



FuelPositive
Fuel For A Mindful World



FuelPositive Snapshot

The war in Ukraine has heightened global food security concerns already raised by the COVID-19 pandemic and ongoing planetary climate change, given the amount of food, fertilizer and fuel annually sourced from Ukraine and Russia. FuelPositive's on-site green ammonia system is a perfect solution for decentralizing production and reducing reliance on foreign-controlled supply chains. It liberates farmers and offers both energy and food security.

Who we are

[FuelPositive Corp.](#) ("FuelPositive" or "the Company") (TSXV: NHHH, OTCQB: NHHHF) is a Canadian technology company committed to providing commercially viable and sustainable, "cradle to cradle" clean energy and fertilizer solutions for use across a broad spectrum of industries and applications in the near future.

Areas of focus

- 1) Green anhydrous ammonia (NH₃) production technology.** This patent-pending breakthrough is a first-of-its-kind technology that takes air, water and sustainable electricity and converts it into a green ammonia for chemical applications; [fertilizer](#) for farming; [fuel](#) for engines, turbines and [fuel cells](#); energy production and [grid storage](#) and green refrigerants. Our green ammonia also provides the most efficient and safest way to [produce, store and transport](#) hydrogen.
- 2) Super Capacitor technology.** This technology allows for increases in power and energy densities, charging speed, useful life and a lower cost per watt hour stored. We are currently working on improvements with a group associated with NASA.
- 3) Additional technologies.** We are actively pursuing other emission-free technologies to add to our climate-oriented solutions portfolio.

Green Ammonia

Why have we made our lead product a green ammonia production system? Traditional (grey) ammonia has been produced and used for over 100 years. More than 200 million tonnes are manufactured and consumed annually.

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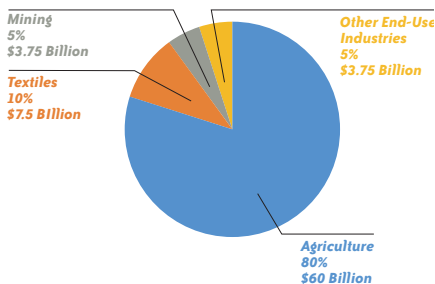
Over 80% of the world's supply is used as fertilizer for farming, but it is a critical player in other sectors, including mining, textiles, chemicals production, cleaning materials, pharmaceuticals, water treatment, refrigerants and fuel.

The problem with ammonia is that its production has always contributed heavily to greenhouse gases. But the possibility of producing green ammonia – with no carbon emissions – is drawing attention around the world, because it can be used in a wide variety of applications – from fertilizer, to fuel, to energy production, to grid storage and as an enabler of the hydrogen economy.

Market Potential

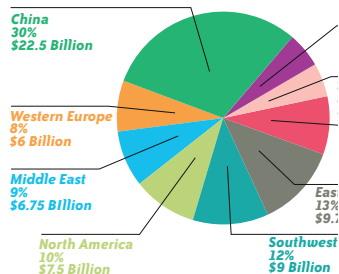
World Consumption of Ammonia

2020 - Based on a \$75 Billion Global Market
Rounded Numbers - Source: IHS Markit



Ammonia Markets, Volume (%), by End-user Industry, Global

2018 - Based on a \$75 Billion Global Market
Rounded Numbers - Source: IHS Markit



Today's annual market for grey ammonia is \$75 billion USD.

In comparison, a recent study reports that the market for green ammonia is predicted to grow exponentially, propelled by [the need to reduce our reliance on fossil fuels](#). FuelPositive's technology could lead the market to exceed expectations.

Leading the green ammonia movement

FuelPositive's technology turns the energy and ammonia supply chains on their heads, making ammonia production a carbon-free and economical process, by producing it on site, where it is needed. Our systems are modular and scalable. Farmers will be liberated from the unpredictable supply of the past. For the first time, they will have energy security and a reliable supply of green ammonia when they need it, in the amount they need and at a steady, affordable price that they control. The "plant-in-a-box" will be easy and quick set-up, stop and re-start, with near-zero maintenance requirements over years of use.

