

Reimagining the Li-ion Battery with High Energy Silicon Anodes \$50B+ Annual Global Market @ 67% CAGR*

Pre-IPO investment

An all-electric future is driving demand for higher energy batteries to enable long-range mobility applications, smaller and more powerful devices and tools, and commercially viable home and grid renewable energy storage. The current default solution is building bigger, heavier, and more expensive batteries. This is not a sustainable approach.

Ecellix™ has a better solution

Ecellix is a globally recognized innovator offering advanced battery technologies that will transform today's Li-ion batteries into the energy storage workhorse of tomorrow. Our breakthrough eCell™ silicon-dominant anode materials represent the culmination of a 20+ year \$60M effort by a team of over 50 of the world's top battery scientists working at Ecellix and the DOE's Pacific Northwest National Lab.

eCell offers a drop-in replacement for legacy graphite anodes enabling a new generation of batteries that offer up to 50% higher energy capacity or alternatively enable as much as a 30% reduction in a battery pack's weight and volume.

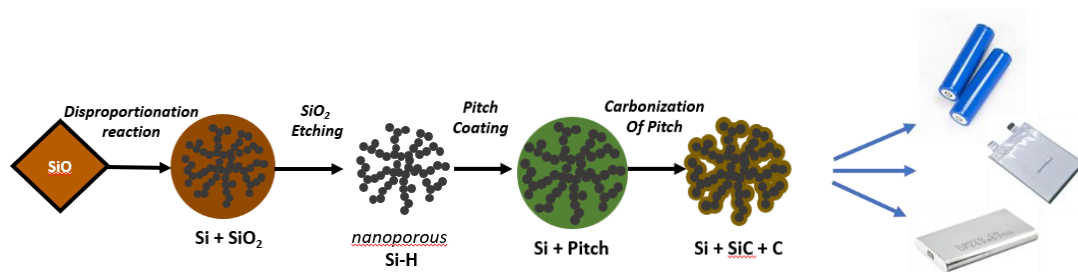
eCell's patented porous silicon-carbon structure significantly abates swelling and creates a stable SEI (the two major challenges with silicon), allowing manufacturers to build higher-energy and longer-lasting cells (up to 1,500 cycles) sufficient to support a service life of one million miles for EVs.

eCell enables Ecellix's battery manufacturing partners to produce smaller, lighter, and longer-lasting batteries that deliver enhanced range and power for cars, trucks, aeronautics, and marine applications as well as improved performance and dimensions for consumer devices and tools and home storage.

Market Leadership

eCell is produced in the USA via a proprietary and highly scalable process using inexpensive micron-scale precursor materials. Unlike exotic and expensive nano-scaled engineered silicon materials, cell manufacturers will be able to easily integrate eCell into existing battery production processes, avoiding the significant expenses of modifying or rebuilding in-place manufacturing lines. With an expected cost at scale per kWh at parity with graphite, eCell will substantially undercut announced pricing of competing solutions and support overall reductions in the cost of mobility and general energy storage applications.

VC-backed Ecellix Inc. is led by an exceptional and highly skilled leadership team and globally recognized advisors with track records of success in commercializing new technologies and executing multiple successful private and public exits. Ecellix aims to be a leading global supplier of advanced anode technologies for the \$500B+* global Li-ion cell market.



Key Performance Metrics:

- Higher Energy Batteries - 1500 mAh/g anode capacity - 800 Wh/l energy density
- Longer Life –up to 1,500 cycles to 80% capacity at C/2 with 50-70% silicon active material
- Drop-in Replacement - handles like graphite to leverage existing plant/tooling investments
- Extreme Economy - Industry Leading Price