

As dynaCERT strives for cleaner air, a partnership through Cipher Neutron's deal with Strategic Resources offers a greener steel

written by InvestorNews | August 16, 2023

There has long been a debate about the pace at which we should move away from fossil fuels. While many advocate for an immediate zero fossil fuel transition, the reality is much more complex. As [Dean Bristow argues](#), people in cold climates, covering most of North America, Europe, and parts of Asia, still rely on fossil fuels for warmth. Immediate alternatives, such as transitioning from coal to natural gas, are often dismissed, even though they can serve as crucial interim solutions.

An area of contention remains the transportation sector. Although electric vehicles (EVs) have gained traction, fully replacing all combustion engines with EVs remains a challenge due to infrastructural and [resource constraints](#). Meanwhile, [dynaCERT Inc.](#) (TSX: DYA | OTCQX: DYFSF) presents a compelling solution for reducing emissions from diesel engines. By producing hydrogen and oxygen on-demand, their technology, when added to diesel engines, improves combustion, reducing greenhouse gas emissions, particulate matter, and fuel consumption. This innovation is powered by distilled water and the vehicle's battery, making it an attractive interim measure until EV infrastructure becomes pervasive.

dynaCERT's HydraGEN™ system offers potential benefits not just from an environmental standpoint but also from a financial

perspective. The system's ability to enhance combustion translates to less fuel consumption and a decrease in maintenance costs, such as engine oil replacements. Recent test results from the company indicate a significant reduction in various emissions, including up to 88.7% reduction in NOx and 55.3% in particulate matter.

Further emphasizing dynaCERT's commitment to cleaner energy solutions, their partnership with Cipher Neutron Inc., a company focused on Anion Exchange Membrane (AEM) Electrolysers for Green Hydrogen production, has taken a significant stride. Earlier today ([August 16, 2023](#)), Cipher Neutron and [Strategic Resources Inc.](#) jointly announced [a collaboration](#) to explore supplying the BlackRock Project's metallurgical facility in Saguenay, Québec with AEM Electrolysers. These electrolysers are intended to produce Green Hydrogen, marking a step towards the transition to Green Steel production.

The BlackRock Project, spearheaded by Strategic Resources, is set to benefit immensely from this collaboration. Cipher Neutron's AEM Electrolysers are noted for their efficiency, cost-effectiveness, and environmental benefits. Given the project's location, the deployment of these electrolysers is strategically ideal. This venture promises to reduce greenhouse gas emissions further, with plans to deploy a significant number of AEM Green Hydrogen Electrolysers for Green Steel production.

Cipher Neutron's AEM technology represents a potential game-changer in the steel industry, which currently accounts for roughly 7% of global carbon dioxide emissions. By reducing emissions, this collaboration signifies a bold step in the transition towards a greener global economy.

In conclusion, the intersection of dynaCERT's innovations with the forward-thinking approach of Cipher Neutron and Strategic

Resources showcases the potential of technology and collaboration in driving the world towards a greener future. As the transition continues, such integrated solutions may pave the way for a more sustainable and cleaner world.

SunHydrogen on track to make the cleanest greenest hydrogen

written by InvestorNews | August 16, 2023

Every once in a while I read about a company and wonder why their technology isn't being adopted by everyone, everywhere. To me, it can seem like the idea sounds almost too good to be true (and maybe in some cases it is), but in the event that it is a legitimate, proven technology, one feels compelled to dig deeper and understand why it isn't a tool being used for the betterment of the whole of society (and the profit of shareholders). I'll admit that sometimes I don't think the same way as others and that perhaps my perception of what might be the best thing since sliced bread could make you scratch your head and ask what is this guy smoking, but we can leave that debate for another day.

What piques my interest today is the potential of the ultimate green energy – clean hydrogen derived from water and sunlight. On top of that, it is a self-contained, scalable solution to provide on-site solar hydrogen generation facilitating local distribution to further reduce/eliminate the carbon footprint. Makes you wonder why we are wasting our time mining/extracting lithium, copper, etc. to build EVs.