Currently, we are building a series of demonstration prototypes. The first pilot system will be ready to deploy on a farm in Manitoba, Canada in late summer 2022. The second and third systems will deploy later in 2022. We expect to begin validation in the first half of 2022 to prove the rate and purity of green ammonia. Pre-orders for full systems will begin once this validation point is completed.

We have elected to target the agriculture sector first, since farmers already have a good understanding of working with ammonia. We will also focus on developing pilot projects and partnerships to demonstrate the ease and practicality of using green ammonia in other sectors.

Please [get in touch](#) if you would like to discuss any 'Fuel-Positive' solutions with us.



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**With our production systems,
you can produce green ammonia
for fertilizer, fuel, energy production
and grid storage – on site, where
you need it.**

Key Team Members

Ian Clifford - CEO and Board Chair

Ian Clifford brings more than 25 years of experience in the fields of technology and marketing and has successfully led the Company to global brand recognition through its unique energy solutions. From 2006 to today, Ian has raised more than \$75 million in equity financing

for the Company. Ian co-founded digIT Interactive, a full-service Internet marketing company serving Fortune 500, which he sold at the peak of the market in 2000.

Nelson Leite – Chief Operating Officer and Board Member

Nelson Leite is focused on the design, development and production of the FuelPositive prototype units and the future commercialized units. Nelson comes from an engineering and manufacturing background, with over 30 years in the high tech automation and robotics industries. His key transferrable experiences include inventing solutions for companies such as Toyota, Tesla, Kimberly Clark and many more. The size of systems ranged from smaller under \$100,000 to large projects over \$10 million. Many of the systems are currently in production today at the various facilities around the world. At FuelPositive, Nelson is taking an aggressive approach, driving the commercialization of our systems, along with evolving the technology further with our team of researchers and scientists.

Dr. Ibrahim Dincer - Co-Inventor, Lead Technologist

BSc, MSc, PhD, PEng, Automotive, Mechanical, Manufacturing Engineering. Dr. Ibrahim Dincer is recognized as a pioneer and international leader in the area of sustainable energy technologies. Along with his team, Dr. Dincer invented the modular green ammonia production technology that FuelPositive is commercializing. His area of specialty covers various topics including ammonia, hydrogen energy and fuel cells; renewable energy systems; energy storage systems and applications; carbon capturing technologies and integrated and hybrid energy systems.

Dr. Ghassan Chehade - Co-Inventor, Lead Project Engineer

BEng, MSc, EIT, PhD. Dr. Ghassan Chehade is a hydrogen/ammonia subject matter specialist, focused on the link between climate change and energy systems. He worked for more than half a decade at the Clean Energy Research Laboratory at the University of Ontario Institute of Technology, performing research related to clean energy systems. His discoveries on ammonia and hydrogen production methods in the lab have translated to commercial solutions that can revolutionize the way to reduce carbon emissions.

François Desloges, Senior Business and Technology Analyst

BEng. François has over 25 years of experience in high tech entrepreneurship. With a degree in electrical engineering from Polytechnique de Montréal, he has developed electronic systems software applications and material science at the heart of innovative processes for start-up companies. An out-of-the-box-thinker obsessed with quality, François has always preferred small teams and projects with the potential to disrupt the status quo. In recent years, he has enjoyed contributing to ventures that resonate with his ethical values, whether in the area of privacy or the transition to carbon-free energy sources.



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André Mech – Advisor Carbon Credits and Emissions Reductions

André has worked in the emissions reduction space for more than 20 years, assessing the emission profiles of hundreds of transportation and renewable energy companies and technologies on two continents. His experience positions him as one of the most knowledgeable emissions reduction and carbon credit specialists in the sector.

