

Note on research as a "minor non-monetary benefit" according to the MiFID II regulation: This research meets the requirements for being classified as a "minor non-monetary benefit". For more information, see the disclosure under "I. Research under MiFID II"

18/12/2019 – GBC Management Interview with Jim Payne, CEO of dynaCERT

Company: dynaCERT inc. *5a,5b,11

ISIN: CA26780A1084

Analyst: Matthias Greiffenberger, Julien Desrosiers

Date (time) of completion of English version: 18/12/2019 (09:45 am)

Date (time) of first distribution of English version: 18/12/2019 (12:00 am)

*Catalog of potential conflicts of interest on page 5

dynaCERT Inc. manufactures and distributes Carbon Emission Reduction Technology for use with internal combustion engines. As part of the growing global hydrogen economy, their patented technology creates hydrogen and oxygen ondemand through a unique electrolysis system and supplies these gases through the air intake to enhance combustion, resulting in lower carbon emissions and greater fuel efficiency. The 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 rail-road locomotives.

GBC AG: dynaCERT published important press releases in the past weeks. Can you tell us a little more about the recent developments?

Jim Payne: All the recent Press Releases point to our successful launching of our marketing expansion for the first Quarter of 2020. In Europe, we were all waiting for two years for KBA Homologation, but it has been well-worth the wait. Results have been spectacular.

Now that we have the ABE from KBA, we have turned the corner and there is no going back. We are now poised to developing expanded sales support in 2020 and that means in many jurisdictions globally, and especially in Europe, North America and Mexico. And the timing is perfect. Every Nation in the world is looking for economically feasible ways to reduce pollution, and we have a solution that applies to all diesel engines globally.

All this is a big job and requires many resources. We are now very well-capitalized to implement our international sales and marketing program.

GBC AG: How will the partnership with Mosolf affect your sales strategy in Europe?

Jim Payne: Mosolf has great capabilities and is committed to penetrating many European markets.

In trucking Mosolf is featuring our HydraGEN™ Technology in showrooms across Germany and will be in France, Belgium, Poland a Czech Republic soon. Mosolf is also introducing our technology to shipping on the Rhine and the Mediterranean in 2020, with Municipalities and Governments as well.



What is remarkable about Mosolf is that they understand their markets particularly well and they embrace the importance of the need across Europe for solutions to carbon pollution.

GBC AG: Can we expect Mosolf to publish their results anytime next year?

Jim Payne: I am sure that Mosolf is going to want to reap the benefits of early adoption in Europe, as so many others are also indicating. They are among the very first to ever introduce our technology in Europe and they deserve to share in all the kudos that comes with publishing their own results. As they are a private firm, dynaCERT cannot predict when nor how their results will be released.

GBC AG: Your recent development has been focused on Europe but you are also pursuing other markets in parallel. How is the Mexican operation going? And India?

Jim Payne: In Mexico, our preferred service provider, KarbonKleen, has been extremely successful recently. Mexico is a huge market for our particular pollution solutions and their diesel operators and drivers truly appreciate what our product can do.

KarbonKleen's clients in Mexico operate approximately 1 Million trucks. As they successfully reach out to their clients, I believe it can develop into a line-up of orders if we do our job right. That is why we are in negotiations to look at the feasibility of adding an assembly plant for assembling our HydraGEN™ Technology in Mexico to accommodate their needs one day. KarbonKleen has delivered on all fronts and continues to march in more clients every week that are adopting our technology.

In India we were invited to meet with top government officials over the Christmas Holidays and have postponed this possibly in January. The market in India understand the necessity of reducing diesel pollution, particularly in cities such as Mumbai and Delhi, but also in every corner of the country.

GBC AG: Did you already started delivering products? How are your client's reaction to the use of HydraGen? What comments are you receiving from the end users?

Jim Payne: Yes, we are delivering products daily.

We have delivered our first major order to Germany, along with shipping orders to USA, Mexico, Canada, Austria and India, Dubai, Saudi Arabia, Chile and Brazil.