The company behind this revolutionary solution to reduce carbon

emissions is [SunHydrogen, Inc.](#) (OTC: HYSR), a U.S. based technology company, dedicated to the development of breakthrough technologies to make, store and use green hydrogen across a wide range of industrial applications. The Company's core technology is its patented SunHydrogen Panel, currently in development, which harnesses the power of sunlight to split water molecules into high-purity green hydrogen and oxygen.

Converting water to hydrogen is not new science. Electrolysis has been around for centuries, and more recently, as the world searches for means to reduce our carbon footprint, brown, blue and green hydrogen have become increasingly important tools in the transition away from fossil fuels. However, brown hydrogen is produced from natural gas through a process called steam methane reforming. This method releases carbon dioxide (CO₂) as a byproduct and although it may (or may not) result in lower emissions than traditional fossil fuels, it's still not ideal. This becomes blue hydrogen if some form of carbon capture is used to prevent the CO₂ from being emitted to the atmosphere, but that obviously adds to the overall cost.

SunHydrogen is working on green hydrogen which is produced through electrolysis powered by renewable sources such as wind, solar, or hydroelectric power. Green hydrogen is considered environmentally friendly, emitting no greenhouse gases during production or consumption. But there can still be challenges given a vast majority of today's green hydrogen producers transport their product over long distances, so although the hydrogen itself is green, the delivery and transport infrastructure creates a higher carbon footprint.

That's where SunHydrogen is developing the game changing solution to become the best of the greenest. It all starts with their Photoelectrosynthetically Active Heterostructures (PAH), which is a fancy, and hard to pronounce name for the

nanoparticles the Company uses. Each PAH nanoparticle is a microscopic machine, composed of multiple layers enabling the solar electrolysis reaction to take place. It's a process similar to what happens inside a plant cell during photosynthesis. Billions of microscopic nanoparticles split apart water at the molecular level, extracting hydrogen with the added benefit that SunHydrogen's technology can utilize water of varying purities versus conventional electrolyzers that require high-purity water for operation.

But what happens when the sun isn't shining? No problem, the prototype hydrogen generation panel (see below) was also designed to support 24-hour operation even when the sun is not shining, by powering the catalyst and membrane integration assembly with renewable grid electricity from wind or hydropower sources.



Source: SunHydrogen, Inc. Feb 7, 2023 [Press Release](#)

It would seem that SunHydrogen has thought of almost everything.

Now all they have to do is take that last step from prototype to commercial-scale hydrogen panels. The good news is, with over US\$30 million in cash and several ongoing joint venture collaborations they are well positioned to make this a reality.

SunHydrogen, Inc. trades at a market cap of US\$77 million.

dynaCERT is trying to help us all breathe a little easier

written by InvestorNews | August 16, 2023

EVs also aren't going to be providing 100% of our transportation needs anytime soon. It is going to take time to build out the infrastructure to manufacture all those replacement vehicles, as well as acquire all the resources that go into them. But what if there was a low-cost, easy to install solution for every single diesel engine on the planet that would reduce all greenhouse gas emissions, reduce particulate matter (the black smoke you see billowing out of the exhaust pipes) and also reduced fuel consumption

Jim Payne of dynaCERT Explains

Carbon Emission Reduction Technology in the Mining Industry

written by InvestorNews | August 16, 2023

In this InvestorIntel interview during PDAC 2023, Chris Thompson talks to Jim Payne President, CEO, and Director of [dynaCERT Inc.](#) (TSX: DYA | OTCQX: DYFSF) about the use of its Carbon Emission Reduction Technology (“CERT”) in the Mining Industry.

Jim explains that the company’s technology enhances the burn of an internal combustion engine and initially focused on diesel engines in transport trucks. However, the mining industry is now dynaCERT’s largest market, and the company is seeing phenomenal results with its technology, improving fuel economy by 10-15% and reducing toxic gas emissions by over 50%, particularly NOx emissions, which are reduced by up to 88%.

