

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Lithium-ion Battery Recycling Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G8E3A9479E6EN.html>

Date: December 2018

Pages: 130

Price: US\$ 4,392.00 (Single User License)

ID: G8E3A9479E6EN

Abstracts

Rising demand for electric vehicles due to government regulations and subsidies encouraging battery recycling, and growing demand for smart devices in emerging economies are the key factors driving the growth of this market.

Scope of the Report:

This report focuses on the Lithium-ion Battery Recycling in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Automotive is projected to be the largest industry segment of the lithium-ion battery recycling market.

The worldwide market for Lithium-ion Battery Recycling is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Umicore

Glencore

Retriev Technologies

Raw Materials

International Metals Reclamation

Metal Conversion Technologies

American Manganese (Ami)

Sitrasa

Tes-Amm

Li-Cycle Technology

Neometals

Recupyl Sas

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Lithium-nickel Manganese Cobalt

Lithium-iron Phosphate

Lithium-Manganese Oxide

LTO

NCA

LCO

Market Segment by Applications, can be divided into

Car

Ship

Industrial

Electric Power

There are 15 Chapters to deeply display the global Lithium-ion Battery Recycling market.

Chapter 1, to describe Lithium-ion Battery Recycling Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Lithium-ion Battery Recycling, with sales, revenue, and price of Lithium-ion Battery Recycling, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Lithium-ion Battery Recycling, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Lithium-ion Battery Recycl...

Chapter 12, Lithium-ion Battery Recycling market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Lithium-ion Battery Recycling sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Lithium-ion Battery Recycling Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Lithium-nickel Manganese Cobalt
 - 1.2.2 Lithium-iron Phosphate
 - 1.2.3 Lithium-Manganese Oxide
 - 1.2.4 LTO
 - 1.2.5 NCA
 - 1.2.6 LCO
- 1.3 Market Analysis by Applications
 - 1.3.1 Car
 - 1.3.2 Ship
 - 1.3.3 Industrial
 - 1.3.4 Electric Power
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)

1.4.4.5 Nigeria Market States and Outlook (2013-2023)

1.5 Market Dynamics

1.5.1 Market Opportunities

1.5.2 Market Risk

1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 Umicore

2.1.1 Business Overview

2.1.1.1 Umicore Description

2.1.1.2 Umicore Headquarter, Main Business and Finance Overview

2.1.2 Umicore Lithium-ion Battery Recycling Product Introduction

2.1.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.1.2.2 Lithium-ion Battery Recycling Product Information

2.1.3 Umicore Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 Umicore Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global Umicore Lithium-ion Battery Recycling Market Share in 2017

2.2 Glencore

2.2.1 Business Overview

2.2.1.1 Glencore Description

2.2.1.2 Glencore Headquarter, Main Business and Finance Overview

2.2.2 Glencore Lithium-ion Battery Recycling Product Introduction

2.2.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.2.2.2 Lithium-ion Battery Recycling Product Information

2.2.3 Glencore Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Glencore Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Glencore Lithium-ion Battery Recycling Market Share in 2017

2.3 Retrie Technologies

2.3.1 Business Overview

2.3.1.1 Retrie Technologies Description

2.3.1.2 Retrie Technologies Headquarter, Main Business and Finance Overview

2.3.2 Retrie Technologies Lithium-ion Battery Recycling Product Introduction

2.3.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.3.2.2 Lithium-ion Battery Recycling Product Information

2.3.3 Retrieval Technologies Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 Retrieval Technologies Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global Retrieval Technologies Lithium-ion Battery Recycling Market Share in 2017

2.4 Raw Materials

2.4.1 Business Overview

2.4.1.1 Raw Materials Description

2.4.1.2 Raw Materials Headquarter, Main Business and Finance Overview

2.4.2 Raw Materials Lithium-ion Battery Recycling Product Introduction

2.4.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.4.2.2 Lithium-ion Battery Recycling Product Information

2.4.3 Raw Materials Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Raw Materials Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Raw Materials Lithium-ion Battery Recycling Market Share in 2017

2.5 International Metals Reclamation

2.5.1 Business Overview

2.5.1.1 International Metals Reclamation Description

2.5.1.2 International Metals Reclamation Headquarter, Main Business and Finance Overview

2.5.2 International Metals Reclamation Lithium-ion Battery Recycling Product Introduction

2.5.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.5.2.2 Lithium-ion Battery Recycling Product Information

