Spills Cause Severe Environmental Damage

# Tracy & Curtis Hiebert



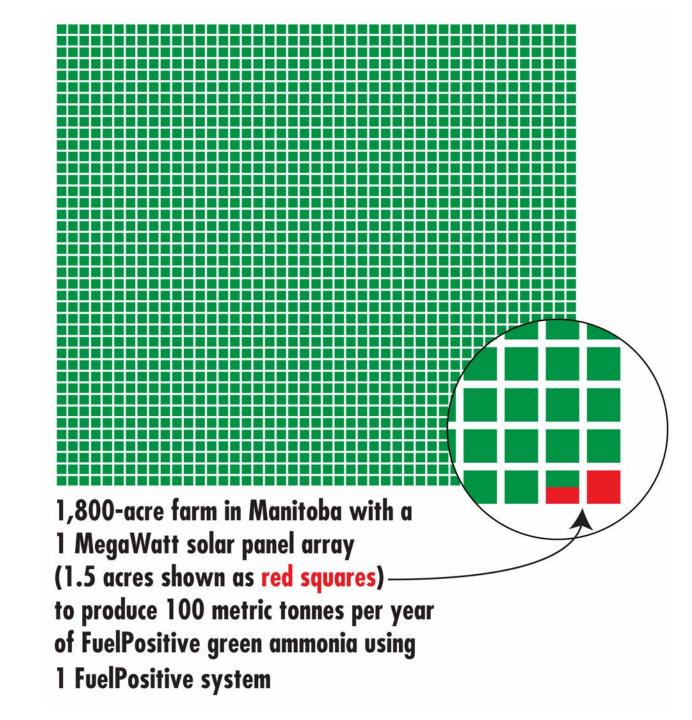


## **Our System**



## **System Specs**

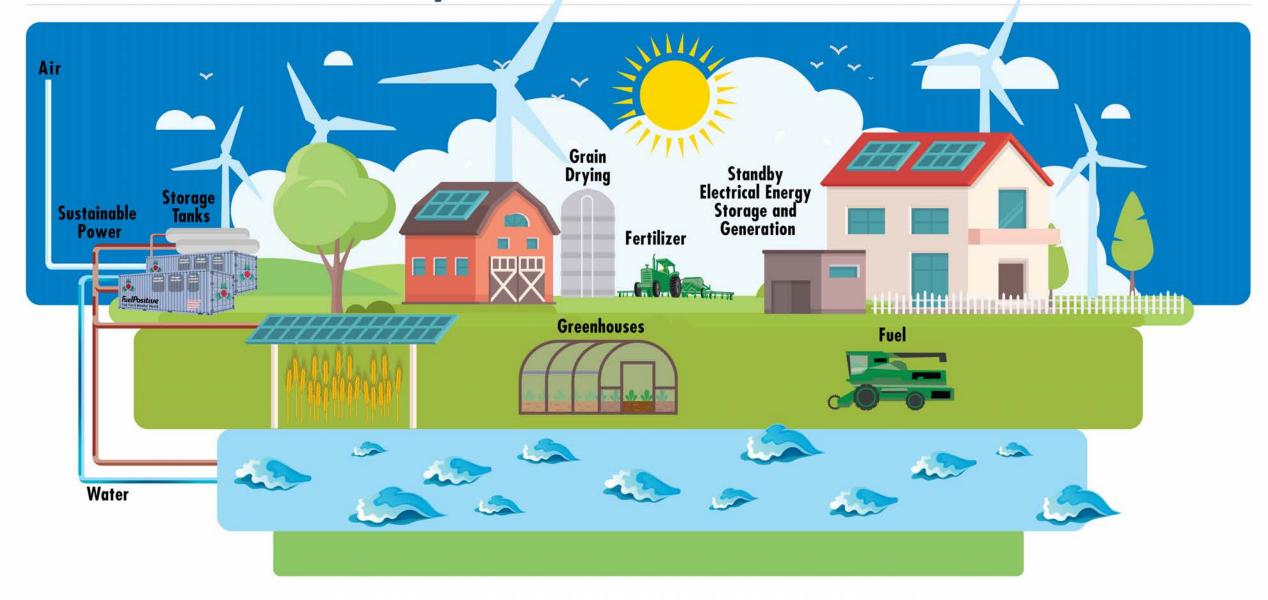
- 300 kg/day (100 tonnes/year) of green anhydrous ammonia
- 476 kg/day of water
- A 1-megawatt solar array with storage, taking the space of a football field, would power the system off-grid
- Operating costs expected to be around \$560/tonne as announced in November 2021
  - Depending on electricity costs