Finally, he discusses how dynaCERT’s technology is unique, producing hydrogen on demand from water through a patented electrolysis system that determines the proper flow rate of gas to maximize the burn and reduce emissions. dynaCERT’s tracks the fuel economy and reduction in greenhouse gases with its proprietary HydraLytics Telematics and converts it into carbon credits, which is a big part of the company’s future.

To access the full InvestorIntel interview, [click here](#).

Subscribe to the InvestorIntel YouTube channel by [clicking here](#).

About dynaCERT Inc.

dynaCERT Inc. manufactures and distributes Carbon Emission Reduction Technology along with its proprietary HydraLytics™

Telematics, a means of monitoring fuel consumption and calculating GHG emissions savings designed for the tracking of possible future Carbon Credits for use with internal combustion engines. As part of the growing global hydrogen economy, our patented technology creates hydrogen and oxygen on-demand through a unique electrolysis system and supplies these gases through the air intake to enhance combustion, which has been shown to lower carbon emissions and improve fuel efficiency. Our technology is designed for use with many types and sizes of diesel engines used in on-road vehicles, reefer trailers, off-road construction, power generation, mining and forestry equipment.

To learn more about dynaCERT Inc., [click here](#).

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If you have any questions surrounding the content of this interview, please contact us at +1 416 792 8228 and/or email us direct at info@investorintel.com.

Selling carbon credit futures by way of a convertible note, dynaCERT offers an innovative way to raise capital

written by Tracy Weslosky | August 16, 2023

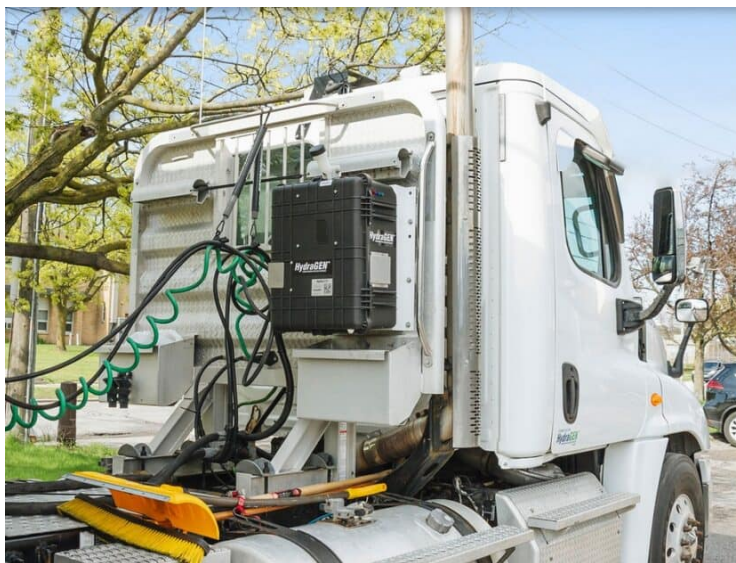
We all know that companies can sell our data and how valuable data has become. Now a company is aiming to sell 'emissions reductions data in the form of carbon credit futures'.

[dynaCERT Inc.](https://www.dynacert.com) (TSX: DYA | OTCQX: DYFSF) recently [announced](#) a unique way to raise capital by selling up to CAD\$10M of Carbon

Credit Convertible Notes. The concept is quite simple. dynaCERT's will issue a convertible note that is convertible into carbon credit 'futures' after 5 years, so is effectively raising capital from the future carbon credit proceeds to come from the carbon credits potentially earned by dynaCERT's emission reduction product, HydraGEN™.

dynaCERT's HydraGEN™ system and HydraLytics™ software creates hydrogen and oxygen on-demand through a unique patented electrolysis system and supplies these gases through the air intake of internal combustion engines to enhance combustion, resulting in lower carbon emissions and greater fuel efficiency. The main target market is heavily polluting diesel engines. HydraLytics™ is able to create the data to show the carbon reduction/credit. (see [video](#) 3 minute 50 second mark)

dynaCERT's HydraGEN™ hydrolysis unit reduces emissions and improves fuel efficiency



Reducing Greenhouse Gases

Our Green Initiative focuses on reducing the amount of Greenhouse gases (GHG) emitted by the combustion of carbon based fuels. Our technology works with internal combustion engines used for industrial production processes, such as power generation, and for transportation, which includes tractor-trailers, rail, marine and off-road construction equipment. As more opportunities open for us to validate our technology, the more impact we will have in these areas.

