

# **Global Electric Vehicle Battery Reuse and Recycling Market 2022-2032 by Category (Reuse, Recycling), Battery Type (Lithium-ion, Nickel-metal, Lead-acid, Others), EV Type (BEV, HEV, PHEV, FCEV), Vehicle (Passenger, Commercial), End Use (Cars, Buses, Energy Storage Systems, Others), and Region: Trend Forecast and Growth Opportunity**

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## **Abstracts**

Global electric vehicle battery reuse and recycling market will reach \$25.02 billion by 2032, growing by 43.6% annually over 2022-2032, driven by the need to reduce battery waste, costly battery disposal, the rising demand for urban vehicles, and a focus on sustainable transportation.

Highlighted with 121 tables and 85 figures, this 189-page report “Global Electric Vehicle Battery Reuse and Recycling Market 2022-2032 by Category (Reuse, Recycling), Battery Type (Lithium-ion, Nickel-metal, Lead-acid, Others), EV Type (BEV, HEV, PHEV, FCEV), Vehicle (Passenger, Commercial), End Use (Cars, Buses, Energy Storage Systems, Others), and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global electric vehicle battery reuse and recycling market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global electric vehicle battery reuse and recycling market in every aspect of the classification from perspectives of Category, Battery Type, EV Type, Vehicle, End Use, and Region.

Based on Category, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Reuse of EV Batteries

Recycling of EV Batteries

Hydro-metallurgical Process

Pyro-metallurgical Process

Other Processes

Based on Battery Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Lithium-ion Batteries

Lithium Ferro Phosphate (LFP) Battery

Lithium-ion Manganese Oxide (LMO)

Lithium-nickel-cobalt-aluminum Oxide (NCA)

Lithium-nickel-manganese-cobalt Oxide (NMC)

Lithium-titanate Oxide (LTO)

Nickel-metal Hydride Batteries

Lead-acid Batteries

Other Battery Types

By EV Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Battery Electric Vehicle (BEV)

Hybrid Electric Vehicle (HEV)

Plug-in Hybrid Electric Vehicle (PHEV)

Fuel Cell Electric Vehicle (FCEV)

By Vehicle, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Passenger EVs

Commercial Evs

By End Use, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Electric Cars

Electric Buses

Energy Storage Systems

Other End Uses

Geographically, the following regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE, Saudi Arabia, South Africa, and Rest of MEA)

For each region and country, detailed analysis and annual revenue (\$ mn) are available for 2022-2032. The breakdown of all regional markets by country and the breakdown of each national market by Category, Battery Type, and End Use over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ACCUREC Recycling GmbH

American Manganese Inc.

Battery Solutions

Bayerische Motoren Werke (BMW) AG

China Aviation Lithium Battery Company Limited

G & P Service

LI-CYCLE CORP.

Nissan Motor Co. Ltd.

Recupyl

Retriev Technologies

SITRASA

SNAM S.A.S. (FLORIDIENNE)

Tesla Inc.

Toshiba Corporation

Umicore

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

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Nissan Motor Co. Ltd.

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