# The FuelPositive System Generates ZERO CO₂e Emissions



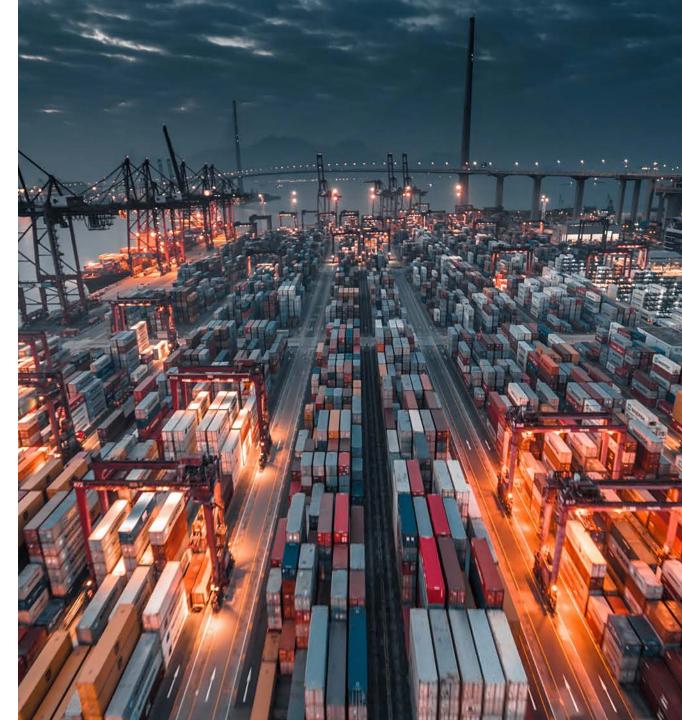
# Demonstration Objectives

- 1. Produce green ammonia for fertilizer
  - a. Using purchased hydrogen and nitrogen extractors
  - b. Larger configuration (3 containers)
  - c. Cold and hot weather testing
- 2. Smaller footprint
  - a. Improved hydrogen unit
  - b. Additional Outputs
- 3. Further refinements, followed by larger scale manufacturing



#### Time to Market

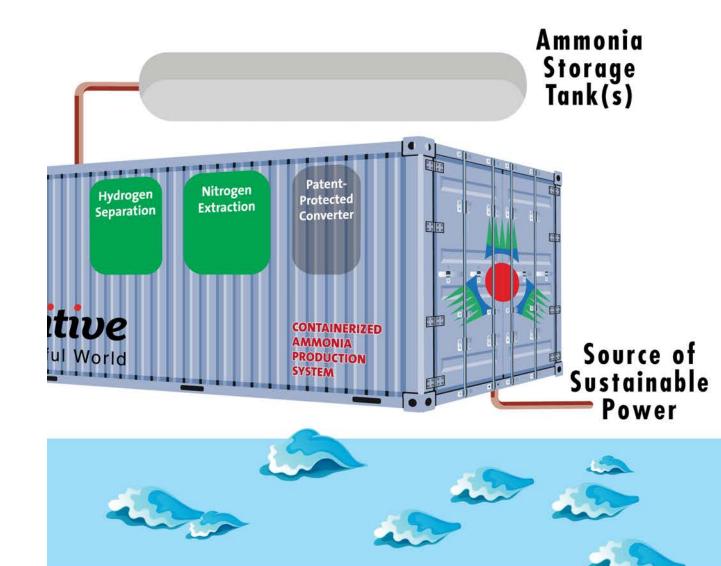
- Supply chain delays
- Facility availability
- Built-in mitigation plans
- Staggered validation has begun
  - Expect to be completed in November
- On farm after that
- Building a fully climatized "Real World System" NOW.





## **Supply Chain Delays**

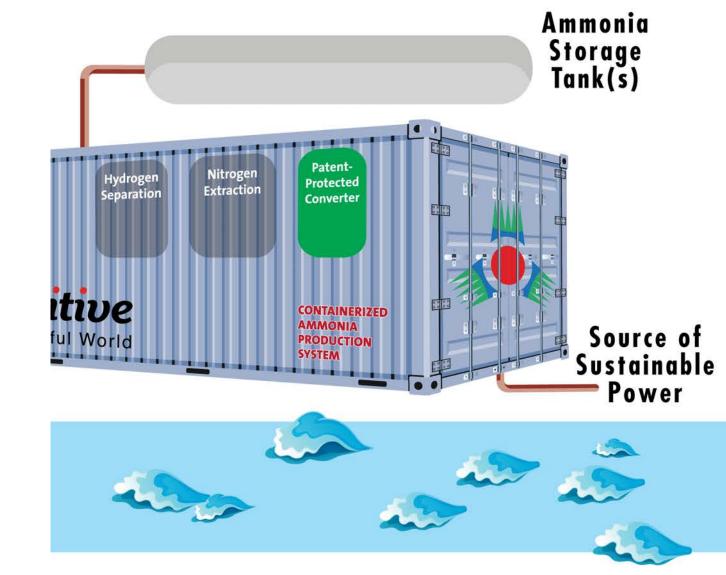
- Hydrogen system
  - 100% complete
  - March > June
- Nitrogen system
  - 100% complete
  - April > August
- Both fully validated in factory
- Represents over 60% of validation already done
  - Ahead of schedule