Reducing the amount of GHGs provides benefits to the environment, to communities, to businesses and to our shareholders.

Source: [dynaCERT website](#)

The dynaCERT announcement [stated](#): "The offering is not convertible into the Company's common shares and is non-dilutive to shareholders of the Company. Each Carbon Credit Convertible Note is priced at \$1,000 (Canadian) with a maturity date of ten

(10) years after the date of issue. Commencing at the fifth (5th) anniversary after the date of issue, the Carbon Credit Convertible Notes will be convertible, at any time thereafter, at the option of the holder, into Carbon Credits generated by *dynaCERT's* proprietary HydraGEN™ Technology. The Carbon Credit Convertible Notes are currently designed to be offered as a non-brokered private placement to institutional investors that wish to be the first to gain long term exposure to Carbon Credits.....”

The ‘methodology’ of the Carbon Credit Convertible Notes has been approved by [VERRA](#); however full approval is still in the final stages as you can read [here](#). VERRA certify and manage the world’s leading voluntary carbon markets program, the Verified Carbon Standard (VCS) Program. VERRA [state](#): “The Verified Carbon Standard (VCS) Program is the world’s most widely used greenhouse gas (GHG) crediting program. **It drives finance toward activities that reduce and remove emissions**, improve livelihoods, and protect nature.....”

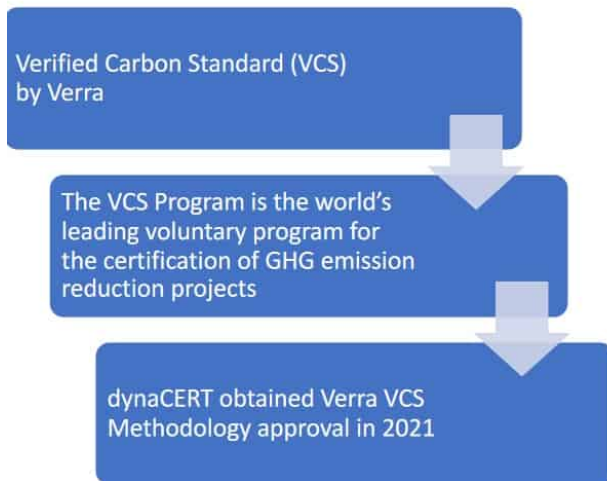
Jim Payne, President, CEO, and Director of *dynaCERT*, [stated](#): “Carbon Credit Convertible Notes are an innovative structure offering premium Carbon Credit futures **derived from measured and verified emission reductions from the data received from internal combustion engines.**”

Note: Bold emphasis by the author.

Quite amazing that the ‘data showing emissions reductions’ nowadays potentially qualifies for carbon credits.

dynaCERT obtained VERRA Verified Carbon Standard ‘methodology’ approval in 2021

Verra Carbon Credits



Source: [dynaCERT company presentation](#)

dynaCERT plan to use the raised funds towards “working capital of its currently available HydraGEN™ Technology business and fulfill timely delivery of sales of its products and to expedite current and new potential deliveries globally.”

dynaCERT is making inroads with sales into the mining industry

dynaCERT’s emission reduction HydraGEN™ product continues to gain traction in terms of sales into the mining industry. The mining industry is under significant ESG pressure to reduce emissions. As [announced](#) on November 15, 2022, dynaCERT’s distributor has reported sales and/or pilot trials with multiple leading global mining companies including Vale, Codelco, Nexa Resources, Arauco, Antamina, and a Mexican multinational food processing and distribution company Sigma Alimentos.

dynaCERT is also working on technology to develop Green Hydrogen (5:30 mark in the [video](#)), but we will leave that story for another day.

