



RystadEnergy



# Batteries Solution

Make better informed decisions with our complete solution for the global battery value chain and stay on top of the global battery market

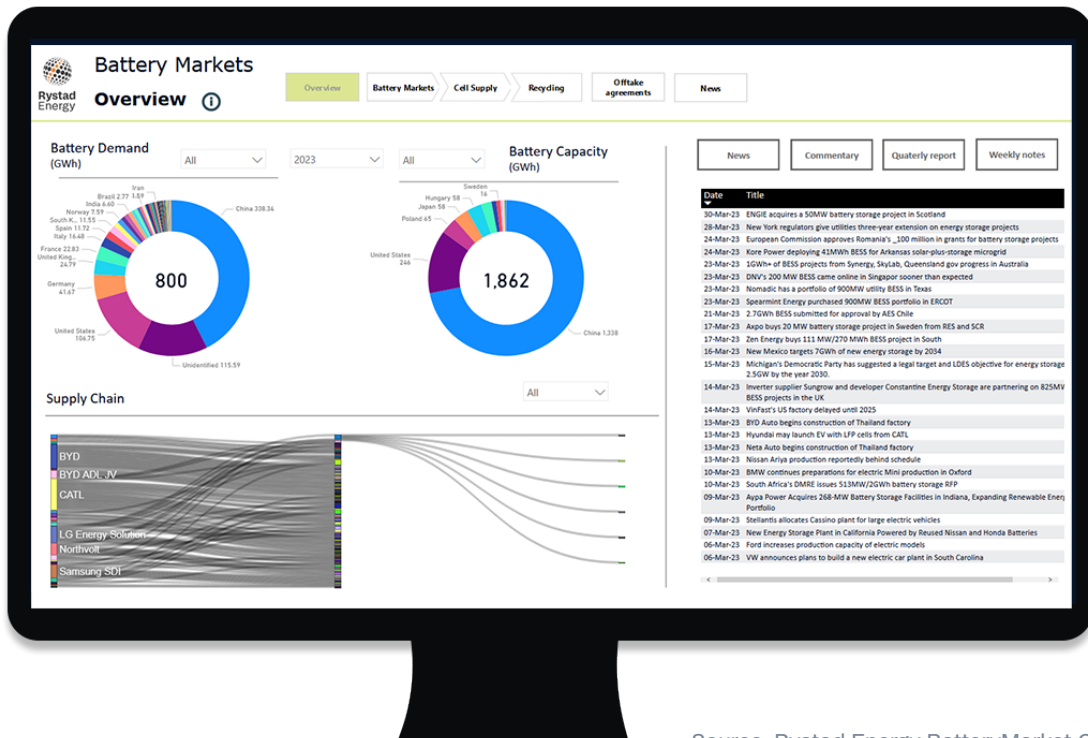


## Introduction

**As the energy transition accelerates** and countries and consumers decarbonize the transportation as well as power sector, global annual battery demand could surge exponentially.

**Understand** how it all ties into regional demand scenarios across all segments of transportation and energy storage at country and regional level.

**Explore** our bottom-up and global solution covering the entire battery value chain, from mining, refining, precursor, electrode, and cell production forecast and capacities. Analyze all facets of the macro battery market through a comprehensive battery investment analysis per country.