#### Converter

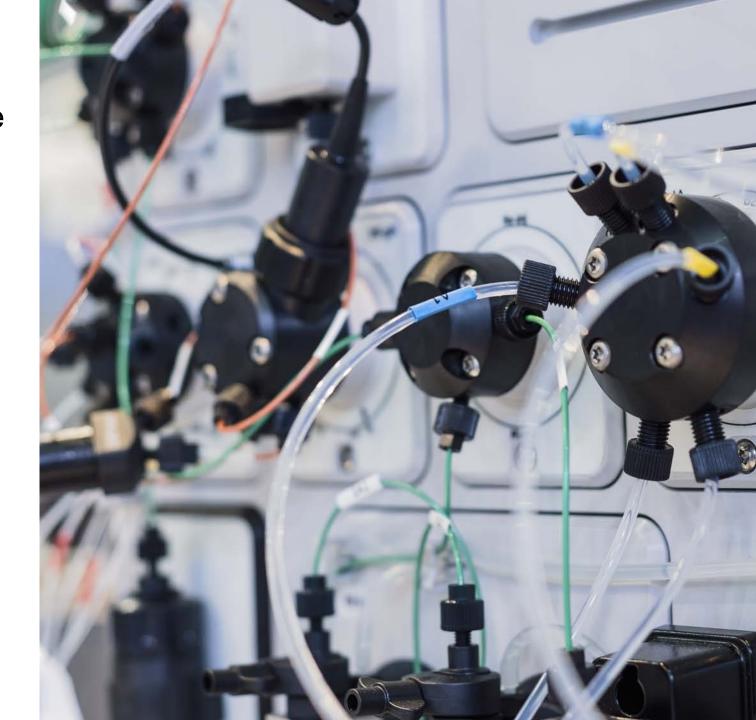
- Our patent-pending technology
- Technology is going to plan
- Converter Module nearing completion.
- Mitigation plans included and continue to include
  - Sourcing and validating new suppliers
  - Moving some manufacturing inhouse
  - Validating technology in stages





### **Validation**

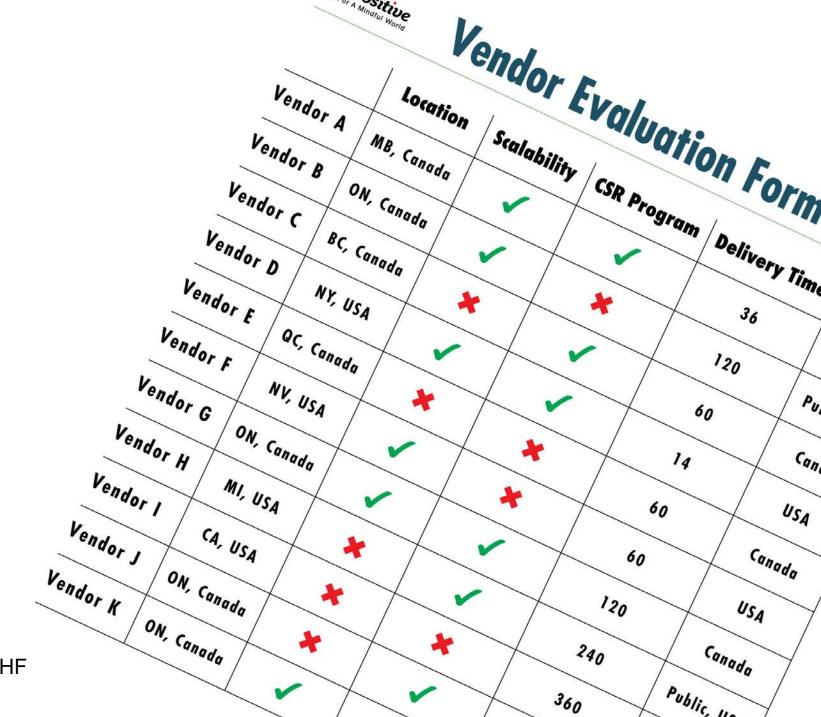
- Purity, energy consumption, rate of production, safety
- Standard gage repeatability and reproducibility process
- Three different sources
- Perform in stages to isolate any possible problems
- Extends to suppliers and equipment