Closing remarks

Selling carbon credit futures by way of a convertible note is certainly an innovative way to raise capital. It potentially indicates a very strong demand by carbon emitting companies to be able to buy carbon credits (in this case carbon credit futures) to help offset their carbon emissions, otherwise face hefty fines.

InvestorIntel will circle back and keep investors updated on this one and see how dynaCERT goes with their offering.

You can learn more by watching the recent dynaCERT CEO video interview moderated by Byron W King [here](#).

dynaCERT trades on a market cap of C\$69 million.

dynaCERT puts its carbon emission reduction technology to the test

written by InvestorNews | August 16, 2023

Getting companies to adopt climate change initiatives is no easy task. Many economists believe that carbon pricing – either through carbon taxes or cap-and-trade programs – is the most efficient way to reduce greenhouse gas emissions. Carbon taxes provide a financial incentive for businesses and households to reduce their energy use and switch to cleaner fuels.

Carbon pricing provides across-the-board incentives to reduce

energy use and shift to cleaner fuels and is an essential price signal for redirecting new investment to clean technologies. The carbon emissions and credit game is tricky, but pricing carbon is critical in deterring fossil fuel use and reducing greenhouse gas emissions.

Technology is going to play a vital role in the facilitation of climate change initiatives. There is an enormous opportunity for companies with climate change and carbon credit technologies. [McKinsey](#) reported that the carbon credit market could be worth \$50 billion by 2050.

One company that has been involved in carbon credits and carbon reduction is [dynaCERT Inc.](#) (TSX: DYA | OTCQX: DYFSF). dynaCERT was one of the first companies to focus on carbon credits, and they have been working with [Verra](#), the largest governing body for carbon credits, for over two years. dynaCERT's Carbon Emission Reduction Technology (CERT) creates hydrogen and oxygen on-demand through a unique electrolysis system and supplies these gases to engines to enhance combustion, resulting in lower carbon emissions and greater fuel efficiency.

Verra "[announced](#) to dynaCERT that it's Methodology in respect of its Carbon Credit Certification has reached a new important stage." This technology can be a significant benefit for companies looking to offset their carbon emissions, and dynaCERT is at the forefront of this rapidly growing industry.

[InvestorIntel interviewed](#) dynaCERT's President, CEO, and Director Jim Payne about its recent efforts and technology to reduce carbon emissions and generate carbon credits. Payne is excited about the commercial prospects for his company's innovative technology. He noted that several large corporations have expressed interest in using dynaCERT's products to reduce their emissions. These companies are attracted by the potential

for significant reductions in emissions – up to 50 percent – as well as the carbon credits that will be generated.

On [August 22nd](#), dynaCERT announced a new customer as both a showcase of their technology and one that could further their long-term prospects. The city of Timmins in Ontario, Canada, is committed to conducting a comprehensive pilot program to determine the city's economic, social, and governance (ESG) objectives. As part of this program, the city has installed ten of dynaCERT's HydraGEN™ units on various diesel-powered city vehicles. The units are expected to reduce fuel consumption, greenhouse gas emissions footprint, and carbon and NOx emission. Significantly, the pilot project will run and test the technology well into the Canadian winter months.

The program is planned to begin in September 2022, where equipped municipal vehicles will be analyzed to determine the impact of dynaCERT's technology on emission reductions and fuel savings. The city expects to install HydraGEN™ Technology on buses, landfill equipment, garbage trucks, and other diesel-powered equipment. The results of the pilot program will be closely monitored to assess the potential benefits of dynaCERT's technology for the City of Timmins, as well as a test case for other municipalities and potential commercial customers, which will be closely monitoring the results of the program in Timmins, which is considered a hub of the progressive mining and forestry community.

