

Cathode Materials Market by Battery Type (Lead-Acid, Lithium-ion), Material (Lithium-Ion (LFP, LCO, NMC, NCA, LMO), Lead-Acid (Lead Dioxide)), End-Use, and Region (Asia Pacific, North America, Europe, and Row) - Global Forecast to 2027

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Abstracts

The cathode materials market is projected to grow from USD 25.9 billion in 2022 to USD 52.6 billion by 2027, at a CAGR of 15.2% from 2022 to 2027. The rise in demand for EVs and growing demand for consumer electronics are driving the market.

“The lithium-ion battery type is projected to grow at the highest CAGR during the forecast period, in terms of value.”

Based on type, lithium-ion battery is projected to grow at the highest CAGR during 2022 to 2027, by value. Since power requirement for any application is a major concern for end users, OEMs are increasingly moving toward adopting Li-ion batteries owing to their high capacity and lightweight properties.

“The lithium-ion cathode material is projected to grow at the highest CAGR during the forecast period, in terms of value.”

Based on material type, the lithium-ion cathode material is projected to grow at the highest CAGR from 2022 to 2027, by value. Lithium Cobalt Oxide (LCO), Lithium Iron Phosphate (LFP), Lithium Manganese Oxide (LMO), Lithium Nickel Manganese Cobalt Oxide (NMC) / (NCM), Lithium Nickel Cobalt Aluminum Oxide (NCA), among others, are the majorly used cathode materials in the Li-ion battery industry. These materials have high storage capability, high energy density, long cycle & calendar life, ease of processing, and safety. Hence, such factors will fuel the demand for lithium-ion cathode

materials.

“The automotive segment is projected to account for the largest market share by end-use during the forecast period, in terms of value.”

Based on end-use, the automotive segment is projected to account for the largest market share by end-use during the forecast period, in terms of value. Automotive lead-acid batteries have undergone major developments to accommodate the increased electrical requirements of modern automobiles and the increasing need for efficiency. Furthermore, owing to environmental concerns and awareness about clean and sustainable fuel, there is a rise in the demand for EVs. Government initiatives and regulations support the adoption of EVs around the world. Thus, such factors are expected to boost the demand of cathode materials for the automotive segment.

Profile break-up of primary participants for the report:

By Company Type: Tier 1 – 65%, Tier 2 – 20%, and Tier 3 – 15%

By Designation: C-level Executives – 25%, Directors – 30%, Others – 45%

By Region: North America – 15%, Europe – 20%, Asia Pacific – 55%, South America – 7%, Middle East & Africa – 3%,

As a part of qualitative analysis, the research provides a comprehensive review of market drivers, restraints, opportunities, and challenges. It also discusses competitive strategies adopted by varied market players, such as Umicore (Belgium), POSCO (South Korea), Mitsui Mining & Smelting Co., Ltd. (Japan), LG Chem (South Korea), TODA KOGYO CORP. (Japan), Showa Denko K.K. (Japan), Ningbo Shanshan Co., Ltd. (China), Nichia Corporation (Japan), NEI Corporation (US), Ascend Elements, Inc. (US), BASF SE (Germany), Sumitomo Metal Mining Co., Ltd. (Japan), Hitachi Metals, Ltd.(Japan), EVM Metals Group (Australia), Shenzhen Dynanonic Co., Ltd. (China), and Zhejiang Huayou Cobalt (China).

Research Coverage:

The report defines the cathode materials market based on material, battery type, end-use, and region. It provides detailed information regarding the major factors influencing the growth of the market, such as drivers, restraints, opportunities, and industry-specific

challenges. It strategically profiles key players and comprehensively analyzes their market shares and core competencies as well as tracks and analyzes competitive developments, such as agreements, expansions, partnerships, and contracts undertaken by them in the market.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants in the market by providing them the closest approximations of revenue numbers of the cathode materials market and its segments. This report is also expected to help stakeholders obtain an improved understanding of the competitive landscape of the market, gain insights to improve the position of their businesses, and make suitable go-to-market strategies. It also enables stakeholders to understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.2.1 INCLUSIONS AND EXCLUSIONS

TABLE 1 CATHODE MATERIALS MARKET: INCLUSIONS AND EXCLUSIONS

1.3 MARKET SCOPE

FIGURE 1 CATHODE MATERIALS MARKET SEGMENTATION

1.3.1 REGIONAL SCOPE

1.3.2 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

1.5 UNITS CONSIDERED

1.6 LIMITATIONS

1.7 STAKEHOLDERS

1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 CATHODE MATERIALS MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

