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# Engineering Materials to Power our Future

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Moving Technology  
from Lab to Commercialization  
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# About Sila

**Our Vision:** To build an enduring company that tackles the toughest battery materials challenges with science at scale.

- Founded in 2011 at Georgia Tech incubator
- Manufacturing in California and Washington, USA
- ~400 employees, ~80 PhDs, ~70% science & engineering degrees
- Own the core IP enabling low-swell nano-composite silicon (NCS) with **240+** patents and patents pending worldwide (*some having 2009-2010 priorities*)
  - **covering:** microstructure, architecture, composition, properties, key processes (incl. CVD), deployment & key co-products (slurries, binders, conductive additives, foils, electrolytes, separators, etc.)
- Raised >**\$1.3B** in private funding. Recently closed \$375M in Series G round for auto series production.





# Sila is leading the charge in battery materials innovation

**First to Market in  
Next Gen Tech**

**>20% Higher  
Energy Density**

**Fast Charge  
without  
Degradation**

**Deep Patent  
Portfolio  
&  
Robust R&D  
Roadmap**

**Engineered to  
Scale**

# Pushing Battery Performance for the World's Most Innovative Companies

## Mercedes EVs

The best cars deserve the best batteries



- Starting with the G-Class
- 20% more range to meet customer expectations
- Global top-6 cell maker

## Auto OEM B

Targeting a high performance EV



- Peak vehicle performance requires peak cells
- Same cells as larger platforms
- Global top-6 cell maker

## Panasonic Energy

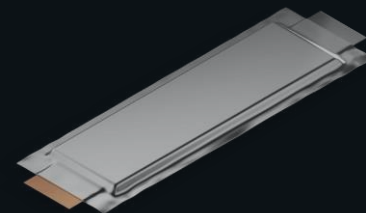
Targeting the world's best battery performance



- Aiming for 1,000 Wh/L with Titan Silicon
- Optimizing for range & charge speed
- For existing or future auto customers

## Cell Maker B

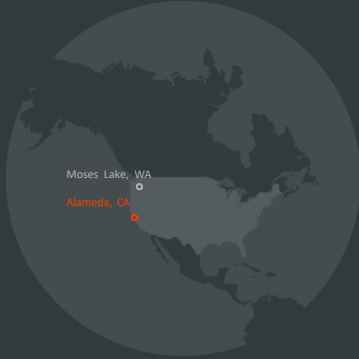
Differentiated performance for large & growing player



- Large deal for 7 years of supply
- Global top-6 cell maker
- Global OEM customers closely aligned with Sila's GTM strategy



# Alameda Headquarters Commercial Line



- First Commercial Line SOP - Q4'21
- 5 MWh - output in 2022
- 15 MWh - output in 2023
- 30 MWh - output in 2024
- 50 MWh - output planned for 2025



# Moses Lake (ML) Manufacturing Plant

Construction Underway



- Washington state, USA
- 600,000+ ft<sup>2</sup> / 60,000 m<sup>2</sup> facility
- Hydro-powered for clean manufacturing
- Adjacent to key material supply
- Start-up H2 2025
- \$100M DOE grant to support build-out and workforce development initiatives



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# A Pivotal Partnership for Sila



U.S. DEPARTMENT OF  
**ENERGY**



ENERGY.GOV  
Office of  
ENERGY EFFICIENCY &  
RENEWABLE ENERGY

- Funding has supported Sila's research, development, and production efforts
- \$100M BIL grant is supporting Sila's build-out of our ML manufacturing plant & creating new workforce development curriculum in partnership with local schools to train a new generation of tech workers and is boosting local economy

