



3 LITHUM INSIGHTS FORTODAY'S INVESTORS

Lithium consumption surged by 30% in 2022, accompanied by a boost in production.1

¹Source: International Energy Agency (IEA), Critical Minerals Market Review, July 2023, page 52

Here are three things to know about the lithium market's future.

HOW MUCH LITHIUM DOES L THE WORLD NEED BY 2050?

Demand for lithium is projected to rise tenfold under the NZE (net zero emissions by 2050) scenario.

Projected demand for lithium in the NZE scenario² 2022

2050P

P = Projections kt = Kiloton

vehicles (EV)

Electric

69 kt

1104 kt

Grid battery storage

4 kt

57 kt

75 kt

135 kt Other uses

Note: "Other uses" refer to specialty applications, including lubricants, medication, ceramics, glass, and battery applications not related to clean energy. ²Source: IEA, Critical Minerals Data Explorer 2023. There is no guarantee that this projection will be achieved.

66

Lithium is a critical enabling material for the transition to a low-carbon economy. It plays a key role in energy storage solutions, and is a vital component of EV batteries."



U.S. Head of Thematics & Active Equity ETFs, iShares

2 WHAT IS LITHIUM USED IN?

up 95% of the demand for lithium.3

By 2030, batteries are anticipated to make

95%

5%







and fastest growing source of demand.

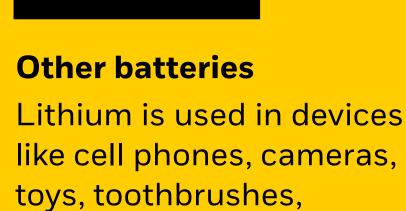


store electricity generated

solar and wind power.

from renewable sources like





and pacemakers.



ceramics, and glass.

WHEN WILL

Demand for lithium is anticipated

to surpass supply by 2030, but

There is no guarantee that this projection will be achieved.

³Source: McKinsey & Company, April 2022.

LITHIUM DEMAND **EXCEED SUPPLY? Forecasted Lithium** Supply Demand

Supply and Demand⁴ Measured in million tons of lithium carbonate equivalent (LCE) technological, financial, and geopolitical challenges could hinder extraction and processing even further. mt = Million tons P = Projections

4.6 mt

LCE measures lithium in compounds, iakin to lithium carbonate. It is primarily processed for batteries and other uses.

2.9 mt 3.5 mt 2.8 mt 2035P **2030P**

⁴Source: S&P Global Market Intelligence, analysis by Boston Consulting Group, August 2022

Subject to change, there is no guarantee this projection will be achieved.

Investors looking to gain exposure to

lithium may want to consider an ETF

that seeks to track an index composed

1.4 mt

2025P

of companies primarily engaged in lithium mining and/or manufacturing.

iShares STOXX by BlackRock 25 years of index innovation

Learn more about investing in lithium with iShares

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Carefully consider the Funds' investment objectives, risk factors, and charges and expenses before investing. This and

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Important Information

0.4 mt

0.5 mt

2020

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