



# Lithium Value Chain

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## Technology Market and Project Risk Analysis

**Gulf LNG Solutions Technical Report Series | Energy and Process Technology Analysis**

*A technical guide to lithium extraction conversion battery materials and circular supply chains.*

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Gulf LNG Solutions is an LNG-specialized engineering and technical consulting company. LNG and LNG facilities remain its core professional focus. The company also applies process-engineering capability across energy, oil and gas, petrochemicals, power generation, hydrogen, ammonia, and strategic-metal value chains. Lithium is included because battery materials and energy storage are increasingly important to resilient energy and industrial systems.

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