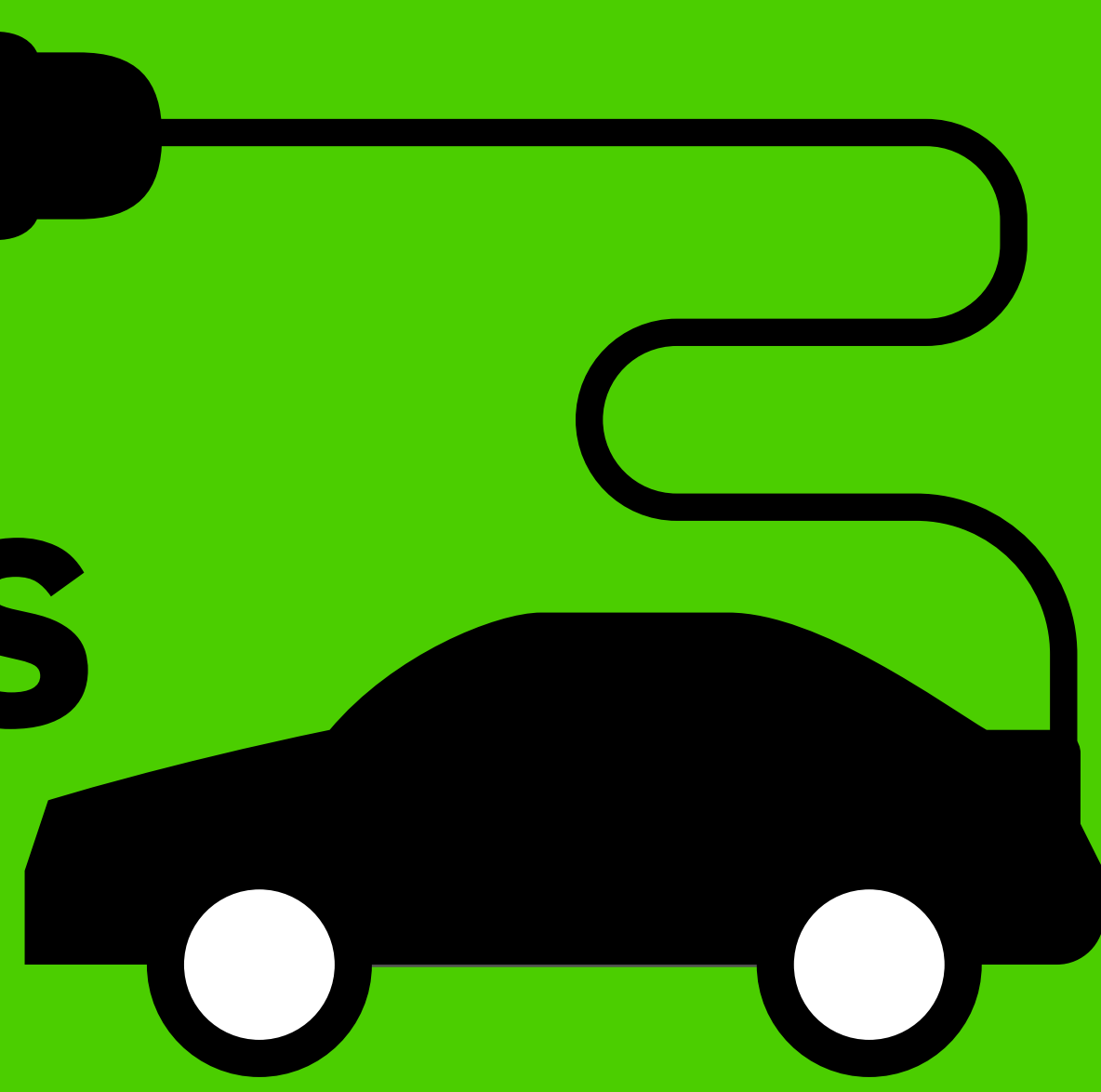


# 3 LITHIUM INSIGHTS FOR TODAY'S INVESTORS



Lithium consumption surged by **30% in 2022**, accompanied by a boost in production.<sup>1</sup>

