

dynaCERT is trying to help us all breathe a little easier

written by InvestorNews | May 30, 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

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

written by Tracy Weslosky | May 30, 2023

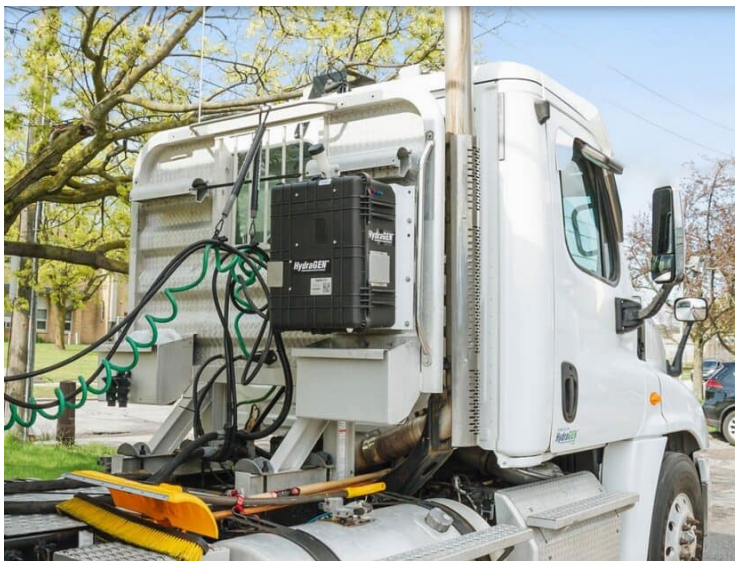
We all know that companies can sell our data and how valuable data has become. Now a company is aiming to sell 'emissions reductions data in the form of carbon credit futures'.

[dynaCERT Inc.](#) (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 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. The main target market is heavily polluting diesel engines. HydraLytica™ 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's Jim Payne on generating carbon credits and a 'fleet management system on steroids'

written by InvestorNews | May 30, 2023

In this InvestorIntel interview, Byron W King interviews [dynaCERT Inc.](#)'s (TSX: DYA | OTCQX: DYFSF) President, CEO, and Director Jim Payne about dynaCERT's proprietary HydraGEN™ Technology. Proven to be effective in improving fuel economy and significantly reducing greenhouse gases in internal combustion engines, Jim provides an update on how six of the largest mining

companies in the world [are adapting](#) dynaCERT's HydraGEN™ Technology.

Jim says that in addition to reducing particulate matter and toxic gases by more than 50%, dynaCERT's HydraGEN™ Technology results in up to 88% reduction in nitrogen oxides right at the combustion. With growing concerns around climate change, Jim discusses how “dynaCERT has a technology right now that can make a substantial difference” by reducing emissions. Describing dynaCERT's HydraLytics™ Telematics as a “fleet management system on steroids” that measures fuel savings and provides emission reduction, Jim explains how this technology generates carbon credits.

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

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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 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 know 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.

Byron W King with Jim Payne on dynaCERT's \$10M of Carbon Credit Convertible Notes Offering

written by InvestorNews | May 30, 2023

In this InvestorIntel interview, host Byron W. King interviews [dynaCERT Inc.](#)'s (TSX: DYA | OTCQX: DYFSF) President, CEO, and Director Jim Payne about how dynaCERT recently launched an offering of up to \$10,000,000 of Carbon Credit Convertible Notes under private placement exemptions in Canada. Providing an overview and update on how the Carbon Credits generated by dynaCERT's proprietary HydraGEN™ Technology works, Jim explains how Carbon Credit Convertible Notes offer a way to raise capital that is non-dilutive for shareholders.

In this interview, Byron has Jim explain how dynaCERT's proprietary HydraGEN™ Technology carbon emission reduction technology works and how it has been proven around the world. Jim adds that the carbon credits generated by HydraGEN™ Technology is data driven and is audited and certified by Verra – one of the largest carbon credits certifying body, Verra. This exploratory interview touches on the impact of the reduction of carbon emissions from the logistics industry (trucking) and how dynaCERT is well positioned for both growth and revenue

potential.

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

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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 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.

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dynaCERT puts its carbon

emission reduction technology to the test

written by InvestorNews | May 30, 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 | May 30, 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 CarbonKleen and Sofina Foods for their uncompromising commitment to innovative technologies that reduce emissions in internal combustion engines. Our patented HydraGEN™ Technology and HydraLytics™ 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 HydraLytics™ 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 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. 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 | May 30, 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.

