

2023 Environmental, Social and Governance (ESG) Report

REPT BATTERO Energy Co., Ltd.

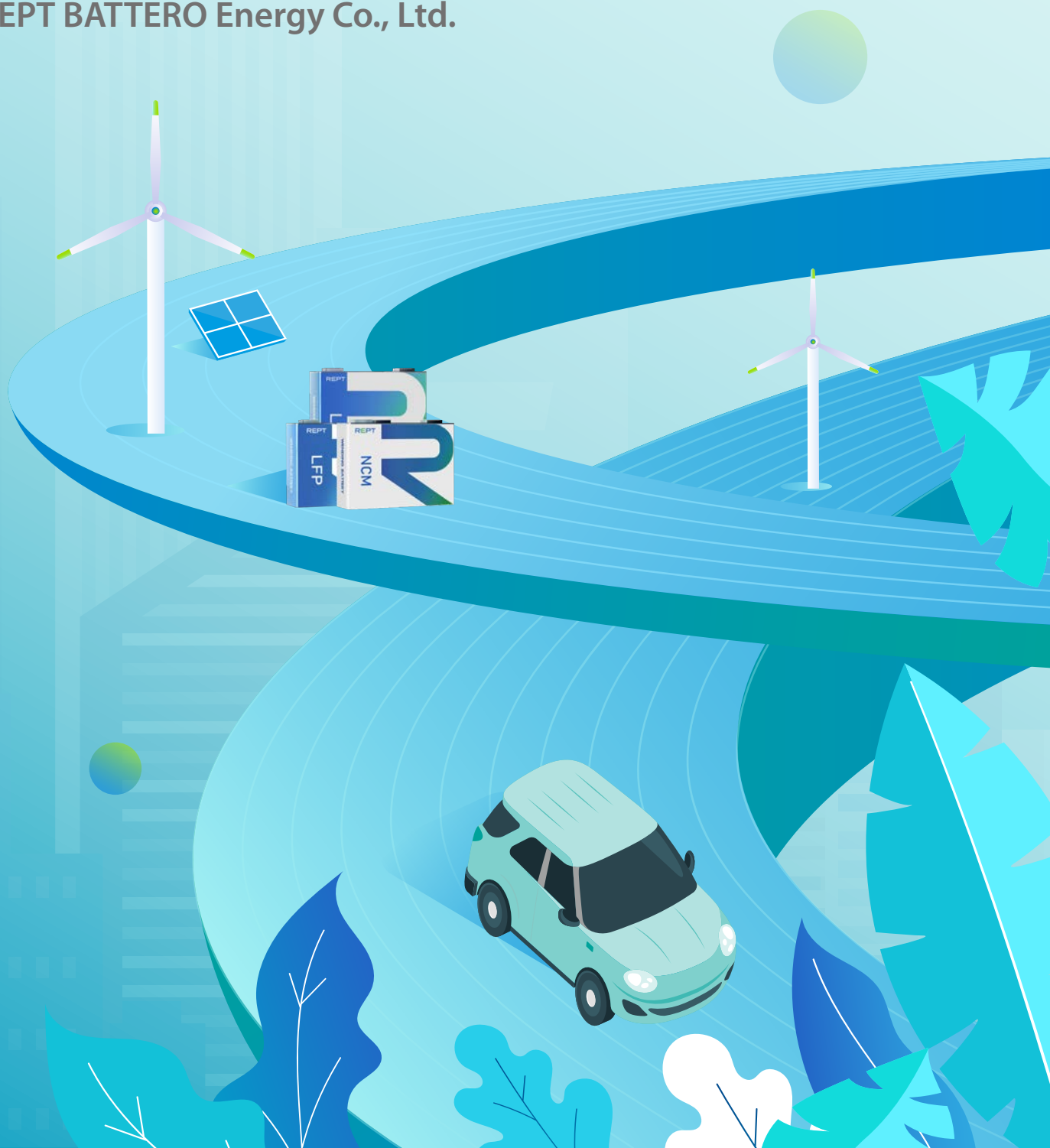


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About the ESG report

Reporting Standards

This report complies with the Environmental, Social and Governance Reporting Guide (the "ESG Reporting Guide") in Appendix C2 of the Main Board Listing Rules issued by The Stock Exchange of Hong Kong Limited ("HKEX"), with reference to the United Nations' 2030 Sustainable Development Goals ("SDGs"), the Global Sustainability Standards Board's Global Reporting Initiative Standards ("GRI Standards"), and HKEX's Reporting on TCFD recommendations: Guidance on Climate Disclosures.

Reporting Principles

This report adheres to the principles of materiality, quantitative, balance and consistency in the ESG Reporting Guide of HKEX:

(1) Materiality: The Company has identified the stakeholders and assessed material issues, and defined the content and scope of the report based on the results of the identification. This serves as the basis for determining the focus of disclosure in this report.

(2) Quantitative: The statistical standards, methods, assumptions, and calculation tools used for the quantitative KPIs in this report, as well as the sources of conversion factors, have been explained in the corresponding positions (if applicable).

(3) Balance: This report aims to provide a balanced presentation of the Company's efforts in all aspects of ESG, including environmental, employee, governance responsibility, product responsibility and community aspects.

(4) Consistency: This ESG report is the first ESG report released by the Company. We will adopt a consistent statistical approach in future years to facilitate meaningful comparisons in the future.

Time Scope

The Reporting Period is from January 1, 2023 to December 31, 2023 (hereinafter referred to as the "Reporting Period"). To enhance comparability, some content is appropriately retroactive to previous years or involves 2024.

Organizational Scope

Unless otherwise stated, this report covers REPT BATTERO Energy Co., Ltd. and its subsidiaries.

Description of data

The information in this report is sourced from the Company's internal statistics, annual reports, and public materials. Unless otherwise specified, the scope of disclosure of the key performance indicators ("KPIs") in the social aspect of this report includes the Company and its subsidiaries; the scope of disclosure of the KPIs in the environmental aspect of this report includes Wenzhou Base, Jiashan Base and Shanghai Battero, while Liuzhou Base and Guangdong Base have not yet been formally put into operation during the Reporting Period and are therefore not included; and the denomination of this report is in Renminbi (RMB).

Description of title

For ease of presentation and reading, "REPT BATTERO Energy Co., Ltd." is also referred to as "REPT BATTERO", "the Company" and "we" in this report.

Access to the report

To promote environmental protection, this report is only available in electronic format, which can be viewed online or downloaded from the official website of REPT BATTERO (www.chinarept.com) or the HKExnews website (<https://www.hkexnews.hk>). This report is presented in both Chinese and English. In case of any discrepancy in understanding between the two language versions, please refer to the Chinese version.

Message from the Chairman



REPT BATTERO Energy Co., Ltd.
Dr. Cao Hui, Chairman and President

Dear shareholders, customers, and friends from all walks of life:

In 2023, while facing multiple challenges such as the transformation of the global energy structure, the rapid development of new energy vehicles, and fluctuating raw material prices, REPT BATTERO remains committed to our original spirit. We are fulfilling our corporate social responsibility, and ensuring that sustainable development as the firm cornerstone in our journey of progress.

Amid the crisis, we are cultivating new opportunities and exploring new horizons. On December 18, 2023, REPT BATTERO was successfully listed on the Hong Kong Stock Exchange (00666.HK). We have made progresses in protecting investors' rights and improving our risk management system. On the one hand, we have established a multi-faceted communication platform to engage positive, transparent, and effective communication with investors and to comprehensively improve information disclosure. Moreover, we have formulated risk management policies that cover various type of risks that could arise during research and development, procurement management, production management, sales management and new project construction, and also have integrated ESG into the Company's strategic planning and the daily operation.

We leverage our industry expertise, uphold the tradition of meticulous craftsmanship, and consistently drive innovation. Following the product strategy of "dual-focus on Electric Vehicle (EV) and Energy Storage System (ESS) batteries" and adhering to the concept of "innovation-driven, green energy", REPT BATTERO empowers our product with self-developed and advanced technologies by leading the industry in overcoming numerous challenges in R&D processes and equipment. This has resulted in breakthroughs in mass production processes and rapid expansion of the product matrix, making REPT BATTERO a standout in the industry. In the future, REPT BATTERO will continue to explore technological innovation and energy management, to promote the new energy industry to a higher level, and to become a leading force in opening a new era of energy revolution.

To achieve the dual-carbon (carbon peaking and carbon neutrality) goal, we continue to enhance our refined environmental management. We have significantly improved energy efficiency and achieved energy savings in the production chain by applying clean energy, laying photovoltaic power generation devices, optimizing production processes, and renovating production equipment. We have also mapped the Company's carbon emissions. The organizational carbon emission was calculated and certified for 2022 and 2023, and the life cycle assessment of our products were also conducted to explore carbon reduction opportunities during the product development and production stages. We have obtained the Ministry of Industry and Information Technology (MIIT) of China's recycling qualification for echelon utilization of batteries and have become the standardized enterprise in the comprehensive utilization industry of waste power storage batteries for new energy vehicles.

We are committed to collaboration with more stakeholders to create mutually beneficial social value. Regarding talent cultivation, we adhere to the concept of sustainable talent building via boldly employing outstanding talents for important roles, training and cultivating business and positional leaders, and to build a platform for our employees to grow and demonstrate their capabilities. Simultaneously, we provide the safety training to all our employees and conduct safety audits during daily operations to ensure safety of production. We continue to take action and to fulfill our community responsibilities. Our public welfare actions include promoting local development, educational equity, and we also focus on special populations in order to build a better society.

Looking ahead, we will adhere to the concept of "Innovative smart energy to light up the green future" and continue to promote our ESG practices. Our goal is to achieve the long-term value of the Company and contribute to the sustainable development for our society. We look forward to collaborating with all stakeholders to seize opportunities, to explore new horizons, and to jointly write a new chapter in the lithium battery industry.

Statement of the Board

REPT BATTERO adheres to the principle of balancing progress and stability, responds to ESG regulatory policies with practical actions, and continuously improves ESG management capabilities to achieve high-quality development. The Company has established a three-tier ESG governance structure consisting of "the Board, ESG Committee, and ESG Management Committee". The Company's Board of Directors is responsible for the Company's ESG strategy, performance, and reporting. They authorize the ESG Committee to determine objectives, management strategies, and policies for ESG management. The ESG Committee ensures the establishment of an effective ESG risk management and internal monitoring system and reports to the Board.

REPT BATTERO regularly oversees the conduct of stakeholder research, identifies and manages ESG opportunities and risks, defines annual ESG issues and promotes the implementation of relevant objectives. In 2023, REPT BATTERO prioritized continuous research in ESG risk management, ESG ratings, green manufacturing and product innovation, and green operations to accelerate related work.

This report provides a detailed overview of REPT BATTERO's ESG practices and results in 2023. It was approved by the Company's Board of Directors on March 26, 2024.