2.5.3 International Metals Reclamation Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 International Metals Reclamation Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global International Metals Reclamation Lithium-ion Battery Recycling Market Share in 2017

2.6 Metal Conversion Technologies

2.6.1 Business Overview

2.6.1.1 Metal Conversion Technologies Description

2.6.1.2 Metal Conversion Technologies Headquarter, Main Business and Finance Overview

2.6.2 Metal Conversion Technologies Lithium-ion Battery Recycling Product Introduction

2.6.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.6.2.2 Lithium-ion Battery Recycling Product Information

2.6.3 Metal Conversion Technologies Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Metal Conversion Technologies Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Metal Conversion Technologies Lithium-ion Battery Recycling Market Share in 2017

2.7 American Manganese (Ami)

2.7.1 Business Overview

2.7.1.1 American Manganese (Ami) Description

2.7.1.2 American Manganese (Ami) Headquarter, Main Business and Finance Overview

2.7.2 American Manganese (Ami) Lithium-ion Battery Recycling Product Introduction

2.7.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.7.2.2 Lithium-ion Battery Recycling Product Information

2.7.3 American Manganese (Ami) Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 American Manganese (Ami) Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global American Manganese (Ami) Lithium-ion Battery Recycling Market Share in 2017

2.8 Sitrasa

2.8.1 Business Overview

2.8.1.1 Sitrasa Description

2.8.1.2 Sitrasa Headquarter, Main Business and Finance Overview

2.8.2 Sitrasa Lithium-ion Battery Recycling Product Introduction

2.8.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.8.2.2 Lithium-ion Battery Recycling Product Information

2.8.3 Sitrasa Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and

Market Share (2016-2017)

2.8.3.1 Sitrasa Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global Sitrasa Lithium-ion Battery Recycling Market Share in 2017

2.9 Tes-Amm

2.9.1 Business Overview

2.9.1.1 Tes-Amm Description

2.9.1.2 Tes-Amm Headquarter, Main Business and Finance Overview

2.9.2 Tes-Amm Lithium-ion Battery Recycling Product Introduction

2.9.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.9.2.2 Lithium-ion Battery Recycling Product Information

2.9.3 Tes-Amm Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.1 Tes-Amm Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global Tes-Amm Lithium-ion Battery Recycling Market Share in 2017

2.10 Li-Cycle Technology

2.10.1 Business Overview

2.10.1.1 Li-Cycle Technology Description

2.10.1.2 Li-Cycle Technology Headquarter, Main Business and Finance Overview

2.10.2 Li-Cycle Technology Lithium-ion Battery Recycling Product Introduction

2.10.2.1 Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

2.10.2.2 Lithium-ion Battery Recycling Product Information

2.10.3 Li-Cycle Technology Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.1 Li-Cycle Technology Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.2 Global Li-Cycle Technology Lithium-ion Battery Recycling Market Share in 2017

2.11 Neometals

2.11.1 Business Overview

2.11.2 Neometals Lithium-ion Battery Recycling Product Introduction

2.11.3 Neometals Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.12 Recupyl Sas

2.12.1 Business Overview

2.12.2 Recupyl Sas Lithium-ion Battery Recycling Product Introduction

2.12.3 Recupyl Sas Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET COMPETITION, BY MANUFACTURER

3.1 Global Lithium-ion Battery Recycling Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Lithium-ion Battery Recycling Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global Lithium-ion Battery Recycling Price by Manufacturer (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Lithium-ion Battery Recycling Manufacturer Market Share in 2017

3.4.2 Top 5 Lithium-ion Battery Recycling Manufacturer Market Share in 2017

3.5 Market Competition Trend

4 GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET ANALYSIS BY REGIONS

4.1 Global Lithium-ion Battery Recycling Sales, Revenue and Market Share by Regions

4.1.1 Global Lithium-ion Battery Recycling Sales by Regions (2013-2018)

4.1.2 Global Lithium-ion Battery Recycling Revenue by Regions (2013-2018)

4.2 North America Lithium-ion Battery Recycling Sales, Revenue and Growth Rate (2013-2018)

4.3 Europe Lithium-ion Battery Recycling Sales, Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific Lithium-ion Battery Recycling Sales, Revenue and Growth Rate (2013-2018)

