



Global X Lithium & Battery Tech UCITS ETF

COMMODITIES



A fund that seeks to invest in the full lithium cycle, from mining and refining the metal, through to battery production.

LITU LN

IE00BLCHJN13

For Professional Investors only.

Lithium is an essential material used in lithium-ion batteries, which play an increasingly important role in areas like electric vehicles (EVs), renewable energy storage, and mobile consumer electronics. As the world electrifies, lithium miners and battery producers present a compelling investment case as companies well-positioned to benefit from this disruptive trend.

DID YOU KNOW?

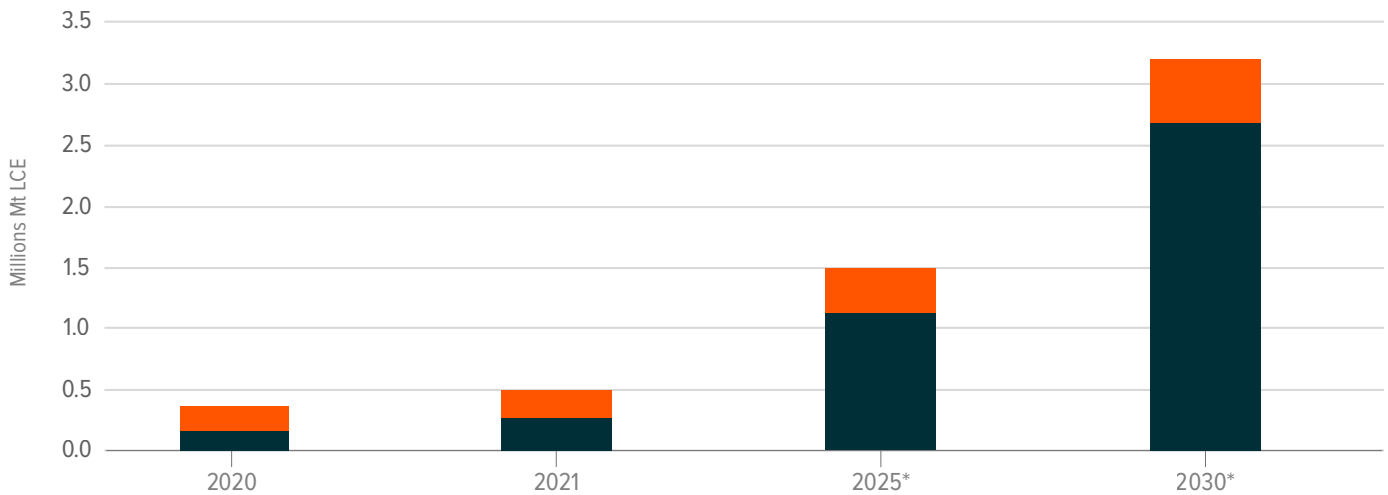
- Lithium accounts for **85%** of commissioned, utility-scale battery storage worldwide.¹
- EVs could reach a **40.8%** global sales penetration rate **by 2030** and **60.4% by 2035**, up from **12.8% in 2022**.²
- As momentum accelerated toward EVs in recent years, so too did aggregate demand for lithium. On average, the lithium-ion battery packs found in EVs contain about **9kg** of lithium, **1,000** times more than most consumer electronics.³

THE FUTURE OF BATTERY TECHNOLOGY - A GROWING MARKET

- Battery technology is central to the growth of renewable energy and EV usage.
- To support this growth, the battery market value chain is anticipated to reach over **US\$400bn by 2030**,⁴ and existing global battery cell capacity could expand up to **40%** by 2030 as cell suppliers increasingly announce capacity expansions worldwide.⁵
- Wind and solar energy are forecast to supply **48%** of the world's electricity needs **by 2050**.⁶
- Over half of all new passenger vehicles sold globally **by 2040** will be EVs.⁷

LITHIUM DEMAN BY APPLICATION (MILLIONS OF METRIC TONS PER ANNUM OF LITHIUM CARBONATE EQUIVALENT)

Sources: Global X ETFs with information derived from: Norris, E. (2022, June 27). Building a domestic EV ecosystem: Fastmarkets lithium supply and battery raw materials 2022. Albemarle.



Note: *Forecast

■ Lithium Demand For EVs ■ Lithium Demand For Other Applications

Capital at Risk. All financial investments involve an element of risk. Therefore, the value of your investment and the income from it will vary and your initial investment amount cannot be guaranteed.