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Company Introduction



REPT BATTERO Energy Co., Ltd. (abbreviated as REPT BATTERO), established in 2017, is the first enterprise invested by Tsingshan Holding Group in the field of new energy. Leveraging Tsingshan Holding's abundant nickel ore resources, REPT BATTERO specializes in the research and development (R&D), production, and sales of EV batteries and system-level applications, providing high-quality solutions and services for global new energy vehicles and intelligent power storage. In 2023, REPT BATTERO ranked fourth globally in terms of ESS batteries shipments, eleventh among domestic EV battery companies in terms of EV batteries installation volume, and sixth among domestic EV battery companies in terms of lithium iron phosphate (LFP) batteries installation volume.¹ The Company plans to increase the total production capacity to over 150GWh by 2025.

Since the global launch of the "WenDing" technology in 2022, REPT BATTERO has continued to iterate and set new benchmarks for the volumetric energy density of lithium batteries, such as developing plug-in hybrid EV batteries with global leading performance. Throughout our development, REPT BATTERO has been committed to developing and producing high-performance batteries, including long-life LFP batteries and high-energy-density batteries, supporting a wide range of applications from EVs to intelligent energy storage

¹ The ranking of ESS batteries is referenced from: InfoLink Consulting.

The ranking of EV batteries is referenced from: China Automotive Battery Innovation Alliance.

The ranking of LFP batteries is referenced from: China Automotive Battery Innovation Alliance, and Battery China.

Business Scope

⚡

EV Battery

Our EV battery products include LFP battery products and ternary lithium battery products.

Application scenarios

EVs, including passenger vehicles, commercial vehicles (e.g. buses, trucks, etc.) and special vehicles (e.g. forklifts, other construction machinery, etc.).

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ESS Battery

Our ESS battery products are LFP batteries.

Application scenarios

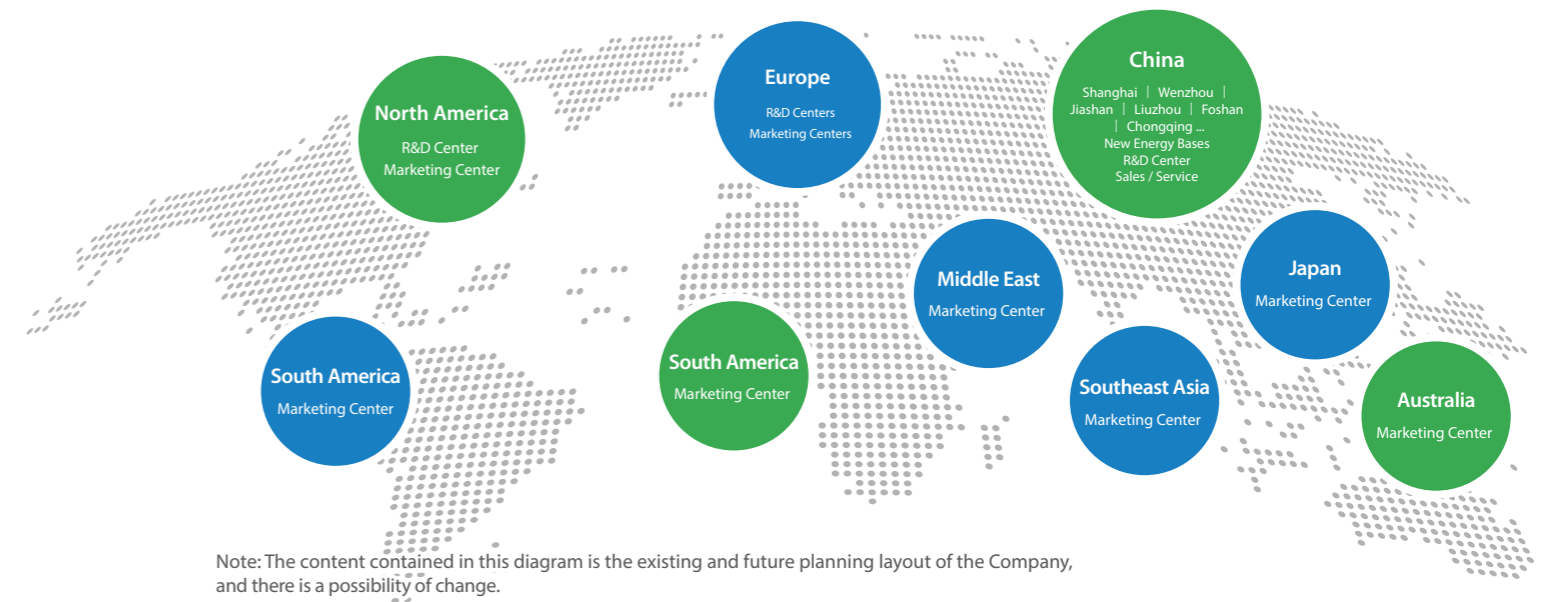
household energy storage, large-scale industrial energy storage scenarios, such as power stations, power grids and commercial energy storage scenarios.

Global Layout

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Production Bases

Wenzhou | Liuzhou | Jiashan | Foshan | Chongqing | Southeast Asia | Europe | South America



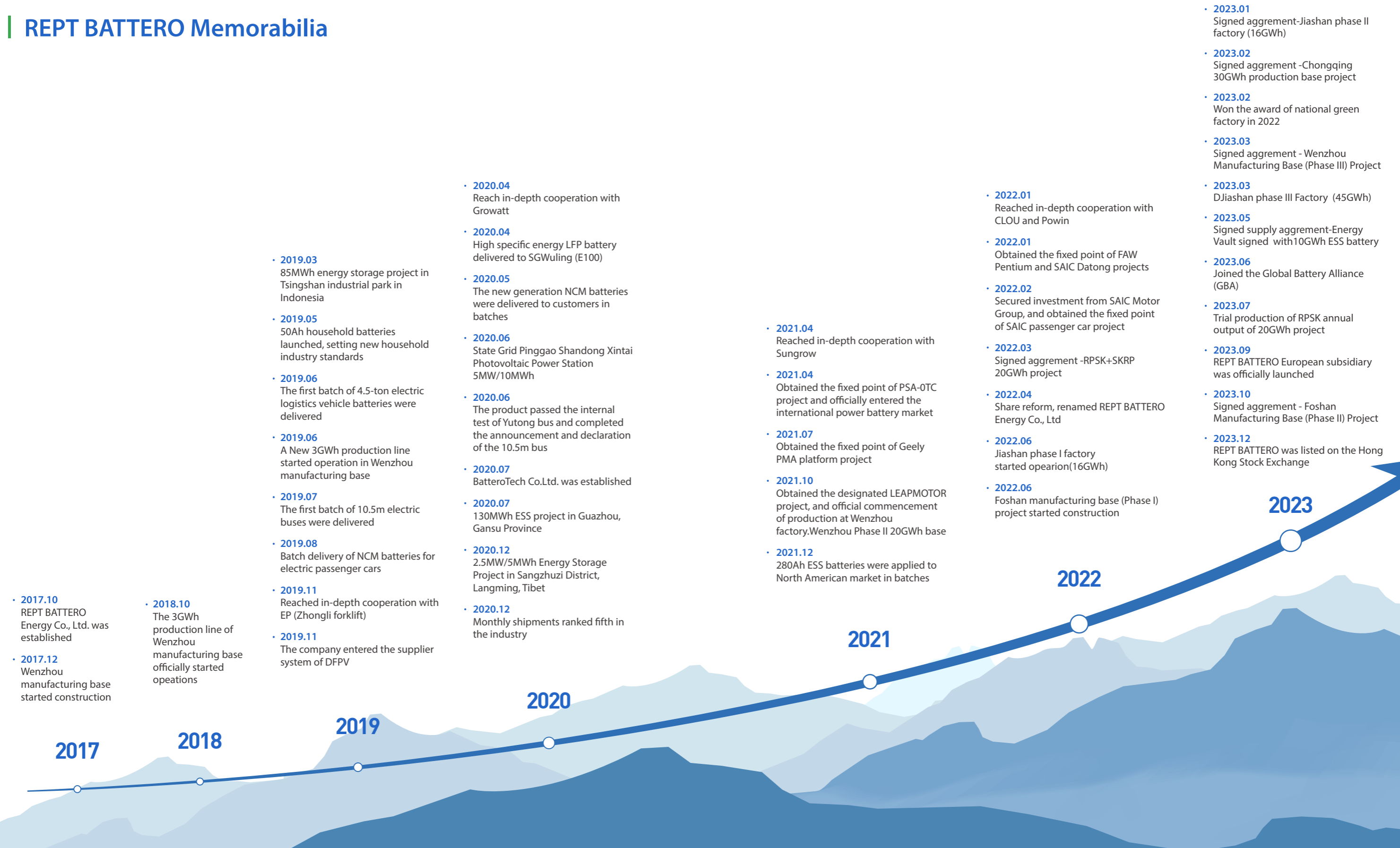
Note: The content contained in this diagram is the existing and future planning layout of the Company, and there is a possibility of change.

REPT BATTERO ESG-related Honors



- 01 Successfully joined the Global Battery Alliance (GBA)
- 02 Laboratories passed the national CNAS laboratory certification
- 03 Awarded the Green Sustainability Contribution Award at the 2nd International Green Zero Carbon Festival in 2023
- 04 Awarded the Carbon Reduction Technology Pioneer of the Year Award at the 4th International Science and Innovation Festival in 2023
- 05 Awarded the Carbon Neutral Innovation Enterprise Award by the Carbon Neutral Specialized Committee of China Energy Conservation Association in 2023
- 06 Honored as the Jiaxing Municipal Government- Intellectual Innovation Demonstration Research Platform in 2023
- 07 Honored as China Energy Storage Battery Brand in 2023 Energy Storage Industry Conference
- 08 Awarded the New Energy Pioneer Award of GaoGong Consulting in 2023
- 09 Awarded the 2023 ICCSINO Lithium Battery Energy Storage Enterprise Pioneer Award
- 10 Awarded the Top 10 Brands of Energy Storage Batteries of the year by the International Energy Network in 2023
- 11 Awarded the Innovation Technology Award of the 2023 Gaogong Lithium Battery Golden Globe Award
- 12 Awarded "Best Supply Security Award" by Dongfeng Nissan
- 13 Awarded "Quality Excellence Award" by Sunny Power
- 14 Awarded the "New Pentium - Sincere Cooperation Award" by FAW Pentiu.