4.5 South America Lithium-ion Battery Recycling Sales, Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa Lithium-ion Battery Recycling Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA LITHIUM-ION BATTERY RECYCLING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

5.1 North America Lithium-ion Battery Recycling Sales, Revenue and Market Share by Countries

5.1.1 North America Lithium-ion Battery Recycling Sales by Countries (2013-2018)

- 5.1.2 North America Lithium-ion Battery Recycling Revenue by Countries (2013-2018)
- 5.1.3 United States Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 5.1.4 Canada Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 5.1.5 Mexico Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 5.2 North America Lithium-ion Battery Recycling Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America Lithium-ion Battery Recycling Sales by Manufacturers (2016-2017)
 - 5.2.2 North America Lithium-ion Battery Recycling Revenue by Manufacturers (2016-2017)
- 5.3 North America Lithium-ion Battery Recycling Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America Lithium-ion Battery Recycling Sales and Sales Share by Type (2013-2018)
 - 5.3.2 North America Lithium-ion Battery Recycling Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Lithium-ion Battery Recycling Sales, Revenue and Market Share by Application (2013-2018)
 - 5.4.1 North America Lithium-ion Battery Recycling Sales and Sales Share by Application (2013-2018)
 - 5.4.2 North America Lithium-ion Battery Recycling Revenue and Revenue Share by Application (2013-2018)

6 EUROPE LITHIUM-ION BATTERY RECYCLING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 6.1 Europe Lithium-ion Battery Recycling Sales, Revenue and Market Share by Countries
 - 6.1.1 Europe Lithium-ion Battery Recycling Sales by Countries (2013-2018)
 - 6.1.2 Europe Lithium-ion Battery Recycling Revenue by Countries (2013-2018)
 - 6.1.3 Germany Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
 - 6.1.4 UK Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
 - 6.1.5 France Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
 - 6.1.6 Russia Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
 - 6.1.7 Italy Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 6.2 Europe Lithium-ion Battery Recycling Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 6.2.1 Europe Lithium-ion Battery Recycling Sales by Manufacturers (2016-2017)
 - 6.2.2 Europe Lithium-ion Battery Recycling Revenue by Manufacturers (2016-2017)

6.3 Europe Lithium-ion Battery Recycling Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe Lithium-ion Battery Recycling Sales and Sales Share by Type (2013-2018)

6.3.2 Europe Lithium-ion Battery Recycling Revenue and Revenue Share by Type (2013-2018)

6.4 Europe Lithium-ion Battery Recycling Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe Lithium-ion Battery Recycling Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Lithium-ion Battery Recycling Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC LITHIUM-ION BATTERY RECYCLING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Lithium-ion Battery Recycling Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Lithium-ion Battery Recycling Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Lithium-ion Battery Recycling Revenue by Countries (2013-2018)

7.1.3 China Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

7.1.4 Japan Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

7.1.5 Korea Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

7.1.6 India Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Lithium-ion Battery Recycling Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Lithium-ion Battery Recycling Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Lithium-ion Battery Recycling Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Lithium-ion Battery Recycling Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific Lithium-ion Battery Recycling Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Lithium-ion Battery Recycling Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Lithium-ion Battery Recycling Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Lithium-ion Battery Recycling Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Lithium-ion Battery Recycling Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA LITHIUM-ION BATTERY RECYCLING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Lithium-ion Battery Recycling Sales, Revenue and Market Share by Countries

8.1.1 South America Lithium-ion Battery Recycling Sales by Countries (2013-2018)

8.1.2 South America Lithium-ion Battery Recycling Revenue by Countries (2013-2018)

8.1.3 Brazil Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

8.1.4 Argentina Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

8.1.5 Colombia Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

8.2 South America Lithium-ion Battery Recycling Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Lithium-ion Battery Recycling Sales by Manufacturers (2016-2017)

8.2.2 South America Lithium-ion Battery Recycling Revenue by Manufacturers (2016-2017)

8.3 South America Lithium-ion Battery Recycling Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Lithium-ion Battery Recycling Sales and Sales Share by Type (2013-2018)

8.3.2 South America Lithium-ion Battery Recycling Revenue and Revenue Share by Type (2013-2018)

8.4 South America Lithium-ion Battery Recycling Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Lithium-ion Battery Recycling Sales and Sales Share by Application (2013-2018)

8.4.2 South America Lithium-ion Battery Recycling Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA LITHIUM-ION BATTERY RECYCLING BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Lithium-ion Battery Recycling Sales, Revenue and Market Share by Countries