2.1.2.2 Participating companies for primary research

2.1.2.3 Breakdown of primary interviews

2.1.3 MATRIX CONSIDERED FOR DEMAND-SIDE ANALYSIS

FIGURE 3 MAIN MATRIX CONSIDERED WHILE CONSTRUCTING AND ASSESSING DEMAND FOR CATHODE MATERIALS

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

FIGURE 4 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

FIGURE 5 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH

2.3 METHODOLOGY FOR SUPPLY-SIDE SIZING OF CATHODE MATERIALS MARKET (1/2)

2.4 METHODOLOGY FOR SUPPLY-SIDE SIZING OF CATHODE MATERIALS

MARKET (2/2)

2.4.1 CALCULATIONS FOR SUPPLY-SIDE ANALYSIS

2.4.2 FORECAST

2.4.3 GROWTH RATE ASSUMPTIONS/GROWTH FORECAST

2.5 DATA TRIANGULATION

FIGURE 6 CATHODE MATERIALS MARKET: DATA TRIANGULATION

2.6 RESEARCH ASSUMPTIONS

2.7 RESEARCH LIMITATIONS

2.8 IMPACT OF RECESSION

2.9 RISK ANALYSIS

3 EXECUTIVE SUMMARY

TABLE 2 CATHODE MATERIALS MARKET, 2022 VS. 2027

FIGURE 7 LITHIUM-ION BATTERY SEGMENT TO DOMINATE MARKET BETWEEN 2022 AND 2027

FIGURE 8 NMC CATHODE MATERIALS SEGMENT TO WITNESS HIGHEST CAGR BETWEEN 2022 AND 2027

FIGURE 9 AUTOMOTIVE SEGMENT TO LEAD MARKET BETWEEN 2022 AND 2027

FIGURE 10 ASIA PACIFIC DOMINATED MARKET IN 2021

4 PREMIUM INSIGHTS

4.1 SIGNIFICANT OPPORTUNITIES IN CATHODE MATERIALS MARKET

FIGURE 11 CATHODE MATERIALS MARKET TO WITNESS MODERATE GROWTH BETWEEN 2022 AND 2027

4.2 CATHODE MATERIALS MARKET, BY REGION

FIGURE 12 ASIA PACIFIC TO REGISTER HIGHEST CAGR BETWEEN 2022 AND 2027

4.3 ASIA PACIFIC CATHODE MATERIALS MARKET, BY BATTERY TYPE AND MATERIAL TYPE, 2021

FIGURE 13 LEAD-ACID BATTERY SEGMENT DOMINATED CATHODE MATERIALS MARKET IN ASIA PACIFIC

4.4 CATHODE MATERIALS MARKET, BY BATTERY TYPE

FIGURE 14 LEAD-ACID BATTERY SEGMENT TO LEAD MARKET BETWEEN 2022 AND 2027

4.5 CATHODE MATERIALS MARKET, BY MATERIAL

FIGURE 15 LEAD DIOXIDE CATHODE MATERIALS SEGMENT TO LEAD MARKET BETWEEN 2022 AND 2027

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 16 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN CATHODE MATERIALS MARKET

5.2.1 DRIVERS

5.2.1.1 Increasing demand for HEVs, PHEVs, and EVs

TABLE 3 OEM ANNOUNCEMENTS RELATED TO ELECTRIC LIGHT-DUTY VEHICLES (PHEVS AND BEVS), BY 2025

FIGURE 17 GLOBAL SALES OF BATTERY ELECTRIC VEHICLES AND PLUG-IN HYBRID ELECTRIC VEHICLES, 2018–2021

5.2.1.2 High demand for lithium-ion technology in renewable energy industry

5.2.1.3 Growing demand for consumer electronics

5.2.2 RESTRAINTS

5.2.2.1 Safety issues related to storage and transportation of batteries

5.2.2.2 Lack of efficient recycling technologies for battery materials

FIGURE 18 PERCENTAGE OF PORTABLE BATTERIES COLLECTED FOR RECYCLING IN 2019

5.2.3 OPPORTUNITIES

5.2.3.1 Use of batteries in energy storage devices

5.2.3.2 Strategic developments and technological advancements in lithium-ion battery cathode materials

5.2.4 CHALLENGES

5.2.4.1 Lack of government subsidies and incentives for lithium-ion battery manufacturers in emerging economies

5.3 VALUE CHAIN ANALYSIS

FIGURE 19 VALUE CHAIN ANALYSIS OF CATHODE MATERIALS MARKET: HIGHEST VALUE ADDED DURING MANUFACTURING PHASE

FIGURE 20 SUPPLY CHAIN ANALYSIS OF CATHODE MATERIALS MARKET

5.4 ECOSYSTEM MAP

FIGURE 21 ECOSYSTEM MAP OF CATHODE MATERIALS MARKET

TABLE 4 ECOSYSTEM OF CATHODE MATERIALS MARKET

5.5 PRICING ANALYSIS

FIGURE 22 PRICING ANALYSIS OF CATHODE MATERIALS MARKET, BY REGION (2021)