REPT BATTERO Memorabilia



- **2017.10**
REPT BATTERO Energy Co., Ltd. was established
- **2017.12**
Wenzhou manufacturing base started construction

- **2018.10**
The 3GWh production line of Wenzhou manufacturing base officially started operations

- **2019.03**
85MWh energy storage project in Tsingshan industrial park in Indonesia
- **2019.05**
50Ah household batteries launched, setting new household industry standards
- **2019.06**
The first batch of 4.5-ton electric logistics vehicle batteries were delivered
- **2019.06**
A New 3GWh production line started operation in Wenzhou manufacturing base
- **2019.07**
The first batch of 10.5m electric buses were delivered
- **2019.08**
Batch delivery of NCM batteries for electric passenger cars

- **2019.11**
Reached in-depth cooperation with EP (Zhongli forklift)
- **2019.11**
The company entered the supplier system of DFPV

- **2020.04**
Reach in-depth cooperation with Growatt
- **2020.04**
High specific energy LFP battery delivered to SGWuling (E100)
- **2020.05**
The new generation NCM batteries were delivered to customers in batches
- **2020.06**
State Grid Pinggao Shandong Xintai Photovoltaic Power Station 5MW/10MWh
- **2020.06**
The product passed the internal test of Yutong bus and completed the announcement and declaration of the 10.5m bus
- **2020.07**
BatteroTech Co.Ltd. was established
- **2020.07**
130MWh ESS project in Guazhou, Gansu Province
- **2020.12**
2.5MW/5MWh Energy Storage Project in Sangzhuzi District, Langming, Tibet
- **2020.12**
Monthly shipments ranked fifth in the industry

- **2021.04**
Reached in-depth cooperation with Sungrow
- **2021.04**
Obtained the fixed point of PSA-OTC project and officially entered the international power battery market
- **2021.07**
Obtained the fixed point of Geely PMA platform project
- **2021.10**
Obtained the designated LEAPMOTOR project, and official commencement of production at Wenzhou factory.Wenzhou Phase II 20GWh base
- **2021.12**
280Ah ESS batteries were applied to North American market in batches

- **2022.01**
Reached in-depth cooperation with CLOU and Powin
- **2022.01**
Obtained the fixed point of FAW Pentium and SAIC Datong projects
- **2022.02**
Secured investment from SAIC Motor Group, and obtained the fixed point of SAIC passenger car project
- **2022.03**
Signed aggrement -RPSK+SKRP 20GWh project
- **2022.04**
Share reform, renamed REPT BATTERO Energy Co., Ltd
- **2022.06**
Jiashan phase I factory started opearion(16GWh)
- **2022.06**
Foshan manufacturing base (Phase I) project started construction

- **2023.01**
Signed aggrement-Jiashan phase II factory (16GWh)
- **2023.02**
Signed aggrement -Chongqing 30GWh production base project
- **2023.02**
Won the award of national green factory in 2022
- **2023.03**
Signed aggrement - Wenzhou Manufacturing Base (Phase III) Project
- **2023.03**
DJiashan phase III Factory (45GWh)
- **2023.05**
Signed supply aggrement-Energy Vault signed with10GWh ESS battery
- **2023.06**
Joined the Global Battery Alliance (GBA)
- **2023.07**
Trial production of RPSK annual output of 20GWh project
- **2023.09**
REPT BATTERO European subsidiary was officially launched
- **2023.10**
Signed aggrement - Foshan Manufacturing Base (Phase II) Project
- **2023.12**
REPT BATTERO was listed on the Hong Kong Stock Exchange



Steady Governance for Long-Term Stability

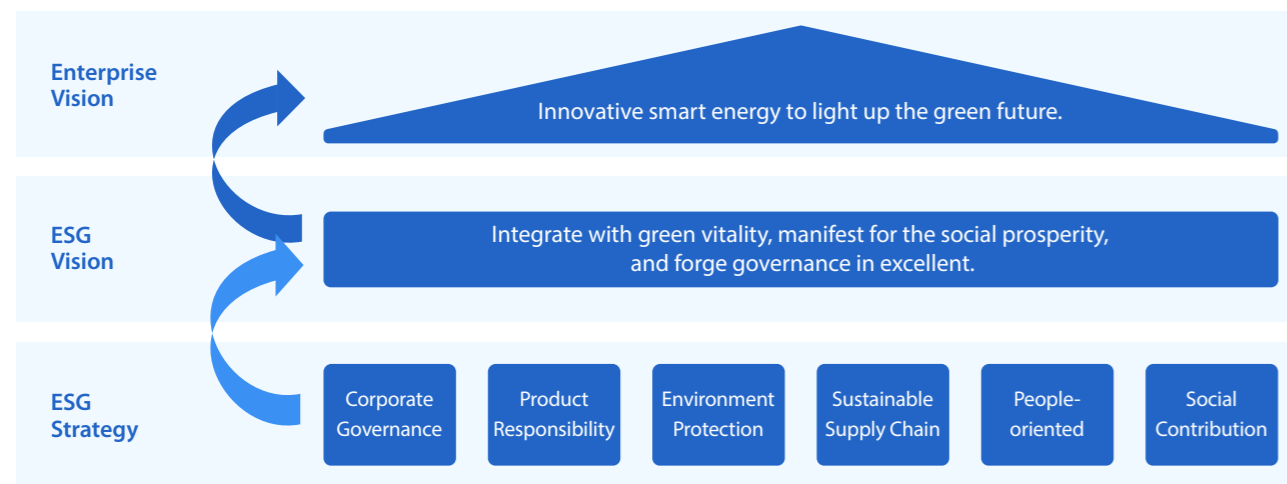
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ESG and Sustainable Governance

Guided by REPT BATTERO's ESG vision of "integrate with green vitality, manifest for the social prosperity, and forge governance in excellent", we implement our social responsibility policy of low-carbon production, people-oriented, and honest management. We establish our ESG governance structure and operation mechanism, open transparent communication channels with stakeholders, and evaluate material issues in a more scientific manner. Our goal is to build ESG management processes, strategies, and practices that create a deep synergy between our corporate management and operations and the concept of sustainable development.

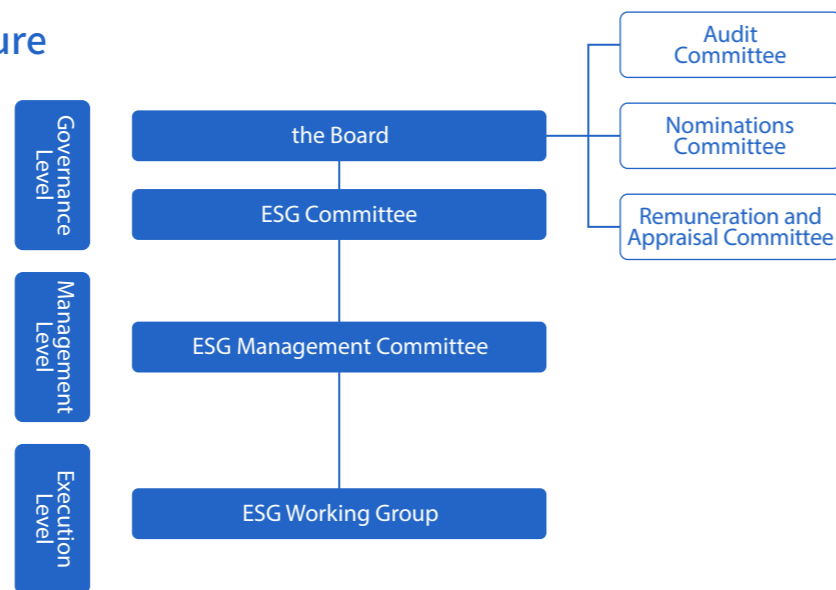
ESG Strategy

To promote our vision, we have developed six ESG strategies.



ESG Management Structure

To fulfill our social responsibility and achieve sustainable development, we have implemented an ESG management structure.



Governance Level

The Board of Directors (the "Board") serves as the highest responsible body for ESG-related work of REPT BATTERO.

The ESG Committee was established by the Board as the highest governing and approving body for REPT BATTERO's ESG-related work. The Committee consists of three directors, including two female directors. Its responsibilities include reviewing the Company's ESG and sustainability management organizational structure, as well as the authority of the positions and duties. Additionally, the Committee reviews and approves the Company's sustainability strategy, assesses the achievement of strategic objectives and KPIs, and oversees other ESG and sustainability management work. Finally, the Committee reports to the Board on ESG-related work.

Management Level

The ESG Management Committee is composed of senior leaders of the Company. Its responsibilities include formulating and implementing the Company's sustainability strategy, supervising, and guiding the work of the ESG working groups at each base, overseeing the achievement of sustainability goals, leading the organization of the preparation of the annual ESG report, and facilitating sustainable communication with stakeholders.

Executive Level

The ESG task force is comprised of representatives from each department and base of the Company. Their responsibility is to implement and execute ESG-related work.

Material Issues Management

REPT BATTERO recognizes that material issues are key drivers of sustainability management. In 2023, we worked on identifying and evaluating materiality issues based on the characteristics of our industry, and integrating our stakeholders' concerns into our ESG operations and management.

Material Issues Identification and Analysis



Identify Key ESG Issues

Identify ESG key issues for REPT BATTERO by analyzing the industry and corporate background and sorting out the key points of sustainability work according to industry-related ESG policies and standards. Refer to the key issues of the industry that MSCI and SASB are concerned about and screen out 21 relevant issues.



Stakeholder Engagement

Internal and external stakeholders are interviewed and invited to complete online or offline questionnaires to rate the importance of the issues in the ESG issues database.



Materiality Assessment

The results of the questionnaire are then categorized and analyzed to generate a matrix of material issues based on their internal and external impact.

Stakeholder Engagement

During the Reporting Period, the Company conducted the stakeholder questionnaire survey. Online or offline questionnaires were sent to eight key categories of internal and external stakeholders, including senior management and other employees, shareholders, customers, government departments and regulators, suppliers, industry and standards associations, the community and the public, and NGOs and the media. The purpose of the survey was to obtain their judgments of the importance of ESG issues. By categorizing and quantitatively analyzing valid questionnaires, the Company has identified the ESG issues that are most important to each stakeholder. This information will serve as a crucial reference for evaluating and ranking the issues by importance.

