

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 17, 2022

THE CORETEC GROUP INC.

(Exact name of registrant as specified in its charter)

Oklahoma

(State or other jurisdiction
of incorporation or organization)

000-54697

(Commission
File Number)

73-1479206

IRS Employer
Identification No.)

600 S. Wagner Rd., Ann Arbor, MI

(Address of Principal Executive Offices)

48103

(Zip Code)

(866)916-0833

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
N/A	N/A	N/A

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter)

Emerging Growth Company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01 Regulation FD Disclosure.

On August 17, 2022, The Coretec Group Inc. (the “Company”) held a conference call with shareholders of the Company (the “Shareholder Call”). A transcript of the Shareholder Call has been made available on the Company’s website: <https://thecoretecgroup.com>. A copy of the transcript is attached hereto as Exhibit 99.1.

On August 24, 2022, the Company issued a press release announcing it released the transcript of the Shareholder Call. A copy of the press release is attached hereto as Exhibit 99.2.

The information in this Item 7.01 disclosure, including Exhibit 99.1, is being furnished and shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities under that Section. In addition, the information in this Item 7.01 disclosure, including Exhibits 99.1, shall not be incorporated by reference into the filings of the Company under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
99.1	Transcript of Shareholder Call on August 17, 2022
99.2	Press Release dated August 24, 2022
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: August 24, 2022

The Coretec Group Inc.

By: /s/ Matthew J. Kappers
Name: Matthew J. Kappers
Position: Chief Executive Officer



The Coretec Group, Inc.

Second Quarter 2022 Shareholder Call

August 17, 2022

CORPORATE PARTICIPANTS

Matthew Kappers, *Chief Executive Officer*

Dr. Michelle Tokarz, *Vice President of Partnerships and Innovation*

Matthew Hoffman, *Chief Financial Officer*

PRESENTATION

Operator

Welcome to The Coretec Group Shareholder Call Second Quarter 2022.

My name is Irene and I will be the coordinator of today's event.

I would now like to turn the conference call over to Matt Kappers, CEO of the Company. Matt, please go ahead.

Matthew Kappers

Great. Thank you, Irene.

Good morning and welcome to The Coretec Group's Shareholder Call.

I'm Matt Kappers, the Chief Executive Officer of The Coretec Group. With me are Matt Hoffman, our Chief Financial Officer, and Dr. Michelle Tokarz, our Vice President of Partnerships and Innovation.

Today's call will be primarily focused on Endurion, our battery development project. We will give you more background on Endurion and its underlying technology. We will also give you an update on CSpace, our sponsored research project, and government funding opportunities.

Thank you to everyone who submitted questions. As we go through the call today, our presentation will answer your questions to the extent that we are able. We have to be very careful about protecting our trade secrets.

As we discussed on previous calls, electric vehicles, clean tech, and energy storage are in the forefront of today's technological advancements. We strive to become a significant player in the EV and clean tech industry, and due to our proprietary technology and the strength of our location in Ann Arbor, we are well-positioned to do so.

Yesterday, President Biden signed into law the Inflation Reduction Act, which emphasized the country's commitment to EVs and clean tech. This signing cannot be underemphasized. It is the right time, right place for renewables, clean technologies, especially within the exploding EV sector.

ViaVid has made considerable efforts to provide an accurate transcription. There may be material errors, omissions, or inaccuracies in the reporting of the substance of the conference call. This transcript is being made available for information purposes only.
1-888-562-0262 1-604-929-1352 www.viavid.com

First, it's important to understand our silicon anode and how Endurion is different from other battery developments. Dr. Michelle Tokarz will give us an explanation. First, a little background on Michelle; Michelle has a Bachelor's degree in Chemistry and a Ph.D. in Material Science, both from the University of Michigan. Michelle has nearly 20 years of experience commercializing technologies, starting with the University of Michigan's spin-out, based on her doctoral work that received both Phase I and Phase II STTR funding from the National Science Foundation.

Her work has included several successful collaborations with university professors, medical doctors, graduate students, incubators, and accelerators. We're thrilled to have Michelle on our team. She's the perfect blend of science and business. She has the chemistry and science knowledge as well as the business acumen to apply it. The running joke in our group is that she always says, "Wow, that's a great technology, but what's the value proposition?" Thankfully, Michelle keeps us in line with our goals.