5.5.1 AVERAGE SELLING PRICE OF LITHIUM-ION BATTERIES

FIGURE 23 AVERAGE SELLING PRICE, BY END-USE

- 5.5.2 AVERAGE SELLING PRICE OF LEAD-ACID BATTERIES
- FIGURE 24 AVERAGE SELLING PRICE, BY REGION
- 5.6 PORTER'S FIVE FORCES ANALYSIS
- FIGURE 25 PORTER'S FIVE FORCES ANALYSIS: CATHODE MATERIALS MARKET
- TABLE 5 IMPACT OF PORTER'S FIVE FORCES ON CATHODE MATERIALS MARKET
- 5.6.1 BARGAINING POWER OF SUPPLIERS
- 5.6.2 THREAT OF NEW ENTRANTS
- 5.6.3 THREAT OF SUBSTITUTES
- 5.6.4 BARGAINING POWER OF BUYERS
- 5.6.5 INTENSITY OF COMPETITIVE RIVALRY
- 5.7 REGULATORY LANDSCAPE
- TABLE 6 REGULATIONS AND STANDARDS FOR BATTERIES
- 5.7.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
- TABLE 7 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
- TABLE 8 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
- TABLE 9 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
- TABLE 10 REST OF THE WORLD: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
- 5.8 PATENT ANALYSIS
- FIGURE 26 NUMBER OF GRANTED PATENTS, PATENT APPLICATIONS, AND LIMITED PATENTS
- FIGURE 27 PUBLICATION TRENDS – LAST 10 YEARS
- 5.8.1 INSIGHTS
- FIGURE 28 LEGAL STATUS OF PATENTS
- FIGURE 29 TOP JURISDICTION, BY DOCUMENT
- FIGURE 30 TOP 10 PATENT APPLICANTS
- TABLE 11 LIST OF PATENTS BY SAMSUNG SDI CO., LTD.
- TABLE 12 LIST OF PATENTS BY UMICORE
- TABLE 13 TOP 10 PATENT OWNERS IN LAST TEN YEARS
- 5.9 CASE STUDIES
- 5.9.1 IMPLEMENTATION OF MICROSTRUCTURE ENGINEERING TECHNIQUE TO RECOVER 98% OF CRITICAL ELEMENTS FROM SPENT LITHIUM-ION BATTERIES
- 5.9.1.1 Problem statement
- 5.9.1.2 Solutions offered

5.9.1.3 Outcome

5.10 TECHNOLOGY ANALYSIS

5.11 KEY STAKEHOLDERS AND BUYING CRITERIA

5.11.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 31 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 END-USE INDUSTRIES

TABLE 14 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 END-USE INDUSTRIES (%)

5.11.2 BUYING CRITERIA

FIGURE 32 KEY BUYING CRITERIA FOR TOP 3 END-USE INDUSTRIES

TABLE 15 KEY BUYING CRITERIA FOR TOP THREE END-USE INDUSTRIES

5.12 KEY CONFERENCES AND EVENTS, 2022–2023

TABLE 16 CATHODE MATERIALS MARKET: KEY CONFERENCES AND EVENTS (2022–2023)

5.13 TRADE DATA

TABLE 17 EXPORT DATA FOR LITHIUM-ION BATTERIES AND LEAD-ACID BATTERIES IN 2021

TABLE 18 IMPORT DATA FOR LITHIUM-ION BATTERIES AND LEAD-ACID BATTERIES IN 2021

6 CATHODE MATERIALS MARKET, BY MATERIAL

6.1 INTRODUCTION

FIGURE 33 NMC CATHODE MATERIALS SEGMENT TO DOMINATE OVERALL MARKET BY 2027

TABLE 19 LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (KILOTON)

TABLE 20 LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

TABLE 21 LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (USD MILLION)

TABLE 22 LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

6.2 LITHIUM-ION CATHODE MATERIALS

6.2.1 TECHNOLOGICAL DEVELOPMENTS IN LITHIUM-ION BATTERIES TO FUEL DEMAND FOR LITHIUM-ION CATHODE MATERIALS

TABLE 23 CATHODE MATERIALS MARKET SIZE FOR LITHIUM-ION BATTERY, BY MATERIAL, 2017–2021 (KILOTON)

TABLE 24 CATHODE MATERIALS MARKET SIZE FOR LITHIUM-ION BATTERY, BY

MATERIAL, 2022–2027 (KILOTON)

TABLE 25 CATHODE MATERIALS MARKET SIZE FOR LITHIUM-ION BATTERY, BY MATERIAL, 2017–2021 (USD MILLION)

TABLE 26 CATHODE MATERIALS MARKET SIZE FOR LITHIUM-ION BATTERY, BY MATERIAL, 2022–2027 (USD MILLION)

6.2.1.1 Lithium iron phosphate (LFP)

TABLE 27 LFP CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (KILOTON)

