



## Batteries Service

Comprehensive data and analysis on the expanding market for lithium-ion battery cell manufacturing:

Identify and maximize near- and long-term opportunities across the industry with expert market research.

### End-to-end coverage of the rapidly expanding battery industry:

Insight into all major end markets for batteries, including automotive and transport, portable electronics, and the energy sector

Decades of expertise in researching raw material supply and processing market

Vast experience in understanding the development of fast-paced technology markets



#### Data

Detailed market size forecasts by technology and end market, delivered in Microsoft Excel and PDF.



#### Reports and Insights

Topical reports addressing key market and product segmentations, analysis of hot market trends throughout the year



#### Analyst Access

Prompt responses to urgent and unique questions in addition to quarterly conference calls.

IHS Markit's detailed coverage of **batteries** will help all stakeholders in the battery industry – from manufacturers to investors – keep track of the latest developments and understand the market outlook in order to make strategic decisions and investments.

### Key questions that our service addresses:

- How much demand for batteries will there be in the future? What is the outlook for each of the major end markets for batteries?
- What does this mean for technology trends? Which technologies will be favored in each end market?
- What are the next generation battery technologies, and what impact could they have?
- Who are the key suppliers of battery cells? How much capacity do they have today, and what plans do they have to expand capacity?
- How will supply compare to demand for battery cells? What will happen to costs, prices and supplier margins?
- What will happen to batteries at their end of their life? How important will repurposing and recycling be? How will the business models work?

## Research Agenda and Deliverables

This service supports IHS Markit clients with a continuous flow of research, presented in formats designed to make our insights, analysis, and advice succinct and easily accessible. Currently, the Batteries Service includes the following material:

### REGULARLY UPDATED DATASETS:

**Battery Market Tracker**  
(updated: bi-annually) Historical data and forecasts for battery demand by sector and technology, capacity and production for battery cells, price and cost analysis

**Battery Cell Manufacturer Database**  
(update: quarterly) Detailed analysis and forecasts for the buildout of battery cell manufacturing capacity, including a global database of battery cell factories.

### STRATEGIC REPORTS, INSIGHTS AND PRESENTATIONS:

**Second Life Battery Report**  
(May 2019) An analysis of the opportunities to re-deploy batteries from the automotive sector into other applications such as stationary energy storage at the end of their life.

**Battery Cell Manufacturer Competitive Landscape Report**  
(July 2019) Detailed profiles of the largest battery cell manufacturers, including analysis of their positioning in the supply chain, and supplier relationships.

**Next Generation Battery Technology Report**  
(Sep 2019) Insight into the landscape and supplier base for next generation battery technology, including solid state batteries, and forecasts for their adoption.

**Battery Recycling Report**  
(Dec 2019) A review of the requirements and business case for battery recycling to enable a long-term supply of batteries for all applications

**Analyst Presentations**  
(ad-hoc) Analyst presentations from customer briefings and conferences, providing key messages on industry developments and market trends

**Analyst Insights** (ad-hoc) Analyst reactions to industry developments and events released throughout the year, explaining the relevance, significance and impact for the market.

## Other battery-related insight products from IHS Markit:

### Lithium/Battery Materials

Monthly fundamental supply and demand analysis, global market balance insights, cost curves and prices.

### Stationary Energy Storage

Detailed forecasts and analysis of the grid-connected battery energy storage industry.

### Auto Supply Chain & Technology

Battery characteristics and technical parameters for light passenger vehicle batteries over a six-year forecast horizon researched by model.

### Auto Alternative Propulsion

Light passenger vehicle production forecast for alternative propulsion over a twelve-year forecast horizon researched by model.

### Mobility & Energy Future

Electric and alternative power train sales/fleet forecast scenarios to 2050, including fuel and power demand. Analysis of VMT, mobility as a service, and autonomous vehicles.

## For more information, please contact:

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