- 9.1.1 Middle East and Africa Lithium-ion Battery Recycling Sales by Countries (2013-2018)
- 9.1.2 Middle East and Africa Lithium-ion Battery Recycling Revenue by Countries (2013-2018)
- 9.1.3 Saudi Arabia Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 9.1.4 UAE Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 9.1.5 Egypt Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 9.1.6 Nigeria Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 9.1.7 South Africa Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
- 9.2 Middle East and Africa Lithium-ion Battery Recycling Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 9.2.1 Middle East and Africa Lithium-ion Battery Recycling Sales by Manufacturers (2016-2017)
 - 9.2.2 Middle East and Africa Lithium-ion Battery Recycling Revenue by Manufacturers (2016-2017)
- 9.3 Middle East and Africa Lithium-ion Battery Recycling Sales, Revenue and Market Share by Type (2013-2018)
 - 9.3.1 Middle East and Africa Lithium-ion Battery Recycling Sales and Sales Share by Type (2013-2018)
 - 9.3.1 Middle East and Africa Lithium-ion Battery Recycling Revenue and Revenue Share by Type (2013-2018)
- 9.4 Middle East and Africa Lithium-ion Battery Recycling Sales, Revenue and Market Share by Application (2013-2018)
 - 9.4.1 Middle East and Africa Lithium-ion Battery Recycling Sales and Sales Share by Application (2013-2018)
 - 9.4.2 Middle East and Africa Lithium-ion Battery Recycling Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET SEGMENT BY TYPE

- 10.1 Global Lithium-ion Battery Recycling Sales, Revenue and Market Share by Type (2013-2018)
 - 10.1.1 Global Lithium-ion Battery Recycling Sales and Market Share by Type (2013-2018)
 - 10.1.2 Global Lithium-ion Battery Recycling Revenue and Market Share by Type (2013-2018)
- 10.2 Lithium-nickel Manganese Cobalt Sales Growth and Price
 - 10.2.1 Global Lithium-nickel Manganese Cobalt Sales Growth (2013-2018)
 - 10.2.2 Global Lithium-nickel Manganese Cobalt Price (2013-2018)

10.3 Lithium-iron Phosphate Sales Growth and Price

10.3.1 Global Lithium-iron Phosphate Sales Growth (2013-2018)

10.3.2 Global Lithium-iron Phosphate Price (2013-2018)

10.4 Lithium-Manganese Oxide Sales Growth and Price

10.4.1 Global Lithium-Manganese Oxide Sales Growth (2013-2018)

10.4.2 Global Lithium-Manganese Oxide Price (2013-2018)

10.5 LTO Sales Growth and Price

10.5.1 Global LTO Sales Growth (2013-2018)

10.5.2 Global LTO Price (2013-2018)

10.6 NCA Sales Growth and Price

10.6.1 Global NCA Sales Growth (2013-2018)

10.6.2 Global NCA Price (2013-2018)

10.7 LCO Sales Growth and Price

10.7.1 Global LCO Sales Growth (2013-2018)

10.7.2 Global LCO Price (2013-2018)

11 GLOBAL LITHIUM-ION BATTERY RECYCLING MARKET SEGMENT BY APPLICATION

11.1 Global Lithium-ion Battery Recycling Sales Market Share by Application (2013-2018)

11.2 Car Sales Growth (2013-2018)

11.3 Ship Sales Growth (2013-2018)

11.4 Industrial Sales Growth (2013-2018)

11.5 Electric Power Sales Growth (2013-2018)

12 LITHIUM-ION BATTERY RECYCLING MARKET FORECAST (2018-2023)

12.1 Global Lithium-ion Battery Recycling Sales, Revenue and Growth Rate (2018-2023)

12.2 Lithium-ion Battery Recycling Market Forecast by Regions (2018-2023)

12.2.1 North America Lithium-ion Battery Recycling Market Forecast (2018-2023)

12.2.2 Europe Lithium-ion Battery Recycling Market Forecast (2018-2023)

12.2.3 Asia-Pacific Lithium-ion Battery Recycling Market Forecast (2018-2023)

12.2.4 South America Lithium-ion Battery Recycling Market Forecast (2018-2023)

12.2.5 Middle East and Africa Lithium-ion Battery Recycling Market Forecast (2018-2023)

12.3 Lithium-ion Battery Recycling Market Forecast by Type (2018-2023)

12.3.1 Global Lithium-ion Battery Recycling Sales Forecast by Type (2018-2023)

12.3.2 Global Lithium-ion Battery Recycling Market Share Forecast by Type
(2018-2023)

12.4 Lithium-ion Battery Recycling Market Forecast by Application (2018-2023)

12.4.1 Global Lithium-ion Battery Recycling Sales Forecast by Application (2018-2023)

12.4.2 Global Lithium-ion Battery Recycling Market Share Forecast by Application
(2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Lithium-ion Battery Recycling Picture

