



## Pilot Scale Recovery of Lithium from Geothermal Brines - A New Direct Lithium Extraction Process

Materials Research LLC , Palo Alto California

Project funded by California Energy Commission Contract Number EPC-19-017

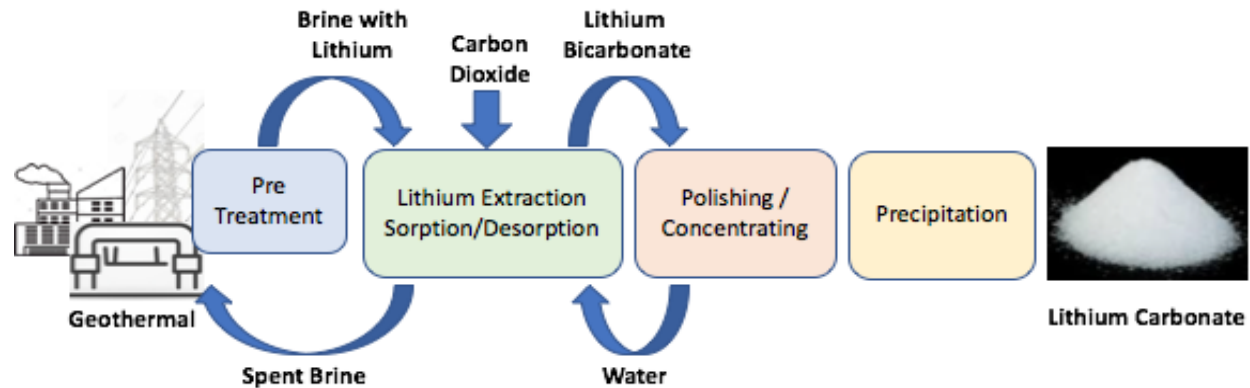
*December 14, 2021*

# Low-cost Process To Extract Lithium from Brines

- ↓ Patented high selectivity high-capacity sorbent
- ↓ Fast kinetics of lithium capture
- ↓ CO<sub>2</sub> releases lithium from the sorbent with direct production of Li<sub>2</sub>CO<sub>3</sub>
- ↓ Long life sorbent



Lithium Extraction Pilot Skid @ 10 L brine/min



\* Technology developed at SRI International with financial support from DOE's Geothermal Technology Office and California Energy Commission (contract number EPC-16-020)

\* IP owned by ExSorbtion Inc