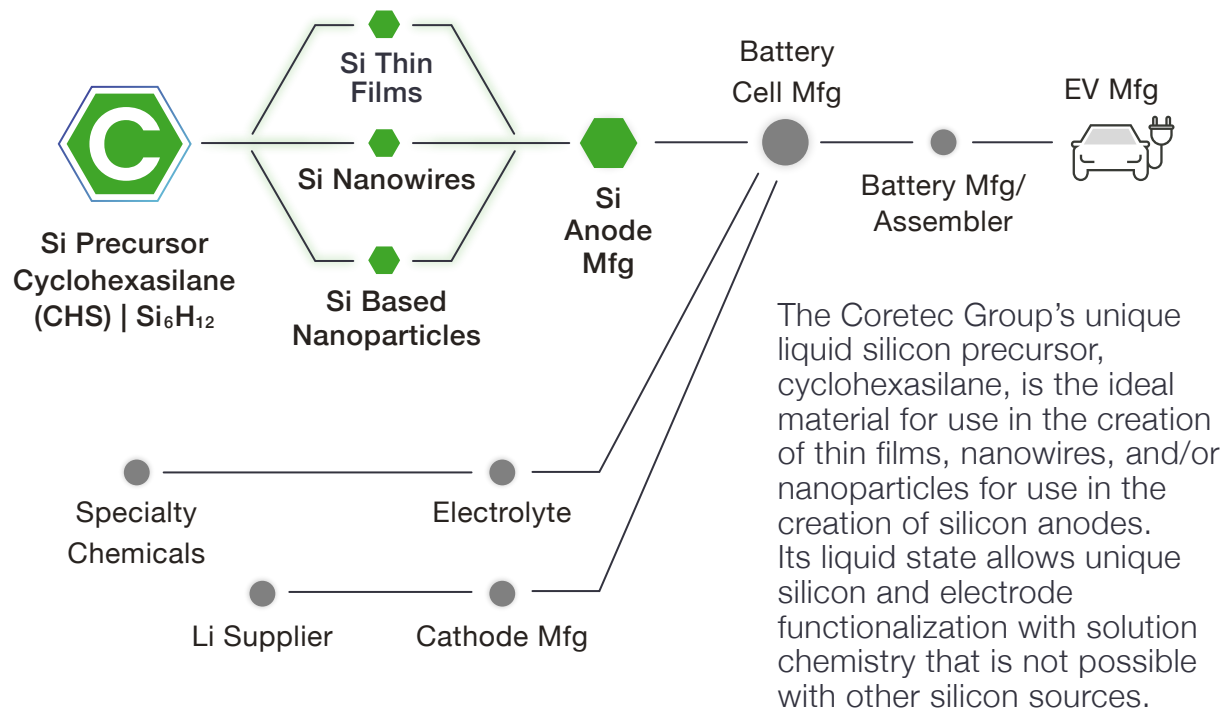




THE CORETEC GROUP
ENGINEERING SILICON TO IMPROVE LIFE

MAXIMIZE SILICON ANODES MINIMIZE PRE-LITHIATION

Silicon anodes made from Coretec's Cyclohexasilane have potential to significantly reduce (or eliminate) the need for pre-lithiation, utilizing the full charge capacity of silicon.*



This functionalization has the potential to greatly enhance coulombic efficiencies and reduce the need for pre-lithiation, fully utilizing the enhanced charge capacity of silicon.

LEARN MORE

CONTACT US



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*Si thin films, Si nanowires and Si-C nanoparticles have been successfully synthesized based upon technology (<https://bit.ly/2QPal0t> and <https://rsc.li/3ruicT3>). The Coretec Group is actively seeking silicon anode manufacturers willing to evaluate CHS in their production processes to vet its unique capability for solution chemistry and enhancing coulombic efficiencies of lithium ion batteries.