Table Product Specifications of Lithium-ion Battery Recycling

Figure Global Lithium-ion Battery Recycling CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Lithium-ion Battery Recycling CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Lithium-ion Battery Recycling by Types in 2017

Figure Lithium-nickel Manganese Cobalt Picture

Table Major Manufacturers of Lithium-nickel Manganese Cobalt

Figure Lithium-iron Phosphate Picture

Table Major Manufacturers of Lithium-iron Phosphate

Figure Lithium-Manganese Oxide Picture

Table Major Manufacturers of Lithium-Manganese Oxide

Figure LTO Picture

Table Major Manufacturers of LTO

Figure NCA Picture

Table Major Manufacturers of NCA

Figure LCO Picture

Table Major Manufacturers of LCO

Figure Lithium-ion Battery Recycling Sales Market Share by Applications in 2017

Figure Car Picture

Figure Ship Picture

Figure Industrial Picture

Figure Electric Power Picture

Figure United States Lithium-ion Battery Recycling Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Lithium-ion Battery Recycling Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Lithium-ion Battery Recycling Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Lithium-ion Battery Recycling Revenue (Value) and Growth Rate (2013-2023)

Figure France Lithium-ion Battery Recycling Revenue (Value) and Growth Rate (2013-2023)

Figure UK Lithium-ion Battery Recycling Revenue (Value) and Growth Rate

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Lithium-ion Battery Recycl...

(2013-2023)

Figure Russia Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure Italy Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure China Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure Japan Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure Korea Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure India Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure Southeast Asia Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure Brazil Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure Egypt Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure Saudi Arabia Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure South Africa Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Figure Nigeria Lithium-ion Battery Recycling Revenue (Value) and Growth Rate
(2013-2023)

Table Umicore Headquarter, Established, Main Business and Finance Overview (2017)

Table Umicore Lithium-ion Battery Recycling Production Bases, Sales Regions and
Major Competitors

Table Umicore Lithium-ion Battery Recycling Product

Table Umicore Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and
Market Share (2016-2017)

Figure Global Umicore Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global Umicore Lithium-ion Battery Recycling Revenue Market Share in 2017

Table Glencore Headquarter, Established, Main Business and Finance Overview (2017)

Table Glencore Lithium-ion Battery Recycling Production Bases, Sales Regions and
Major Competitors

Table Glencore Lithium-ion Battery Recycling Product

Table Glencore Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and
Market Share (2016-2017)

Figure Global Glencore Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global Glencore Lithium-ion Battery Recycling Revenue Market Share in 2017

Table Retrie Technologies Headquarter, Established, Main Business and Finance Overview (2017)

Table Retrie Technologies Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

Table Retrie Technologies Lithium-ion Battery Recycling Product

Table Retrie Technologies Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Retrie Technologies Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global Retrie Technologies Lithium-ion Battery Recycling Revenue Market Share in 2017

Table Raw Materials Headquarter, Established, Main Business and Finance Overview (2017)

Table Raw Materials Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

Table Raw Materials Lithium-ion Battery Recycling Product

Table Raw Materials Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Raw Materials Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global Raw Materials Lithium-ion Battery Recycling Revenue Market Share in 2017

Table International Metals Reclamation Headquarter, Established, Main Business and Finance Overview (2017)

Table International Metals Reclamation Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

Table International Metals Reclamation Lithium-ion Battery Recycling Product

Table International Metals Reclamation Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global International Metals Reclamation Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global International Metals Reclamation Lithium-ion Battery Recycling Revenue Market Share in 2017

Table Metal Conversion Technologies Headquarter, Established, Main Business and Finance Overview (2017)

Table Metal Conversion Technologies Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

Table Metal Conversion Technologies Lithium-ion Battery Recycling Product

Table Metal Conversion Technologies Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Metal Conversion Technologies Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global Metal Conversion Technologies Lithium-ion Battery Recycling Revenue Market Share in 2017