Even though we have IP protection, we have to be careful not to disclose too much. With that in mind, Michelle, please give us the highlights of our Endurion technology.

Dr. Michelle Tokarz

Thanks, Matt.

I am excited to be an integral part of the Endurion project with The Coretec Group. With Dr. Elgammal's knowledge of the battery industry and vision for Endurion, combined with Dr. Downes' innovative abilities and hands-on wet chemistry skills, I have no doubt we will be able to demonstrate the unique value we intend to bring to silicon-based anodes in lithium-ion batteries using our bottom-up chemistry approach, with the creation of silicon-based nanoparticles with an engineered solid electrolyte interface, or SEI-layer, to address capacity, charge times and cycle life.

First, I want to explain the role of cyclohexasilane, CHS, as the genesis of the Endurion project. To begin, our team at The Coretec Group are experts in engineering silicon, and our work with CHS and other silanes are the starting ingredients for our silicon anodes. As we continued to refine the CHS manufacturing process for scale and work with similar molecules, it was a logical extension to apply our expertise to develop a silicon anode in-house in order to demonstrate firsthand the enhanced properties we are capable of with our materials.

Most of the industry are already addressing the known expansion issues with silicon via what are known as silicon nanostructures; for example, silicon thin-films, nanowires or nanoparticles. While many of these materials are created with vapor deposition processes or mechanical ball milling methods, we are utilizing a proprietary bottom-up chemical synthesis approach. It is precisely this approach that makes us unique. We intend to show the ability to build up customizable silicon-based nanoparticles that are not currently possible with current methods. In other words, we are creating silicon nanoparticles from scratch, rather than mechanically breaking down large silicon particles.

To use a cooking example, you can make cracker crumbs by smashing up saltines. We're making cracker crumbs by baking individual tiny crackers to exact specifications. By customizing silicon nanoparticles from the bottom-up chemistry, we are working to minimize the expansion and pulverization problems, as well as engineer around the SEI-layer issues. Further, smaller particles significantly increase the active surface area, which leads to greater battery performance, including specifically, faster charger times.

We are currently creating these nanoparticles derived from cyclohexasilane and similar molecules in our wet labs. While we optimize this wet chemistry process, we plan to concurrently utilize standard battery half-cell testing results to inform us of necessary modifications to the creation of these nanoparticles. We expect this to be an iterative process whereby the nature of the nanoparticles is continually optimized until we've demonstrated a battery half-cell that affirms that our wet chemistry approach is valid and worthy of further optimization in conjunction with an appropriate anode and/or battery manufacturer.

ViaVid has made considerable efforts to provide an accurate transcription. There may be material errors, omissions, or inaccuracies in the reporting of the substance of the conference call. This transcript is being made available for information purposes only.
1-888-562-0262 1-604-929-1352 www.viavid.com

Every member of The Coretec Group is bringing their own unique skill set to the Endurion project, and I have every confidence that we'll be able to substantially contribute to enhanced cycle life of silicon-based anodes with our approach.

Matthew Kappers

Thanks, Michelle.

As you can tell, she's in tune with the industry and nanotechnology. She's a rising star in her field. She was recently interviewed by TriplePundit, and you can find her article on our website.

We are making great progress with Endurion. Again without saying too much, we have created materials that have been and will be tested. As Michelle said, this development is an iterative process where we develop materials, we'll refine the chemistry, test, make improvements, and test again. This process will continue until we reach what we call a minimal viable product.

Along with our in-house work, we have a research project with the French Alternative Energy and Atomic Commission, also known as CEA. We've recently received a preliminary status report. Our collaboration with Professor Pascale Chenevier has led to some exciting developments regarding CHS' potential for silicon anodes. CEA has used several xylene-based materials including CHS in testing. CHS has demonstrated the lowest deposition temperatures that they have observed to-date, and CHS-based deposition showed the highest yields of silicon nanomaterials, which is particularly important in silicon nanos.

In addition, when using CHS as a silicon source, the unique hybrid composite materials, consisting of nanowires, and nanoflakes, were shown. This research indicates that CHS has low temperature deposition and high silicon yields in nanomaterials. We are conferring with CEA as the research continues and will issue a press release regarding this project as information becomes available.