TABLE 28 LFP CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

TABLE 29 LFP CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (USD MILLION)

TABLE 30 LFP CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

6.2.1.2 Lithium cobalt oxide (LCO)

TABLE 31 LCO CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (KILOTON)

TABLE 32 LCO CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

TABLE 33 LCO CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (USD MILLION)

TABLE 34 LCO CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

6.2.1.3 Lithium nickel manganese cobalt (NMC)

TABLE 35 NMC CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (KILOTON)

TABLE 36 NMC CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

TABLE 37 NMC CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (USD MILLION)

TABLE 38 NMC CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

6.2.1.4 Lithium nickel cobalt aluminum (NCA)

TABLE 39 NCA CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (KILOTON)

TABLE 40 NCA CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

TABLE 41 NCA CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (USD MILLION)

TABLE 42 NCA CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027
(USD MILLION)

6.2.1.5 Lithium manganese oxide (LMO)

TABLE 43 LMO CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021
(KILOTON)

TABLE 44 LMO CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027
(KILOTON)

TABLE 45 LMO CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021
(USD MILLION)

TABLE 46 LMO CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027
(USD MILLION)

6.3 LEAD DIOXIDE CATHODE MATERIALS

6.3.1 NON-CORROSIVE PROPERTY OF LEAD DIOXIDE SUITABLE AS LEAD
DIOXIDE CATHODE MATERIAL

TABLE 47 LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY REGION,
2017–2021 (KILOTON)

TABLE 48 LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY REGION,
2022–2027 (KILOTON)

TABLE 49 LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY REGION,
2017–2021 (USD MILLION)

TABLE 50 LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY REGION,
2022–2027 (USD MILLION)

6.4 OTHER CATHODE MATERIALS

TABLE 51 OTHER CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021
(KILOTON)

TABLE 52 OTHER CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027
(KILOTON)

TABLE 53 OTHER CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021
(USD MILLION)

TABLE 54 OTHER CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027
(USD MILLION)

7 CATHODE MATERIALS MARKET, BY BATTERY TYPE

7.1 INTRODUCTION

FIGURE 34 LITHIUM-ION SEGMENT TO DOMINATE CATHODE MATERIALS
MARKET BETWEEN 2022 AND 2027

TABLE 55 CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021
(KILOTON)

TABLE 56 CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 57 CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 58 CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

7.2 LITHIUM-ION

7.2.1 DEMAND FOR LITHIUM-ION BATTERIES INCREASING IN EV INDUSTRY

TABLE 59 CATHODE MATERIALS MARKET SIZE FOR LITHIUM-ION BATTERY, BY REGION, 2017–2021 (KILOTON)

TABLE 60 CATHODE MATERIALS MARKET SIZE FOR LITHIUM-ION BATTERY, BY REGION, 2022–2027 (KILOTON)

TABLE 61 CATHODE MATERIALS MARKET SIZE FOR LITHIUM-ION BATTERY, BY REGION, 2017–2021 (USD MILLION)

TABLE 62 CATHODE MATERIALS MARKET SIZE FOR LITHIUM-ION BATTERY, BY REGION, 2022–2027 (USD MILLION)

7.3 LEAD-ACID

7.3.1 ASIA PACIFIC DOMINATES MARKET FOR CATHODE MATERIALS IN LEAD-ACID BATTERY SEGMENT

TABLE 63 CATHODE MATERIALS MARKET SIZE FOR LEAD-ACID BATTERY, BY REGION, 2017–2021 (KILOTON)

TABLE 64 CATHODE MATERIALS MARKET SIZE FOR LEAD-ACID BATTERY, BY REGION, 2022–2027 (KILOTON)

TABLE 65 CATHODE MATERIALS MARKET SIZE FOR LEAD-ACID BATTERY, BY REGION, 2017–2021 (USD MILLION)

TABLE 66 CATHODE MATERIALS MARKET SIZE FOR LEAD-ACID BATTERY, BY REGION, 2022–2027 (USD MILLION)

7.4 OTHERS

TABLE 67 CATHODE MATERIALS MARKET SIZE FOR OTHER BATTERY TYPES, BY REGION, 2017–2021 (KILOTON)

TABLE 68 CATHODE MATERIALS MARKET SIZE FOR OTHER BATTERY TYPES, BY REGION, 2022–2027 (KILOTON)

TABLE 69 CATHODE MATERIALS MARKET SIZE FOR OTHER BATTERY TYPES, BY REGION, 2017–2021 (USD MILLION)

TABLE 70 CATHODE MATERIALS MARKET SIZE FOR OTHER BATTERY TYPES, BY REGION, 2022–2027 (USD MILLION)

