

India Lithium Ion Battery Recycling Market, Growth Rate, Size, Share, Drivers, Competitive Landscape, Opportunity, Forecast upto 2030

Author:- Ajay Kumar Gupta

Format: paperback

Code: NI365

Pages: 32

Price: Rs.33630**US\$** 500

Publisher: NIIR PROJECT CONSULTANCY SERVICES

Usually ships within **5** days

This insightful analysis delves into the current state, future growth potential, and key trends shaping this dynamic sector, poised to play a crucial role in India's sustainable development journey.

Market Overview:

- The report projects the India Lithium Ion Battery Recycling Market to reach a staggering USD [Market Size] by 2030, witnessing a robust CAGR of [CAGR]%. This exponential growth is fueled by the surging demand for electric vehicles (EVs) and the increasing need for responsible battery management.
- Figure 1 illustrates this trajectory, highlighting the projected market value from 2017 to 2030.

Key Drivers:

The report identifies several key drivers propelling market expansion:

- **Rising EV adoption:** Figure 2 showcases the exponential growth in EV sales in India, further amplifying the demand for efficient battery recycling solutions.
- **Growing demand in the power industry:** The increasing integration of lithium-ion batteries in grid storage solutions necessitates robust recycling infrastructure.
- **Supportive government policies:** Initiatives like the Battery WEEE Rules 2020 and PLI schemes for battery manufacturing are creating a conducive environment for the recycling sector.

Opportunities:

The report emphasizes lucrative opportunities for market participants:

- **Commercialization of recycling technologies:** Advancements in hydrometallurgical and pyrometallurgical processes present exciting possibilities for efficient and cost-effective battery recycling.
- **Strategic partnerships:** Collaboration between established players and startups can accelerate innovation and market penetration.

Challenges:

The report acknowledges potential hurdles that need to be addressed:

- **High recycling costs:** Developing cost-competitive recycling processes remains crucial for wider adoption.
- **Safety concerns:** Stringent regulations and safety protocols are essential for handling spent batteries.

Competitive Landscape:

The report provides in-depth analysis of key players like Attero Recycling, LOHUM, SungEel India Recycling, and Eco Recycling, offering insights into their:

- Business overviews

- Financial performance
- Key solutions and services
- Recent developments
- Key personnel

About NIIR Project Consultancy Services (NPCS):

NIIR Project Consultancy Services (NPCS) is a leading ISO 9001:2015 certified consultancy firm providing comprehensive industrial market research, technical consulting, and project feasibility reports. With a proven track record of empowering entrepreneurs and investors, NPCS is committed to delivering high-quality, data-driven insights to support informed decision-making.

Get Your Copy Today:

To gain valuable insights into the India Lithium Ion Battery Recycling Market and unlock its potential, download the full report today!

Table of Contents:

1 Research Objective

Objective of the study

1.1 Product Overview

1.2 Analysis Period of the Study

1.3 Data Reporting Unit

1.4 Key Stakeholders

2 Research Methodology

2.1 Research Methodology

2.2 Regional Split of Primary & Secondary Research

2.3 Secondary Research

2.4 Primary Research

2.4.1 Breakdown of Primary Research Respondents, By Industry Participants

2.5 Market Size Estimation

2.6 Assumptions for the Study

3 Current India Lithium Ion Battery Recycling Market Scenario

4 India Lithium Ion Battery Recycling Market Overview

4.1 India Lithium Ion Battery Recycling Market Size & Forecast

5 Market Dynamics

5.1 Drivers

5.1.1 Rise in Demand for Electric Vehicles

5.1.2 Increasing Demand for Lithium Ion Battery in Power Industry Market

5.2 Opportunity

5.2.1 Supportive Policies and Initiatives of Indian Government for Lithium-ion Battery Industry

5.3 Trends

5.3.1 Growing Efforts to Propel Commercialization of Battery Recycling Industry

5.4 Challenges

5.4.1 High Cost of Recycling and Dearth of Technologies

5.4.2 Safety Issues Related to Storage and Transportation of Spent Batteries

5.5 Indian Government Regulatory Framework and Policy for Lithium Battery Recycling Market

5.6 New Investment Analysis in Lithium Battery Recycling Market

6 Competitive Analysis

Company Profiles

6.1 Attero Recycling Pvt Ltd

6.1.1 Business Overview

6.1.2 Financial Overview (USD Million)

6.1.3 Key Solution and Services

6.1.4 Recent Developments

6.1.5 Key Personnel

- 6.2 LOHUM
 - 6.2.1 Business Overview
 - 6.2.2 Financial Overview (USD Million)
 - 6.2.3 Key Lithium Ion Battery Recycling Solutions
 - 6.2.4 Key Personnel
- 6.3 SungEel India Recycling Pvt Ltd
 - 6.3.1 Business Overview
 - 6.3.2 Key Lithium Ion Battery Recycling Solutions
 - 6.3.3 Key Personnel
- 6.4 Eco Recycling Ltd (Ecoreco)
 - 6.4.1 Business Overview
 - 6.4.2 Financial Overview (USD Million)
 - 6.4.3 Key Lithium Ion Battery Recycling Solutions
 - 6.4.4 Recent Developments
 - 6.4.5 Key Personnel

List of Figure

Figure 1 India Lithium Ion Battery Recycling Market Value (USD Million) from 2017-2030

Figure 2: Retail Sales of EV in in India in First 11 Month of Cumulative Year 2022-23

Figure 3: Lithium-Ion Battery Price Worldwide from 2013 to 2023 (In USD Per kilowatt-hour)

List of Tables

Table 1 Attero Recycling Pvt Ltd– Overview

Table 2 LOHUM– Overview

Table 3 SungEel India Recycling Pvt Ltd– Overview

Table 4 Eco Recycling Ltd (Ecoreco) – Overview

About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes varies process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.

NIIR PROJECT CONSULTANCY SERVICES, 106-E, Kamla Nagar, New Delhi-110007, India.
Email: npcs.india@gmail.com Website: NIIR.org

Fri, 07 Feb 2025 08:27:54 +0000