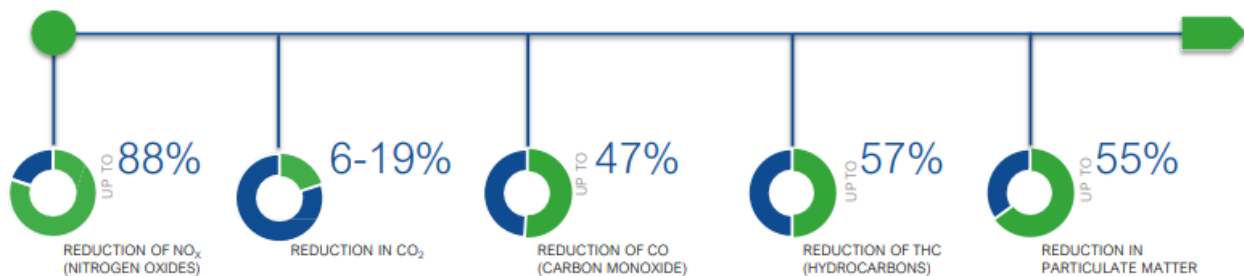
HydraGEN™ emissions benefits

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.



5

TSX: DYA | OTCQX: DYFSF | FRA: DMJ

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.

dynaCERT teams up with Harold Martin to move their emissions reduction tech to the next level of success

written by InvestorNews | May 30, 2023

Today up to 40 of the world's leaders are meeting for President Biden's Leaders Summit on Climate Change. It has been reported that the U.S plans to announce their new goal to [accelerate its emissions reductions by 50% by 2030](#). China's President Xi also plans to outline how China plans to reduce their emissions. Then on November 1-12, 2021 there will be the UN Climate Change Conference to be held in Glasgow, UK.

All of this revolves around reducing emissions. One company is already doing that and improving fuel efficiency with their Carbon Emission Reduction Technology (CERT) used with diesel engines. That company is [dynaCERT Inc.](#) (TSX: DYA | OTCQX: DYFSF | FSE: DMJ).

dynaCERT teams up with industry leader Harold Martin of Martin Technologies

In recent news announced on January 18, 2021 dynaCERT [stated](#) that dynaCERT "has agreed with Martin Technologies LLC Corporation ("Martin Technologies") to collaborate on scientific expansions required for introducing *dynaCERT's* patented proprietary Carbon Emission Reduction Technology ("HydraGEN™ Technology") to Original Equipment Manufacturers ("OEM's") in North America and globally." As a result of this Chairman and CEO of Martin Technologies, Mr. Harold Martin, has joined the dynaCERT corporate advisory board. DynaCERT [state](#):

"Mr. Martin has global business experience ranging in North America and South America, EU, Asia and Africa. **He has been an OEM Supplier partner providing complete vehicle services in engineering, manufacturing, assembly, and marketing.** He is a former Automotive Engineer at General Motors who led numerous programs and awarded 20 World Patents and 5 Classified Patents.....Mr. Martin founded Martin Industries in 1996 where he developed and sustained solid business partnerships within the Automotive, Aerospace, Defense and Motorsport industries and where he commissioned 15 global facilities reaching more than 1 million square feet in combined space. He led many joint global partnership agreements including Wiring JV, Smart Wiring JV and Casting JV. He is recognized by the OEM industry for engineering and manufacturing expertise, creativity, sense of urgency, and speed to market....**Mr. Martin has been profiled publicly by CNN, ESPN, NBC, ABC, FOX, SPEEDVISION, USA Today and Automotive News and was a Speaker for over 75 Corporations** and more than 250 schools (70,000 students).....He is the winner of the Trailblazing Award of the AFMIM and acted as "Harold Martin" in the movie "Home Run Showdown."

This is a significant coup for dynaCERT having Mr. Harold Martin onboard. This has the potential to speed up and open up huge new global business opportunities for dynaCERT. Just think for a moment, can you name anyone (except maybe Elon Musk) in the auto or emissions industry that have been asked to play themselves in a movie. Experience, wisdom, global connections. It's all there.

In other news, dynaCERT [announced](#) major carbon credit advancements with Verra. Verra develops and manages standards that help the private sector, countries, and civil society achieve ambitious sustainable development and climate action goals. The release [stated](#): "Verra, which manages the world's largest greenhouse gas program, the Verified Carbon Standard, has approved the concept note of *dynaCERT* that is designed to

secure Carbon Credits by deploying *dynaCERT's* patented HydraGEN™ Technology and HydraLytica™ Telematics on a global basis." Verra approved the concept note designed to create *dynaCERT's* new Verified Carbon Standard (VCS) Methodology under Verra's VCS Program.

