

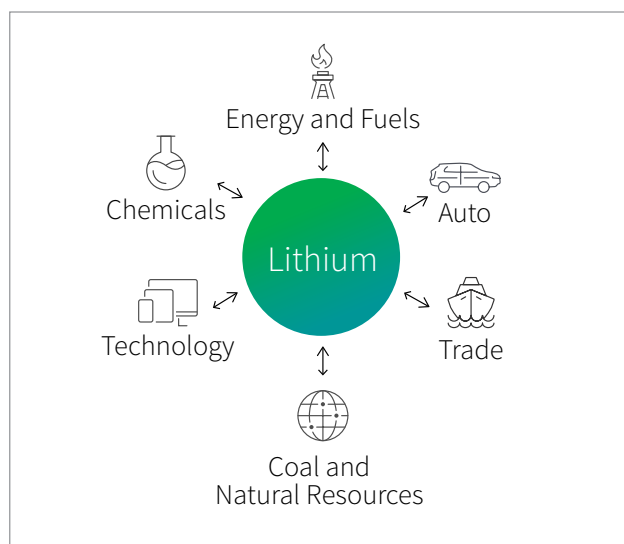
Global Lithium & Battery Materials

Whether you produce, consume, trade or invest in lithium and its supply-chain, making the best decisions depends on having an accurate and comprehensive outlook for this rapidly changing market.

With the rise of lithium demand and the need for market transparency, IHS Markit is now offering an integrated solution for the lithium and battery materials industry and associated downstream applications based on its world leading coverage of energy, chemicals, and the automotive sectors.

The Lithium & Battery Materials monthly market analysis includes supply/demand balances, price indexes, global trade outlooks, and insight into the current market situation.

IHS Markit Integrated Approach



Core Products Covered

- Spodumene
- Lithium carbonate
- Lithium hydroxide

Supplementary Products

- Cobalt
- Nickel

IHS Markit Global Lithium & Battery Materials Market Advisory Service

Key questions that our service answers:



Supply Chain & Portfolio Optimization

How are the different steps, players & partnerships evolving within the lithium and battery materials supply chain?



Competitive Analysis

How are production costs, margins and prices changing with time? Which region has the lowest costs?



Product & Market Evaluation

Which applications and technologies are driving demand for lithium & battery materials and how will demand drivers change over time?



Merger & Acquisition Validation

How are acquisitions, divestitures, and JVs impacting the production landscape?

IHS Markit helps you:

- Optimize decisions with reliable price, cost and supply/demand data current and forecast
- Determine industry and producer cost competitiveness
- Optimize procurement decisions and contracts
- Understand how capacity additions will impact the market
- Sync your long-term pricing forecast with current global economic and energy changes
- Improve your planning and forecasting by understanding the sensitivity of key forecast drivers

This monthly service is powered by our direct interfaces with key market participants and provides unrivaled market analysis, including price discovery & forecasts, supply/demand balances, upstream economics, global trade and downstream applications analysis.

Key Features

- **Supply** – Monthly updates on economics, producers, juniors & projects, and country risks
- **Costs** – Cost curves for hard rock and brine producers, including conversion to lithium carbonate and lithium hydroxide
- **Trade** – Key regional and country imports/exports
- **Prices** – Historical price indices for battery grade lithium carbonate and lithium hydroxide, 5-year annual price forecast
- **Demand** – Latest news, and forecasts for mobility, consumer electronics, grid/utility storage, glass & ceramics, grease, and other industrial uses

For more information www.ihsmarket.com

CUSTOMER CARE

NORTH AND SOUTH AMERICA

T +1 800 447 2273

+1 303 858 6187 (Outside US/Canada)

EUROPE, MIDDLE EAST AND AFRICA

T +44 1344 328 300

ASIA PACIFIC

T +604 291 3600

E CustomerCare@ihsmarket.com

About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 80 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.