

Global Lithium-ion Battery Recycling Market Size study, by Chemistry (Lithium-nickel Manganese Cobalt (NMC), Lithium-iron Phosphate (LFP), Lithium-manganese Oxide Spinal(LMO), Lithium-titanite Oxide (Li-TO), Lithium-nickel Cobalt Aluminum Oxide (NCA), Lithium-cobalt Oxide (Li-CO)), Industry (Automotive, Power, Marine & Industrial) and Regional Forecasts 2019-2026

<https://marketpublishers.com/r/GC448A7B3926EN.html>

Date: April 2019

Pages: 200

Price: US\$ 3,950.00 (Single User License)

ID: GC448A7B3926EN

Abstracts

Global Lithium-ion Battery Recycling Market is valued approximately USD 2.2 billion in 2018 and is anticipated to grow with a healthy growth rate of more than 22.1 % over the forecast period 2019-2026. Lithium ion batteries are used in vast quantities in electronic and household devices. These batteries are widely used in end use industries owing to its high energy density, high voltages and low weight to volume ratio. These batteries have an expected lifespan of 3-5 years, with the increasing usage in end use industries, large waste stream of lithium ion battery is being generated. Lithium ion batteries contain toxic and flammable components, as well as valuable metals such as Li, Ni. For these reasons, there are benefits to recycling used LIBs, instead of disposal in landfills. In addition, improper methods of recycling and disposing of the battery result in contamination of the ground water, as lead and sulphuric acid get seeped into the soil. Again, if the batteries are disposed in rivers, lakes, streams and others, the hazardous components lead and sulphuric acid can threaten aquatic life. Thus, growing demand for recycled products & materials, demand for smart devices and industrial goods increase the demand for battery recycling. For instance, as per Recycling International, about 67, 000 tons of lithium ion batteries were recycled in china and about 18,000 tones in South Korea in 2018. Further, government subsidies to encourage battery

recycling is further creating growth prospects in the market. However, safety issues associated with the storage and transportation of disburshed batteries is anticipated to impede the growth of the market over the forecast period of 2019-2026.

The regional analysis of global Lithium-ion Battery Recycling market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia pacific is the leading/significant region across the world in terms of market. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2019-2026. Factors such as rising growing automotive industry, need for industrial applications would create lucrative growth prospects for the Lithium-ion Battery Recycling market across Asia-Pacific region.

Major market player included in this report are:

Umicore
Glencore
Retriev Technologies
Raw Materials Company (RMC)
International Metals Reclamation Company (INMETCO)
Metal Conversion Technologies (MCT)
American Manganese (AMI)
Sitrasa
TES-AMM
Li-Cycle Technology

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:
By Chemistry:

Lithium-nickel Manganese Cobalt (NMC)
Lithium-iron Phosphate (LFP)
Lithium-manganese Oxide Spinal(LMO)
Lithium-titanate Oxide (Li-TO)

Lithium-nickel Cobalt Aluminum Oxide (NCA)

Lithium-cobalt Oxide (Li-CO)

By Industry:

Automotive

Power

Marine

Industrial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017

Base year – 2018

Forecast period – 2019 to 2026

Target Audience of the Global Lithium-ion Battery Recycling Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2017-2026 (USD Billion)
 - 1.2.1. Lithium-ion Battery Recycling Market, by Region, 2017-2026 (USD Billion)
 - 1.2.2. Lithium-ion Battery Recycling Market, by Chemistry, 2017-2026 (USD Billion)
 - 1.2.3. Lithium-ion Battery Recycling Market, by Industry, 2017-2026 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET DYNAMICS

- 3.1. Lithium-ion Battery Recycling Market Impact Analysis (2018-2026)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry

- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2016-2026)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, BY CHEMISTRY

- 5.1. Market Snapshot
- 5.2. Global Lithium-ion Battery Recycling Market by Chemistry, Performance - Potential Analysis
- 5.3. Global Lithium-ion Battery Recycling Market Estimates & Forecasts by Chemistry 2016-2026 (USD Billion)
- 5.4. Lithium-ion Battery Recycling Market, Sub Segment Analysis
 - 5.4.1. Lithium-nickel Manganese Cobalt (NMC)
 - 5.4.2. Lithium-iron Phosphate (LFP)
 - 5.4.3. Lithium-manganese Oxide Spinel(LMO)
 - 5.4.4. Lithium-titanate Oxide (Li-TO)
 - 5.4.5. Lithium-nickel Cobalt Aluminum Oxide (NCA)
 - 5.4.6. Lithium-cobalt Oxide (Li-CO)

CHAPTER 6. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, BY INDUSTRY

- 6.1. Market Snapshot
- 6.2. Global Lithium-ion Battery Recycling Market by Industry, Performance - Potential Analysis
- 6.3. Global Lithium-ion Battery Recycling Market Estimates & Forecasts by Industry 2016-2026 (USD Billion)
- 6.4. Lithium-ion Battery Recycling Market, Sub Segment Analysis
 - 6.4.1. Automotive
 - 6.4.2. Power
 - 6.4.3. Marine
 - 6.4.4. Industrial

CHAPTER 7. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, REGIONAL ANALYSIS