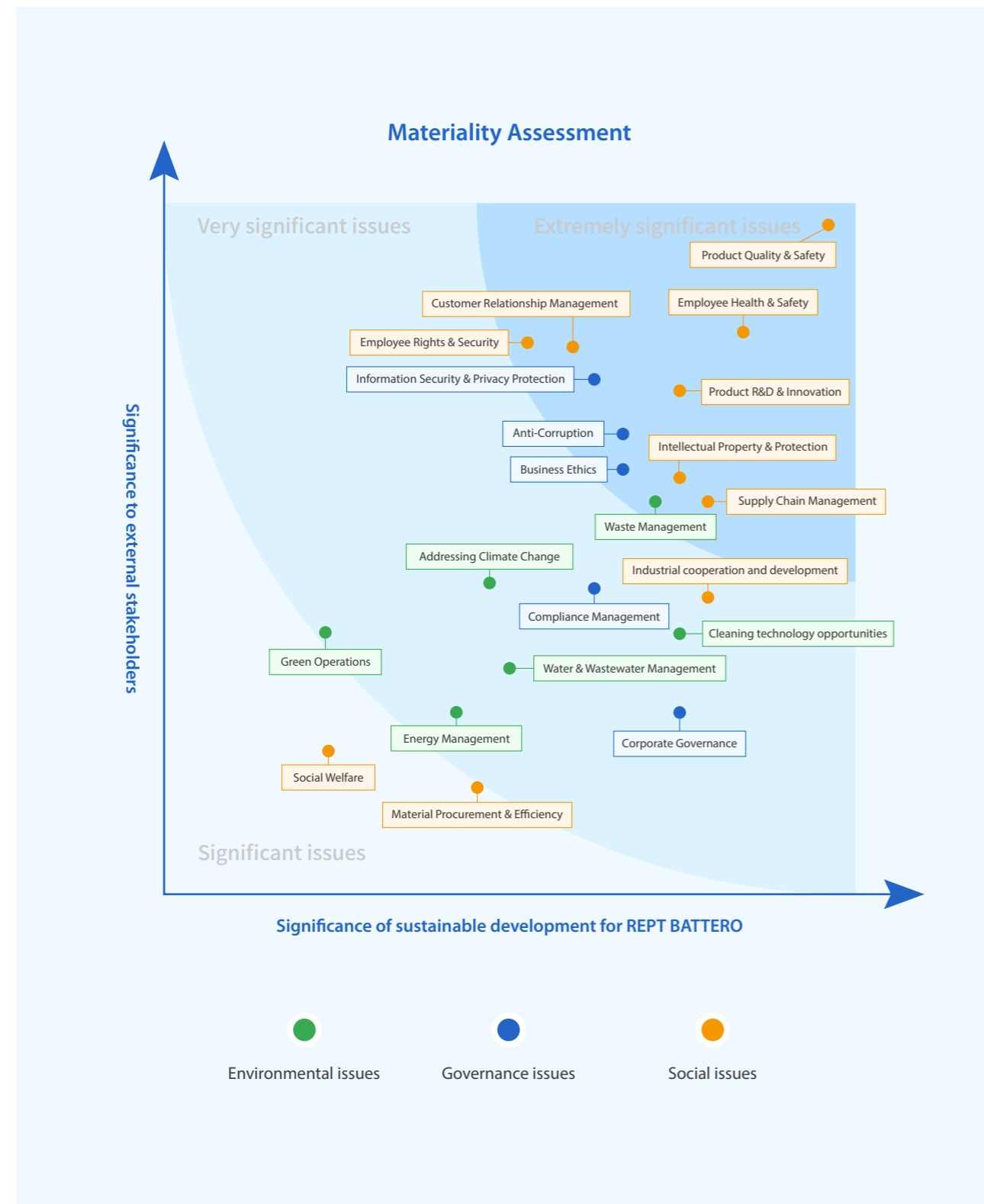


Stakeholder Communication



Stakeholders	Senior management and other employees	Shareholders	Customers	Government departments and regulators	Suppliers	Industry & standards associations	Community and the public	NGOs and media
Issues of Concern	Product Quality & Safety Customer Relationship Management Product R&D & Innovation Employee Health & Safety Employee Rights & Security Information Security & Privacy Protection	Product Quality & Safety Customer Relationship Management Product R&D & Innovation Supply Chain Management Intellectual Property & Protection Corporate Governance Information Security & Privacy Protection Compliance Management Anti-Corruption Business Ethics	Waste Management Green Operations Product Quality & Safety Employee Health & Safety Employee Rights & Security Customer Relationship Management Material Procurement & Efficiency	Green Operation Waste Management Product Quality & Safety Customer Relationship Management Employee Rights & Protection Social Welfare Compliance Management Anti-Corruption Business Ethics	Product Quality & Safety Product R&D & Innovation Supply Chain Management	All issues in REPT BATTERO's ESG issues database	Product Quality & Safety Employee Health & Safety Employee Rights & Security Information Security & Privacy Protection	Addressing Climate Change Information Security & Privacy Protection
Communication and Response Channels	Survey questionnaires Employee symposiums Internal communication platforms	Questionnaires Shareholders' meetings Investor relations activities Other communication activities	Surveys Customer interviews Social media	Survey questionnaires Government exchange meetings On-site inspections Information disclosure	Survey questionnaires Internal work communication platform	Survey questionnaires Industry seminars Information disclosure	Surveys Charity events Social media	Surveys Social media Media relations team communications Information disclosure

Material Issues Matrix



Corporate Governance

Corporate Governance Mechanism

As of the end of 2023, the Company's Board of Directors comprised 12 members, including 3 executives, 5 non-executives, and 4 independent non-executives, representing 33% of the board. The Board consists of 9 male (75%) and 3 female (25%). The Company's directors are elected or replaced at the general meeting of shareholders for a three-year term and are eligible for re-election at the end of that term.

The Board highly values the diverse backgrounds of its members, including their industry insights, professional knowledge, experience, gender, geography, and culture. When selecting our directors, we carefully consider the Company's policies and the requirements of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited. We conduct a thorough evaluation of candidates to ensure they meet the necessary qualifications. The current Board members have extensive expertise in various industry sectors, including lithium-ion

batteries, metal materials, automotive, energy, finance, and corporate management.

To fulfill the Board's responsibilities, the Company has formed three specialized committees: the Audit Committee, the Nomination Committee, and the Remuneration Committee. Each specialized committee has its own responsibilities. They make proposals and submit them to the Board for consideration and decision. The three committees provide scientific and professional advice to the Board for decision-making and offer effective guidance for the Company's long-term strategic development and governance. Additionally, the Board has established an ESG committee and authorized it to determine the Company's ESG management goals, strategies, and policies. This ensures the establishment of an effective ESG risk management and internal monitoring system. The ESG committee also leads the organization of the ESG annual report and reports to the Board.

Investor Relations Management

Conducting investor relations management is crucial for establishing and maintaining positive, transparent, and effective communication with our investors. We are dedicated to building strong relationships with investors through various channels to meet their expectations and enhance our recognition in the market.

Communication & Feedback

Select a professional investor relations team to communicate and interact with investors, efficiently deliver the Company's core information, respond to investor inquiries and concerns, and provide timely feedback to the Company's Board of Directors and management on investor opinions.

Information Disclosure

Comply strictly with applicable laws and regulations and regularly publish accurate and timely financial and non-financial information. This includes annual reports, periodic reports, interim announcements, and reports on financial performance and sustainable development. Provide information on the Company's governance structure, shareholding structure, and board members to demonstrate transparency and compliance of the Company's governance.

Investor Interaction

Participate in investor events, roadshows, and conferences to interact directly with investors and provide online and offline investor reception.

Media Cooperation

Strengthen partnerships with social media platforms to provide timely company updates, insights, and responses to investor questions to ensure that the media is able to report on the latest company developments in a comprehensive and timely manner.

Public Relations Maintenance

Establish a crisis management mechanism to prepare for possible problems and negative events in advance and ensure timely and effective responses in the event of a crisis.

Network Information Platform Construction

Create an investor relations section on the Company's official website to facilitate efficient and transparent disclosure of investor-related corporate information.

Risk Management and Internal Control

REPT BATTERO is committed to legal compliance and has a strong focus on building and maintaining a robust risk management and internal control system. We have adopted and implemented a comprehensive risk management policy that covers all types of risks that may arise in the process of R&D, procurement management, production management, sales management, and new project construction.

Our risk management and internal control system covers not only risks in specific business segments but also general functional operations and decision-making processes, such as human resources, financial management, asset management, warehousing and logistics management, information system management, and corporate governance. At the same time, we continue to focus on monitoring and evaluating our risk management and internal control systems to enhance their effectiveness in adapting to the ever-changing business environment and market conditions.

Risk Management and Internal Control Structure

- The Board is responsible for improving our internal control system, while the Supervisory Committee is responsible for monitoring the system of internal control, reviewing its effectiveness, and maintaining our risks at an appropriate level.
- The Audit Department evaluates our risk exposure annually and prepares a risk assessment report for approval by the Audit Committee and the Board.
- Each department proactively identifies the risks it faces and the internal and external factors that influence risk occurrence.
- External professional advisors are consulted as needed, and we conduct regular reviews in collaboration with our internal audit and legal teams to ensure the validity of all registrations, licenses, permits, filings, and approvals.

In 2023, we conducted a review of our risk management and internal control systems. This review will be conducted annually and will include all material controls, such as financial, operational, and compliance controls. Additionally, we have established a specialized internal control team responsible for establishing risk management and internal control systems, conducting internal audits, and providing internal control consulting. As of the end of the Reporting Period, our internal control management team members had an average of over 9 years of relevant work experience and held relevant professional certificates.

In addition, in the bidding and procurement process for new projects, we have established a bid evaluation team consisting of professional technical and commercial experts. This team participates in the supplier selection process to ensure that bidding and procurement achieve the best results in terms of quality, efficiency, compliance, and transparency. Simultaneously, we have established a monitoring mechanism for the bidding and procurement process, with the internal control team responsible for overseeing the qualification of potential candidates, the evaluation of bid documents, and the opening and evaluation of bids, to fully implement compliance controls. We also offer consulting services for bidding and procurement risk management to ensure that the entire process meets legal compliance, transparency, and fairness requirements. Our goal is to solidify our commitment to legal compliance principles, which protect our company's reputation and the integrity of our business activities. We believe that taking these constructive steps will establish a positive image of the Company in the market and provide a strong guarantee for its sustainable development.

Business Ethics and Anti-corruption

We have a zero-tolerance policy on bribery, corruption, extortion, and embezzlement. To ensure that our business activities are conducted in a lawful and compliant manner, we have established strict internal procedures, including the Corporate Business Ethics Management Regulations and Anti-Corruption and Anti-Bribery Management Control Procedures. These procedures detail the requirements for business ethics, including confidentiality, integrity, and conflict of interest, as well as other guidelines on codes of conduct, and clearly define the department responsible for supervision and monitoring. We stay informed about early indications of commercial bribery and, if needed, establish an audit team (with the President appointing the team leader) to conduct anti-bribery and anti-corruption audits. In 2023, the Company conducted a total of four relevant special audits.

We expect our employees to not only follow laws and regulations, but also uphold the Company's values and compliance standards, and strongly reject any violations. To maintain ethical business compliance, we emphasize the responsibility of employees to report violations. Our whistle-blowing system not only helps to identify and correct potential violations, but also establishes an open and transparent internal culture for the Company. We have established a whistle-blowing channel for external suppliers, employees, and other stakeholders to report any violations. After verifying the facts of the report, we will take appropriate action according to the relevant penalty system and make a public statement for all employees as a warning.

Business Ethics Reporting Channels

- TEL +86-0577-86870321
- Email jilvjiandu@chinarept.com



Simultaneously, we have clearly stated in our internal procedures that we provide necessary protection for whistle-blowers and maintain confidentiality of their identity and reported information. We will dismiss or terminate the labor contract of individuals who violates the law by leaking the information of the whistle-blowers or taking retaliation against the whistle-blowers, and if the relevant national laws are violated, the case will be referred to the judicial authorities for legal action. **During the Reporting Period, there were no corruption lawsuits filed against the Company or our employees.**

We are dedicated to fostering a culture of compliance among our employees. We strive to enhance business ethics and anti-corruption awareness through various channels, including integrity training. Our employees are expected to study and adhere to the compliance requirements related to their positions and actively engage in relevant training. During the Reporting Period, we organized 6 special training sessions on business ethics for our employees, covering anti-corruption and integrity promotion, with a total of 8,838 attendees. At the same time, we emphasized the promotion of integrity awareness among our governing bodies and **provided anti-corruption training to all directors during the Reporting Period.** In addition to raising internal awareness of business ethics, we also communicate to our suppliers to promote positive development in the industry.