# Scaling Up

- Suppliers must scale up with us
- Local supply chain
- Building robotics simultaneously with building new mass manufacturing facility



or A Mindful World



## **Hiring Since AGM**

- Positions posted
  - HR Specialist
  - Administrative Coordinator
  - Tool Technician
  - Chemical Engineer
  - Business Research Co-op Worker
  - Project Manager
  - Design & Innovation Mechanical and Project Execution Manager
  - Business Operations Student
  - Industrial Controls Technician
  - Electrical Engineer/Designer
  - Millwright/Pipefitter Technician
  - IT Specialist

TSXV: NHHH • OTCQB: NHHHF



**Project Manager** 

**APPLY NOW** 





We want everyone associated with FuelPositive to feel fully supported in bringing their true selves to the Company in fulfilling our collective mission.



#### **Premises**

- Catalyst Building, Kitchener
  - Initial office / lab / design space in business centre
- 99 Northland, Waterloo
  - Design & Integration, Lab and Assembly
- Secured location Waterloo
  - Batch / then serial manufacturing factory
  - Up to 140,000 square feet

Secured Aprox. 100 Acre Rural Test Site

Sequential Real World Testing





# Demo Site Prepand Install

- Site selection to satisfy regulatory setbacks for anhydrous ammonia storage, acquire all permits.
- Site preparation, grading
- Install production system and bulk storage
- Site perimeter fencing, bollards, security and surveillance
- Install lighting and signage
- Training safety, operation & maintenance







# Launching Pre-Sale Orders

**Enables Sales & Operational Planning** 

- Manufacturing capacity planning
- Material & labor plans
- Order fulfillment plans

#### Consultative sales process

- Tailored proposal to individual farm
- Support farm preparation for installation

Base system price of \$950,000 CDN

- Options & deducts from base
- Features, storage, installation & delivery





# Making Early Adoption Easy

- Capitalizing on government clean tech adoption programs
- Accelerated depreciation and other tax incentives
- Forming Strategic partnerships with financial institutions
- Seeking forms of accreditation for using green ammonia to be used by farmers for economic and marketing purposes





# **Emerging Market**

- Controlled Environment Agriculture
- Our systems are ideal to support controlled environments
- New Advisor
  - Lenore Newman
    - University of the Fraser Valley
- New Partnership
  - Controlled Environment Systems Research Facility, University of Guelph





## In Summary

- Non-provisional patent filed
- Robust, highly experienced, growing team
- Growing roster of Advisors providing depth of knowledge and guidance
- Validation of first demonstration system to be completed in November
- Farm partner actively preparing
- Pre-Sales
- Exploring new opportunities



### **Share Metrics**

#### **Capital structure**

TSXV: NHHH • OTCQB: NHHHF

C\$0.22 **Share Price** C\$0.11 - C\$0.295 52-Week Price Range C\$73.8172 M Market Cap **Shares Outstanding (Basic)** 351,219,146 Warrants 49,637,641 Other Obligations to **Issue Common Shares** Nil **Options** 17,612,500 Fully Diluted Shares 418,469,287

~10%

#### **Trading History – 3 Months**



Summary	Chart Conver	sations	Statistics	<b>Historical Data</b>	Profile	Financials	Analysis	Options	Holders	Sustainabil	lity
Previous Close	0.200	<b>0</b> Ma	rket Cap	73.817M	⊙ Indicators ⊙ Coo	mparison 🗎 Date Range 1	D 5D 1M 3M 6M YTD	1Y 2Y 5Y Max 🛅	interval ID v 🔑 Line v 🔗	Draw	Full scree
Open	0.200	100	ta (5Y onthly)	1.94	NHHHLV 0.1550					hoo/finance	0.2100
Bid	0.2150 x N/	A PE	Ratio (TTM)	N/A							0,2000
Ask	0.2200 x N/	A EPS	S (TTM)	-0.0300							0.1900
Day's Range	0.2000 - 0.220	<b>0</b> Ear	nings Date	Jan 28, 2022							0.1800
52 Week Range	0.1100 - 0.295	0	ward ridend & Yield	N/A (N/A)	V	M <sub>A</sub>					0.1700
Volume	845,22	<b>7</b> Ex-	Dividend Date	N/A	4		V				0.1600
Avg. Volume	154,04	7 1y	Target Est	N/A	7 14	21 Jun	7 14	21 34	7 14	21 Aug	7



Management, Board & Insider Ownership

### **Your Questions**

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