

# **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

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# **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 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 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.

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# **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

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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 (H<sub>2</sub>) and oxygen (O<sub>2</sub>) 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.

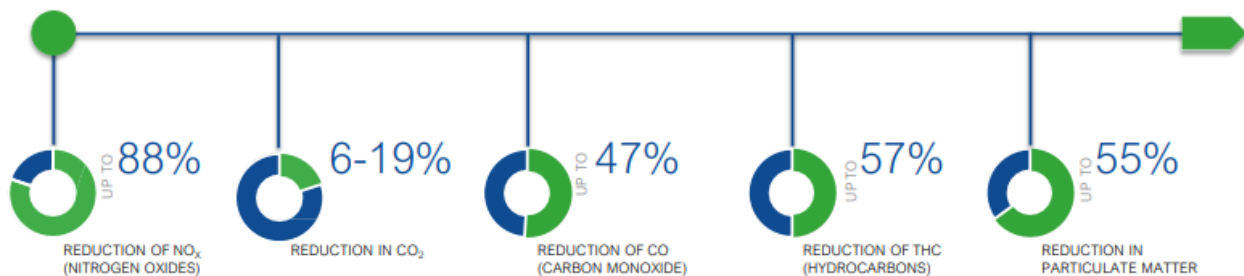
**HydraGEN™ emissions benefits**

# 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.



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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.

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

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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.

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**Jean-Pierre                      Colin                      on  
dynaCERT's   strategic alliance**

# with MOSOLF, one of the largest trucks servicing companies in Europe

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“Excellent news coming out of Europe. We have a certification and homologation in Europe – in Germany. Took us two years to get that. We announced that a few months ago. Now we have announced that we have a strategic alliance with MOSOLF. They are one of the largest trucks servicing companies in Europe. Very credible, very related. They have agreed to purchase a thousand units right off the bat, represent us in five countries in the European Union.” States Jean-Pierre Colin, Director at [dynaCERT Inc.](#) (TSXV: DYA | OTCQB: DYFSF), in an interview with InvestorIntel’s Tracy Weslosky.

Jean went on to say that dynaCERT’s patented technology underwent rigorous testing and validations in Germany. Some of the best experts in diesel engine technology in Germany carried out four different tests on dynaCERT’s technology which validated that the technology helps reduce fuel consumption in diesel engines by up to 20% and also reduces carbon emission by a significant amount. Jean further added that dynaCERT has received numerous awards for its Carbon Emission Reduction Technology. The company has received a German innovation award. dynaCERT has also penetrated the mining industry with its emissions reduction technology and has received an award in Colorado from the mining industry. Jean also spoke on dynaCERT’s HydraLytics™ telematics system. He said that the system can prove by each individual diesel engine the fuel-saving and carbon emission reduction. The company is applying to have its emission-reduction technology certified as a Carbon Credit

creator for diesel engines.

To access the complete interview, [click here](#)

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