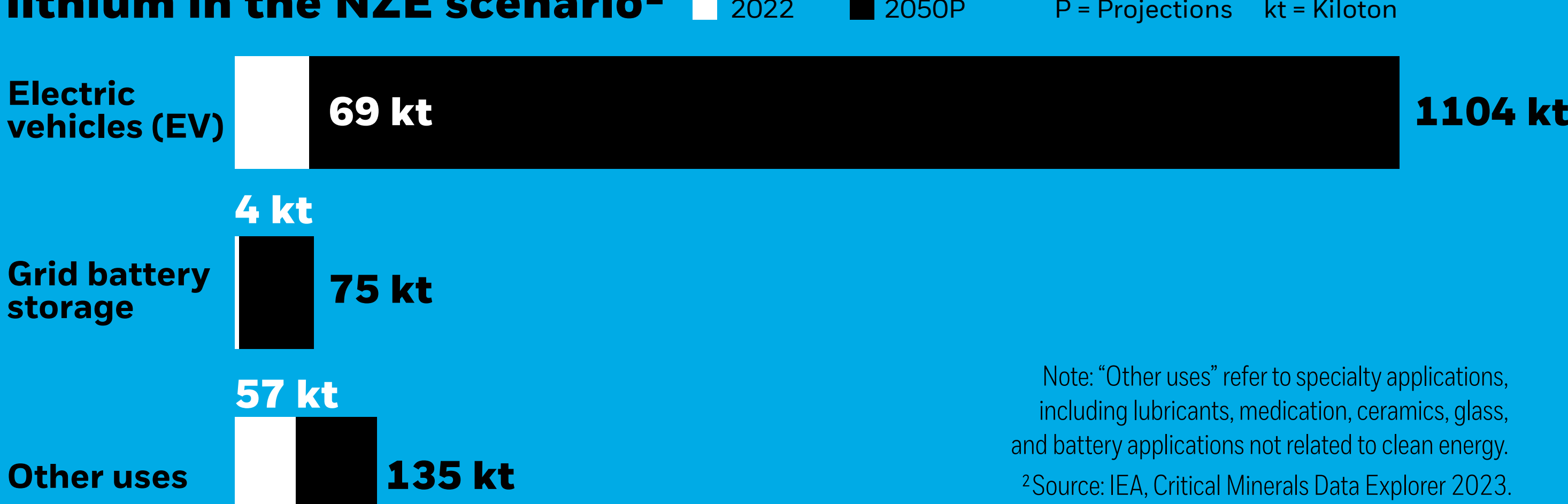
<sup>1</sup>Source: International Energy Agency (IEA), Critical Minerals Market Review, July 2023, page 52.