Table American Manganese (Ami) Headquarter, Established, Main Business and Finance Overview (2017)

Table American Manganese (Ami) Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

Table American Manganese (Ami) Lithium-ion Battery Recycling Product

Table American Manganese (Ami) Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global American Manganese (Ami) Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global American Manganese (Ami) Lithium-ion Battery Recycling Revenue Market Share in 2017

Table Sitrasa Headquarter, Established, Main Business and Finance Overview (2017)

Table Sitrasa Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

Table Sitrasa Lithium-ion Battery Recycling Product

Table Sitrasa Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Sitrasa Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global Sitrasa Lithium-ion Battery Recycling Revenue Market Share in 2017

Table Tes-Amm Headquarter, Established, Main Business and Finance Overview (2017)

Table Tes-Amm Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

Table Tes-Amm Lithium-ion Battery Recycling Product

Table Tes-Amm Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Tes-Amm Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global Tes-Amm Lithium-ion Battery Recycling Revenue Market Share in 2017

Table Li-Cycle Technology Headquarter, Established, Main Business and Finance Overview (2017)

Table Li-Cycle Technology Lithium-ion Battery Recycling Production Bases, Sales Regions and Major Competitors

Table Li-Cycle Technology Lithium-ion Battery Recycling Product

Table Li-Cycle Technology Lithium-ion Battery Recycling Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Li-Cycle Technology Lithium-ion Battery Recycling Sales Market Share in 2017

Figure Global Li-Cycle Technology Lithium-ion Battery Recycling Revenue Market Share in 2017

Table Neometals

Table Neometals Lithium-ion Battery Recycling

Table Recupyl Sas

Table Recupyl Sas Lithium-ion Battery Recycling

Table Global Lithium-ion Battery Recycling Sales by Manufacturer (2016-2017)

Figure Global Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2016

Figure Global Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2017

Table Global Lithium-ion Battery Recycling Revenue by Manufacturer (2016-2017)

Figure Global Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2016

Figure Global Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2017

Table Global Lithium-ion Battery Recycling Price by Manufacturer (2016-2017)

Figure Top 3 Lithium-ion Battery Recycling Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Lithium-ion Battery Recycling Manufacturer (Revenue) Market Share in 2017

Figure Global Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Global Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Table Global Lithium-ion Battery Recycling Sales by Regions (2013-2018)

Table Global Lithium-ion Battery Recycling Sales Market Share by Regions (2013-2018)

Table Global Lithium-ion Battery Recycling Revenue by Regions (2013-2018)

Figure Global Lithium-ion Battery Recycling Revenue Market Share by Regions in 2013

Figure Global Lithium-ion Battery Recycling Revenue Market Share by Regions in 2017

Figure North America Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure North America Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Figure Europe Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Europe Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Figure South America Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure South America Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Figure North America Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Table North America Lithium-ion Battery Recycling Sales by Countries (2013-2018)

Table North America Lithium-ion Battery Recycling Sales Market Share by Countries (2013-2018)

Figure North America Lithium-ion Battery Recycling Sales Market Share by Countries in 2013

Figure North America Lithium-ion Battery Recycling Sales Market Share by Countries in 2017

Table North America Lithium-ion Battery Recycling Revenue by Countries (2013-2018)

Table North America Lithium-ion Battery Recycling Revenue Market Share by Countries (2013-2018)

Figure North America Lithium-ion Battery Recycling Revenue Market Share by Countries in 2013

Figure North America Lithium-ion Battery Recycling Revenue Market Share by Countries in 2017

Figure United States Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Canada Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Mexico Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Table North America Lithium-ion Battery Recycling Sales by Manufacturer (2016-2017)

Figure North America Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2016

Figure North America Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2017

Table North America Lithium-ion Battery Recycling Revenue by Manufacturer (2016-2017)

Figure North America Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2016

Figure North America Lithium-ion Battery Recycling Revenue Market Share by

Manufacturer in 2017

Table North America Lithium-ion Battery Recycling Sales by Type (2013-2018)

Table North America Lithium-ion Battery Recycling Sales Share by Type (2013-2018)

Table North America Lithium-ion Battery Recycling Revenue by Type (2013-2018)

Table North America Lithium-ion Battery Recycling Revenue Share by Type
(2013-2018)

