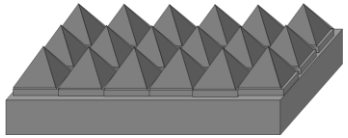
Mujiru

A Black-owned Business

2023 — Develop scalable fabrication methods for silicon anodes

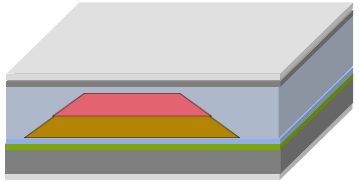
Phase 1 — Optimize SiNx and SiOx layers and additives

2024 — Design and fabricate silicon anodes on c-Si wafers.



Phase 2 — Optimize all cell parameters including cathode, electrolyte contacts

2025 — Fabricate prototype microbatteries



VC 1 — Achieve 150 mW cm^{-2}; >20 mA peak current

Begin scaleup of devices to high throughput CMOS processes

2026

VC 2 — Large Scale Manufacturing Facility 7000 cells per wafer >90% Yield

Cash break even by end of 2025