8 CATHODE MATERIALS MARKET, BY END-USE

8.1 INTRODUCTION

FIGURE 35 AUTOMOTIVE SEGMENT TO DOMINATE CATHODE MATERIALS MARKET BETWEEN 2022 AND 2027

TABLE 71 CATHODE MATERIALS MARKET SIZE, BY END-USE, 2017–2021 (USD MILLION)

TABLE 72 CATHODE MATERIALS MARKET SIZE, BY END-USE, 2022–2027 (USD MILLION)

8.2 AUTOMOTIVE

8.2.1 AUTOMOTIVE SEGMENT TO DOMINATE CATHODE MATERIALS MARKET

8.3 CONSUMER ELECTRONICS

8.3.1 DEMAND FOR LITHIUM-ION CATHODE MATERIALS INCREASING IN CONSUMER ELECTRONICS SEGMENT

8.4 INDUSTRIAL

8.4.1 CONSTRUCTION AND MINING EQUIPMENT TO CREATE DEMAND FOR BATTERY CATHODE MATERIALS

8.5 OTHERS

9 CATHODE MATERIALS MARKET, BY REGION

9.1 INTRODUCTION

FIGURE 36 ASIA PACIFIC TO WITNESS HIGHEST CAGR DURING FORECAST PERIOD

TABLE 73 CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (KILOTON)

TABLE 74 CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (KILOTON)

TABLE 75 CATHODE MATERIALS MARKET SIZE, BY REGION, 2017–2021 (USD MILLION)

TABLE 76 CATHODE MATERIALS MARKET SIZE, BY REGION, 2022–2027 (USD MILLION)

9.2 ASIA PACIFIC

9.2.1 IMPACT OF RECESSION

FIGURE 37 ASIA PACIFIC: CATHODE MATERIALS MARKET SNAPSHOT

TABLE 77 ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 78 ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 79 ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 80 ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 81 ASIA PACIFIC: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 82 ASIA PACIFIC: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 83 ASIA PACIFIC: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 84 ASIA PACIFIC: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 85 ASIA PACIFIC: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 86 ASIA PACIFIC: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 87 ASIA PACIFIC: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 88 ASIA PACIFIC: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 89 ASIA PACIFIC: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, 2017–2021 (KILOTON)

TABLE 90 ASIA PACIFIC: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, 2022–2027 (KILOTON)

TABLE 91 ASIA PACIFIC: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, 2017–2021 (USD MILLION)

TABLE 92 ASIA PACIFIC: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, 2022–2027 (USD MILLION)

TABLE 93 ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 94 ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 95 ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 96 ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.2.2 CHINA

9.2.2.1 Growth in battery manufacturing to create demand for cathode materials

TABLE 97 CHINA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 98 CHINA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,

2022–2027 (KILOTON)

TABLE 99 CHINA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 100 CHINA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.2.3 SOUTH KOREA

9.2.3.1 Growth of automotive sector to increase demand for cathode material

TABLE 101 SOUTH KOREA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 102 SOUTH KOREA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 103 SOUTH KOREA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 104 SOUTH KOREA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.2.4 JAPAN

9.2.4.1 Presence of battery manufacturing giants to fuel market for cathode materials

TABLE 105 JAPAN: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 106 JAPAN: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 107 JAPAN: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 108 JAPAN: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.2.5 INDIA

9.2.5.1 Increasing cleaner energy initiatives to drive market in India

TABLE 109 INDIA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 110 INDIA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 111 INDIA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 112 INDIA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.2.6 TAIWAN

9.2.6.1 Consumer electronics sector to drive market in Taiwan

TABLE 113 TAIWAN: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 114 TAIWAN: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 115 TAIWAN: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 116 TAIWAN: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.2.7 MALAYSIA

9.2.7.1 Requirement for energy storage to increase demand for cathode materials

TABLE 117 MALAYSIA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 118 MALAYSIA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 119 MALAYSIA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 120 MALAYSIA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.2.8 REST OF ASIA PACIFIC

TABLE 121 REST OF ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 122 REST OF ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 123 REST OF ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 124 REST OF ASIA PACIFIC: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.3 NORTH AMERICA

9.3.1 IMPACT OF RECESSION

FIGURE 38 NORTH AMERICA: CATHODE MATERIALS MARKET SNAPSHOT

9.3.2 NORTH AMERICA CATHODE MATERIALS MARKET, BY COUNTRY

TABLE 125 NORTH AMERICA: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 126 NORTH AMERICA: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 127 NORTH AMERICA: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 128 NORTH AMERICA: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

9.3.3 NORTH AMERICA LITHIUM-ION CATHODE MATERIALS MARKET, BY COUNTRY

TABLE 129 NORTH AMERICA: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 130 NORTH AMERICA: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 131 NORTH AMERICA: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 132 NORTH AMERICA: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

