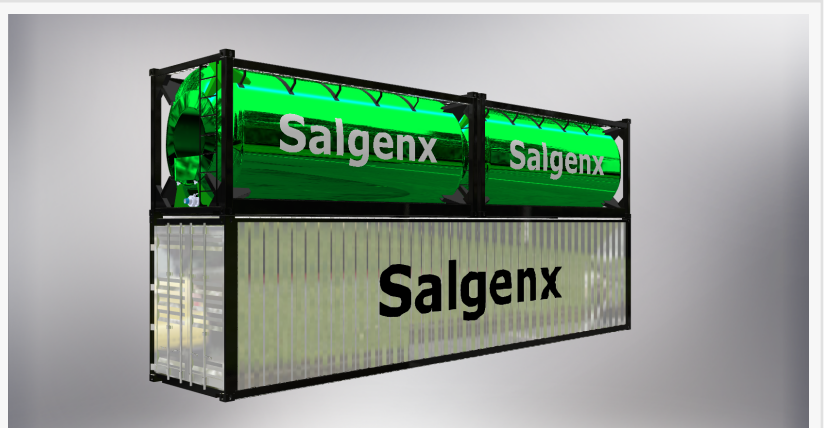


Salgenx Pioneers Breakthrough in Sustainable Energy Storage with Fungus-based Electrode Materials

Salgenx unveils a game-changing sustainable energy storage solution using fungus-based electrode materials. A green future beckons! #SustainableInnovation

MADISON, WISCONSIN, UNITED STATES, October 9, 2023

/EINPresswire.com/ -- [Salgenx](#), a leader in advanced energy storage solutions, has announced a groundbreaking development in saltwater flow battery technology by integrating highly porous fungus as electrode material. This innovation, based on development and research, combines the natural advantages of fungal structures with the benefits of saltwater flow batteries.



Salgenx S3000 innovative saltwater flow battery technology. Unlock the power of storage, thermal storage, and graphene production with this membrane-free Redox flow battery. Explore the limitless potential of our aqueous saltwater flow battery solution.

The integration of fungal material as an electrode allows for enhanced electrochemical performance due to its porous nature, enabling efficient ion exchange. Highly porous fungal structures facilitate improved ion transport, increasing the battery's charge/discharge rates. Moreover, fungal-based electrodes offer the dual benefit of being both biodegradable and cost-effective.

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The natural, porous structure of fungi, coupled with our unique membrane-less design, sets a new benchmark in the industry.”

Greg Giese CEO at Salgenx

Greg Giese, the CEO of Salgenx, remarked, "At Salgenx, we're always pushing the boundaries of sustainable energy

storage. Our latest venture with fungus-based electrodes epitomizes this drive. The natural, porous structure of fungi, coupled with our unique membrane-less design, sets a new

benchmark in the industry. This is not just a technological advancement; it's a step forward for a greener planet."

Salgenx's research, resonating with findings from various scientific studies, highlights the potential of fungi such as *Agaricus bisporus* in revolutionizing the field of energy storage. The company's latest efforts build on its reputation for creating innovative solutions, including its renowned membrane-less saltwater battery design.

The use of renewable and biodegradable resources like fungi aligns with Salgenx's commitment to sustainable and eco-friendly energy storage solutions. The company's approach ensures a minimal environmental footprint, making a significant positive impact in the fight against climate change.

About Salgenx and [Infinity Turbine](#) LLC

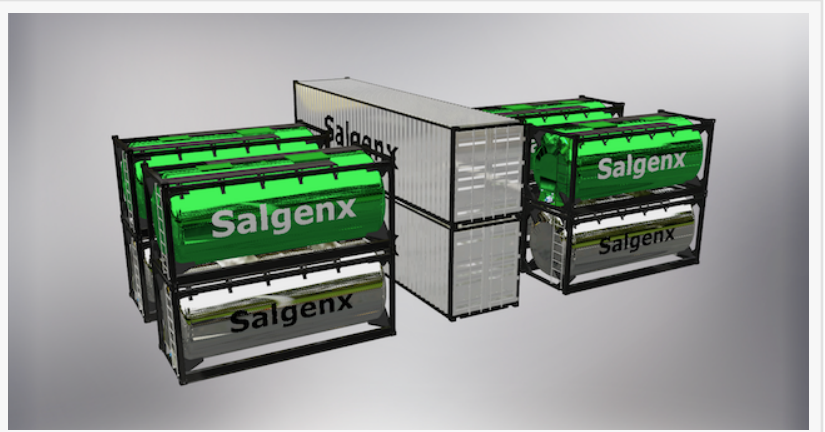
Salgenx, in strategic collaboration with Infinity Turbine LLC, stands at the cutting edge of transformative solutions, showcasing a commitment to excellence and innovation through the Giga Loom Extrusion Process, destined to set unparalleled standards in manufacturing and battery technology.

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Scale to any size using modular shipping containers. Electrolyzer stacks ship in one container, while local sourcing for liquid bulk containers cuts shipping expenses and time. Local labor can assemble, empowering communities to construct their own energy storage.

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