Our products can deliver up to 19% fuel savings and up to 88% NOx reductions as well as up to 50% CO2 emission reductions. This is so important to not only our clients and end-users of our HydraGEN™ Technology but also for their customers. Everyone in the world wants fuel savings and cleaner air. That's what we do!

We have announced an MOU in Germany for 1000 Units and started shipping there already.

Previously we also announced sales of 400 Units through KarbonKleen, 150 of which have been delivered and destined to be installed in Mexico. Some of these are also installed on major trucking fleets in Canada.



GBC AG: In the recent weeks you added two great investors, Eric Sprott and Dr. Jörg Mosolf. How important is it for you to get the backing of such individuals on both continents?

Jim Payne: Our investors and shareholders are who we work for at dynaCERT. To see such commitment and support from our key investors is very encouraging. Moreover, as we grow in 2020, we all realize that we will need very strong partners for our lofty goals of international expansion. So, we welcome both Mr. Sprott and Dr. Mosolf with open arms. Dr. Mosolf has also recently been appointed to our Advisory Board, so that speaks for itself. It means significant mutual respect on all sides and collaboration on sales and after-sales support.

GBC AG: What are the next steps for dynaCERT?

Jim Payne: There is one key element going into the first half of 2020: Investors want to see evidence of sales and distribution. That is our first focus. We know it is important to the financial markets, but it's also key to building an international company like ours. We know what investors want and we are listening to them. We have moved on from an R&D business to a fully commercialized international company.

In that regard, we are adding new dealers in many jurisdictions to expand our broad reach in Europe as well as on many continents. As well, our marketing support and targeted advertising is intensifying in Q1 2020. Our product literature has been translated in numerous languages and we have dealers coming in with orders in mining internationally.

GBC AG: Finally, could you expand on the carbon credit computation technology and more specifically what kind of an opportunity it represents for dynaCERT?

Jim Payne: Our proprietary new HydraLytica™ Technology, along with our recent family of patents related to telematics and our Smart ECU, can now measure the carbon savings and NOx savings, along with other reductions of greenhouse gasses, of diesel engines. It can do so with the accuracy and reliability that certifiers of Carbon Credits will require. A typical Class 8 truck in North America can generate over \$1,500 of carbon credits at today's price of \$60 per tonne. Imagine the opportunity when just hundreds of thousands of trucks are driving around the world. That is why we are committing resources to what we believe is imperative to the fight against climate change.

GBC AG: What is your vision regarding dynaCERT for the next 3 to 5 years?

Jim Payne: International growth in many vertical markets. There are over 1 Billion diesel engines in use throughout the world. Think of our company as having a large matrix of markets to be served: Trucking, Generators, Mining, Shipping, Rail and Construction Equipment. All these markets operate in many jurisdictions, so each market application in each jurisdiction, each country, globally, is a vertical forming part of a matrix. On top of all that, we are working on developing our Carbon Credits programme. We will be cooperating world-wide with small and large operators, governments and OEM manufacturers...One diesel engine at a time!

To accomplish all this, we will be signing-up leaders and partners. For instance, we are looking at assembling in Mexico, Europe and one day in Asia, in all cases, with some sort of cooperation with industry leaders.

But most of all, while our technology has been applied to larger and larger diesel engines, we are also looking at other fuels and other applications of our hydrogen-on-



demand. The scientific capabilities are multiple, and if you ask me about 5 years from now, I wouldn't be surprised to see our HydraGEN $^{\text{\tiny TM}}$ Technology expanding into other fuels as we continue to learn and commit to R&D in HydraGEN $^{\text{\tiny TM}}$ Technology injection systems.

GBC: Mr. Payne, thank you for your time.



ANNEX

I.

Research under MiFID II

- 1. There is a contract between the research company GBC AG and the issuer regarding the independent preparation and publication of this research report on the issuer. GBC AG is remunerated for this by the issuer.
- 2. The research report is simultaneously made available to all interested investment services companies.

II.

