

# Zinc8 Energy Solutions Announces Appointment to Board of Directors and Provides Corporate Update

VANCOUVER, BC, Oct. 10, 2023 /CNW/ - Zinc8 Energy Solutions Inc. ("Zinc8" or the "Company") (CSE: ZAIR) (OTC: ZAIRF) (FSE: 0E9) would like to provide certain updates regarding changes to its management and board of directors, regarding the Company's operations and financial position and regarding its previously announced proposed private placement.

Zinc8 is pleased to announce that Dr. Simon Fan has joined the Company's Board of Directors. Dr. Fan has been vital to the development of Zinc8's *proprietary technology and the addition of his technical knowledge and long-tenure with the Company will strengthen the Board's ability to effectively oversee development of the Company's technology and work towards commercialization of Zinc8's Long Duration Energy Storage Systems*. Dr. Simon Fan is no longer serving as the Chief Technology Officer and Executive Vice-President of the Company but will continue to provide his expertise to the Company in his new role as a director. Sorin Spinu, the Chief Financial Officer, will oversee the Company in an executive and operational capacity until such time as the Board of Directors selects a new Chief Executive Officer.

The Board of Directors will continue to seek and evaluate a number of opportunities for moving the Company forward during these challenging times.

Zinc8 also announces certain revisions to the terms of the proposed non-brokered private placement offering (the "Private Placement") announced on September 26, 2023. The Private Placement offering will now consist of up to 333,333,333 units (each, a "Unit") at a price of \$0.015 per Unit to raise gross proceeds of up to \$5,000,000. Each Unit is comprised of one common share and one common share purchase warrant (each, a "Warrant"), with each Warrant being exercisable into one share at \$0.05 per share for one year from closing. The Company intends to give existing shareholders priority for their subscriptions. The proceeds of the Private Placement will be used for working capital expenditures including operating expenses, payment of accounts payable, research and development, pursuing advancement of the Company's business plan, salaries and wages, and professional fees. Finder's fees and/or commissions may be paid in connection with the Private Placement.

The Company does not intend to obtain securityholder approval for the Private Placement in reliance on the exceptions outlined in section 4.6(2)(b) of Policy 4 of the Canadian Securities Exchange. Further to the Company's news release dated September 18, 2023, the Company needs additional funding to finance its operations and without such financing its ability to continue as a going concern is at risk. The Company intends to complete the Private Placement in tranches, with the first tranche closing as soon as possible. The independent directors of the Company have determined that completion of the Private Placement is in the best interests of the Company, and that it is not feasible to obtain securityholder approval for the Private Placement in a timely manner given the Company's circumstances. All securities issued pursuant to the Private Placement will be subject to a hold period of four (4) months and a day from closing of the Private Placement in accordance with securities laws. Closing of the Private Placement remains subject to several conditions including receipt of subscriptions and regulatory approval, if required.

The securities offered have not been, and will not be, registered under the United States Securities Act of 1933, as amended, or any state securities laws, and may not be offered, sold or delivered,

directly or indirectly, in the United States, its possessions and other areas subject to its jurisdiction or to, or for the account or for the benefit of a U.S. person, unless an exemption from registration is available. This news release is for information purposes only and does not constitute an offer to sell or a solicitation of an offer to buy any securities of the Company in any jurisdiction.

**Zinc8 Energy Solutions** focuses on developing and commercializing its low-cost, long duration ZESS for utilities, microgrid, and Commercial & Industrial markets. By using the patented ZESS as a standalone or an enabling technology, it allows opportunities for peak demand reduction, time-of-use arbitrage, and participation in both the value stacking programs and the distributed long-duration energy storage space, all in conjunction with the opportunity for a significant reduction in carbon footprint. The long duration (8-100+ hours) ZESS has no fire and explosion risk, has no capacity fade over extensive lifetime, and offers complete charge operational flexibility.

**About Zinc8 Energy Solutions Inc.** Zinc8 is developing and pursuing commercialization of a dependable low-cost zinc-air battery. This mass storage system offers both environmental and efficiency benefits. Zinc8 strives to meet the growing need for secure and reliable power. To learn more about Zinc8's technology, please visit: <https://zinc8energy.com>



Zinc8 Energy Solutions Announces \$5,000,000 Private Placement (CNW Group/Zinc8 Energy Solutions Inc.)

## More about the Zinc8 Energy Storage System (ESS)

The *Zinc8* ESS is a modular Energy Storage System designed to deliver power in the range 20kW - 50MW with capacity of 8 hours of storage duration or higher. With the advantage of rechargeable zinc-air flow battery technology, the system can be configured to support a wide range of long-duration applications for microgrids and utilities. Since the energy storage capacity of the system is determined only by the size of the zinc storage tank, a very cost-effective and scalable solution now exists as an alternative to the fixed power/energy ratio of the lithium-ion battery.

## Technology

The *Zinc8* ESS is based upon unique patented zinc-air battery technology. Energy is stored in the form of zinc particles, similar in size to grains of sand. When the system is delivering power, the zinc particles are combined with oxygen drawn from the surrounding air. When the system is recharging, zinc particles are regenerated, and oxygen is returned to the surrounding air.

## Applications

The flexibility of the *Zinc8* ESS enables it to service a wide range of applications. Typical examples include:

- Smoothing energy derived from renewable sources such as wind and solar
- Commercial/Industrial backup replacing diesel generators
- Industrial and grid scale, on-demand power for peak shaving and standby reserves
- Grid-scale services such as alleviating grid congestion, deferring transmission/distribution upgrades, energy trading and arbitrage, and increasing renewable energy penetration.

## Architecture

The *Zinc8* ESS is designed according to a modular architecture that enables a wide variety of system configurations to be created from a small number of common subsystems. Each subsystem implements a single element of the technology:

- The Zinc Regeneration Subsystem (ZRS) provides the recharging function
- The Fuel Storage Subsystem (FSS) provides the energy storage function
- The Power Generation Subsystem (PGS) provides the discharging function

## 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 we may be able to continue as a going concern, that we will be able to complete the Private Placement as described herein, that we can continue to develop a dependable low cost zinc-air battery; that our mass storage system offers both environmental and efficiency benefits; 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 secure funding in a timely manner and will not be able to continue operations; that the Private Placement may not be completed as described herein or at all, 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 in the United States or otherwise; 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; that federal funding in the United States may not be available to Zinc8 on favorable terms or at all; 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](http://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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**For further information:** Director, Robert Parker Ph: +1-917-653-2842 Email [parker@zinc8energy.com](mailto:parker@zinc8energy.com) or Director Dave Hodge Ph: +1-604-681-1568 Email: [dhodge@zimtu.com](mailto:dhodge@zimtu.com)

CO: Zinc8 Energy Solutions Inc.

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