Although dynaCERT also recently announced the departure of two directors and a change of auditors, at publication date the company's stock has seen a steady increase over the past two weeks from \$0.10 to about \$0.22. There is clearly a growing appetite at many levels for carbon emission reduction technologies.

dynaCERT wins during COP26 with renewed support for its emissions reduction technology

written by InvestorNews | August 16, 2023

Whether it be COP26 or the recent company news, 'emissions reduction' company [dynaCERT Inc.](#) (TSX: DYA | OTCQX: DYFSF | FRA: DMJ) stock price leaped 42.86% higher on the Toronto Stock Exchange yesterday. Since the COP26 conference began on October 31 the stock has moved up from C\$0.22 to C\$0.40, for a 82% gain the past 3 days. Now that's impressive!

Of course InvestorIntel readers may not be surprised, as we [published](#) "dynaCERT's Carbon Emissions Reduction Technology (CERT) is revved and ready, as the world eyes the upcoming UN Climate Change Conference in Glasgow for updates on emissions reductions commitments" back on September 2, 2021.

dynaCERT (TSX: DYA) was up 42.86% yesterday

On November 1, 2021, dynaCERT [announced](#) that their distributor CarbonKleen has reported "Sofina will expand their installation of *dynaCERT's* Technology from four (4) HydraGEN™ Technology units to twenty (20) units, with a goal of using *dynaCERT's* patented technology to improve the efficiency and reduce harmful emissions of diesel-powered engines." Sofina Foods will be installing this technology as part of their ongoing commitment to continuously improving the environmental impact of their operations and products.

[Sofina Foods Inc.](#) is a Canadian based manufacturer of processed animal products. Sofina is privately owned and dedicated to providing great tasting, high quality food products for retail and food service. Sofina acquired Lilydale in a C\$130 million deal in 2010 and Santa Maria Foods ULC (an importer and distributor of specialty Italian brands) in 2012.

dynaCERT President & CEO, Jim Payne, [stated](#): “*dynaCERT* congratulates the entire team at Sofina Foods for taking important steps towards contributing to Sustainability as it relates to Climate Change. *dynaCERT* applauds both KarbonKleen and Sofina Foods for their uncompromising commitment to innovative technologies that reduce emissions in internal combustion engines. Our patented HydraGEN™ Technology and HydraLytica™ software is well-suited for Sofina Foods and is a testimony of their rising efforts in contributing to solutions to Climate Change....”

Could the Sofina deal lead to a windfall of new customers for dynaCERT

Certainly 2021 has seen many announcements of companies wanting to go green and reduce their emissions. While not every business can afford or justify buying new electric vehicles, millions of global businesses can afford to install dynaCERT's HydraGEN™ emission reduction system on their existing combustion vehicles or generators, especially those using diesel. That's because the system can be retrofitted and as well as reducing emissions it improves fuel efficiency. Furthermore, the HydraLytica™ software allows companies to see on their computers or cell phones exactly how much CO2 they are generating for any particular truck or diesel engine. A win-win for the Company and also for dynaCERT.

dynaCERT's extensive global distribution for its products

dynaCERT has numerous collaborations and partnerships, including [45 qualified agents and dealers operating in 44 countries](#) worldwide, with a potential market size of [one billion vehicles](#). In particular, polluting large heavy vehicles (trucks, buses, mining vehicles etc) running on diesel are prime potential beneficiaries. Fleets can also benefit by reducing emissions and saving on fuel costs.

Some examples of dynaCERT's agents/dealers/alliances include KarbonKleen (mentioned above), 6TAVADA LDA (Portugal), SSiE (Canada), ESAMETAL S.r.l. (Italy), SIMMAX Power Generation (Canada), Simply Green Ltd (Canada), GridFix, (Australia), and ACR Industrial Supplies (Colombia and Peru).

dynaCERT's potential global market for its products is enormous (includes 1 billion existing combustion engine vehicles and millions of trucks)

More about dynaCERT

dynaCERT's patented technology (HydraGEN™system and HydraLytica™ software) creates hydrogen and oxygen on-demand through a unique patented electrolysis system and supplies these gases through the air intake of internal combustion engines to enhance combustion, resulting in lower carbon emissions and greater fuel efficiency. dynaCERT's technology is designed for use with many types and sizes of diesel engines used in on-road vehicles, reefer trailers, off-road construction, power generation, mining and forestry equipment, marine vessels and railroad locomotives.

