



Zinc8 Energy Solutions Announces Appointment of New Chief Financial Officer and Engages Blackland Energy Partners

VANCOUVER, BC, December 6, 2023 / Zinc8 Energy Solutions Inc. ("Zinc8" or the "Company") (CSE: ZAIR) (OTC PINK:ZAIRF) (FSE:0E9) is pleased to announce that Mr. Swapan Kakumanu will be joining the Company effective December 6, 2023, as CFO to replace Mr. Jason Birmingham in his role as interim CFO. The company is also pleased to announce the strategic collaboration with Blackland Energy Partners.

Mr. Swapan Kakumanu has more than 25 years of senior finance and operations experience and has served at the senior executive management levels, both in public and private companies, in high growth technology, manufacturing, blockchain, medical device, and oil field services industries. He has held senior roles as President, Chief Executive Officer, Chief Financial Officer, Controller, Company Secretary, and Board Member for public and private companies in the information technology and energy services sectors.

Mr. Kakumanu has extensive experience in public company reporting, investor relations, ERP implementations, mergers and acquisitions, internal controls, and overall financial and operations management. He is well versed in commercializing technologies and launching software (including SaaS) solutions and his experience spans manufacturing, distribution, oilfield services, healthcare technologies, and multi-jurisdictional operations.

The principal aim of the collaboration with Blackland Energy Partners is to drive the commercialization of Zinc8's patented products while concurrently enhancing the overall corporate structure. Blackland, renowned for its proficiency in corporate efficiency and energy storage solutions across North America, is well-positioned to assume a pivotal role in leading this strategic initiative for the Company. This agreement signifies a strategic alignment, merging the technological potential of Zaeras™ with the operational expertise and vision of Blackland and Zinc8. Together, they aim to achieve substantial progress in advancing and shaping the landscape of long-duration energy storage technologies.

The Blackland team has worked exclusively with some of the world's leading Photovoltaic and Wind Turbine providers. They have facilitated new and established manufacturing locations in North America, Europe and Asia on their behalf, providing installation, preventative maintenance, logistics, service & manufacturing support. Blackland provides end to end manufacturing solutions that can simplify Zinc8's operations, while streamlining communications both internally and to the market.

Dr. Simon Fan, Director of Zinc8, expressed optimism about the collaborative approach, stating, "We anticipate that this partnership will lay the groundwork for a streamlined path to achieve our short-term goals, fostering heightened market awareness and a more favorable financial outlook. This collective effort signifies a commitment to guiding Zinc8 toward a trajectory of growth, technological innovation, and strengthened market presence."

About Zinc8 Energy Solutions Inc.

At Zinc8 we specialize in providing scalable, environmentally friendly, long-lasting energy storage solutions. Our multi-patented Zaeras™ Flow Battery, technology uses zinc-air chemistry, to store and deliver electricity on demand, without the restrictions or environmental risks associated with today's market leaders.

About Zinc8's Zaeras™ Technology

Zinc8, utilizing its multi-patented Zaeras™ technology, whether deployed independently or as a facilitative technology, presents opportunities for achieving peak demand reduction, capitalizing on time-of-use arbitrage, engaging in value stacking programs, and entering the distributed long-duration energy storage domain. All of this aligns with the opportunity to achieve a notable decrease in carbon footprint.

Zaeras™ is unique in its inherent absence of fire or explosion hazards, sustained capacity preservation over its extensive lifecycle, and its versatility in independently managing charge and discharge operations. Similar to other Flow Battery technologies, Zaeras' energy storage capacity is solely dictated by the dimensions of the zinc storage tank. This characteristic yields a highly cost-effective and easily scalable solution, offering an alternative to the fixed power-to-energy ratio constraints, associated with lithium-ion batteries.

To learn more about Zinc8's technology, please visit: <https://zinc8energy.com>

Notice Regarding Forward Looking Statements

All statements and disclosures, other than those of historical fact, which address activities, events, outcomes, results or developments that Zinc8 Storage anticipates or expects may or will occur in the future (in whole or in part) should be considered forward-looking statements.

Forward looking statements in this press release include that Blackland will provide the services described herein, that the Company will realize the expected benefits from the agreement with Blackland, we may be able to continue as a going concern, that we can continue to develop a dependable low-cost zinc-air battery; that our mass storage system offers both environmental and efficiency benefits; that we can execute on our business plan as stated herein; and that we can help meet the needs for secure and reliable power. Zinc8 Energy Solutions believes the material factors, expectations and assumptions reflected in the forward-looking statements are reasonable at this time, but no assurance can be given that these factors, expectations and assumptions will prove to be correct. The forward-looking statements included in this news release are not guarantees of future performance. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking statements including, without limitation: that we will not be able to advance the Company's business plan towards commercialization of our technology, that we will not be able to secure funding in a timely manner and will not be able to continue operations; that the Company may be required to seek creditor protection, may initiate liquidation proceedings or other divestitures of its assets; the Company will not be able to pay its debts as they become due or at all; that shareholders may lose their entire investment; our Company will be able to continue as a going concern; that we will not be able to reduce operating expenditures as needed; that we may not be able to execute on our business plan as expected or at all; that Zinc8 may not qualify for, or even if it does qualify, will not receive, funding from government agencies; that our technology fails to work as expected or at all; that our technology proves to be too expensive to implement broadly; that customers do not adapt our products for being too complex, costly, or not fitting with their current products or plans; our competitors may offer better or cheaper solutions for battery storage; general economic, market and business conditions; increased costs and expenses; inability to retain qualified employees; our patents may not provide protection as expected and we may infringe on the patents of others; that Zinc8 may not open a manufacturing facility; and certain other risks detailed from time to time in Zinc8 Energy Solution's public disclosure documents including the Company's most recently filed Annual Information Form and Management Discussion and Analysis, copies of which are available on the Company's SEDAR profile at www.sedar.com. Readers are cautioned that the foregoing list of factors is not exhaustive and are cautioned not to place undue reliance on these forward-looking statements.

The forward-looking statements contained in this news release are made as of the date hereof and the Company undertakes no obligations to update publicly or revise any forward-looking statements, whether as a result of new information, future events or otherwise, unless so required by applicable securities laws.

Neither the CSE nor any Market Regulator (as that term is defined in the policies of the CSE) accepts responsibility for the adequacy or accuracy of this release.

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