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

## 1 HOW MUCH LITHIUM DOES 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 scenario<sup>2</sup>



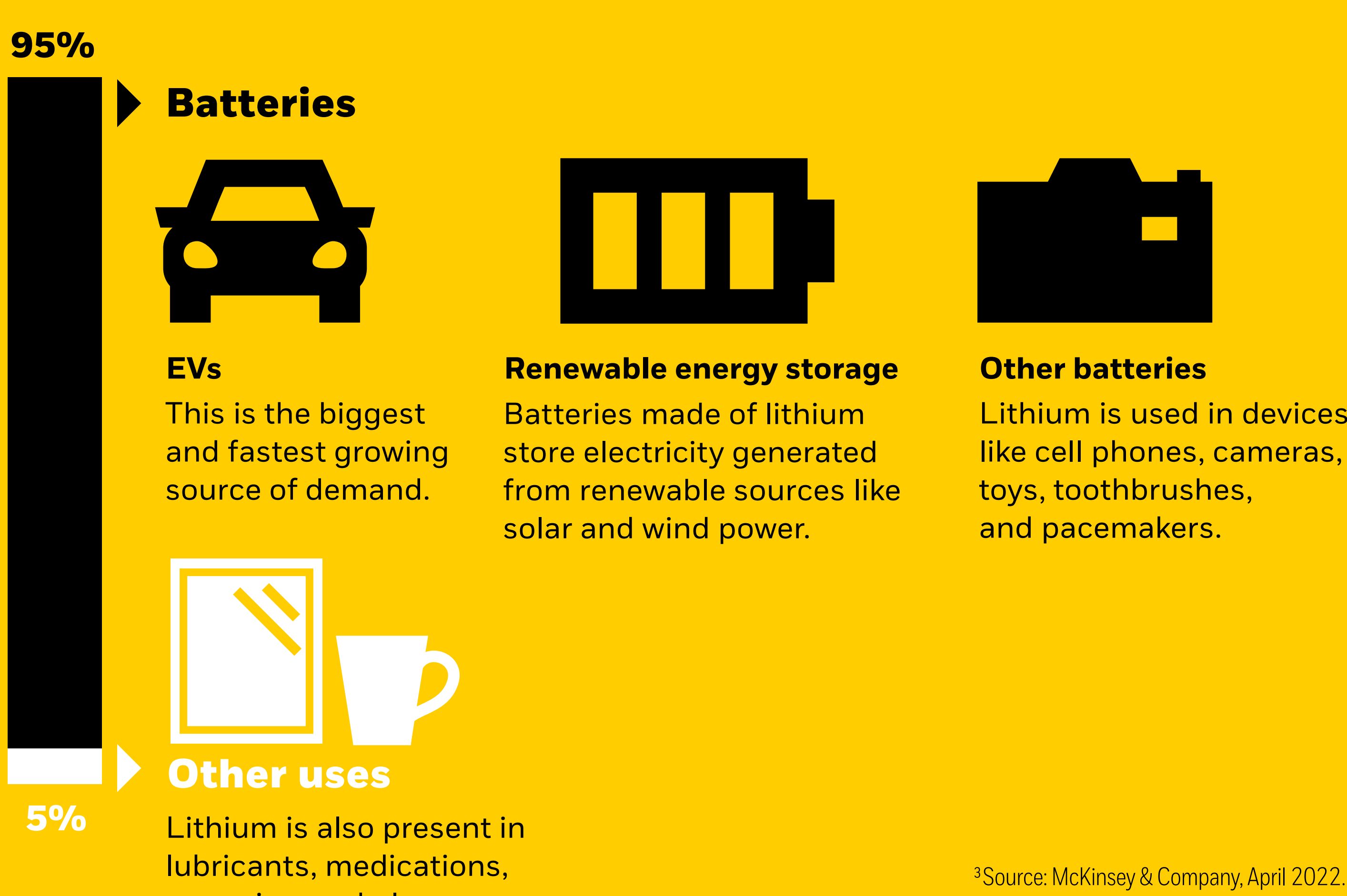
**“Lithium is a critical enabling material for the transition to a low-carbon economy. It plays a key role in energy storage solutions, and is a vital component of EV batteries.”**