Closing remarks

The COP26 climate change conference on now in Glasgow has been highlighting the need to take urgent action to save our planet. The recent example of Sofina Foods purchasing dynaCERT's emissions reduction technology is just one small example of how change can happen.

dynaCERT's technology was 17 years in the making with C\$70 million invested, all leading up to now. The Company trades on a market cap of C\$152 million which gives an opportunity for further gains should more of the 1 billion combustion engine owners decide to reduce emissions. Let's hope COP26 is just the beginning of an avalanche of new purchases for dynaCERT's products and we can move towards a cleaner world.

dynaCERT's Carbon Emissions Reduction Technology (CERT) is revved and ready, as the world eyes the upcoming UN Climate Change Conference in Glasgow for updates on emissions reductions commitments

written by InvestorNews | August 16, 2023

As the world gears up for the UN Climate Change Conference (COP 26) in Glasgow, UK, on November 1-12, 2021, all eyes will be on country's emissions reductions commitments. It will also be a good time for those companies that are focused to help reduce emissions, such as [dynaCERT Inc.](#) (TSX: DYA | OTCQX: DYFSF | FRA: DMJ).

dynaCERT is focused on reducing emissions and improving fuel

efficiency with their Carbon Emission Reduction Technology (CERT) used with internal combustion engines. Their flagship product is HydraGEN™, an electrolysis unit that produces hydrogen (H₂) and oxygen (O₂) gases to optimize the fuel burn, resulting in a [6-19%](#) increase in fuel economy and dramatic reduction in emissions. dynaCERT has spent C\$70 million and 17 years developing the HydraGEN™ technology.

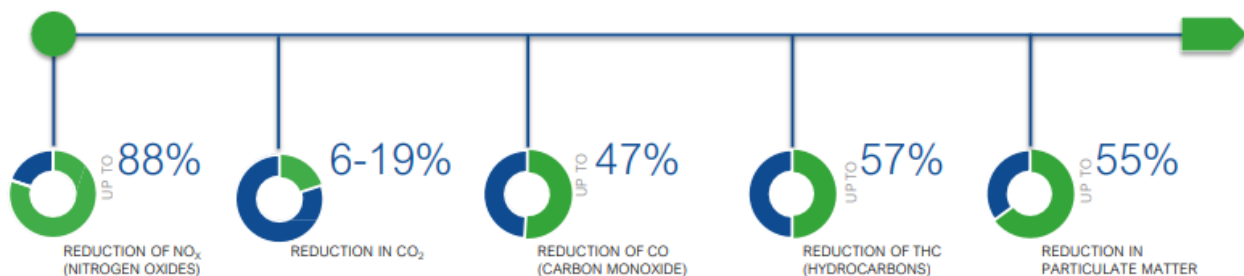
HydraGEN™ emissions benefits

Emission Benefits

HydraGEN™

HydraGEN™ Lowers Emissions Substantially

The following results have been acquired from accredited third party verification performed by PIT Group in Montreal, Quebec, Continental EMITEC in Germany and performance testing at the UOIT ACE in Toronto, Ontario.



Source: [Company presentation](#)

dynaCERT gives a good business description [stating](#):

“The Company is engaged in the design, engineering, manufacturing, testing, and distribution of a transportable hydrogen generator aftermarket product, currently in use in the heavy Class 6-8 tractor trailer industry, the smaller Class 2-5 trucks, stationary power generation, off-road construction machinery, and mining and targeted for use in refrigerated trailers and containers, and forestry industries, with potential

for application in the ocean shipping and trans-continental rail industries.”

