

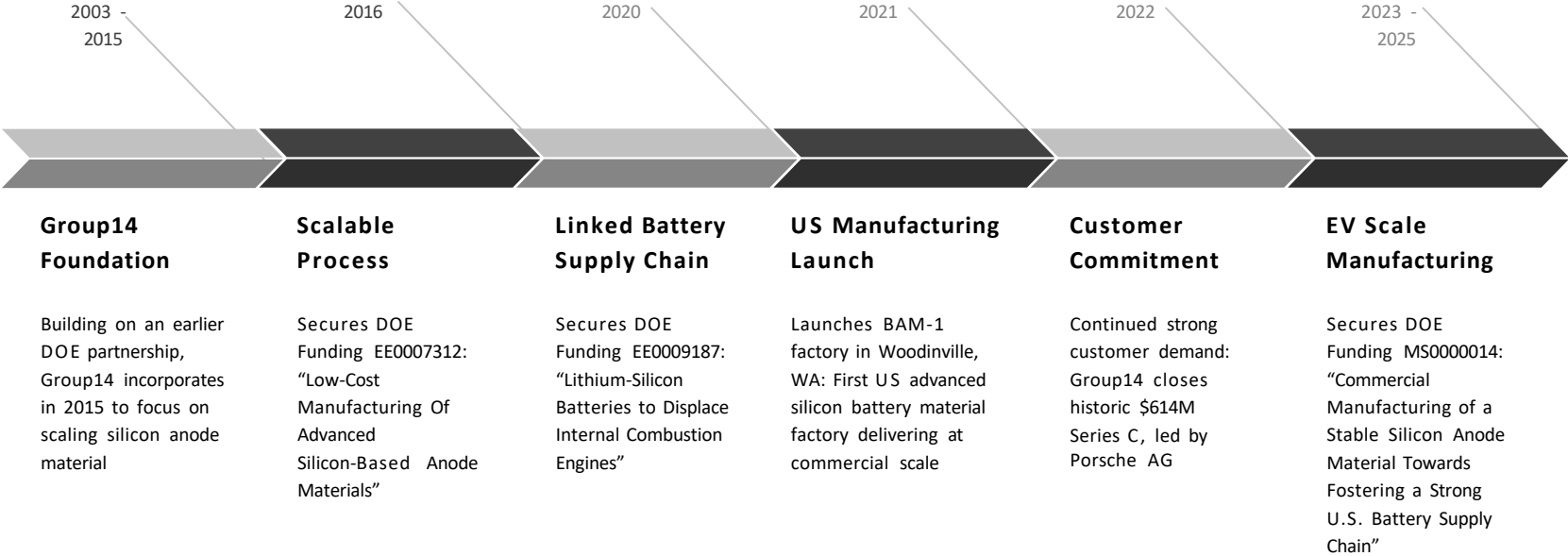
Group14: A DOE Success Story

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
Schwarze Pumpe, Germany


Germany HQ
Stuttgart, Germany



**SK Materials Group14
JV factory**
South Korea

Thank you

Reach us at www.group14.technology

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