Case: Business ethics training

In July 2023, we invited an external expert to conduct business ethics training for 120 executives at the managerial level and above, and required completion of a post-course quiz.



Information Security and Privacy Protection

Information Security Management System

The Company attaches great importance to computer systems and network infrastructure, through which we monitor the daily operations of our production facilities and collect, process and store data, including personal and transactional information about our customers, business partners and employees. Therefore, the maintenance and upgrading of computer systems and network infrastructure is particularly critical. The Company has implemented a series of measures to enhance the information security protection system.



Information Security System

- The Company has obtained the ISO 27001 information security management system certification and has developed corresponding system documents, including the Information Security Management Manual, Information Security Risk Management Procedures, and Data Security Management Procedures.
- During the Reporting Period, the Company established a control system to review and audit the information security system regularly, to ensure the stability and security of the system.



Information Security Technology

- **Anti-data leakage/terminal security:**
 - Desktop management system, which controls the Bluetooth and USB of computers to ensure that data will not be leak.
 - Encryption system, especially for the protection of R&D system files.
- **Internet behavior management:**
 - Monitor and prohibit employees from accessing certain illegal websites and online disks.
 - The core data of each business system cannot be operated remotely and must be accessed through a bastion machine. The IT department will save all the operation and screen recording records and conduct a review afterwards.
 - Real-name authentication of computers, with relevant control software in the background and an alarm mechanism for illegal operation.



Information Security Training

- During new employee orientation, the IT department will collaborate with the human resources department to conduct a training program that focuses on information security.
- The Company also organizes special training on information security for all employees twice a year to continuously improve their security awareness and preventive capabilities.

In addition, to protect the privacy of employees and customers, the Company binds entry computers to the Company. The IT department is responsible for recovering the computers when employees leave the Company and ensuring that the handover information flows back to the appropriate department. Subsequently, the computer will be completely emptied before secondary use to eliminate the potential risk of leakage of employee or customer information.

Information Security System

To manage data more efficiently, strengthen information security, and ensure the orderly development of business, we have introduced a series of systems. These systems work together to help us adapt to the ever-changing business environment, have more precise control over business processes, and maintain a leading edge in market competition.

ERP System (Enterprise Resource Management System)

We adopt ERP system to integrate business information and intelligence to facilitate management. We can achieve more efficient decision-making and more effective management through statistics, analysis, and intelligent processing of data and technology in sales, production, purchasing, and finance.

MES System (Manufacturing Process Management System)

We use MES systems to exchange data with equipment, record product manufacturing process data in a database, trace data from production planning to shipment, and control production quality through process logic. MES systems provide production data analysis for management decisions through integration with ERP systems.

PLM System (Product Life Cycle Management System)

PLM system provides a complete and unified R&D collaborative management platform for project management, R&D design, and technical documentation. The product life cycle is controlled in the project from project proposal to mass production. The system defines each stage of the project, including project planning and confirmation, product design and development (Sample A), process design and development (Sample B), product and process validation (Sample C), feedback, evaluation, and corrective action, as well as division of labor and management of tasks at each stage to manage each product in a more rational way.

OA System (Enterprise Office Collaboration Management System)

OA system promotes cross-departmental collaboration and cross-system connectivity. In personnel attendance management, we use the system to handle employee recruitment and resignation, abnormal changes, attendance accounting, and other tasks. The system can be used for meeting booking, communication, knowledge management and visitor registration, making office operations easier and more efficient.

WMS System (Warehouse Management System)

WMS system has the functions of receiving, shipping, transit, management, etc. It integrates batch management, material management, inventory, real-time inventory management, etc. WMS system can effectively control and track the logistics and cost management of the whole process and realize the comprehensive management of the enterprise's warehousing.

WCS System (Warehouse Control System)

WCS is a warehouse control system, which can monitor the operation and working condition of the equipment in real time. On the one hand, the WCS system interacts with the WMS system, receives instructions from the WMS system, and sends them to the PLC system to drive the transmission line for corresponding operations. On the other hand, it reflects the status and data of PLC system in real time, providing interface debugging and calling for PLC system and transmission lines.

SRM System (Supplier Management System)

SRM system is a business strategy for the relationship between enterprises and suppliers, aiming to optimize the procurement process and ensure the stability and efficiency of the supply chain. It assists enterprises and suppliers to establish, maintain and develop cooperative relationships through information technology, and carries out equal, transparent, collaborative, accurate and efficient management of suppliers to realize the synergistic effect of the supply chain.

In the future, the Company will continue to invest in information security and improve relevant systems and technologies to enhance overall information security management. The Company will remain vigilant to emerging cybersecurity threats and adjust and strengthen our information security measures as needed. Additionally, the Company plans to conduct more information security audits of external partners and suppliers to safeguard the entire business ecosystem, establish a secure and dependable digital work environment, and ensure the utmost protection of the Company's information, as well as the privacy of our employees and customers.



Precision in Quality, Responsibility First

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R&D and Innovation

In REPT BATTERO's corporate development process, we consider technological innovation and sustainable development achievements as the key drivers of our future success. These are the cornerstones of our relentless pursuit of excellence. We constantly overcome difficulties and lead the industry with high-quality standards, providing customers with high-quality and high-performance battery products. We are committed to supporting the national low-carbon development strategy and have positioned ourselves in the field of new energy batteries and system products. We are taking advantage of the opportunities of clean technology development and contributing to carbon reduction.

Green R&D Concept

Since our establishment, REPT BATTERO has always adhered to the concept of "innovation-driven, green energy" and has become an industry leader by empowering our products with cutting-edge technologies through independent green R&D.

REPT BATTERO adheres to the product strategy of "dual-focus on EV and ESS batteries". Our WenDing battery has undergone three years of refinement, overcoming nearly 100 R&D processes and equipment problems. We have completed a breakthrough in mass production processes, providing customers with dual-optimized solutions of "high safety and long range" in the EV field to promote green energy travel. In the ESS field, we have realized the synergistic effect of power and energy storage, providing sustainable and low-carbon integrated energy solutions, and redefining the new technology of new energy batteries. Our strategy of "dual-focus on EV and ESS batteries" allows us to use WenDing technology as a platform to rapidly enrich our product matrix, and continue our efforts in product R&D and manufacturing delivery to meet the diversified needs of our customers.

In the future, REPT BATTERO will continue to leverage our strength in lithium battery manufacturing to actively explore technological innovation and energy management. Our goal is to overcome industry challenges, promote the new energy industry to new heights, and become a driving force in the new era of energy revolution.

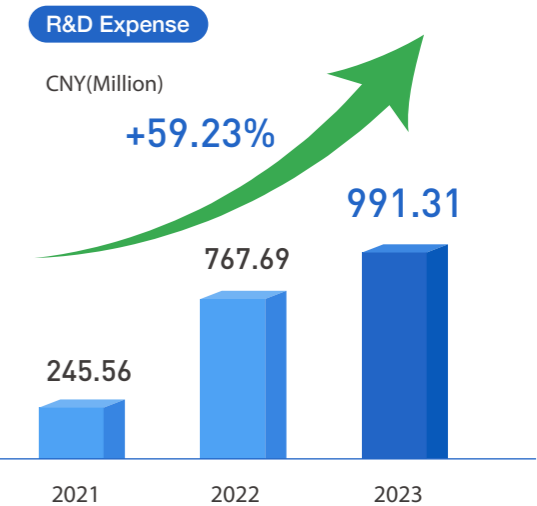


R&D Investment

We spare no effort to invest resources in exploring cutting-edge technologies to ensure that we are always at the forefront of technological innovation, respond quickly to market demands, and continuously launch products with high cost-performance ratio.



2023, REPT BATTERY invested CNY **991.31** million as R&D expenses
 accounts for **7.2%** of revenue



R&D Team

REPT BATTERO deeply understands that talent is the key engine for the excellent development of enterprise. Therefore, we cherish every employee and continue to introduce professional research talents. We have independently established a high-level talent training mechanism. REPT BATTERO has concentrated main development capabilities in Shanghai, Wenzhou, and Jiashan R&D centers, forming a collaborative work pattern. The Company's research team is widely distributed in different bases, forming a collaborative network. Despite different geographical locations, our researchers work closely together to promote knowledge exchange and in-depth cooperation through efficient information sharing and collaborative work platforms. This distributed research team structure allows us to make full use of the professional advantages of various regions, accelerate the innovation process, and ensure that our research in different fields can be comprehensively and deeply explored. Under this collaborative framework, our researchers are committed to promoting the continuous progress and innovation of the Company's technology.

Focusing on our strategic fields of new energy batteries, we are committed to breaking through the challenges of improving the safety and specific energy of EV batteries, developing a batch of domestically produced new battery products with the combination of EV and ESS, including different types of advantageous products such as LFP batteries, ternary batteries, and semi-solid batteries, strengthening the innovation shortcomings of the new energy battery industry chain, and promoting the optimization and improvement of the industry chain. Simultaneously, we focus on cultivating and gathering high-level innovative talents in the field of green energy batteries to drive the development of China's new energy power battery industry.

In terms of encouraging R&D and innovation, we have established mechanisms such as innovation project conferences and patent rewards to provide more incentives and support for researchers. Through these measures, we are committed to continuously promoting the advancement of the Company's technological progress and innovation. In this positive and dynamic R&D environment, we will make unremitting efforts to make greater contributions to promoting technological innovation in the field of power batteries, industrial chain development, and the promotion of green energy.



As of the end of the Reporting Period



our R&D team has gathered **1,918** high-level research talents

including **564** masters and **34** PhDs

R&D Platform

With excellent innovative strength and a robust scientific research platform, REPT BATTERO has established a solid foundation for pursuing high standards. This strength stems from the Company's unwavering investment in scientific research and continuous technological innovation, which provides strong support for maintaining our leading position in the industry. Our R&D centers are comprehensive laboratories that integrate material R&D and application, cells and system process preparation, testing, and validation. The centers have consulting teams consisting of academicians, researchers from the Chinese Academy of Sciences, professors from renowned universities, and other national experts. Their focus is on the R&D and trial production of various levels of products, including cells, modules, systems, and BMS.

Case: R&D and innovation platform

The hardware configuration and functions of our R&D center in Wenzhou comprehensively cover the requirements of various standards and customer needs in the field of complete vehicles. The center has completed over 200 test projects so far. In addition, we obtained CNAS national laboratory accreditation in September 2021 and obtained ISO26262 functional safety management system certification (BMS) from TÜV Rheinland in March 2022.

