

The Global Market for Li-ion Battery Recycling 2024-2040

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Abstracts

The battery recycling industry is starting to take off. Originally, companies recycled Lithium-ion (Li-ion) batteries from mobile devices in relatively small quantities. While this still accounts for the majority of the market, the huge growth in EVs and increase in materials prices plus concerns regarding supply has driven development of Li-ion battery recycling technologies. With new battery plants planned by companies including General Motors, Ford, Tesla, Toyota, Hyundai and Panasonic open over the next few years, lithium-ion battery production will increase greatly (with >1.2 million tons of lithium-ion batteries reaching end of life by 2030), presenting a significant opportunity for recycling.

The Global Market for Li-ion Battery Recycling 2024-2040 provides an in-depth analysis of market drivers, challenges, value chain, technologies, and competitive landscape. This 168 page market report provides a comprehensive analysis of recycling technologies, value chain, regulations, sustainability impacts, and competitive landscape. Detailed regional analysis covers Europe, China, Asia Pacific, and North America. The report examines battery collection, discharging, dismantling, and mechanical pre-processing. The competitive landscape is analyzed including market leaders and start-ups. Extensive demand forecasts are presented along with growth opportunity analysis. The future technology roadmap compares emerging recycling approaches versus conventional methods.

Report contents include:

Market Size by chemistry, ktonnes, revenues and region, forecast to 2040.

Market trends, drivers and challenges analysis.



In-depth analysis of recycling methods and technologies.

Recycling of beyond-lithium batteries,

Analysis of the current market and future outlook.

Recent news and market developments including funding and capacities.

Global production capacities current and planned.

Profiles of 88 companies. Companies profiled include Akkuser Oy, BASF, Battery Pollution Technologies, Circunomics, Cylib, Econili Battery, GEM Co., Ltd., Green Li-ion, Green Mineral, Li-Cycle, Neu Battery Materials, Redwood Materials, Renewable Metals, Sumitomo and Tozero.



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