

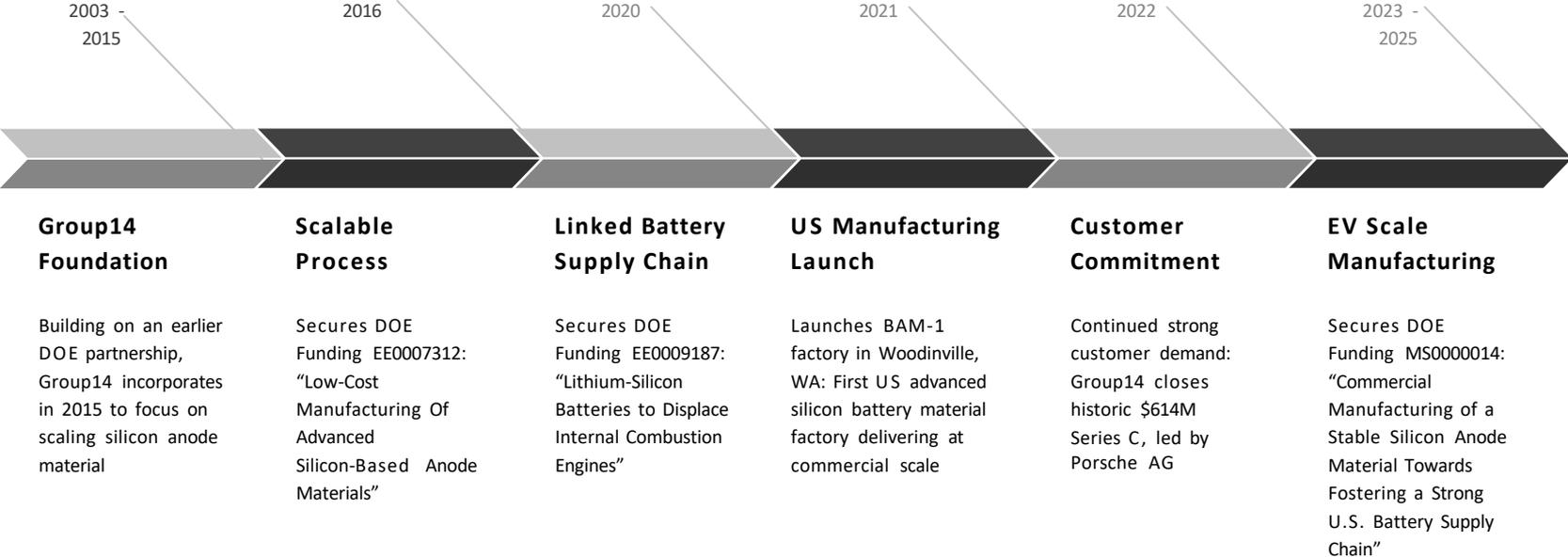
# Group14: A DOE Success Story

4th Annual DOE Energy Storage Grand Challenge

AUGUST 2024

# Group14 and DOE Partner to Electrify Everything

Group14 strengthens the battery supply chain to enable silicon batteries with SCC55™



# Group14 Customer Case Study

SCC55™ enables unprecedented power and energy



## Molicel launches ultra-high-power cells powered by SCC55

- Molicel P Series product line: first gen product launched and further product launches expected in '25
  - Up to 40% boosted energy and 3X boosted power
  - Wide temperature range performance with excellent cycle life
- Molicel X Series product line: demonstrating extreme fast charge and discharge in under 1 minute
  - Charge / discharge rates up to 120 C / -150 C
  - No trade off in cycle life