Section 1 Disclaimer and exclusion of liability

This document is intended solely for information purposes. All data and information in this study come from sources that GBC regards as reliable. In addition, the authors have taken every care to ensure that the facts and opinions presented here are appropriate and accurate. Nevertheless, no guarantee or liability can be accepted for their correctness – whether explicitly or implicitly, In addition, all information may be incomplete or summarised. Neither GBC nor the individual authors accept liability for any damage which may arise as the result of using this document or its contents, or in any other way in this connection.

We would also point out that this document does not constitute an invitation to subscribe to nor to purchase any securities and must not be interpreted in this way. Nor may it nor any part of it be used as the basis for a binding contract of any kind whatsoever. or be cited as a reliable source in this context. Any decision relating to the probable offer for sale of securities for the company or companies discussed in this publication should be taken solely on the basis of information in the prospectuses or offer documents which are issued in relation to any such offer.

GBC does not provide any guarantee that the indicated returns or stated target prices will be achieved. Changes to the relevant assumptions on which this document is based can have a material impact on the targeted returns. Income from investments is subject to fluctuations. Investment decisions should always be made with the assistance of an investment advisor. This document cannot replace the role of an advisor.

Sale outside the Federal Republic of Germany:

This publication, if sold in the UK, may only be made available to those persons who, in the meaning of the Financial Services Act 1986 are authorised and exempt, or persons as defined in section 9 (3) of the Financial Services Act 1986 (Investment Advertisement) (Exemptions) Decree 1988 (amended version) and must not be transmitted directly or indirectly to other persons or groups of persons.

Neither this document nor any copy of it may be taken into, transferred to or distributed within the United States of America or its territories and possessions. The distribution of this document in Canada, Japan or other jurisdictions may be restricted by law, and persons who come into possession of this publication should find out about any such restrictions and respect them. Any failure to respect these restrictions may represent a breach of the US, Canadian or Japanese securities laws or laws governing another jurisdiction.

By accepting this document you accept all disclaimers of liability and the restrictions cited above.

You can find the details of this disclaimer/exclusion of liability at: http://www.qbc-aq.de/de/Disclaimer

<u>Legal information and disclosures as required by section 85 of Securities Trading Act (WpHG) and Financial Analysis Directive (FinAnV)</u>

This information can also be found on the internet at the following address:

http://www.gbc-ag.de/de/Offenlegung

Section 2 (I) Updates

A detailed update of the present analysis/analyses at any fixed date has not been planned at the current time. GBC AG reserves the right to update the analysis without prior notice.

Section 2 (II) Recommendation/ Classifications/ Rating

Since 1/7/2006 GBC AG has used a 3-level absolute share rating system. Since 1/7/2007 these ratings relate to a time horizon of a minimum of 6 to a maximum of 18 months. Previously the ratings related to a time horizon of up to 12 months. When the analysis is published, the investment recommendations are defined based on the categories described below, including reference to the expected returns. Temporary price fluctuations outside of these ranges do not automatically lead to a change in classification, but can result in a revision of the original recommendation.



The recommendations/ classifications/ ratings are linked to the following expectations:

BUY	The expected return, based on the derived target price, incl. dividend payments within the relevant time horizon is >= + 10%.
HOLD	The expected return, based on the derived target price, incl. dividend payments within the relevant time horizon is > - 10% and < + 10%.
SELL	The expected return, based on the calculated target price, incl. dividend payments within the relevant time horizon, is <= - 10%.

GBC AG's target prices are determined using the fair value per share, derived using generally recognised and widely used methods of fundamental analysis, such as the DCF process, peer-group benchmarking and/or the sum-of-the-parts process. This is done by including fundamental factors such as e.g. share splits, capital reductions, capital increases, M&A activities, share buybacks, etc.

Section 2 (III) Past recommendations

Past recommendations by GBC on the current analysis/analyses can be found on the internet at the following address: http://www.gbc-aq.de/de/Offenlegung

Section 2 (IV) Information basis

For the creation of the present analysis/analyses publicly available information was used about the issuer(s) (where available, the last three published annual and quarterly reports, ad hoc announcements, press releases, share prospectuses, company presentations, etc.) which GBC believes to be reliable. In addition, discussions were held with the management of the company/companies involved, for the creation of this analysis/these analyses, in order to review in more detail the information relating to business trends.