Leading Technology

We are promoting the commercialization of our next-generation products through comprehensive innovations in materials, battery design and battery structure, production processes, and equipment. Our products are characterized by high volumetric and mass energy density, compatibility with fast charging technology, long battery life, safety, reliability, comprehensive battery management system technology, and high system utilization. Our key technologies and R&D achievements, including SCL die-cutting technology, green adhesive-free removable CTP technology, question mark technology, and minimalist top cover, enable us to achieve all these features.

Our leading technologies

- Our SCL technology improves the safety performance of batteries, increases the volumetric energy density, and improve the utilization of battery space.
- Our green and detachable CTP technology enables the dismantling of large battery packs, which reduces the maintenance requirements for batteries and allow for convenient recycling.
- Our minimalism battery top cover technology can increase the effective usable capacity and space of battery cells and reduce battery weight and production cost.
- Our ultra-high-pressure high-speed liquid injection machine ensures higher efficiency of electrolyte injection inside the battery cell and is effective in improving the stability of the battery's long cycle performance.

Innovation Outcomes

REPT BATTERO continues to increase investment in innovation and continuously introduces new EV power and intelligent energy storage solutions that comply with various application scenarios and national certification standards. The Company's battery products have obtained over 300 domestic and international certifications, demonstrating exceptional product quality and technical strength. Through technological upgrades and product optimization, we will continue to introduce more advanced and more environment-friendly solutions, contributing to the realization of sustainable development and environmental protection goals.

Case: Large-scale application of WenDing 320Ah/345Ah ESS cells helps energy saving and emission reduction

The launch of WenDing 320Ah/345Ah ESS cells from REPT BATTERO is a significant technological advancement in the field of energy storage. This type of cells has increased in capacity while maintaining the same size as the 280Ah cells. Through structural and electrochemical innovations, the cell adopts double-high solid-liquid interface technology instead of the traditional butterfly weld structure. This shortens the length of electrode lugs and reduces the internal resistance of the battery. As a result, the lithium-ion transmission speed is enhanced, and the energy efficiency of 0.5P reaches 95.4%, while that of 0.25P reaches 96.3%. Meanwhile, the WenDing battery has achieved a volume utilization rate exceeding that of large cylindrical batteries for the first time, marking a significant milestone in the battery industry.

The large-scale application of this 320Ah/345Ah ESS cell offers a significant advantage in terms of energy savings and emission reduction. Firstly, it can reduce the site area by 15%, effectively solving the problem of energy storage facilities occupying land. Secondly, the high energy density and efficiency of the cells also contribute considerably to energy saving and emission reduction, and offer more than a 5% cost reduction in project expenses, making them a leader in the field of green energy.

It is important to note that the 320Ah/345Ah ESS battery cells have received UL 1973 and IEC 62619 certifications from TÜV Rheinland, which are internationally recognized certifications. This allows them to enter the European and North American markets. Additionally, the Company has received the ESS Battery Award for 2023 "All Quality Matters Award" from TÜV Rheinland. These honors fully recognize the technological innovation and product quality of the WenDing 320Ah/345Ah batteries in the field of energy storage. The large-scale application of REPT BATTERO'S WenDing 320Ah/345Ah battery cells has successfully contributed to a green, efficient, and sustainable future.



Case: PHEV passenger car battery products

Our LFP battery cells for PHEV have the advantages of high power and high energy. The use of nanoscale active materials and thinner composite electrodes reduces the internal resistance of Li+ diffusion. Additionally, the use of composite lithium salts in the electrolyte achieves high ionic conductivity. The minimalist top cover structure enables the cells to achieve a maximum charging and discharging current of up to 20C/25C and an instantaneous discharge of 2,100W. This improves the 100-second acceleration capability. Additionally, the battery has a cycle life of up to 6,000 times and can theoretically drive up to 260,000 kilometers on pure electric power. Therefore, battery life is no longer a concern. The second-generation roof structure upgrades the battery cell, resulting in a weight reduction of over 10%, a 5% improvement in space utilization, and a 5% reduction in overall energy consumption. SAIC-GM-Wuling and SAIC-Passenger Vehicle have already received PHEV battery cells in bulk, and some of these models are among the top five in PHEV sales.



Case: "ChenXing" large cylinder battery system

Our large-cylinder batteries are primarily used in passenger cars and offer high capacity and fast charging. They have an energy density of up to 280Wh/kg and can be charged in less than 15 minutes, effectively addressing driving range and charging concerns for car owners. To improve performance, we have implemented multi-dimensional resistance reduction technology, breathing electrolyte replenishment technology, and stable and cost-effective high-nickel cathode materials. These advancements have effectively enhanced the cycle life and energy density of our large cylindrical batteries. In terms of safety, our batteries are fully guaranteed at both the cell and system levels. The cell uses the AAS casing method, which effectively improves the battery's outgassing issue. At the system level, we have built safety measures for side impact safety, bottom ball impact safety, heat and power separation, and heat spread inhibition to ensure the battery operates stably and reliably under various conditions.



Case: Super-fast charging battery products with large multiplication rate

Our super-fast charging cell also has advantages in charging capacity and energy density. The ternary system super-fast charging cell has a maximum charging multiplication rate of 5C and an average charging multiplication rate of 4C, which can reduce the charging time of 10-80% SOC to less than 10 minutes, greatly reducing customer anxiety about long charging times. Our LFP super-fast charging cell has a maximum charging multiplication rate of 4C and an average charging multiplication rate of 3C. This can reduce the charging time of 10-80% SOC to less than 12 minutes, with a mass energy density of 185Wh/kg and a volume energy density of 410Wh/L. The super-fast charging cells utilize a low internal resistance electrochemical system and a shortened lug length due to the WenDing structure. This reduces both AC and DC internal resistance while increasing energy density. The cells have been delivered in small batches to initial passenger car customers and are expected to be in mass production by 2024.



Case study: A 230Ah shared battery system for vehicle storage empowers overseas power charging and replacement businesses

Our battery cells have a high safety rating and long lifespan, with an energy density of 185Wh/kg and a cycle life of over 7,000 cycles at room temperature, meeting the necessary requirements. They also have good multiplier performance, supporting a quick and stable 3-5 minute power change for heavy trucks. On the other hand, the 230Ah long cycle life and high energy density cells effectively solve the range anxiety and operational efficiency problems of power replacing heavy trucks. Additionally, power replacing heavy trucks offer the advantages of low noise and low carbon emissions, which can greatly improve the working environment of workers in the park. This will result in a significant improvement in transport efficiency.



To address the challenges of eco-friendly mining and transportation costs, we have partnered with Indonesia Weda Bay Industrial Park to build our Qiyuanxin Power Station No. 1 in the Weda Bay Industrial Park, Indonesia. The power station will be equipped with our 230Ah vehicle storage shared battery system. The project is planned to be constructed with 2GW of photovoltaic power. The first phase of the project will include two heavy truck charging and replacing stations equipped with our 230Ah battery system and 100 power replacing heavy trucks. This is expected to save customers RMB15 million in operating costs and reduce carbon dioxide emissions by 24,920 tons per year.

We plan to invest more resources in R&D to strengthen our market position and promote competitive products. Our R&D will focus on improving the energy density, number of cycles, safety, fast charging, and cost-effectiveness of our products. To achieve this, we will advance R&D in the following areas:

Composite material system

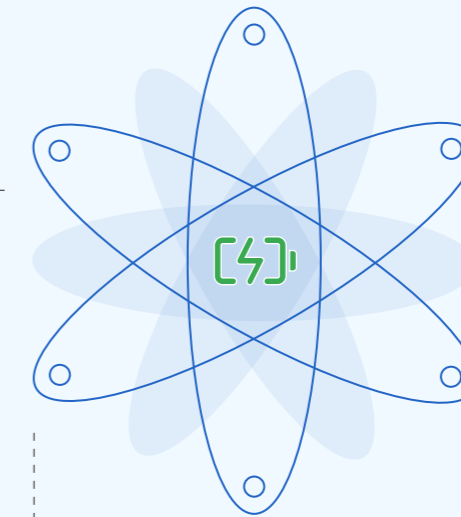
We aim to improve the safety performance and power performance of battery products employing the ternary composite phosphate system to meet various application scenarios.

Lithium manganese-iron phosphate battery system

We have started the development and production of lithium manganese-iron phosphate batteries. Due to the characteristics of high voltage and abundant supply of manganese, lithium manganese-iron phosphate batteries can achieve higher energy density, lower cost per Wh and better performance in low temperature environment compared to LFP batteries, and have better safety performance compared to ternary batteries.

Semi-Solid-State battery

Our semi-solid-state battery utilizes a high-nickel positive electrode and silicon-carbon negative electrode, paired with semi-solid-state technology. This improves reliability, cost-effectiveness, and marketability when developing battery products, while also increasing energy density while maintaining safety. We have developed semi-solid electrolyte systems using various gelation methods to enhance the safety of high nickel and silicon-based negative electrode batteries. The hot box test has shown significant improvement in the performance limit of semi-solid batteries. In 2023, we launched the second generation of semi-solid batteries with a mass energy density of at least 280Wh/kg and a cycle life of over 1,200 cycles. In 2024, our semi-solid products will be further enhanced in terms of energy density and fast-charging capability, and will be demonstrated in domestic vehicle installations.



Recycling technologies

We plan to focus on recycling technologies such as EV battery residual energy testing and secondary use solutions and processes to maximize the cost-effectiveness of EV batteries and focus on improving the safety, stability and cycle life of recycled products. We also aim to reduce the costs of battery regrouping application, qualification testing and production through recycling technologies.

Sodium-ion battery

To reduce the cost of ESS batteries and lower the dependence on metals such as lithium, nickel, and cobalt, we have conducted research on anode and cathode material system, electrolyte system and process of the sodium-ion battery production.

Solid-state battery

We are currently conducting research in on the all-solid-state battery electrolyte materials, solid-state electrolyte reaction interface performance and solid-state battery production process. The purpose of developing all-solid-state battery is to achieve a balance of safety and energy density.

Since our establishment, REPT BATTERO has focused on key core technologies to achieve innovation and excellence. We place great importance on technological innovation and intellectual property management to continuously improve product competitiveness and catch up with the competition.