Closing remarks

dynaCERT continues to expand their connections, collaborations, and their reputation. The recent move to have motor industry expert Mr. Harold Martin join the advisory team is likely to lead to significant steps forward in regards to improved technology and perhaps building up new OEM client relationships. dynaCERT is already making inroads into the diesel truck and freight industry as I discussed previously [here](#).

dynaCERT's emissions reduction technology for diesel engines (HydraGEN™) and their software as a service (HydraLytica™) to monitor performance (emission reductions and improved fuel efficiency) are both steadily gaining industry acceptance and market share.

dynaCERT trades on a market cap of C\$184M and looks poised to continue their expansion in 2021.

Adding dynaCERT to Your CleanTech Portfolio

written by InvestorNews | May 30, 2023

After spending 16 years and over \$60 million to develop its CleanTech technology, [dynaCERT Inc.](#) (TSX: DYA | OTCQX: DYFSF |

FSE: DMJ) hit major milestones in 2020, with the potential for an even better 2021.

As part of the growing global hydrogen economy, dynaCERT manufactures and distributes Carbon Emission Reduction Technology (CERT) for use with diesel engines.

Its flagship product, HydraGEN™, uses a patented process to generate hydrogen and oxygen on-demand, through an electrolysis system and supply the gases through the air intake to enhance combustion, reduce pollution emissions (by up to 50%), and improve fuel efficiency (by up to 19%).

dynaCERT estimates that a unit will pay for itself in fuel savings in about a year.

Key 2020 milestones included:

- In May, dynaCERT [received](#) a purchase order for **3,000 HydraGEN™ units** from KarbonKleen Inc. and signed KarbonKleen as a dynaCERT's Preferred Service Provider, covering the trucking market in the United States.
- In August, dynaCERT [signed](#) a Dealer Agreement with Sparta Group's (TSXV: SAY) affiliate TruckSuite Canada Ltd. and **received an order for 150 HydraGEN™ units** from TruckSuite.
- In June, the Company [closed](#) an **C\$8.4 million stock offering** and, as of its latest financials, had \$16.2 million in cash.
- In July, dynaCERT [reopened](#) an updated Assembly Plant in Toronto, Ontario, Canada that was retrofitted with a **new semi-automated assembly system that can assemble up to 6,000 units per month, representing potential sales of almost \$445 million per year at full capacity.**
- The city of Woodstock, Ontario, Canada [signed](#) a deal with dynaCERT to equip Woodstock's diesel-powered vehicles with

HydraGEN™ Technology. Woodstock is the first major North American city to sign an agreement with dynaCERT.

- dynaCERT also [established](#) a 100%-owned subsidiary called dynaCERT International Strategic Holdings Inc. (“DISH”) that will be used to strategically invest in CleanTech companies directly involved with dynaCERT’s solutions, including funding a monthly subscription option to facilitate sales of HydraGEN™ units.
- dynaCERT also [launched](#) its freight management software, HydraLytics™, as a new stand-alone offering into the FreightTech industry. The Company’s PaaS (Platform as a Service) solution aggregates vehicle data to create actionable intelligence and presents the information in an easy to use interface.
- In order to broaden the company’s appeal to a larger shareholder base, including institutional shareholders, dynaCERT [graduated](#) its stock listing to the TSX from the TSX Venture Exchange and, in the United States, graduated to the OTCQX Best Market.

Diesel Engine Market

The diesel engine market is massive – an estimated 1 billion diesel engines operate around the world.

dynaCERT’s technology works with many types of diesel engines used in various industries including construction, forestry, mining, power generation, and transportation (trucks, marine, railroad), to name a few.

dynaCERT has over 45 dealers around the world selling its HydraGEN™ technology to truck owners, commercial fleets, and governments that use diesel engines.

Even with the advent of electronic and hydrogen vehicles, it is

estimated diesel engines will still dominate the commercial vehicle market due to factors such as durability, reliability, and low-cost operation. According to [a report by IHS Markit](#), by 2040, 60% of new medium and heavy commercial vehicles sold in the United States will still be fueled by diesel.

Environmental Pressures

After the coronavirus pandemic passes and with president-elect Biden campaigning on a pro-environment platform, greater air pollution restrictions are likely to be enacted in 2021.

Reductions in carbon dioxide (CO₂), nitrogen oxides (NO_x), and particulate matter (PM) are keys to cleaner diesel engines and dynaCERT's technology can help lower these toxic emissions.