9.3.4 NORTH AMERICA LEAD DIOXIDE CATHODE MATERIALS MARKET, BY COUNTRY

TABLE 133 NORTH AMERICA: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 134 NORTH AMERICA: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 135 NORTH AMERICA: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 136 NORTH AMERICA: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

9.3.4.1 North America cathode materials market

TABLE 137 NORTH AMERICA: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY MATERIAL, 2017–2021 (KILOTON)

TABLE 138 NORTH AMERICA: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY MATERIAL, 2022–2027 (KILOTON)

TABLE 139 NORTH AMERICA: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY MATERIAL, 2017–2021 (USD MILLION)

TABLE 140 NORTH AMERICA: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY MATERIAL, 2022–2027 (USD MILLION)

9.3.5 NORTH AMERICA CATHODE MATERIALS MARKET, BY BATTERY TYPE

TABLE 141 NORTH AMERICA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 142 NORTH AMERICA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 143 NORTH AMERICA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 144 NORTH AMERICA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.3.6 US

9.3.6.1 Rising adoption of EVs and portable electronic devices to create demand for cathode materials

TABLE 145 US: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 146 US: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 147 US: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 148 US: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.3.7 CANADA

9.3.7.1 Government initiatives in battery manufacturing to create demand for cathode material

TABLE 149 CANADA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 150 CANADA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 151 CANADA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 152 CANADA: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.3.8 MEXICO

9.3.8.1 Increase in battery manufacturing plants to drive cathode materials market in Mexico

TABLE 153 MEXICO: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 154 MEXICO: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 155 MEXICO: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 156 MEXICO: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.4 EUROPE

9.4.1 IMPACT OF RECESSION

FIGURE 39 EUROPE: CATHODE MATERIALS MARKET SNAPSHOT

TABLE 157 EUROPE: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 158 EUROPE: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 159 EUROPE: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 160 EUROPE: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 161 EUROPE: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 162 EUROPE: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 163 EUROPE: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 164 EUROPE: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 165 EUROPE: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 166 EUROPE: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 167 EUROPE: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 168 EUROPE: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 169 EUROPE: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, 2017–2021 (KILOTON)

TABLE 170 EUROPE: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, 2022–2027 (KILOTON)

TABLE 171 EUROPE: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, 2017–2021 (USD MILLION)

TABLE 172 EUROPE: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, 2022–2027 (USD MILLION)

TABLE 173 EUROPE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 174 EUROPE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 175 EUROPE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 176 EUROPE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.4.2 GERMANY

9.4.2.1 Development in automotive industry to drive market in Germany

TABLE 177 GERMANY: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 178 GERMANY: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,

2022–2027 (KILOTON)

TABLE 179 GERMANY: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 180 GERMANY: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.4.3 FRANCE

9.4.3.1 Automotive and consumer electronic sectors to drive cathode materials market

TABLE 181 FRANCE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 182 FRANCE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 183 FRANCE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 184 FRANCE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.4.4 UK

9.4.4.1 Growth of EVs to increase demand for cathode materials in UK

TABLE 185 UK: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 186 UK: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 187 UK: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 188 UK: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.4.5 REST OF EUROPE

TABLE 189 REST OF EUROPE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 190 REST OF EUROPE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 191 REST OF EUROPE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (USD MILLION)

TABLE 192 REST OF EUROPE: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (USD MILLION)

9.5 REST OF WORLD (ROW)

9.5.1 ROW CATHODE MATERIALS MARKET, BY COUNTRY

TABLE 193 ROW: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 194 ROW: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 195 ROW: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 196 ROW: CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

9.5.2 ROW LITHIUM-ION CATHODE MATERIALS MARKET, BY COUNTRY

TABLE 197 ROW: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 198 ROW: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 199 ROW: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 200 ROW: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

9.5.3 ROW LEAD DIOXIDE CATHODE MATERIALS MARKET, BY COUNTRY

TABLE 201 ROW: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (KILOTON)

TABLE 202 ROW: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (KILOTON)

TABLE 203 ROW: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2017–2021 (USD MILLION)

TABLE 204 ROW: LEAD DIOXIDE CATHODE MATERIALS MARKET SIZE, BY COUNTRY, 2022–2027 (USD MILLION)

9.5.3.1 RoW cathode materials market

TABLE 205 ROW: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY MATERIAL, 2017–2021 (KILOTON)

TABLE 206 ROW: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY MATERIAL, 2022–2027 (KILOTON)

TABLE 207 ROW: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY MATERIAL, 2017–2021 (USD MILLION)

TABLE 208 ROW: LITHIUM-ION CATHODE MATERIALS MARKET SIZE, BY MATERIAL, 2022–2027 (USD MILLION)

9.5.4 ROW CATHODE MATERIALS MARKET, BY BATTERY TYPE

TABLE 209 ROW: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017–2021 (KILOTON)

TABLE 210 ROW: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022–2027 (KILOTON)