Intellectual Property Protection

As of December 31, 2023, we have

a total of 2,963 patent applications

including 746 invention patents

2,157 utility model patents

60 exterior design patents

and 221 registered trademark applications

Among them, 1,780 patents

including 108 patents for inventions

1,624 patents for utility models

48 patents for designs

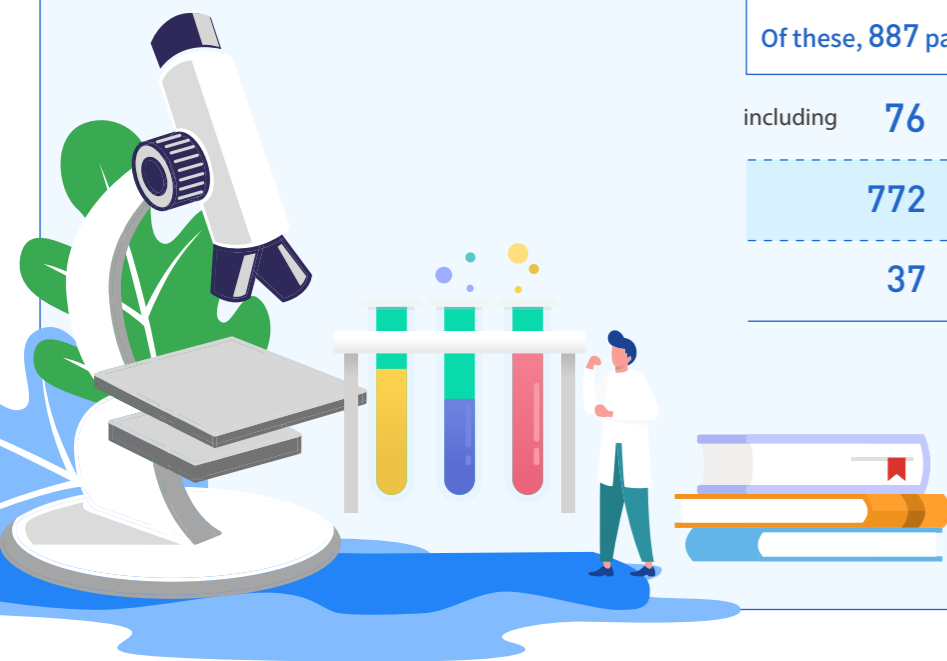
and 123 registered trademarks have been granted

Of these, 887 patents were granted in 2023

including 76 patents for inventions

772 patents for utility models

37 patents for designs



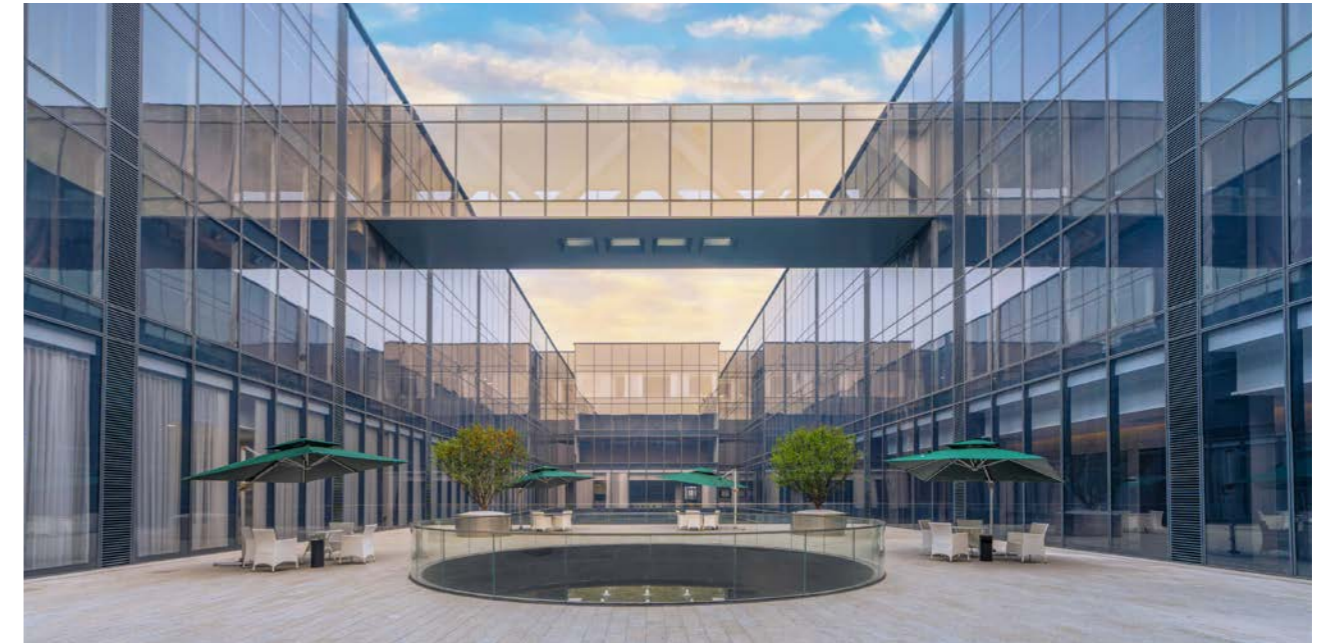
REPT BATTERO Intellectual Property Related Awards

- 1) Shanghai Intellectual Property Pilot Enterprises
- 2) The 24th China Patent Excellence Award
- 3) Intellectual Property Management System Certification Certificate GB/T29490-2013
- 4) Zhejiang Province Trade Secret Protection Demonstration Site
- 5) Shanghai "Specialized, Refined, Unique, and New" Small and Medium sized Enterprises



REPT BATTERO has implemented an intellectual property management system in compliance with GB/T 29490. Simultaneously, the Company has developed internal documents, including the Intellectual Property Management Measures, Intellectual Property Handbook, Patent Management Measures, and Intellectual Property Internal Audit Control Procedure, to ensure the Company's intellectual property and patents are managed in a standardized manner.

We have established an intellectual property department to protect our intellectual property and avoid infringing on the intellectual property of others. The department has six main functions:



Our Intellectual Property Department has provided significant support for the sustainable development of our Company by comprehensively protecting our interests in technological innovation and intellectual property management through various aspects of work.

With the rapid increase in the number of products launched in the international market, REPT BATTERO has actively expanded the overseas patent layout and collected relevant legal documents from major countries in advance. In our close overseas cooperation, we have clearly defined the attribution, use, maintenance, and risk management of intellectual property rights. We have also established a reliable mechanism for sharing R&D achievements with our partners. When signing supplier contracts, we include intellectual property protection clauses that comprehensively cover intellectual property attribution, use, and risk control.

To enhance the protection of intellectual property rights in both international and domestic business cooperation, and to deepen our employees' understanding of intellectual property laws and regulations, the Company adopts a combination of online and offline methods to carry out intellectual property training and publicize the protection of trade secrets.

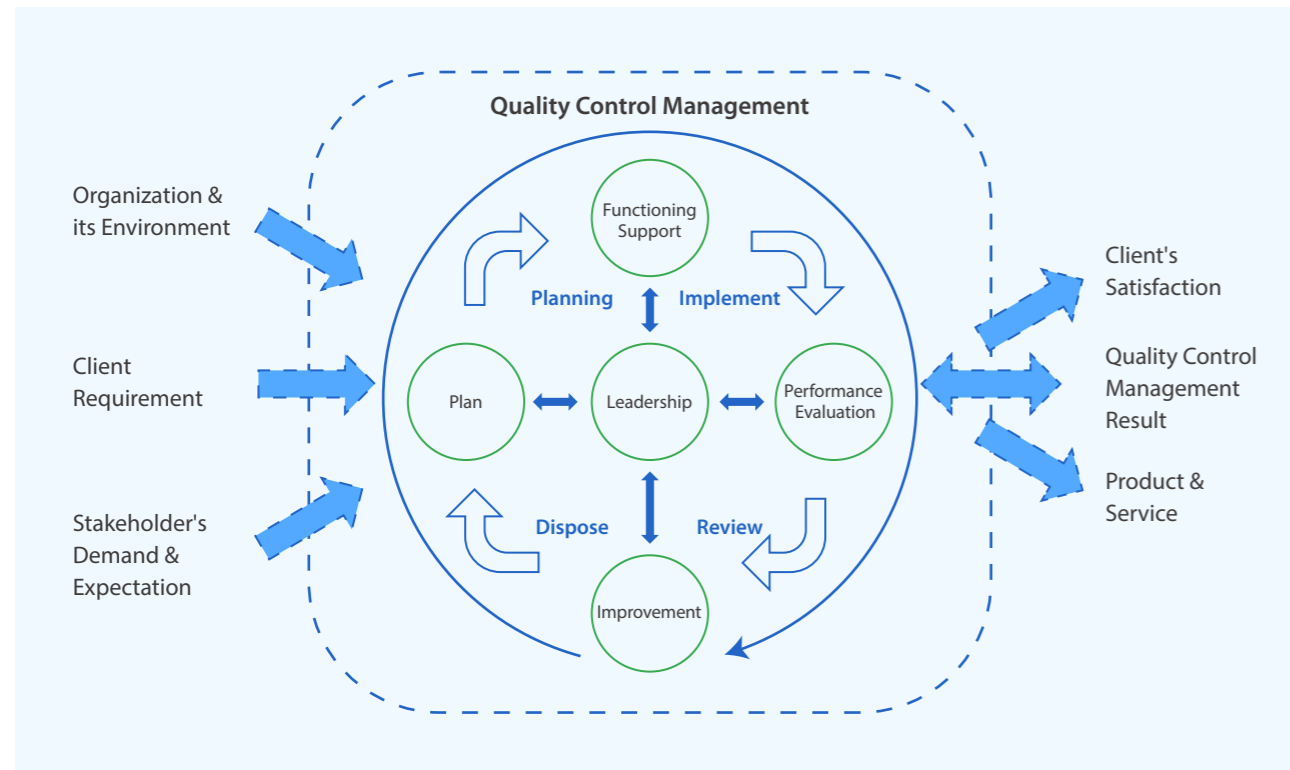
In order to raise employees' awareness of intellectual property protection, we conducted

76 specialized training sessions on intellectual property protection during the Reporting Period, of which **56** sessions were conducted at our Wenzhou base and **20** sessions were conducted at our Jiashan base.



Product Quality and Safety

Product Quality System



Trustworthy products and services are the foundation of the Company. REPT BATTERO has obtained ISO 9001 quality management system certification and IATF16949 certification. We have a well-structured quality management organization and process. We uphold the concept of "customer-centered" to ensure compliance with relevant laws and regulations and customer requirements, and continuously improve product quality to enhance customer trust. To ensure the quality of our products and prioritize responsibility, we have established procedural documents such as Product Audit Control Procedures and Supplier Management Control Procedures.

System Standards	
	IATF16949&ISO9001 Quality Management System Certification
	IECQ HSPM QC080000 Hazardous Substance Management System Certification
	GB/T39604 Social Responsibility Management System Certification
	TISAX Information Security Assessment Standard Certification for German Automotive Industry
	RBA VAP Responsible Business Alliance Certification
	ISO/IEC17025&CNAS-CL01 Laboratory Competence Certification
	CTEAS1001-2017 After-sales Service System Certification
	NECAS01&GB/T27922 Commodity After-sales Service Compliance Certification

The quality assurance management system consists of six modules: Quality System Management, Quality Enhancement Management, Project Quality Management, Supplier Quality Management, Process Quality Management, and After-sales Quality Management. Each module has key aspects that are regularly assessed using a once-through rate indicator. The Quality Department conducts internal and cross-departmental reviews on a weekly basis.

