

Battery and Other E-waste Recycling

https://marketpublishers.com/r/BA16EB13F5BCEN.html Date: July 2020 Pages: 141 Price: US\$ 2,750.00 (Single User License) ID: BA16EB13F5BCEN

Abstracts

REPORT SCOPE:

This report reviews the global battery and e-waste recycling market according to its different product sources, recycled materials and geographical areas. The report examines the current market status of the recycling industry, public and private investment strategies, commercialization and legislative initiatives, stakeholders' activities, and also present growth forecasts for the period 2019-2024.

The analysis highlights the latest developments and upcoming opportunities during the forecast period. It also offers a patent review that includes information on strategic initiatives key players have adopted to meet the increasing market demand for battery and other e-waste recycling technologies while fostering sustainability across different application sectors.

The report addresses the present battery and other e-waste recycling market and future demands for the following major recovered materials types -

Metals. Iron/steel. Aluminum. Copper. Silver. Gold.



Palladium. Lead. Lithium. Cobalt. Nickel. Nickel. Others. Plastic. Glass.

The battery and e-waste recycling market also is categorized based on different production source types -

Battery.

Lead acid.

Lithium-ion.

Nickel cadmium (NiCad).

Nickel metal hydride (NiMH).

Others.

Other types of e-waste.

Household appliances.



Consumer electronics.

Information technologies and communication.

Other production sources.

REPORT INCLUDES:

34 tables

An overview of global battery and other e-waste recycling market and discussion on its future demand

Analyses of market trends, with data from 2019, estimates for 2020, and projections of compound annual growth rates (CAGRs) through 2024

Coverage of technology overview, scope and importance of recycling/repurposing technologies

Characterization and quantification of the battery and other e-waste recycling market based on their market share, product type, component type, application and region

A look at the regulatory demand, recent R&D and commercialization activities

Details of patent analysis with information on all kind of strategic initiatives

Evaluation of current market trends, market size, market forecast, pipeline analysis of new products, and regulatory scenarios

Market share analysis of the key companies of the industry, their strategic profiling, competitive landscape

Profile description of major market players including Aqua Force Recycling, Brentwood Recycling Systems, COM2 Recycling Solutions Llc, Mitsubishi Corp. (Mc), Namo eWaste Management Ltd., Tesla and Ucan Recycling Ltd.



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Regulatory Gaps Linear Business Model Does Not Support Recycle and Reuse Lack of Technical Expertise and Technical Constraints on Battery Recyclability Lack of Infrastructure in the Technology Process Economic Barriers Logistic Issues Challenges of Pack and Module Disassembly of EV Batteries Hibernation of Electronics Inefficient Collection Infrastructure Regulation, Legislation, Policies, and Stewardship of the Recycling of Battery and Ewaste North America European Union APAC

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RoW	

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ACA INDUSTRY APS ACCUREC RECYCLING GMBH ALBA GROUP AMERICAN BATTERY METALS CORP. ANDRITZG AG AMERICAN MANGANESE INC. AQUA FORCE RECYCLING AQUA METALS INC. ATTERO RECYCLING PVT. LTD. AURUBIS AG BELMONT TRADING CO. INC. **BRENTWOOD RECYCLING SYSTEMS** CALL2RECYCLE INC. CIMELIA RESOURCE RECOVERY PTY. LTD. CLEAN HARBORS INC. COM2 RECYCLING SOLUTIONS LLC CP MANUFACTURING INC. DAISEKI CO. LTD. DUESENFELD GMBH DYNAMIC RECYCLING



EARTH E-WASTE MANAGEMENT PVT. LTD. ECO RECYCLING LTD. ECOMATION OY **ELDAN RECYCLING A/S** ELECTRICAL WASTE RECYCLING GROUP LTD. ELECTRONIC RECYCLERS INTERNATIONAL INC. ELECTRONICS RECYCLING SERVICES LLC ELMS INDUSTRIAL PTE. LTD. EMAK REFINING AND RECYCLING ENVIRO-HUB HOLDINGS LTD. ENVIROCOM ENGLAND LTD. E-PARISARAA PVT. LTD. ERDWICH ZERKLEINERUNGSSYSTEME GMBH EVCILER LTD. E WASTE EXPERTS INC. EXITCOM RECYCLING GMBH FORTUM OYJ GLOBAL ELECTRIC ELECTRONIC PROCESSING INC. GEM CO. LTD. GOOD POINT RECYCLING **GUIDETTI RECYCLING S.R.L.** GREENLINE ENVIRONMENTAL LTD. HOLOUL ELECTRONIC RECYCLING TREATMENT CO. HUNAN VARY TECHNOLOGY CO. LTD. I GLOBAL ASSET MANAGEMENT **IMAGE MICROSYSTEMS** IMS ELECTRONIC RECYCLING **KUUSAKOSKI OY** LI-CYCLE TECHNOLOGY LIFESPAN RECYCLING CO. INC. MACPRESSE EUROPA S.R.L. MITSUBISHI CORP. (MC) NAMO E-WASTE MANAGEMENT LTD. NORTHVOLT AB PURE PLANET RECYCLING LTD. RAW MATERIALS CO. (RMC) **RECYDUR BV REPUBLIC SERVICES INC. RESPOSE WASTE MANAGEMENT & RESEARCH PVT. LTD.**



RETRIEV TECHNOLOGIES SIMS LIFETIME SERVICES INC. SUMITOMO METAL MINING CO. LTD. SUNGEEL HITECH CO. LTD. TES-AMM RECYCLERS INDIA PVT. LTD. TESLA TETRONICS INTERNATIONAL LTD. TRIPLE M METAL LP UCAN RECYCLING LTD. UMICORE GROUP URT UMWEILT-UND RECYCLINGTECHNIK GMBH WASTE MANAGEMENT INC. WEE REC AS WEEE RECYCLE IT LTD.

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