Olushola (Shola) Ashiru – Board Member

A Partner and Portfolio Manager at New Energy Fund (NEF) II, Shola Ashiru has worked in the field of clean technologies since 2007. She co-founded New Energy Fund II (an NEF Advisors company), which is a private equity yield fund set up to take equity positions in high yielding renewable energy projects ranging from fuel cells, solar and wind to efficiency and storage options. Based in New York City, Shola started her career in Cleantech Equity Research, then Equity Capital Markets at Ardour Capital Investments. Shola serves as judge in the annual New York Business Plan Competition, the annual Cleantech Open Northeast competition, and also the annual National Renewable Energy Laboratory's Industry Growth Forum.

Derek Boudreau – Strategic Advisor, Agricultural Implementation

Derek Boudreau has over 27 years of global experience working in sales, management, manufacturing and distribution with agricultural equipment and internal combustion engines, gained at John Deere Company. His experience spans the areas of sales, marketing, product engineering, product support and operations management. Derek developed a broad global perspective as he successfully led businesses for John Deere in Canada, the U.S., Russia and Finland. His knowledge will play a critical role as we determine and maximize the impact of our on-site green ammonia production systems on farms and in other applications as we grow. Derek has a passion for expanding product offerings to better serve customers through organic development and strategic partnerships. He holds a BEng (McGill University) and an MBA (University of Chicago).

Claudia Wagner-Riddle – Advisor, Agriculture

BSc, MSc, PhD Dr. Claudia Wagner-Riddle is a Professor in the School of Environmental Sciences (SES), University of Guelph, Canada. Originally from Brazil, Claudia has degrees from the University of Sao Paulo and Guelph. Claudia leads an internationally renowned research program utilizing the measurement of greenhouse gas emissions to determine the carbon footprint of food, feed and fuel produced by agriculture. She leads projects focused on evaluating how soil health impacts ecosystem services. Fellow of the Soil Science Society of America, the American Meteorological Society and the Canadian Society of Agricultural and Forest Meteorology. Editor-in-Chief of the international journal Agricultural and Forest Meteorology. Director of the North American regional chapter of the International Nitrogen Initiative. Awarded the 2020 IFA Borlaug Award of Excellence in Crop Nutrition.

Marek Warunkiewicz – Board Member and Advisor, Marketing

Marek brings 40-plus years of entrepreneurial expertise to the FuelPositive board and management. His experience spans the areas of marketing, branding, advertising, project management and graphic design and has held Creative Director and VP of Marketing positions at various companies. Marek has created successful business-to-business marketing and advertising



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campaigns for a diverse group of clients ranging from high-tech to agriculture. Marek, along with Ian Clifford, co-founded digIT Interactive and ZENN Motor Company.

Luna Clifford – Director, Strategic Partnerships & Alliances

Luna Clifford heads up our efforts to identify and secure strategic partnerships, alliances and advisors as we proceed to develop new applications of our technology. We take a team approach to building our company, bringing in the best people for each requirement as we grow. Luna has more than 10 years' experience as a business owner and advisor, helping build and operate several start-up enterprises. She excels in strategic planning, team building, stakeholder relationships and is an innovative and intuitive thinker. Luna has completed intensive studies in communications and health care and is passionate about plant based, anti-speciesism and permaculture initiatives.

Jennifer Spencer – Director, Communications

Jennifer Spencer is a strategist and leader in cause-related communications with a career spanning 40 years. Initially a journalist, she moved to public relations where she worked in leading international and Canadian agencies. She founded and served as President for nine years of Veritas Communications, which quickly became a Canadian sector leader, providing public and government relations services. She directed communications for Canadian Blood Services and worked in the not-for-profit sector for CNIB (Canadian Institute of the Blind), Heart & Stroke and March of Dimes Canada.

Agencies

RBMG™

- [RB Milestone Group](#)



- [Investor Brand Network](#)

sussex

- [Sussex Strategy Group](#)

COUNSEL

- [Counsel Public Affairs](#)