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

## 2 WHAT IS LITHIUM USED IN?

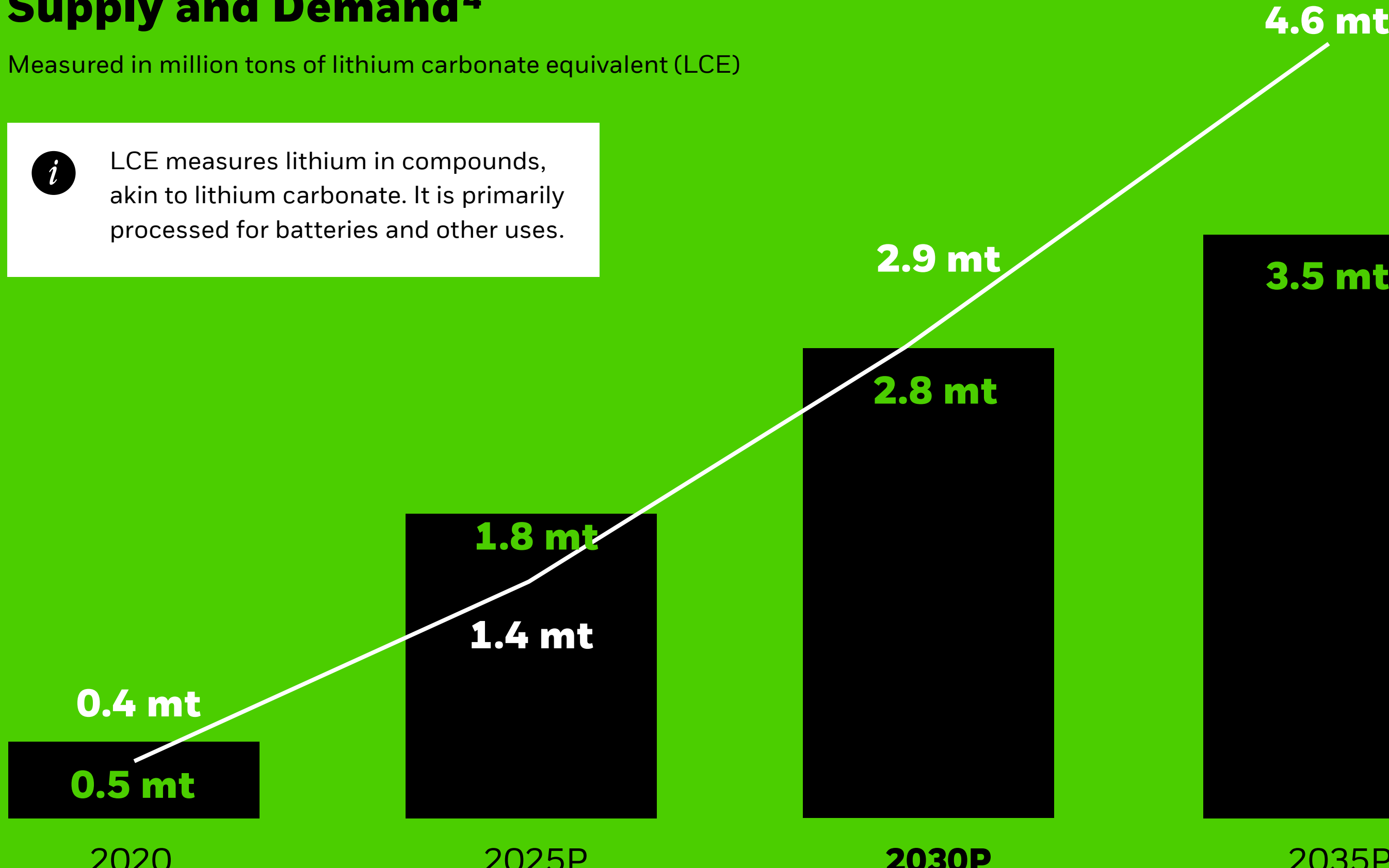
By 2030, batteries are anticipated to make up **95% of the demand for lithium**.<sup>3</sup>



## 3 WHEN WILL LITHIUM DEMAND EXCEED SUPPLY?

Demand for lithium is anticipated to **surpass supply by 2030**, but technological, financial, and geopolitical challenges could hinder extraction and processing even further.

### Forecasted Lithium Supply and Demand<sup>4</sup>



Investors looking to gain exposure to lithium may want to consider an ETF that seeks to track an index composed of companies primarily engaged in lithium mining and/or manufacturing.



Learn more about investing in lithium with iShares

#### iSHARES / BLACKROCK

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