- 7.1. Lithium-ion Battery Recycling Market, Regional Market Snapshot
- 7.2. North America Lithium-ion Battery Recycling Market
 - 7.2.1. U.S. Lithium-ion Battery Recycling Market
 - 7.2.1.1. Chemistry breakdown estimates & forecasts, 2016-2026
 - 7.2.1.2. Industry breakdown estimates & forecasts, 2016-2026
 - 7.2.2. Canada Lithium-ion Battery Recycling Market
- 7.3. Europe Lithium-ion Battery Recycling Market Snapshot
 - 7.3.1. U.K. Lithium-ion Battery Recycling Market
 - 7.3.2. Rest of Europe Lithium-ion Battery Recycling Market
- 7.4. Asia-Pacific Lithium-ion Battery Recycling Market Snapshot
 - 7.4.1. China Lithium-ion Battery Recycling Market
 - 7.4.2. India Lithium-ion Battery Recycling Market
 - 7.4.3. Japan Lithium-ion Battery Recycling Market
 - 7.4.4. Rest of Asia Pacific Lithium-ion Battery Recycling Market
- 7.5. Latin America Lithium-ion Battery Recycling Market Snapshot
 - 7.5.1. Brazil Lithium-ion Battery Recycling Market
 - 7.5.2. Mexico Lithium-ion Battery Recycling Market
- 7.6. Rest of The World Lithium-ion Battery Recycling Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. Umicore
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. Glencore
 - 8.2.3. Retrie Technologies
 - 8.2.4. Raw Materials Company (RMC)
 - 8.2.5. International Metals Reclamation Company (INMETCO)
 - 8.2.6. Metal Conversion Technologies (MCT)
 - 8.2.7. American Manganese (AMI)
 - 8.2.8. Sitrassa

8.2.9. TES-AMM

8.2.10. Li-Cycle Technology

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. LIST OF SECONDARY SOURCES, USED IN THE STUDY OF GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET

TABLE 2. LIST OF PRIMARY SOURCES, USED IN THE STUDY OF GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET

TABLE 3. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, REPORT SCOPE

TABLE 4. YEARS CONSIDERED FOR THE STUDY

TABLE 5. EXCHANGE RATES CONSIDERED

TABLE 6. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY REGION 2016-2026 (USD BILLION)

TABLE 7. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY CHEMISTRY 2016-2026 (USD BILLION)

TABLE 8. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY INDUSTRY 2016-2026 (USD BILLION)

TABLE 9. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 10. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 11. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 12. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 13. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 14. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 15. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 16. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 17. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 18. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 19. U.S. LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 20. U.S. LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 21. U.S. LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 22. CANADA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 23. CANADA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 24. CANADA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 25. UK LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 26. UK LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 27. UK LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 28. GERMANY LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 29. GERMANY LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 30. GERMANY LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 31. ROE LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 32. ROE LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 33. ROE LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 34. CHINA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 35. CHINA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 36. CHINA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 37. INDIA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 38. INDIA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 39. INDIA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES &

FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 40. JAPAN LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 41. JAPAN LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 42. JAPAN LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 43. ROAPAC LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 44. ROAPAC LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 45. ROAPAC LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 46. BRAZIL LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 47. BRAZIL LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 48. BRAZIL LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 49. MEXICO LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 50. MEXICO LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 51. MEXICO LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 52. ROLA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 53. ROLA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 54. ROLA LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 55. ROW LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 56. ROW LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 57. ROW LITHIUM-ION BATTERY RECYCLING MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

List Of Figures

LIST OF FIGURES

FIG 1. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, RESEARCH METHODOLOGY

FIG 2. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, MARKET ESTIMATION TECHNIQUES

FIG 3. GLOBAL MARKET SIZE ESTIMATES & FORECAST METHODS

FIG 4. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, KEY TRENDS 2018

FIG 5. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, GROWTH PROSPECTS 2019-2026

FIG 6. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, PORTERS 5 FORCE MODEL

FIG 7. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, PEST ANALYSIS

FIG 8. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, VALUE CHAIN ANALYSIS

FIG 9. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, 2016 & 2026 (USD BILLION)

FIG 10. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, 2016 & 2026 (USD BILLION)

FIG 11. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, 2016 & 2026 (USD BILLION)

FIG 12. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, 2016 & 2026 (USD BILLION)

FIG 13. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET BY SEGMENT, 2016 & 2026 (USD BILLION)

FIG 14. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, REGIONAL SNAPSHOT 2016 & 2026

FIG 15. NORTH AMERICA LITHIUM-ION BATTERY RECYCLING MARKET 2016 & 2026 (USD BILLION)

FIG 16. EUROPE LITHIUM-ION BATTERY RECYCLING MARKET 2016 & 2026 (USD BILLION)

FIG 17. ASIA PACIFIC LITHIUM-ION BATTERY RECYCLING MARKET 2016 & 2026 (USD BILLION)

FIG 18. LATIN AMERICA LITHIUM-ION BATTERY RECYCLING MARKET 2016 & 2026 (USD BILLION)

FIG 19. GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET, COMPANY MARKET SHARE ANALYSIS (2018)

COMPANIES MENTIONED

Umicore
Glencore
Retriev Technologies
Raw Materials Company (RMC)
International Metals Reclamation Company (INMETCO)
Metal Conversion Technologies (MCT)
American Manganese (AMI)
Sitrasa
TES-AMM
Li-Cycle Technology

I would like to order

Product name: Global Lithium-ion Battery Recycling Market Size study, by Chemistry (Lithium-nickel Manganese Cobalt (NMC), Lithium-iron Phosphate (LFP), Lithium-manganese Oxide Spinel(LMO), Lithium-titanite Oxide (Li-TO), Lithium-nickel Cobalt Aluminum Oxide (NCA), Lithium-cobalt Oxide (Li-CO)), Industry (Automotive, Power, Marine & Industrial) and Regional Forecasts 2019-2026

Product link: <https://marketpublishers.com/r/GC448A7B3926EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC448A7B3926EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970