



# **Overview Presentation**



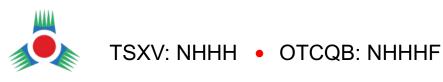
**February 2, 2022** 

TSXV: NHHH • OTCQB: NHHHF

# Who are we?

- Canadian-based technology, growth stage company, operating internationally
- Identifying practical solutions
  - Clean
  - Sustainable
  - Economically viable
  - Can be implemented now
- Initial core technology is green ammonia production system





# Ammonia (NH3)

- Used for over 100 years
- 200 million tonnes consumed annually worldwide
- 80% used in agriculture as fertilizer
  - FuelPositive's first customers will be farmers
- Also used for:
  - Textiles
  - Mining
  - Chemicals production
  - Cleaning materials
  - Pharmaceutical manufacturing
  - Water treatment
  - Fuel

**M**Refrigerant

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## **Problems**

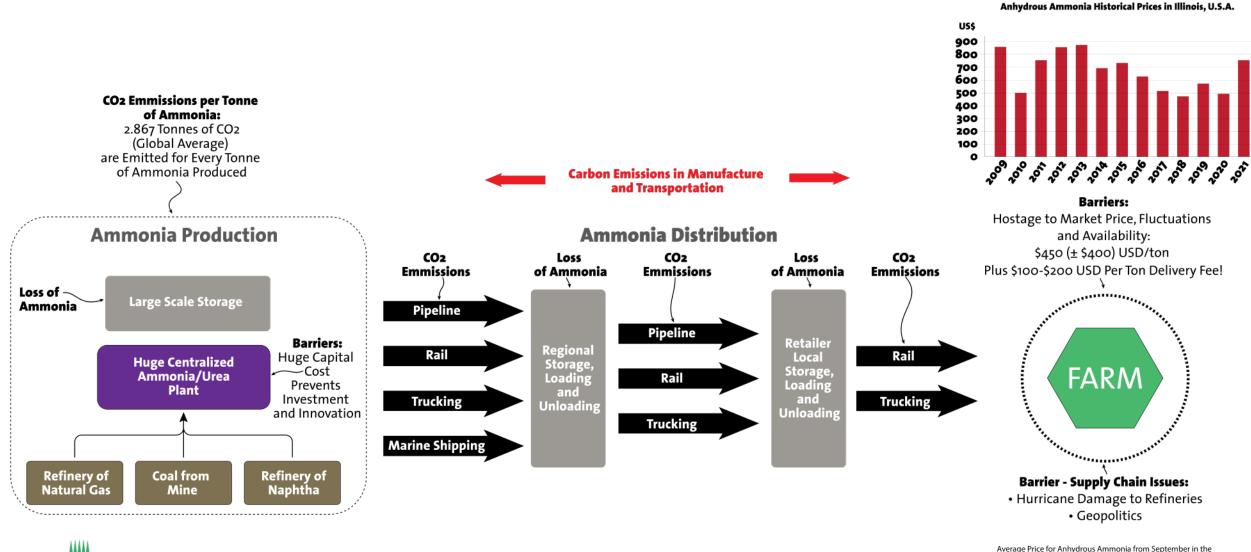
- Traditional production is energy intensive
  - Relies on fossil fuels for production and shipping
- More CO2 produced than NH3
- Hurricanes, flooding, wildfires disrupting shipping
- Converting existing refineries to clean tech would make NH3 2 - 4 times more expensive

Net result leaves end users with an unreliable supply chain and fluctuating prices