Two Hundred Million Dollar Market Cap – Billion Dollar Opportunity

In November 2019, famous Canadian mining investor [Eric Sprott](#) made his first significant CleanTech investment by investing \$14 million in dynaCERT.

With a market cap of only C\$205 million and the current billion-dollar size of the market, there is still plenty of upside for dynaCERT's stock price. The analyst's estimate target price is C\$2.20, which represents a potential return of over 300%.



[Source:](#)

dynaCERT expands into the FreightTech industry with new software offering

written by InvestorNews | May 30, 2023

Decision to enter the FreightTech industry seen as an “evolution of services that fit very naturally with dynaCERT”

[dynaCERT Inc.](#) (TSX: DYA | OTCQX: DYFSF | FRA: DMJ) is best known for their Carbon Emission Reduction Technology (CERT) for use with diesel engines. Their flagship product is HydraGEN™, an electrolysis unit that produces H2 and O2 gases to optimize the diesel fuel burn, resulting in a [6-19%](#) increase in fuel economy and a [50%+ reduction](#) in emissions.

With most fleet and logistics companies now using software to monitor their fleet’s activities and performance, dynaCERT has [added a new service](#) option called HydraLytics™ to its proprietary suite of FreightTech software applications. The company sees this as a supplementary evolution of services that fit very naturally with *dynaCERT*’s fuel-saving and emission-saving know-how. HydraLytics™ not only monitors the standard variables but offers much more, especially in relation to fuel economy, driver performance, and greenhouse gas emissions monitoring. The new FreightTech solution reports the data in a simple and understandable mobile application, and provides recommendations for important fleet optimization such as fleet management, route planning, driver safety, and load management.

HydraLytics™ Telematics system is a win-win for both fleet operators and dynaCERT

dynaCERT’s HydraLytics™ measures fuel savings in real time.

While it is designed to work with dynaCERT's HydraGEN™, it will be available to all potential customers and not restricted to just HydraGEN™ users. In an [announcement](#) this week dynaCERT explains how, in combination with dynaCERT's software developer Corsario Ltd. and its marketing arm GP LogiX Inc., it plans to greatly expand the scope of applications to respond to the growing industry needs of logistics companies, and the broader trucking management software ecosystem.

The new addition of HydraLytics™ is a big plus for fleet operators. It means they can better monitor more variables, especially those in relation to fuel efficiency and emissions. It is also a big win for dynaCERT, as HydraLytics™ users can see for themselves the value proposition of dynaCERT's products such as HydraGEN™. It also means a subscription service revenue stream for dynaCERT.



[Source](#)

Usually the biggest expense for fleet operators is fuel and labor. dynaCERT's HydraLytics™ allows operators to better monitor both fleet fuel efficiency and driver performance. Monitoring can be done live with real time data on either a PC or smartphone.

"The delivery of our solution is through a managed service, where, not only is the raw data available to the user, but the software monitors industry-based Key Performance Indicators comparing real time data streams to industry averages and reporting areas of deficiency", says dynaCERT. "Our FreightTech solution reports the data in an easy to use and easy to understand mobile application as well as providing recommendations on numerous matters such as fleet management, route planning, driver safety, and load management."

Marketing of HydraLytica™ by GP LogiX Inc. is already gaining traction with a number of companies already utilizing the software platform. These include Day & Ross, Ottaway Motor Carriers, Drisco Carriers (based in the USA) and Stevens Brothers Trucking (based in the USA).

Several new deals for HydraGEN™

In the past two months dynaCERT has continued to successfully commercialize their HydraGEN™ technology. This includes:

- September 8, 2020 – A deal [to equip diesel powered vehicles of the City of Woodstock](#) (Ontario) with Carbon Emission Reduction Technology.
- August 31, 2020 – [A JV with Alltrucks GmbH & Co. KG.](#) Alltrucks intends to introduce and promote marketing, installation and servicing of dynaCERT's HydraGEN™ product line to the established network of Alltrucks. Alltrucks offers a Pan-European workshop concept for maintaining and repairing commercial vehicles of all types and brands. Alltrucks has one of the largest workshop networks in Europe with 700 workshops in 12 countries.
- August 20, 2020 – dynaCERT [receives purchase order](#) to complement COVID-19 safety package for trucking industry.

dynaCERT also continues to commercialize their products with [25+ dealers globally](#), and is currently [improving and expanding](#) their manufacturing facility to triple capacity.

dynaCERT's global business model



[Source](#)

With about one billion diesel engines on the road, dynaCERT continues to evolve and grow new products that are both

effective and in demand for the diesel trucking industry as it moves forward into a greener and more energy efficient future.