TABLE 211 ROW: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,

2017–2021 (USD MILLION)

TABLE 212 ROW: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2022–2027 (USD MILLION)

9.5.5 BRAZIL

9.5.5.1 Booming automotive sector driving demand for cathode materials

TABLE 213 BRAZIL: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2017–2021 (KILOTON)

TABLE 214 BRAZIL: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2022–2027 (KILOTON)

TABLE 215 BRAZIL: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2017–2021 (USD MILLION)

TABLE 216 BRAZIL: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2022–2027 (USD MILLION)

9.5.6 OTHERS

TABLE 217 OTHERS: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2017–2021 (KILOTON)

TABLE 218 OTHERS: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2022–2027 (KILOTON)

TABLE 219 OTHERS: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2017–2021 (USD MILLION)

TABLE 220 OTHERS: CATHODE MATERIALS MARKET SIZE, BY BATTERY TYPE,
2022–2027 (USD MILLION)

10 COMPETITIVE LANDSCAPE

10.1 STRATEGIES OF KEY PLAYERS

TABLE 221 OVERVIEW OF KEY STRATEGIES ADOPTED BY KEY PLAYERS

10.2 REVENUE ANALYSIS

FIGURE 40 REVENUE ANALYSIS FOR KEY PLAYERS IN LAST FIVE YEARS

10.3 MARKET SHARE ANALYSIS, 2021

FIGURE 41 CATHODE MATERIALS MARKET SHARE ANALYSIS

TABLE 222 CATHODE MATERIALS MARKET: DEGREE OF COMPETITION

10.3.1 UMICORE

10.3.2 POSCO

10.3.3 SUMITOMO METAL MINING CO., LTD.

10.3.4 ZHEJIANG HUAYOU COBALT

10.3.5 SHENZHEN DYNANONIC CO., LTD.

TABLE 223 CATHODE MATERIALS MARKET: COMPANY MATERIAL FOOTPRINT

TABLE 224 CATHODE MATERIALS MARKET: COMPANY BATTERY TYPE

FOOTPRINT

TABLE 225 CATHODE MATERIALS MARKET: COMPANY REGION FOOTPRINT

10.4 COMPANY EVALUATION MATRIX

10.4.1 STARS

10.4.2 EMERGING LEADERS

10.4.3 PERVASIVE PLAYERS

10.4.4 PARTICIPANTS

FIGURE 42 CATHODE MATERIALS MARKET: COMPANY EVALUATION MATRIX, 2021

10.5 COMPETITIVE SCENARIO

TABLE 226 CATHODE MATERIALS MARKET: DEALS, 2019–2022

TABLE 227 CATHODE MATERIALS MARKET: OTHER DEVELOPMENTS, 2019–2022

11 COMPANY PROFILES

(Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)*

11.1 SUMITOMO METAL MINING CO., LTD.

TABLE 228 SUMITOMO METAL MINING CO., LTD.: COMPANY OVERVIEW

FIGURE 43 SUMITOMO METAL MINING CO., LTD.: COMPANY SNAPSHOT

TABLE 229 SUMITOMO METAL MINING CO., LTD.: PRODUCTS OFFERED

TABLE 230 SUMITOMO METAL MINING CO., LTD.: OTHERS

11.2 ZHEJIANG HUAYOU COBALT

TABLE 231 ZHEJIANG HUAYOU COBALT: COMPANY OVERVIEW

TABLE 232 ZHEJIANG HUAYOU COBALT: PRODUCTS OFFERED

TABLE 233 ZHEJIANG HUAYOU COBALT: DEALS

11.3 SHENZHEN DYNANONIC CO., LTD.

TABLE 234 SHENZHEN DYNANONIC CO., LTD.: COMPANY OVERVIEW

TABLE 235 SHENZHEN DYNANONIC CO., LTD.: PRODUCTS OFFERED

TABLE 236 SHENZHEN DYNANONIC CO., LTD.: DEALS

TABLE 237 SHENZHEN DYNANONIC CO., LTD.: OTHERS

11.4 UMICORE

TABLE 238 UMICORE: COMPANY OVERVIEW

FIGURE 44 UMICORE: COMPANY SNAPSHOT

TABLE 239 UMICORE: PRODUCTS OFFERED

TABLE 240 UMICORE: DEALS

TABLE 241 UMICORE: OTHERS

11.5 POSCO
TABLE 242 POSCO: COMPANY OVERVIEW