#### **Traditional Ammonia Supply Chain**





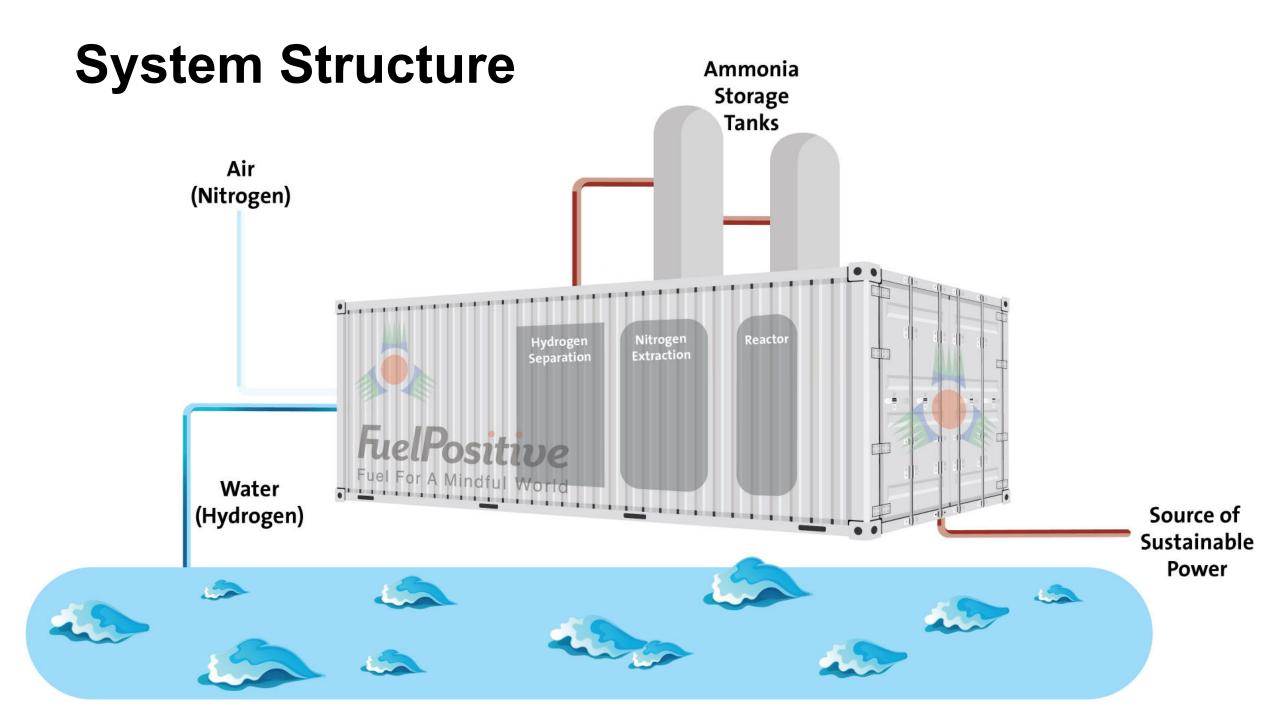
previous year to June of the year of production. Source: https://farmdocdaily.illinois.edu/2021/08/2021-fertilizer-priceincreases-in-perspective-with-implications-for-2022-costs.html

### **Our Green Ammonia**

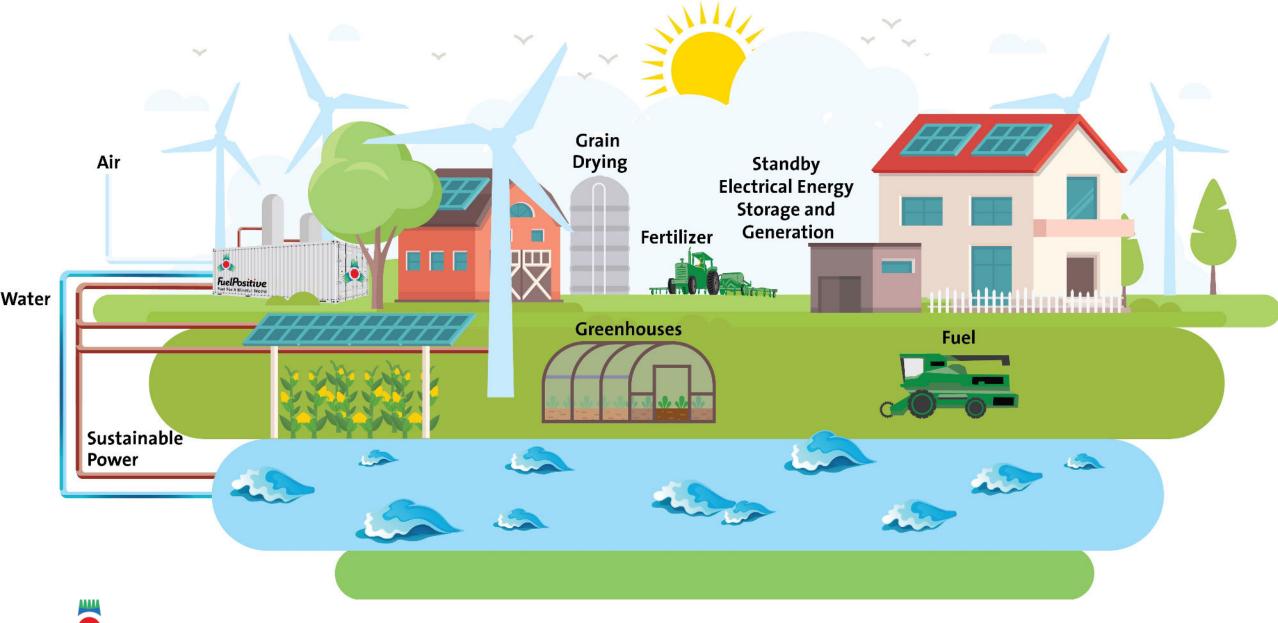
- System is modular, scalable, portable, transportable
- Takes air, water and sustainable electricity and converts that into non-polluting:
  - Chemical
  - Fertilizer
  - Fuel for engines, fuel cells
  - Grid storage
  - Enabler of hydrogen economy
- Provides farmers with:
  - Energy independence
  - Reliable supply, at steady, predictable cost
- And no CO2 emissions!