Table North America Lithium-ion Battery Recycling Sales by Application (2013-2018)

Table North America Lithium-ion Battery Recycling Sales Share by Application
(2013-2018)

Table North America Lithium-ion Battery Recycling Revenue by Application (2013-2018)

Table North America Lithium-ion Battery Recycling Revenue Share by Application
(2013-2018)

Figure Europe Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Table Europe Lithium-ion Battery Recycling Sales by Countries (2013-2018)

Table Europe Lithium-ion Battery Recycling Sales Market Share by Countries
(2013-2018)

Table Europe Lithium-ion Battery Recycling Revenue by Countries (2013-2018)

Figure Europe Lithium-ion Battery Recycling Revenue Market Share by Countries in
2016

Figure Europe Lithium-ion Battery Recycling Revenue Market Share by Countries in
2017

Figure Germany Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure UK Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure France Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Russia Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Italy Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Table Europe Lithium-ion Battery Recycling Sales by Manufacturer (2016-2017)

Figure Europe Lithium-ion Battery Recycling Sales Market Share by Manufacturer in
2016

Figure Europe Lithium-ion Battery Recycling Sales Market Share by Manufacturer in
2017

Table Europe Lithium-ion Battery Recycling Revenue by Manufacturer (2016-2017)

Figure Europe Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in
2016

Figure Europe Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in
2017

Table Europe Lithium-ion Battery Recycling Sales by Type (2013-2018)

Table Europe Lithium-ion Battery Recycling Sales Share by Type (2013-2018)

Table Europe Lithium-ion Battery Recycling Revenue by Type (2013-2018)

Table Europe Lithium-ion Battery Recycling Revenue Share by Type (2013-2018)
Table Europe Lithium-ion Battery Recycling Sales by Application (2013-2018)
Table Europe Lithium-ion Battery Recycling Sales Share by Application (2013-2018)
Table Europe Lithium-ion Battery Recycling Revenue by Application (2013-2018)
Table Europe Lithium-ion Battery Recycling Revenue Share by Application (2013-2018)
Figure Asia-Pacific Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Sales by Countries (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Sales Market Share by Countries (2013-2018)
Figure Asia-Pacific Lithium-ion Battery Recycling Sales Market Share by Countries 2017
Table Asia-Pacific Lithium-ion Battery Recycling Revenue by Countries (2013-2018)
Figure Asia-Pacific Lithium-ion Battery Recycling Revenue Market Share by Countries 2017
Figure China Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
Figure Japan Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
Figure Korea Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
Figure India Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
Figure Southeast Asia Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Sales by Manufacturer (2016-2017)
Figure Asia-Pacific Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2016
Figure Asia-Pacific Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2017
Table Asia-Pacific Lithium-ion Battery Recycling Revenue by Manufacturer (2016-2017)
Figure Asia-Pacific Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2016
Figure Asia-Pacific Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2017
Table Asia-Pacific Lithium-ion Battery Recycling Sales by Type (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Sales Share by Type (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Revenue by Type (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Revenue Share by Type (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Sales by Application (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Sales Share by Application (2013-2018)
Table Asia-Pacific Lithium-ion Battery Recycling Revenue by Application (2013-2018)

Table Asia-Pacific Lithium-ion Battery Recycling Revenue Share by Application (2013-2018)

Figure South America Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Table South America Lithium-ion Battery Recycling Sales by Countries (2013-2018)

Table South America Lithium-ion Battery Recycling Sales Market Share by Countries (2013-2018)

Figure South America Lithium-ion Battery Recycling Sales Market Share by Countries in 2017

Table South America Lithium-ion Battery Recycling Revenue by Countries (2013-2018)

Table South America Lithium-ion Battery Recycling Revenue Market Share by Countries (2013-2018)

Figure South America Lithium-ion Battery Recycling Revenue Market Share by Countries in 2017

Figure Brazil Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Argentina Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Colombia Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Table South America Lithium-ion Battery Recycling Sales by Manufacturer (2016-2017)

Figure South America Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2016

Figure South America Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2017

Table South America Lithium-ion Battery Recycling Revenue by Manufacturer (2016-2017)

Figure South America Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2016

Figure South America Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2017

Table South America Lithium-ion Battery Recycling Sales by Type (2013-2018)

Table South America Lithium-ion Battery Recycling Sales Share by Type (2013-2018)

Table South America Lithium-ion Battery Recycling Revenue by Type (2013-2018)