GLOBAL X

by Mirae Asset

Beyond Ordinary UCITS ETFs™

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FUND DETAILS

Inception Date	7 December 2021
Total Expense Ratio	0.60%
Ongoing Charges	-0.50%
Primary ISIN	IE00BLCHJN13
Primary Ticker	LITU LN
SFDR Classification	Article 6
Underlying Index	Solactive Global Lithium v2 Index

FUND INVESTMENT APPROACH

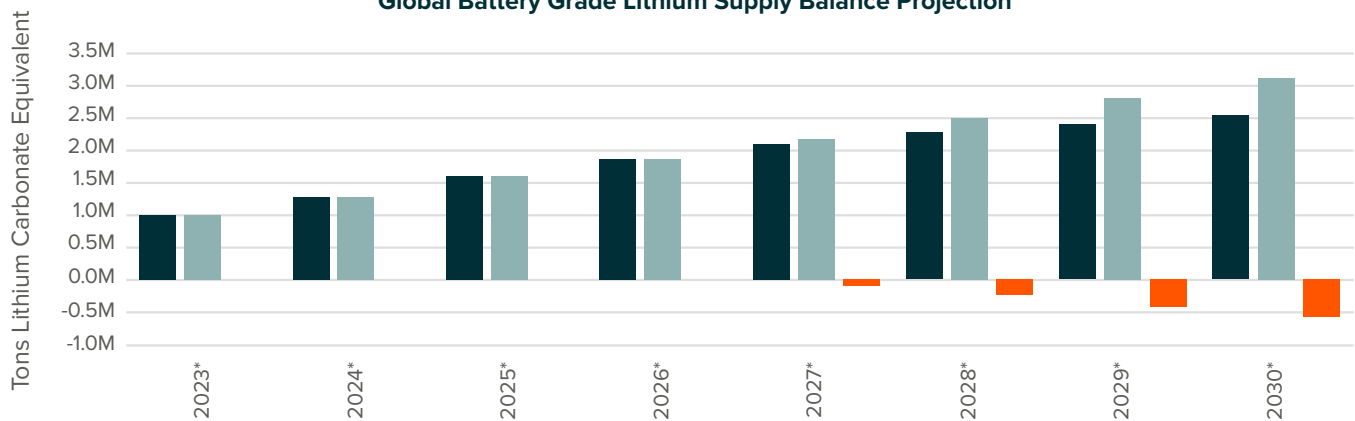
- The initial universe of stocks includes companies that have significant revenues generated or expected to be generated from business operations in lithium mining or the production of lithium batteries.
- A minimum of **20** constituents categorised as Mining or Battery Companies are selected and weighted at **15%** and **4.75%**, respectively.
- The index is reviewed **quarterly** for diversification.
- Components are rebalanced **annually**.

ELEVATED LITHIUM PRICING COULD BE HERE TO STAY - THE INELASTIC NATURE OF LITHIUM SUPPLY COMBINED WITH GROWTH IN EV DEMAND SUPPORTS STRUCTURALLY HIGH LITHIUM PRICES. EVEN AS MORE MINING CAPACITY COMES ONLINE, WE EXPECT LITHIUM PRICING TO REMAIN ELEVATED

Sources: Global X ETFs illustration with information derived from

TIGHT LITHIUM MARKETS ARE LIKELY TO PERSIST THROUGH THE END OF THE DECADE, POTENTIALLY SUPPORTING ELEVATED PRICING

Global Battery Grade Lithium Supply Balance Projection



*Forecast

■ Battery Grade Supply ■ Battery Grade Demand ■ Net Supply

Approximate Production Ramp Timelines for Components of the Lithium Supply Chain



Prospectuses and Key Investor Information Documents (KIID) for this ETF are available in English at www.globalxetfs.eu/funds/litu/
For more information on the Index, please visit Solactive's website.



¹ Bloomberg NEF (2022). New Energy Outlook 2022.

² Rho-Motion Q4 2022 EV & Battery Quarterly Outlook [dataset].³ International Energy Agency (IEA). (2022, March 2). The role of critical minerals in clean energy transitions world energy outlook special report.

⁴ McKinsey & Company. (2023, Jan 16). Batter 2030: Resilient, Sustainable and Circular.

⁵ McKinsey & Company. (2023, Jan 16). Batter 2030: Resilient, Sustainable and Circular.

⁶ Bloomberg NEF (2022). New Energy Outlook 2022.

⁷ Bloomberg NEF (2023). Electric Vehicle Outlook 2023.

Disclosures

The Global X UCITS ETFs are regulated by the Central Bank of Ireland.

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