



Global X Lithium & Battery Tech UCITS ETF



LITU LN
IE00BLCHJN13

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

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?

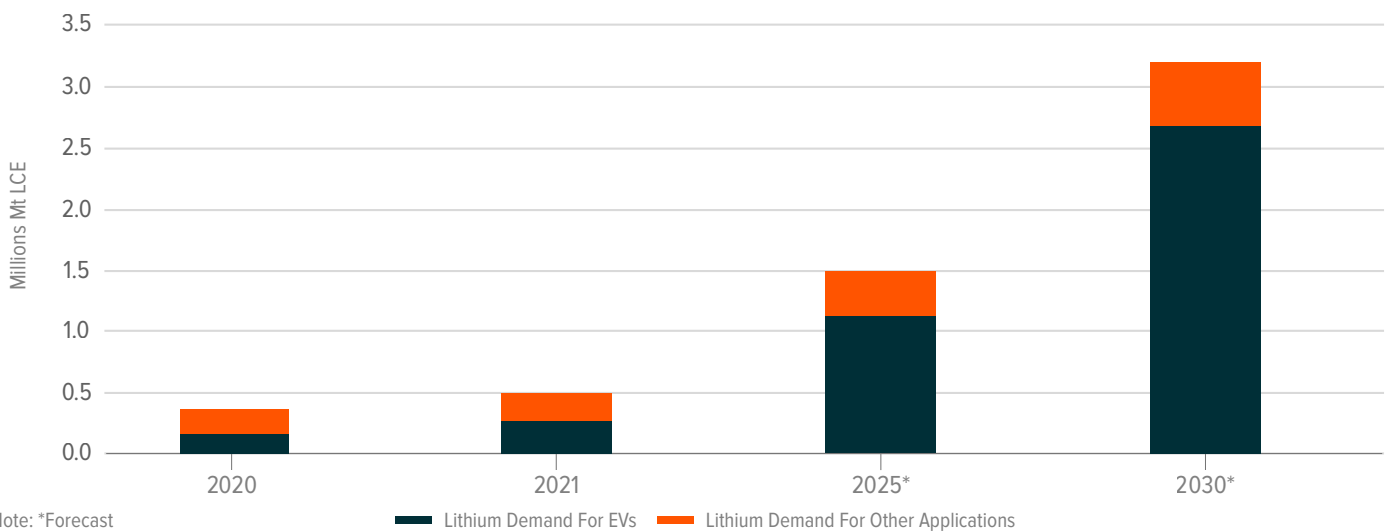
- Lithium accounts for **85%** of commissioned, utility-scale battery storage worldwide.¹
- EVs could reach a **40.8%** global sales penetration rate **by 2030** and **60.4%** by 2035, up from **12.8%** in 2022.²
- As momentum accelerated toward EVs in recent years, so too did aggregate demand for lithium. 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 DEMAND 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.



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.



FUND DETAILS

Inception Date	07 Dec 2021
Total Expense Ratio	0.60%
Ongoing charges	- 0.60
Primary ISIN	IE00BLCHJN13
Primary Ticker	LITU LN
SFDR Classification	Article 6
Underlying Index	Solactive Global Lithium v2 Index

Registered Countries:

Austria, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Singapore [Restricted], Spain, Sweden, Switzerland, United Kingdom

FUND INVESTMENT APPROACH

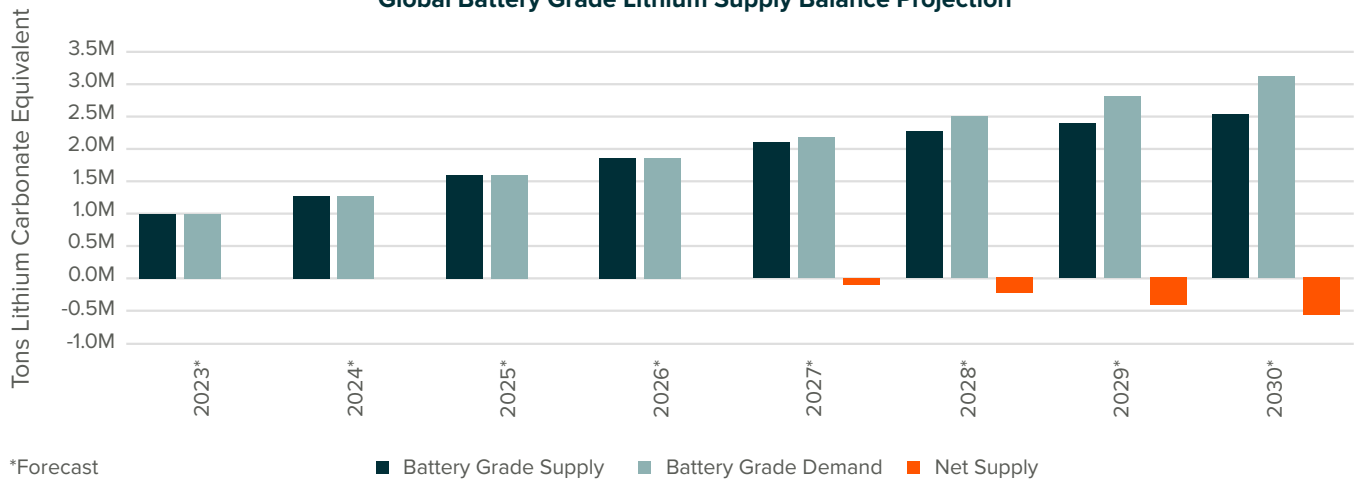
- The initial universe of stocks includes companies that have significant revenues generated or expected to be generated from business operations in lithium mining or the production of lithium batteries.
- A minimum of 20 constituents categorised as Mining or Battery Companies are selected and weighted 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

