

Battery material insights and forecasts

Navigate a rapidly evolving market with confidence

Stay ahead of the curve with market-reflective price data and critical insights into the battery materials market



Battery electric vehicle sales are projected to increase at a CAGR of 24% to 50 million units in 2032 from 4.6 million units in 2021



The demand for battery materials has reached unprecedented levels. Fluctuations in electric vehicle demand, volatility in lithium prices and geopolitical risks across the supply chain present a unique set of challenges and uncertainties that come with it.

To gain a competitive edge in this unpredictable landscape, you need information and insights you can trust to cut through the noise.

This is where Fastmarkets comes in. With over 100 years of price reporting experience, and several decades reporting on commodities that now comprise battery materials, our range of outlooks and forecasts will provide you with the data and expert analysis you need to effectively assess the market.

Our **battery material insights and forecasts** are designed to address the needs of market participants and investors across the value chain, from miners to end-users. What you can expect:



Market-reflective price data



Battery cell cost models and forecasts to 2033



Expert insights on technology and policy trends



Comprehensive demand and supply projections



Market insights from a global price reporting and research team

Make informed decisions, anticipate changes in the market and gain a competitive advantage with our range of products

Short-term forecasts

- Two-year forecasts for lithium, nickel, cobalt, manganese and graphite
- Market dynamics and sentiment for the EV market by region

Long-term forecasts

- 10-year forecasts for lithium, nickel, cobalt, graphite, copper and manganese sulfate
- Analysis of the EV market and future capacity developments

Price data

- IOSCO-compliant price assessments and benchmarks
- Market-reflective price of lithium, cobalt, copper and other critical battery materials like graphite and manganese

Risk management

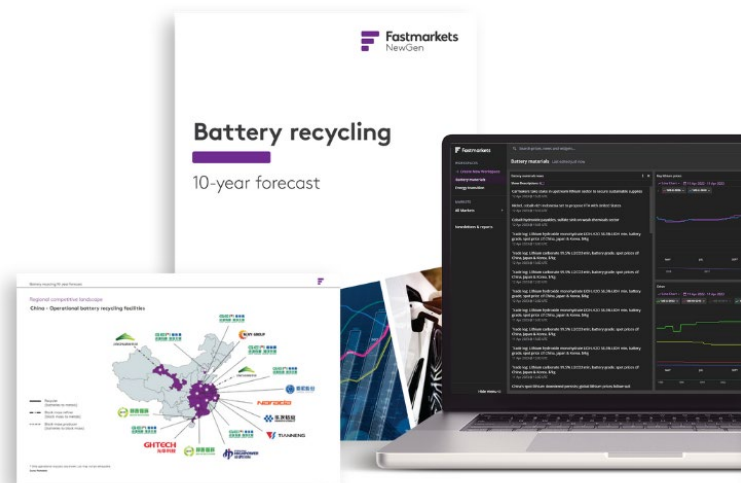
- Leverage Fastmarkets' lithium futures and cobalt futures contracts to secure rates and reduce exposure to price volatility
- Develop bespoke roadmaps to mitigate or enhance your exposure to commodities prices

Battery Cost Index

- Cell cost forecasts to 2033 for LFP and NCM chemistries for China, South Korea, USA and Germany
- Cell cost model: an easy-to-use tool to calculate the total materials and manufacturing cost of a bespoke cell design across different regions

Battery Recycling Outlook

- Forecasts up to 2030 for black mass and battery raw materials
- Assessment of regional capabilities and technology capacity, major recyclers and latest recycling policy and regulation developments in different regions



How Fastmarkets battery material insights and forecasts can help



Strategy

- ✓ Gain a better understanding of the intricacies of the battery market and its pricing mechanisms
- ✓ Inform plans for the long term while mitigating existing and potential risk factors
- ✓ Strengthen battery chemistry strategy



Supply

- ✓ Secure battery materials supply, including recycled materials and black mass
- ✓ Have better-informed negotiations with suppliers
- ✓ Make better buying decisions (timing, inventory management, buying on spot/contract)



Price

- ✓ Identify regional price differentials to optimize sourcing
- ✓ Calculate margins through the value chain
- ✓ Manage price and supply risk by understanding the competitive demand for materials



Risk Management

- ✓ Protect your organization from regulatory and corporate governance risks
- ✓ Mitigate price risks by hedging with financially settled futures contracts
- ✓ Assess opportunities and risks in the market with support from consultants

Why choose Fastmarkets?

“ **Informative feedback on market conditions across various lithium products in multiple regions** ”

Gina Yoon

Industry Analysis and Planning Director, Allkem



Trusted data

Price data is market-reflective and backed by IOSCO-compliant methodologies



Expert analysis

Team of over 30 experts working exclusively with battery materials



Global coverage

Robust presence in the Asian spot markets as well as other key global markets



Exchange backing

Backed by the major metal exchanges across the world like the LME, CME and SGX



- The LME, CME and SGX have all launched or announced futures contracts that are cash settled against the Fastmarkets lithium indices
- 80% of the world's cobalt trade is referenced to the Fastmarkets benchmark, with lithium currently transitioning towards indexation
- Fastmarkets launched the first seaborne black mass price and the first price in Asia outside of China

Gain the clarity and foresight to make critical decisions with ease.

Talk to us