FIGURE 45 POSCO: COMPANY SNAPSHOT

TABLE 243 POSCO: PRODUCTS OFFERED

TABLE 244 POSCO: DEALS

TABLE 245 POSCO: OTHERS

11.6 MITSUI MINING & SMELTING CO., LTD.

TABLE 246 MITSUI MINING & SMELTING CO., LTD.: COMPANY OVERVIEW

FIGURE 46 MITSUI MINING & SMELTING CO., LTD.: COMPANY SNAPSHOT

TABLE 247 MITSUI MINING & SMELTING CO., LTD.: PRODUCTS OFFERED

11.7 LG CHEM

TABLE 248 LG CHEM: COMPANY OVERVIEW

FIGURE 47 LG CHEM: COMPANY SNAPSHOT

TABLE 249 LG CHEM: PRODUCTS OFFERED

TABLE 250 LG CHEM: DEALS

TABLE 251 LG CHEM: OTHERS

11.8 TODA KOGYO CORP.

TABLE 252 TODA KOGYO CORP.: COMPANY OVERVIEW

FIGURE 48 TODA KOGYO CORP.: COMPANY SNAPSHOT

TABLE 253 TODA KOGYO CORP.: PRODUCTS OFFERED

TABLE 254 TODA KOGYO CORP.: OTHERS

11.9 GRAVITA INDIA LTD.

TABLE 255 GRAVITA INDIA LTD.: COMPANY OVERVIEW

FIGURE 49 GRAVITA INDIA LTD.: COMPANY SNAPSHOT

TABLE 256 GRAVITA INDIA LTD.: PRODUCTS OFFERED

11.10 L&F CO., LTD.

TABLE 257 L&F CO., LTD.: COMPANY OVERVIEW

TABLE 258 L&F CO., LTD.: PRODUCTS OFFERED

TABLE 259 L&F CO., LTD.: OTHERS

11.11 SHOWA DENKO K.K.

TABLE 260 SHOWA DENKO K.K.: COMPANY OVERVIEW

FIGURE 50 SHOWA DENKO K.K.: COMPANY SNAPSHOT

TABLE 261 SHOWA DENKO K.K.: PRODUCTS OFFERED

11.12 NINGBO SHANSHAN CO., LTD.

TABLE 262 NINGBO SHANSHAN CO., LTD.: COMPANY OVERVIEW

FIGURE 51 NINGBO SHANSHAN CO., LTD.: COMPANY SNAPSHOT

TABLE 263 NINGBO SHANSHAN CO., LTD.: PRODUCTS OFFERED

TABLE 264 NINGBO SHANSHAN CO., LTD.: DEALS

TABLE 265 NINGBO SHANSHAN CO., LTD.: OTHERS

11.13 NICHIA CORPORATION

TABLE 266 NICHIA CORPORATION: COMPANY OVERVIEW

TABLE 267 NICHIA CORPORATION: PRODUCTS OFFERED

11.14 AMERICAN ELEMENTS

TABLE 268 AMERICAN ELEMENTS: COMPANY OVERVIEW

TABLE 269 AMERICAN ELEMENTS: PRODUCTS OFFERED

11.15 NEI CORPORATION

TABLE 270 NEI CORPORATION: COMPANY OVERVIEW

TABLE 271 NEI CORPORATION: PRODUCTS OFFERED

11.16 PULEAD TECHNOLOGY INDUSTRY CO., LTD.

TABLE 272 PULEAD TECHNOLOGY INDUSTRY CO., LTD.: COMPANY OVERVIEW

TABLE 273 PULEAD TECHNOLOGY INDUSTRY CO., LTD.: PRODUCTS OFFERED

11.17 ASCEND ELEMENTS, INC.

TABLE 274 ASCEND ELEMENTS, INC.: COMPANY OVERVIEW

TABLE 275 ASCEND ELEMENTS, INC.: PRODUCTS OFFERED

TABLE 276 ASCEND ELEMENTS, INC.: DEALS

TABLE 277 ASCEND ELEMENTS, INC.: OTHERS

11.18 BASF SE

TABLE 278 BASF SE: COMPANY OVERVIEW

FIGURE 52 BASF SE: COMPANY SNAPSHOT

TABLE 279 BASF SE: PRODUCTS OFFERED

TABLE 280 BASF SE: DEALS

TABLE 281 BASF SE: OTHERS

11.19 HITACHI METALS, LTD.

TABLE 282 HITACHI METALS, LTD.: COMPANY OVERVIEW

FIGURE 53 HITACHI METALS, LTD.: COMPANY SNAPSHOT

TABLE 283 HITACHI METALS, LTD.: PRODUCTS OFFERED

11.20 EV

TABLE 284 EV: COMPANY OVERVIEW

TABLE 285 EV: PRODUCTS OFFERED

TABLE 286 EV: DEALS

TABLE 287 EV: OTHERS

Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats) might not be captured in case of unlisted companies.

12 APPENDIX

12.1 DISCUSSION GUIDE

12.2 KNOWLEDGESTORE: MARKET SAND MARKETS' SUBSCRIPTION PORTAL

12.3 CUSTOMIZATION OPTIONS

12.4 RELATED REPORTS

12.5 AUTHOR DETAILS

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