**MOLICEL**®

# Scaling US Manufacturing with Battery Active Materials (BAM) Factories

Update on DOE-supported project to achieve 4,000 MT capacity in Moses Lake, WA



# Building a Global Presence

400+ employees worldwide as of Q3 2024



**HQ / BAM-1 factory**  
Woodinville, WA

**Seattle Offices**  
Seattle, WA



**BAM-2 factory**  
Moses Lake, WA

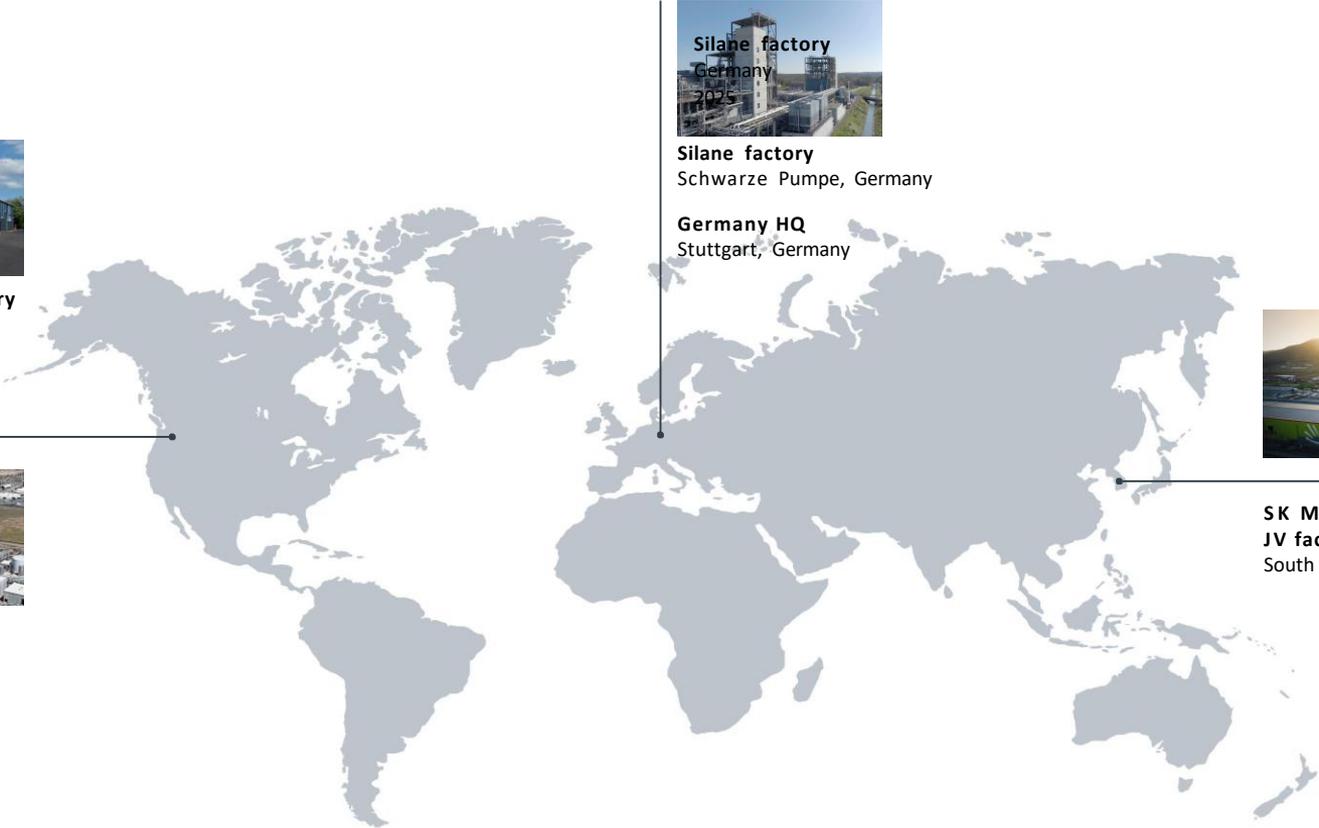


**Silane factory**  
Germany  
Schwarze Pumpe, Germany

**Germany HQ**  
Stuttgart, Germany



**SK Materials Group14  
JV factory**  
South Korea



# Thank you

Reach us at [www.group14.technology](http://www.group14.technology)

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