Table South America Lithium-ion Battery Recycling Revenue Share by Type (2013-2018)

Table South America Lithium-ion Battery Recycling Sales by Application (2013-2018)

Table South America Lithium-ion Battery Recycling Sales Share by Application (2013-2018)

Table South America Lithium-ion Battery Recycling Revenue by Application (2013-2018)

Table South America Lithium-ion Battery Recycling Revenue Share by Application

(2013-2018)

Figure Middle East and Africa Lithium-ion Battery Recycling Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Sales by Countries (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Lithium-ion Battery Recycling Sales Market Share by Countries in 2017

Table Middle East and Africa Lithium-ion Battery Recycling Revenue by Countries (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Lithium-ion Battery Recycling Revenue Market Share by Countries in 2013

Figure Middle East and Africa Lithium-ion Battery Recycling Revenue Market Share by Countries in 2017

Figure Saudi Arabia Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure UAE Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Egypt Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure Nigeria Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Figure South Africa Lithium-ion Battery Recycling Sales and Growth Rate (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Lithium-ion Battery Recycling Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Lithium-ion Battery Recycling Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Lithium-ion Battery Recycling Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Lithium-ion Battery Recycling Sales by Type (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Sales Share by Type (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Revenue by Type (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Revenue Share by Type (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Sales by Application (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Sales Share by Application (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Revenue by Application (2013-2018)

Table Middle East and Africa Lithium-ion Battery Recycling Revenue Share by Application (2013-2018)

Table Global Lithium-ion Battery Recycling Sales by Type (2013-2018)

Table Global Lithium-ion Battery Recycling Sales Share by Type (2013-2018)

Table Global Lithium-ion Battery Recycling Revenue by Type (2013-2018)

Table Global Lithium-ion Battery Recycling Revenue Share by Type (2013-2018)

Figure Global Lithium-nickel Manganese Cobalt Sales Growth (2013-2018)

Figure Global Lithium-nickel Manganese Cobalt Price (2013-2018)

Figure Global Lithium-iron Phosphate Sales Growth (2013-2018)

Figure Global Lithium-iron Phosphate Price (2013-2018)

Figure Global Lithium-Manganese Oxide Sales Growth (2013-2018)

Figure Global Lithium-Manganese Oxide Price (2013-2018)

Figure Global LTO Sales Growth (2013-2018)

Figure Global LTO Price (2013-2018)

Figure Global NCA Sales Growth (2013-2018)

Figure Global NCA Price (2013-2018)

Figure Global LCO Sales Growth (2013-2018)

Figure Global LCO Price (2013-2018)

Table Global Lithium-ion Battery Recycling Sales by Application (2013-2018)

Table Global Lithium-ion Battery Recycling Sales Share by Application (2013-2018)

Figure Global Car Sales Growth (2013-2018)

Figure Global Ship Sales Growth (2013-2018)

Figure Global Industrial Sales Growth (2013-2018)

Figure Global Electric Power Sales Growth (2013-2018)

Figure Global Lithium-ion Battery Recycling Sales, Revenue and Growth Rate (2018-2023)

Table Global Lithium-ion Battery Recycling Sales Forecast by Regions (2018-2023)

Table Global Lithium-ion Battery Recycling Market Share Forecast by Regions (2018-2023)

Figure North America Sales Lithium-ion Battery Recycling Market Forecast (2018-2023)

Figure Europe Sales Lithium-ion Battery Recycling Market Forecast (2018-2023)

Figure Asia-Pacific Sales Lithium-ion Battery Recycling Market Forecast (2018-2023)

Figure South America Sales Lithium-ion Battery Recycling Market Forecast (2018-2023)

Figure Middle East and Africa Sales Lithium-ion Battery Recycling Market Forecast
(2018-2023)

Table Global Lithium-ion Battery Recycling Sales Forecast by Type (2018-2023)

Table Global Lithium-ion Battery Recycling Market Share Forecast by Type (2018-2023)

Table Global Lithium-ion Battery Recycling Sales Forecast by Application (2018-2023)

Table Global Lithium-ion Battery Recycling Market Share Forecast by Application
(2018-2023)

Table Distributors/Traders/ Dealers List

I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)
Lithium-ion Battery Recycling Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/G8E3A9479E6EN.html>

Price: US\$ 4,392.00 (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/G8E3A9479E6EN.html>