Similar to our project at CEA, the Eindhoven research is focused on deposition rates of CHS at low temperatures. The data from their research will be helpful in our Endurion project development, as well as other industries like semiconductors. As we've mentioned before, the project was delayed by equipment breakdowns, as well as COVID. The project timeline was initially set for one year. However, due to these delays, that timeline has been extended. The Eindhoven team is continuing their work and we will keep you posted when we receive results.

Matt Hoffman, our CFO, is leading the effort to pursue governmental funding opportunities. Applying for government grants is a tedious and laborious process, and Matt's our guy. Organization and thoroughness are the keys to success in grant proposals, which fits well into Matt's skill set.

Matt, please give us an update on some of the recent legislation and future opportunities.

Matthew Hoffman

Thanks, Matt.

There are two avenues that we are pursuing for potential government research funding. The first is related to our Endurion project. As Michelle described, our approach in creating a better lithium-ion battery is based on a novel synthesis method of creating silicon quantum dots. We are currently gathering data on our active anode to create a compelling proposal for the impact and scalability of our invention.

ViaVid has made considerable efforts to provide an accurate transcription. There may be material errors, omissions, or inaccuracies in the reporting of the substance of the conference call. This transcript is being made available for information purposes only.
1-888-562-0262 1-604-929-1352 www.viavid.com

A great example of a funding opportunity that we are considering is America's Seed Fund powered by the National Science Foundation. This is an opportunity that we strongly meet the criteria for and have the bandwidth to pitch, execute, and well-manage. Combinations of Phase I and Phase II awards for this program can be up to \$2 million over a 36-month timeframe.

In addition, through the Infrastructure Investment and Jobs Act, the Department of Energy plans to provide nearly \$3 billion to programs designed to spur domestic production of advanced batteries for electric vehicles and energy storage. We are closely watching these developments.

The other avenue for research funding would be in the form of a partnership with a larger player, where we would utilize our technology, either Endurion for battery development or CHS for the semiconductor market. The recent passing of the CHIPS and Science Act specifically allocates \$39 billion over five years to expand domestic semiconductor manufacturing. We recognize that securing funding from this bill requires a partnership in the market. This is a great opportunity for The Coretec Group to advance discussions with domestic companies and capitalize on development funding to realize the value of CHS in the semiconductor market.

The opportunities that I've just mentioned are a few examples that align with our technologies and timing. We are actively monitoring the necessary channels for opportunities and will be aggressive in following and closing on a development revenue stream.

Matthew Kappers

Thanks, Matt.

As an update on the CSpace project, our partnership with the University of Adelaide is going very well. For background, the goal is to create an imaging chamber material that has high image quality, which is determined by brightness, contrast, and sharpness. Our partners at Adelaide are producing and comparing four different types of glasses for use in the image chamber. They're examining the brightness of each glass under a pulsed dual-infrared laser system.

As first proof of concept stuff, the Adelaide team fabricated four different, small scale, domed (phon) glasses, which can generate green image pixels using the laser system. According to their preliminary results, telluride glass is brighter than the reference glass, ZBLAN fluoride glass, while the other types of glasses are considerably dimmer. These results are very promising as telluride glass may be more easily scalable.

The research at Adelaide continues, and once Adelaide has more definitive results, they will be publishing a journal article, as well as making an academic presentation. We will certainly share this information with you as it becomes available.

We are building shareholder value. We are developing solutions to problems that the EV world is striving to solve. Our Endurion project is developing a battery with faster charging, longer life, higher energy density, and capacity for more charge, discharge cycles in its lifetime. These improvements are incredibly valuable. Battery development companies similar to Coretec are receiving strong valuations in the market. For example, it was recently announced that Amprius, a silicon anode developer, is merging with Kensington Capital at a valuation of \$939 million. Other deals include battery developers such as Microvast and QuantumScape. There is significant M&A activity in clean tech, especially with EV and energy storage.

ViaVid has made considerable efforts to provide an accurate transcription. There may be material errors, omissions, or inaccuracies in the reporting of the substance of the conference call. This transcript is being made available for information purposes only.
1-888-562-0262 1-604-929-1352 www.viavid.com

We are creating further value as we make progress with Endurion at CHS. New processes and intellectual property are being created. Not only does it create inherent business value, it provides us protection for our developments.

Looking ahead, our team will be at The Battery Show from September 14 through September 16. It is the premier conference for the energy storage industry as most of the major players will be there. We will be meeting with key suppliers and vendors. The educational seminars have a number of topics that are relevant to Endurion and our Tech team will be participating in them. All in all, The Battery Show is a great opportunity to stay on top of industry trends and innovations.