Source: Rystad Energy BatteryMarket Cube

## Products included

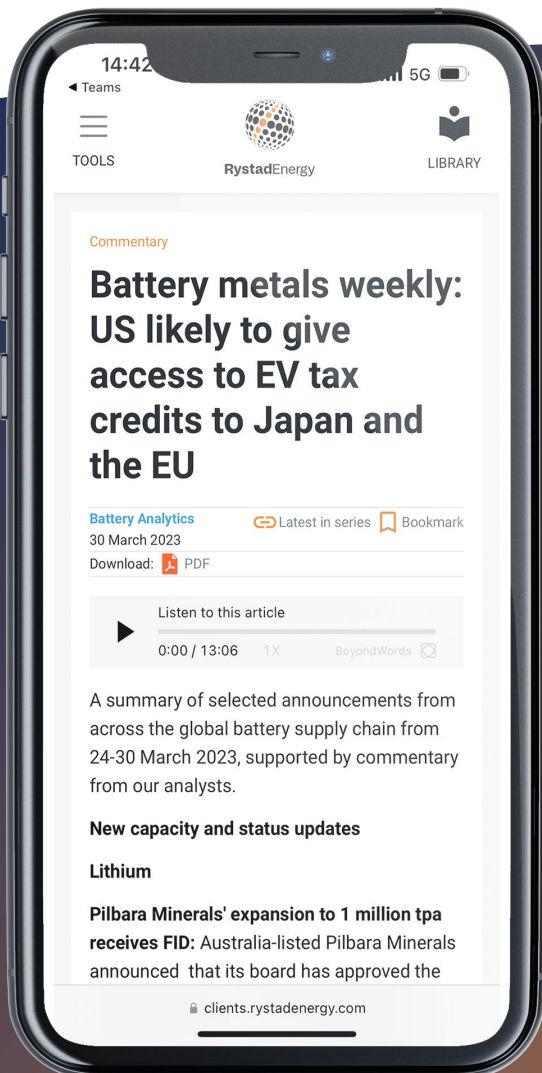
	Battery Market Cube	Battery Materials Cube	Battery Analytics
<b>Granularity</b>	Asset-level	Asset-level	
<b>Companies coverage</b>	200+ companies covered	1200+ companies covered	
<b>Geographic coverage</b>	Global	Global	Global
<b>Life cycle status</b>	✓	✓	
<b>Scenarios</b>	✓	✓	
<b>Economics</b>	<ul style="list-style-type: none"> <li>• CAPEX</li> <li>• Battery cell cost</li> </ul>	<ul style="list-style-type: none"> <li>• Mineral pricing</li> <li>• Mining OPEX</li> </ul>	
<b>Outlook</b>	Until 2050	Until 2031	Until 2050
<b>Supply Chain</b>	<ul style="list-style-type: none"> <li>• Battery cell supply</li> <li>• Battery recycling</li> <li>• Offtake agreements from mine to end-use sector</li> </ul>	<ul style="list-style-type: none"> <li>• Mining (Lithium, Cobalt, Nickel, Graphite)</li> <li>• Raw material processing</li> <li>• Precursor, Cathode and Anode production</li> <li>• Electrolyte and separator production</li> <li>• Mineral pricing (short and long-term)</li> <li>• Offtake agreements from mine to end-use sector</li> </ul>	<ul style="list-style-type: none"> <li>• Battery materials report (quarterly)</li> <li>• Cell supply update, (Special reports/whitepapers)</li> <li>• Weekly commentaries on supply chain topics</li> </ul>
<b>Market Fundamentals</b>	<ul style="list-style-type: none"> <li>• Public charging infrastructure</li> <li>• Battery demand (focus on Transportation and BESS)</li> <li>• EV sales per country and per company</li> </ul>	<ul style="list-style-type: none"> <li>• Mineral supply and demand balance</li> </ul>	<ul style="list-style-type: none"> <li>• Battery markets report (quarterly)</li> <li>• Electric Vehicle Sales Update (monthly)</li> <li>• Weekly commentaries on battery market topics</li> </ul>

## Key benefits

**Understand** how battery materials mines – nickel, lithium, cobalt & graphite are set to develop & new mines that will enter over the next ten years

**Determine** how quickly Europe and America might develop their own battery anode and cathode capacities

**Assess** cost developments through the supply chain by following our proprietary battery raw material, processing prices, and cost breakdown



## Key solution features

**A consistent** bottom-up approach with asset-level granularity

**Deep insights** into the Chinese dominance in the global battery processing/PCAM/CAM manufacturing

**Global EV sales** and energy storage trackers by country

**Analysis** of car manufacturers, including sales targets

## Providing a dedicated service to key industries

Suppliers

Industries

Investors



Energy  
Companies  
(Utilities)

Transportation  
(e.g. OEMs)

Banking



### Complementary solutions

#### Renewables & Power Solution

 [rystadenergy.com/services/renewables-and-power-solution](https://rystadenergy.com/services/renewables-and-power-solution)

#### Hydrogen Solution

 [rystadenergy.com/services/hydrogen-solution](https://rystadenergy.com/services/hydrogen-solution)

## Ready to try?

- Book a demo
- Speak to one of our experts

### Try Batteries Solution



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# RystadEnergy

Navigating the future of **energy**

Rystad Energy is an independent energy consulting services and business intelligence data firm offering global databases, strategy advisory and research products for energy companies and suppliers, investors, investment banks, organizations, and governments.

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