Source: 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



Approximate Production Ramp Timelines for Components of the Lithium Supply Chain



Sources: Charts: Top: AMG Critical Materials, 2023; Benchmark Mineral Intelligence, 2023 Bottom: Benchmark Mineral Intelligence, 2023.

Prospectuses and Key Investor Information Documents (KIIDs) 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.

This is a marketing communication. Please refer to the relevant prospectus, supplement, and the Key Information Document (“KID”) of the relevant UCITS ETFs before making any final investment decisions. Investors should also refer to the section entitled “Risk Factors” in the relevant prospectus of the UCITS ETFs in advance of any investment decision for information on the risks associated with an investment in the UCITS ETFs, and for details on portfolio transparency. The relevant prospectus and KID for the UCITS ETFs are available in English at www.globalxetfs.eu/funds.

Investment in the UCITS ETFs concern the purchase of shares in the UCITS ETFs and not in a given underlying asset such as a building or shares of a company, as these are only the underlying assets that may be owned by the UCITS ETFs.

A UCITS ETF's shares purchased on the secondary market cannot usually be sold directly back to a UCITS ETF. Investors must buy and sell shares on a secondary market with the assistance of an intermediary (e.g. a stockbroker) and may incur fees for doing so. In addition, investors may pay more than the current net asset value when buying shares and may receive less than the current net asset value when selling them. Changes in exchange rates may have an adverse effect on the value price or income of the UCITS ETF. Past performance of a UCITS ETF does not predict future returns. Future performance is subject to taxation which depends on the personal situation of each investor, and which may change in the future. Neither past experience nor the current situation are necessarily accurate guides to the future growth in value or rate of return of a UCITS ETF. Investment may be subject to sudden and large falls in value, and, if it is the case, the investor could lose the total value of the initial investment. Income may fluctuate in accordance with market conditions and taxation arrangements. The difference at any one time between the sale and repurchase price of a share in the UCITS ETF means that the investment should be viewed as medium term to long term.

Any investment in a UCITS ETF may lead to a financial loss. The value of an investment can reduce as well as increase and, therefore, the return on the investment will be variable. Global X ETFs ICAV is an open-ended Irish collective asset management vehicle issuing under the terms of its prospectus and relevant supplements as approved by the Central Bank of Ireland and is the issuer of certain of the ETFs where stated.

Global X ETFs ICAV II is an open-ended Irish collective asset management vehicle issuing under the terms of its prospectus and relevant supplements as approved by the Central Bank of Ireland and is the issuer of certain of the ETFs where stated.

Communications issued in the European Union relating to Global X UCITS ETFs are issued by Global X Management Company (Europe) Limited (“GXM Europe”) acting in its capacity as management company of Global X ETFs ICAV. GXM Europe is authorised and regulated by the Central Bank of Ireland. GXM Europe is registered in Ireland with registration number 711633.

Communications issued in the United Kingdom and Switzerland relating to Global X UCITS ETFs are issued by Global X Management Company (UK) Limited (“GXM UK”), which is authorised and regulated by the Financial Conduct Authority. The registered office of GXM UK is 77 Coleman St, London EC2R 5BJ. Information about GXM UK can be found on the Financial Services Register (register number 965081).

Information for Investors in the United Kingdom

Please refer to the relevant prospectus, supplement, and the Key Investor Information Document (“KIID”) of the relevant UCITS ETFs before making any final investment decisions. These are available in English at www.globalxetfs.eu. The Financial Ombudsman Service is unlikely to consider complaints relating to the ETF and any claims for losses relating to the manager and the Depositary of the ETF are unlikely to be covered under the Financial Services Compensation Scheme.

Information for Investors in Switzerland

This is an advertising document. The state of the origin of the fund is Ireland. In Switzerland, the representative is 1741 Fund Solutions AG, Burggraben 16, CH-9000 St.Gallen. The paying agent is Tellco Bank Ltd, Bahnhofstrasse 4, 6430 Schwyz. The prospectus, the key information documents, the articles of association as well as the annual and semi-annual reports may be obtained free of charge from the representative. Past performance is no indication of current or future performance. The performance data do not take account of the commissions and costs incurred on the issue and redemption of units.