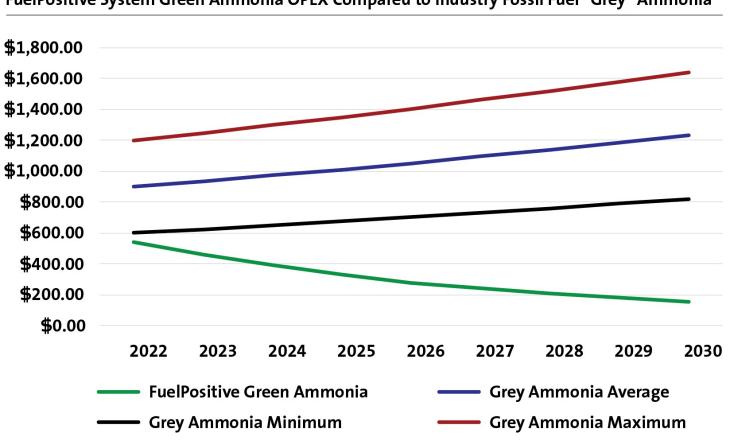


#### The FuelPositive System Generates **Zero** CO2e Emissions



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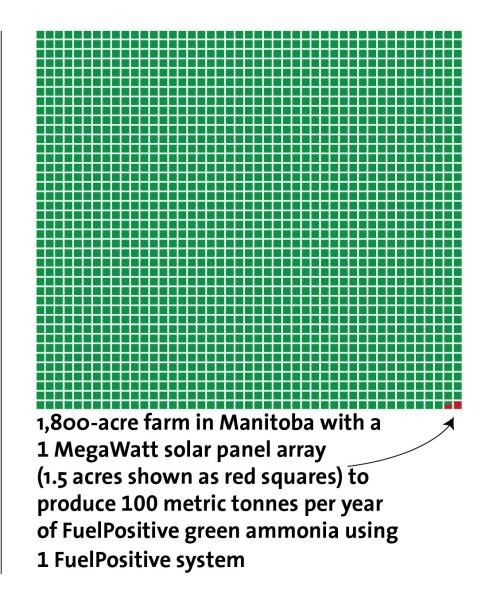
## **Costing Model**



FuelPositive System Green Ammonia OPEX Compared to Industry Fossil Fuel "Grey" Ammonia