That same week, The Detroit Auto Show kicks off, and we will be attending. After these shows, we will be writing blog posts with our updates and observations, so please stay tuned with our social media channels.

To wrap up the call, I saw a quote from the late Steve Jobs. He said, “Great things in business are never done by one person. They’re done by a team of people.” Here at The Coretec Group, we are doing great things because we have a highly talented, diverse team of experts that are completely committed to Endurion, CSpace, CHS, and our goals.

Last week we had an all-hands planning meeting and the enthusiasm filled the room. We are highly energized about our future. Our Board of Directors, the Coretec team, research partners and stakeholders, we’re all pulling in the same direction. It’s an exciting time at The Coretec Group, and great things are on the horizon.

Please sign up for Company notifications on our Investor Relations site and follow us on social media channels. We look forward to providing you with regular updates on our progress. We appreciate your time and thank you.

Irene, that completes our call.

Operator

Thank you. Ladies and gentlemen, this concludes today’s conference call. Thank you for being with us today. Have a lovely day ahead. You may disconnect your lines.

ViaVid has made considerable efforts to provide an accurate transcription. There may be material errors, omissions, or inaccuracies in the reporting of the substance of the conference call. This transcript is being made available for information purposes only.
1-888-562-0262 1-604-929-1352 www.viaavid.com

The Coretec Group Releases August 2022 Shareholder Call Transcript

The Company provided shareholders with updates on its Endurion battery program and other notable 2022 milestones

ANN ARBOR, MI / BUSINESSWIRE / AUGUST 24, 2022 - The Coretec Group (OTCQB: CRTG), developers of silicon anode active materials for lithium-ion batteries and cyclohexasilane (CHS) for EV, cleantech, and emerging tech applications, today released the transcript from its August 17, 2022 shareholder call. The full call transcript can be found on the Company's Investor Relations Website.

On the call, CEO Matt Kappers, and other prominent Coretec leaders, detailed the latest updates to the Company's Endurion battery program, which was the primary focus of the call. Endurion is the development of a silicon anode for lithium-ion batteries, which will increase energy density, extend cycle life and improve charging time. These improvements are highly sought after by EV companies as well as other applications, and are expected to be even more in demand following the recent passage of the Inflation Reduction Act of 2022.

The call also outlined a preliminary report from the French Alternative Energy and Atomic Commission (CEA) on the status of its research partnership to test its CHS technology's potential to create silicon anodes and provided an update on the Company's C-Space research project with partner The University of Adelaide.

The call concluded with Matt Kappers urging all who were interested in receiving the latest Coretec updates to sign up for Company notifications on the Investor Relations Website and to follow the Company's social media channels.

About The Coretec Group

The Coretec Group, Inc. is developing a portfolio of engineered silicon to improve energy-focused verticals, including electric vehicle and consumer batteries, solid-state lighting (LEDs), and semiconductors, as well as 3D volumetric displays and printable electronics. The Coretec Group serves the global technology markets in energy, electronics, semiconductor, solar, health, environment, and security.

For more information, please visit thecoretecgroup.com.

Follow The Coretec Group on:

Twitter – [@CoretecGroupInc](https://twitter.com/CoretecGroupInc)

LinkedIn – www.linkedin.com/company/24789881

YouTube – www.youtube.com/channel/UC1IA9C6PoPd1G4M7B9QiZPQ/featured

Forward-Looking Statements

The statements in this press release that relate to The Coretec Group's expectations with regard to the future impact on the Company's results from operations are forward-looking statements and may involve risks and uncertainties, some of which are beyond our control. Such risks and uncertainties are described in greater detail in our filings with the U.S. Securities and Exchange Commission. Since the information in this press release may contain statements that involve risk and uncertainties and are subject to change at any time, the Company's actual results may differ materially from expected results. We make no commitment to disclose any subsequent revisions to forward-looking statements. This release does not constitute an offer to sell or a solicitation of offers to buy any securities of any entity.

Corporate Contact:

The Coretec Group, Inc.
Lindsay McCarthy
info@thecoretecgroup.com
+1 (866) 916-0833

Media Contact:

Spencer Herrmann
FischTank PR
coretec@fishtankpr.com
+1 (518) 669-6818