Section 2 (V) 1, Conflicts of interest as defined in section 85 of the Securities Trading Act (WpHG)

GBC AG and the analysts concerned hereby declare that the following potential conflicts of interest exist for the company/companies described, at the time of this publication, and in so doing meet the requirements of section 85 of the Securities Trading Act (WpHG). A detailed explanation of potential conflicts of interest is also listed in the catalogue of potential conflicts of interest under section 2 (V) 2.

In relation to the security or financial instrument discussed in this analysis the following possible conflict of interest exists: (5a,5b,11)

section 2 (V) 2, Catalogue of potential conflicts of interest

- (1) At the time of publication, GBC AG or a legal entity affiliated with it holds shares or other financial instruments in the company analysed or the financial instrument or financial product analysed. (2) This company holds over 3% of the shares in GBC AG or a legal person connected to them.
- (3) GBC AG or a legal person connected to them is a market maker or designated sponsor for the financial instruments of this company.
- (4) GBC AG or a legal person connected to them has, over the previous 12 months, organised or played a leading role in the public issue of financial instruments for this company.
- (5) a) GBC AG or a legal entity affiliated with it has concluded an agreement with this company or issuer of the analysed financial instrument in the previous 12 months on the preparation of research reports for a fee. Under this agreement, the draft financial analysis (excluding the valuation section) was made available to the issuer prior to publication.
- (5) b) After receiving valid amendments by the analysed company or issuer, the draft of this analysis was changed.
- (6) a) GBC AG or a legal entity affiliated with it has concluded an agreement with a third party in the previous 12 months on the preparation of research reports on this company or financial instrument for a fee. Under this agreement, the third party and/or company and/or issuer of the financial instrument has been given access to the draft analysis (excluding the valuation section) prior to publication.
- (6) b) After receiving valid amendments by the third party or issuer, the draft of this analysis was changed.
- (7) The analyst responsible for this report holds shares or other financial instruments of this company at the time of publication.
- (8) The analyst responsible for this company is a member of the company's Executive Board or Supervisory Board.
- (9) The analyst responsible for this report received or purchased shares in the company analysed by said analyst, prior to the time of publication.
- (10) GBC or a related legal party has closed an agreement with the underlying company regarding consulting services during the previous 12 months.



- (11) GBC or a related legal party has a significant financial interest in the analysed company, for example to get mandated by the analysed company or to provide any kind of services (such as the organization of fairs, roundtables, road shows, etc.).
- (12) At the time of the financial analysis, the analysed company is in a financial instrument or financial product (e.g. certificate, fund, etc.) managed or advised by GBC AG or its affiliated legal entity.

Section 2 (V) 3, Compliance

GBC has defined internal regulatory measures in order to prevent potential conflicts of interest arising or, where they do exist, to declare them publicly. Responsibility for the enforcement of these regulations rests with the current Compliance Officer, Kristina Bauer, Email: bauer@gbc-ag.de

Section 2 (VI) Responsibility for report

The company responsible for the creation of this/these analysis/analyses is GBC AG, with registered office in Augsburg, which is registered as a research institute with the responsible supervisory authority (Federal Financial Supervisory Authority or BaFin Marie-Curie-Str. 24-28, 60439 Frankfurt, Germany).

GBC AG is currently represented by its board members Manuel Hölzle (Chairman) and Jörg Grunwald.

The analysts responsible for this analysis are:

Matthias Greiffenberger, M.Sc., M.A., Financial Analyst
Julien Desrosiers, Financial Analyst

Section 3 Copyright

This document is protected by copyright. It is made available to you solely for your information and may not be reproduced or distributed to any other person. Any use of this document outside the limits of copyright law shall, in principle, require the consent of GBC or of the relevant company, should the rights of usage and publication have been transferred.

GBC AG Halderstraße 27 D 86150 Augsburg Tel,: 0821/24 11 33-0 Fax,: 0821/24 11 33-30 Internet: http://www.gbc-ag,de

E-Mail: compliance@gbc-ag.de