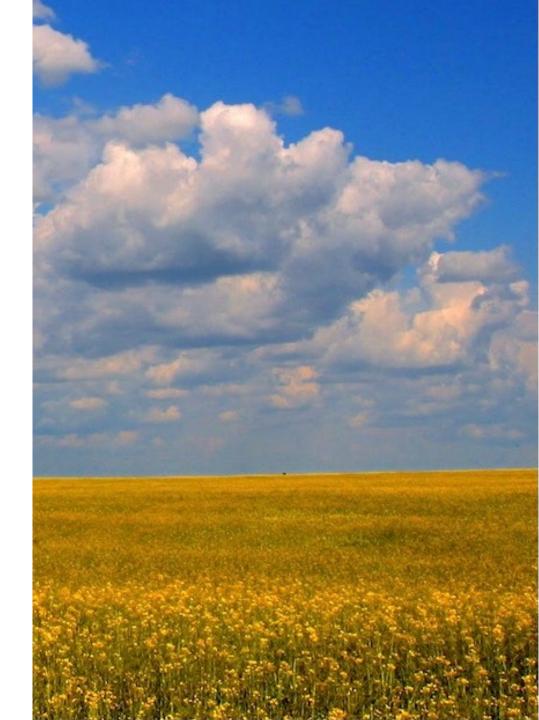
Assumptions:

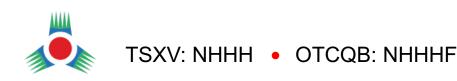
Solar electricity costs continues to be reduced 11.5% per year as it's been for the last 50 years. Energy efficiency improvement of over 18% by 2026 and a further 9% by 2030. 4% annual increase in natural gas made grey ammonia.



### Status

- Planning agricultural demonstration pilot projects for mid-2022 launch
- Currently costing and scoping first project working with Manitoba farmer to produce
  - Fertilizer
  - Fuel for grain drying and farm equipment (e.g., tractors, generators)
- Farmer's Objectives:
  - Cheaper and more reliable supply of nitrogen for fertilizer
  - Interest in converting tractors to green ammonia
- Seeking additional agricultural partners for up to 2 more pilot projects





# **Carbon Credits**

- Significant revenue from carbon credits will fund growth & investment in new technologies
  - IESO developing Clean Energy Credit (CEC) registry
- Each ton of carbon-free NH3 will reduce carbon emissions by more than 4 tons
- 2.5 carbon credits per ton for fertilizer and up to 5 for fuel applications in Canada
  - Potentially higher in other jurisdictions

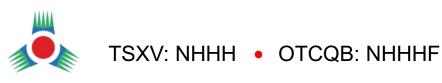




## Summary: Our Green Ammonia System

- Dramatically shifts fertilizerrelated agriculture emissions
- Provides zero emission fossil fuel replacement technology
- Gives end users supply chain and energy independence
- Reduces and stabilizes costs





### **Share Metrics**

#### **Capital structure**

- TSXV: NHHH
- OTCQB: NHHHF

C\$0.17

C\$0.105-C\$0.40

C\$52.335 M

332,635,446

57,686,341

15,000,000

19,087,500

424,409,287

~10%

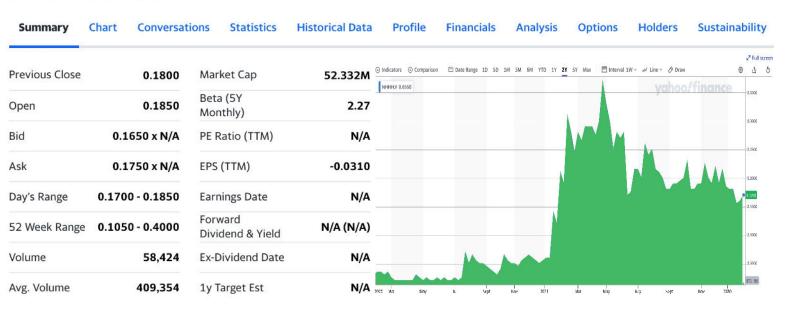
Share Price 52-Week Price Range Market Cap Shares Outstanding (Basic) Warrants Other Obligations to Issue Common Shares Options Fully Diluted Shares Management, Board & Insider Ownership

#### **Trading History: One Year**

FuelPositive Corporation (NHHH.V) TSXV - TSXV Real Time Price. Currency in CAD

Add to watchlist

#### 0.1700 -0.0100 (-5.5556%)



As of 11:42AM EST. Market open.



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