

Electric Vehicle Battery Recycling Market by Application (Electric Cars, Electric Buses, Energy Storage Systems, and Others): Global Opportunity Analysis and Industry Forecast, 2018 - 2025

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Abstracts

An electric vehicle battery, also known as traction battery is used to power the propulsion of electric vehicles. Electric vehicle battery is a secondary (rechargeable) battery. It uses chemical energy stored in rechargeable battery packs for power and therefore does not require any combustion engine for propulsion. Recycling of the battery can recover metals such as aluminum, nickel, lithium, and other types of precious metals, which can be hazardous to the environment but can be recycled. It is assumed that EV battery offers a useful life in a vehicle until and unless they degrade to 80% of their original capacity.

Finite metal resources, growth in demand for zero emission vehicles, rise in requirement for recycled products & materials, and increase in employment drive the growth of the global electric vehicle battery recycling market. However, re-use of EV batteries and high cost to setup recycling plant restrict the market growth. Moreover, high recycling gap and subsidies to encourage battery recycling create lucrative growth opportunities for the market.

The electric vehicle battery recycling market is segmented based on application and region. Based on application, it is categorized into electric cars, electric buses, energy storage systems, and others. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and Latin America, Middle East, and Africa (LAMEA).

Key players operating in the market are ACCUREC Recycling GmbH, American Manganese Inc., Battery Solutions, LI-CYCLE CORP., G & P Service, Recupyl, Retrieval

Technologies, SITRASA, SNAM S.A.S., and Umicore.

KEY BENEFITS FOR STAKEHOLDERS

This study comprises analytical depiction of the global electric vehicle battery recycling market with current trends and future estimations to depict the imminent investment pockets.

The overall market potential is determined to understand the profitable trends to gain a stronger coverage in the market.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.

The current market is quantitatively analyzed from 2017 to 2025 to highlight the financial competency of the market.

Porter's five forces analysis illustrates the potency of the buyers and suppliers.

KEY MARKET SEGMENTS

BY APPLICATION

Electric Cars

Electric Buses

Energy Storage Systems

Others

BY REGION

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Norway

Rest of Europe

Asia-Pacific

Japan

China

India

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

KEY MARKET PLAYERS PROFILED

ACCUREC Recycling GmbH

American Manganese Inc.

Battery Solutions

LI-CYCLE CORP.

G & P Service

Recupyl

Retriev Technologies

SITRASA

SNAM S.A.S.

Umicore

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