Despite the COVID-19 disruption, dynaCERT has signed up 7 new global dealers

Unfortunately, the last year or so has seen a severe disruption to dynaCERT’s business both in terms of the supply chain disruption and also the global sales distribution. During Q2 2021, dynaCERT [shipped 74 HydraGEN™ units](#) to dealers and clients. For the second quarter to June 30, 2021, the Company recognized sales of C\$414,503 (compared to [C\\$19,805](#) a year ago) and for the six months ended June 30, 2021, the Company recognized [sales of C\\$464,296](#). These figures are below expectations due to the COVID-19 impact.

On a brighter note, dynaCERT now has [47 qualified agents and dealers](#) operating in over 38 countries worldwide. The dynaCERT HydraGEN™ line of products is ready to be presented to a market potential of more than [100 million vehicles](#). Despite the disruptions, dynaCERT has been able [to sign up 7 new dealers](#) – 6TAVADA LDA (Portugal), SSiE (Canada), ESAMETAL S.r.l. (Italy), SIMMAX Power Generation (Canada), Simply Green Ltd (Canada), GridFix, (Australia), and ACR Industrial Supplies (Colombia and Peru).

In addition, Alltrucks GmbH & Co. AG (Germany) [has initiated promoting](#) dynaCERT’s HydraGEN™ technology to 300 of Alltrucks partner establishments in Germany.

In Q1 2021, dynaCERT received purchase orders with advanced payment of 20 HG1B units for the North American continental trucking customers of KarbonKleen which is furthering its successful trials to its trucking and logistics clients. This is not part of the subscription program for 3,000 units.

The city of Woodstock has had a conventional public transit bus and a recycling packer truck installed with HydraGEN™ HG2R technology units. dynaCERT is also working with Provincial and Federal Governments, several municipalities and power utility providers across Ontario supplying quotes and extensive analyst reports for their fleets showing the potential fuel savings, as well as the emissions reductions and greenhouse gas reductions that could potentially be realized with the utilization of HydraGEN™ units.

Finally in the key North American market dynaCERT recently [stated](#): “In Q2 2021, dynaCERT has received purchase orders of the Company’s newest 2021 models HG1 and HG2 units through several Dealers continuing to penetrate the North American logistics, trucking and consumer markets, including smaller commercial delivery/service vehicles.”

dynaCERT expertise in Hydrogen Clean Technology

In recent times dynaCERT has increasingly become known as an expert in Hydrogen Clean Technology. This was seen back in March 2021 when it was [announced](#) that dynaCERT had achieved Local and Global milestones and became part of the Ontario Hydrogen Strategy Coalition, effectively attending meetings of the Hydrogen Strategy Working Group.

Then in June dynaCERT [announced](#) that they had accepted a strategic collaboration to advise Galaxy Power, from time to time, on general innovative Hydrogen Clean Technology advancements throughout Canada.

dynaCERT investment highlights

Investment Highlights

- Proven Carbon Emission Reduction Technology
- Proprietary know-how & Patents = Leader in Canadian Hydrogen Technology
- Carbon Credits can be measured and monetized
- High Barriers to Entry
- Strong Balance Sheet with approximately C\$13.5 million & Very Liquid Stock
- Near-term growth potential
 - Global Strategy: Canada, USA, South America, Europe, South Asia, Middle East
 - Diversified vertical market segments: trucks, reefer trailers, buses, heavy construction, mining equipment, electrical power generators, marine & locomotive
- Compelling Value Proposition to end-users of products = under 1 year payback
- Strong Margins = Attractive Business Model



Source: [Company presentation](#)

Closing remarks

dynaCERT has been impacted by COVID-19 and as a result, the Company's revenues have been lower than what was expected. On the positive side, the global number of dealers has increased, which better positions dynaCERT to capitalize when the market recovers. Also, we are rapidly approaching the COP 26 UN Climate Change Conference in November 2021 when all eyes will turn towards emissions reductions.

For investors, the stock price is less than half of where it was a year ago and trades on a market cap of C\$108 million. Given the enormous demand to reduce vehicle emissions and boost fuel efficiency then dynaCERT should recover soon.