Quality Assurance Management (QA)		
<p>Quality System Management (SQA)</p> <p>Establish and improve the Company's quality management system, monitor and control the whole process of system operation, and continuously improve the effectiveness of system operation; responsible for potential customer audits, internal and external audit response, identify system deficiencies and continuous improvement.</p> <p>Indicator: Third party audit pass rate; Internal audit completion rate; Timely filing rate of documents; Timely implementation rate of management review;</p>	<p>Quality Improvement Management (QIG)</p> <p>Lead the Company's efforts to break down engineering management barriers between manufacturing bases and improve horizontal and vertical closed-loop management. Promote analysis and improvement of the "cowhide moss" special project to increase efficiency for the Company. Lead the development of the Company's error-proofing and anti-defective systems, and improve on-site quality control capabilities.</p> <p>Indicator: Annual improvement gain of the Company;</p>	<p>Project Quality Management (PQM)</p> <p>Participate in new product review and propose the potential risks of product complaints based on customer needs; lead the second party audit and quality agreement review; track the introduction process of new products and the achievement of new product quality objectives; promote project transition review and control the outflow of high-risk issues; and safeguard the completeness of PPAP data.</p> <p>Indicator: Second party audit pass rate; Number of project development achievements;</p>
<p>Supplier Quality Management (SQE)</p> <p>Responsible for the potential audit of new supplier development and assessing the supplier's ability to produce quality. Lead the recognition of mass production process, and approve PPAP (PSW) for mass production materials. Lead the signing of the raw material supply quality agreement and benchmarking of the supplier's inspection program. Responsible for raw material testing, abnormal problem feedback, and closed-loop follow-up.</p> <p>Indicator: Batch qualification rate of purchased materials;</p>	<p>Process Quality Management (PQE&QC)</p> <p>Responsible for on-site quality control processes and managing abnormal closed loops. Responsible for finished product warehousing/shipping quality monitoring. Responsible for the Company's measuring instruments calibration, outsourced maintenance, MSA report analysis. Responsible for process quality improvement closed-loop management. Process capability and consistency improvement management. Incoming/in-process/outgoing risk identification and assessment management.</p> <p>Indicator: Cell excellence rate; Module system excellence rate; PACK system excellence rate; Internal calibration and inspection program completion rate; Mixed batch number;</p>	<p>After-Sales Quality Management (ASS&CQE)</p> <p>Manage customer complaints related to field and OKM mass production products and provide on-site after-sales service support. Participate in technical and quality agreement evaluations. Repair market product problems. Provide customer-side product after-sales training. Offer three-party agent maintenance services. Sell after-sales spare parts.</p> <p>Indicator: Number of security failures of client products; Return rate (for individual cells); DOA/FFR failure rate -Module&PACK; Satisfaction with after-sales service</p>

Product Testing and Non-conforming Product Management

REPT BATTERO attaches great importance to product quality by regularly testing product performance and striving to prevent, detect and resolve quality problems before they occur, in order to ensure the reliability and trustworthiness of the products and services placed on the market.

REPT BATTERO has implemented a comprehensive product recall management mechanism that includes risk identification workflows during the development stage, regular performance tests, and annual verification of marketed products. If a product fails to pass the test or the percentage of defective products exceeds the Company's standard, the product recall procedure will be activated. Additionally, the Company has created documents outlining procedures for managing nonconforming products, such as the After-Sales Service Procedures, Nonconforming Product Control Procedures, and Customer Complaint and Handling Procedures. These documents specify the process for disposing of nonconforming products and outline related after-sales handling procedures. The goal is to ensure product quality and customer satisfaction.

At the start of each year, we will establish annual quality management objectives based on various product models and defective ratios, with the goal of achieving zero recalls. Our ESS and EV battery products are equipped with online battery monitoring systems that display indicators such as SOC. Some of our customers have granted REPT BATTERO access to their monitoring systems, and we will inform our customers first if monitoring reveals potential risks in their products.

During the quality control process, we use the MES and ERP systems to monitor key manufacturing processes. By connecting two systems and visual inspections, as well as measuring dual-frame X-ray surface density meters and X-ray inspection equipment, the character of product were monitory for better quality control. Additionally, we use the MES system in conjunction with SPC fault detection guidelines to achieve statistical analysis and prediction of production process quality. The MES system enables quick and accurate tracing of material risks when product anomalies are detected. This supports a rapid response by providing complete and precise product information.



As of the end of the Reporting Period there have been **no** product recalls



Our important initiatives include intelligent manufacturing and digitalized control of the production process. By utilizing ERP, MES, WMS, WCS, and other intelligent control systems, we can automatically gather data on materials, equipment, personnel, logistics, and the production environment throughout the entire production process. This allows for the automation of the production process and the digitalization of production management. All factories utilize intelligent production control technologies, including automatic process route selection, product verification, and automatic removal of defective products. These technologies, combined with big data analysis and visual intelligence, enable intelligent diagnosis and real-time monitoring of production line operations. All production process information is uploaded to MES, and can be combined with shipment and after-sales information to realize a full range of information traceability.



Percentage of the total number of products sold or shipped that need to be recalled for safety and health reasons in 2023: **0%**

Quality Management Awareness of All Employees

At the start of each year, REPT BATTERO creates an annual training plan focused on key positions and required skills to provide high-level training to employees. After each training session, the organizing department will assess the trainees' knowledge and issue an evaluation report on the training's effectiveness. During the Reporting Period, we conducted five quality awareness training sessions at Jiashan base, 2 company-wide quality awareness training sessions at our Wenzhou base, and 30 specialized quality awareness training sessions covering the entire manufacturing and quality assurance departments through the engagement of third-party professional organizations and the sharing of seminars by internal experts. The training covered the definition of quality, why quality should be emphasized, the consequences of poor quality, what quality awareness is, and how to ensure good product quality.

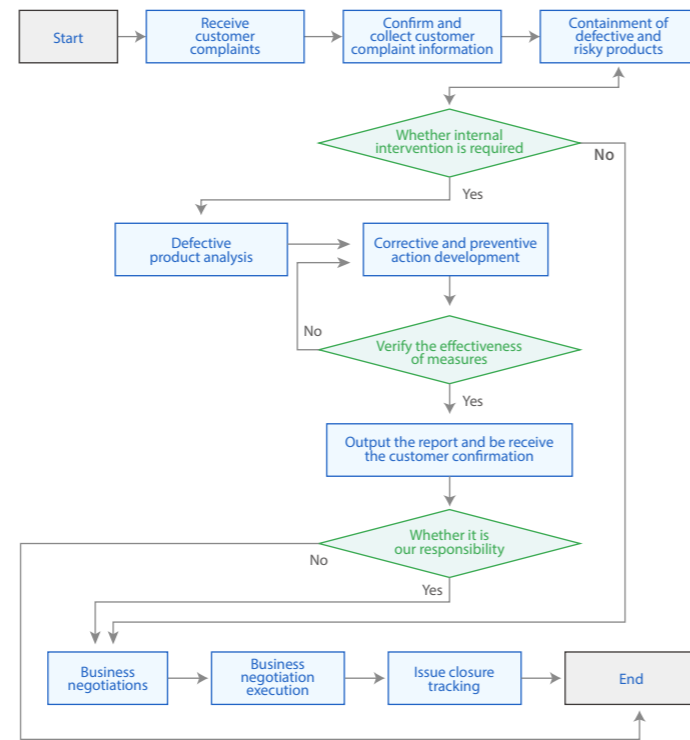


Exceptional Customer Service

The Company strives to integrate talents, technology, and techniques to better understand customer needs, enhance satisfaction, and maintain a strong bond with its customers. Regular communication through questionnaires and high-level visits is a priority.

Regarding customer after-sales service, the Company has established the Customer Complaints and Handling Control Program and other policies. These systems allow customers to provide feedback and opinions through various channels, such as the official website, email, telephone, WeChat, and face-to-face interviews. During the Reporting Period, we received a total of 27 customer complaints, and we resolved all of them, achieving a 100% resolution rate.

Customer Complaint and Handling Control Program Chart:



Case: ORT test work in the after-sales module

Following the after-sales service concept of "Quick Response, Customer First", REPT BATTERO has established an ORT test team and implemented the ORT Test Work Instruction policy. Based on the "product ORT test standard" issued by the R&D department, we conduct independent sampling and monitoring of products during stable mass production delivery. The test items mainly include "electrical and safety performance". In 2023, our sampling covered all the Company's mass-produced products. We will hold bi-weekly meetings with the engineering department to promote improvement and achieve a 100% pass rate for customer product audits.



Battery Recycling

Recycling waste batteries is crucial for environment protection, also keen for utilizing resources intelligently, and promoting sustainable development. REPT BATTERO is actively supporting the goals of the national dual-carbon strategy by focusing on power battery recovery and resource recycling. We are helping to research the echelon utilization of power batteries, exploring the value of the whole life cycle of power batteries, and driving the scale development of the battery recycling industry. Our efforts are aimed at realizing the green development of the new energy industry worldwide. By establishing a closed-loop system in the battery recycling industry, we have created a green, low-carbon, efficient, and sustainable ecosystem.

The Company is actively expanding battery recycling business with a focus on implementing green environmental protection. On January 17, 2024, only six years after our establishment, the Company obtained the recycling qualification for echelon utilization from the MIIT of the People's Republic of China, and has become a regulated enterprise for the comprehensive utilization of used and waste power storage batteries for new EVs.

According to the Regulations on Comprehensive Utilization of Waste Power Batteries from New Energy Vehicles issued by MIIT, "echelon utilization" was defined as the process of testing, classifying, dismantling, reconditioning, or reassembling waste power storage batteries into a product that can be used in other fields. REPT BATTERO's qualification for "echelon utilization" means that we can offer customers a comprehensive solution for their application needs, including design, research and development, production, sales, testing, installation, operation, maintenance support, and recycling throughout the entire lifecycle. This ensures a complete recycling chain for used batteries.

Regarding battery recycling, we have collaborated with domestic and foreign suppliers to develop a wet recycling process that recovers and reuses valuable metals in batteries, achieving a closed-loop carbon reduction of raw materials. In 2023, Wenzhou base successfully processed over 9,000 tons of related valuable waste materials throughout the year, making significant contributions to society. We have a strong sense of responsibility and will continue to make unremitting efforts to strengthen the field of battery recycling and promote waste recycling in the future.

Case: Strategic cooperation on green battery recycling

We reached out to Power Regeneration, a subsidiary of GEM Co., Ltd., to establish a strategic partnership to address EV battery pollution. Our goal is to create a green management system for the entire life cycle of EV batteries, develop a world-class model for green recycling of EV batteries, and build a globally competitive supply chain and value chain.





Eco-Stewardship, Lush Landscapes

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The Company is not exposed to any significant environmental risks. The Company is committed to minimizing its impact on the environment by integrating the concept of low-carbon development into its daily operations, building green factories, and creating an atmosphere of promoting energy conservation and environmental protection. In environmental management, we strictly comply with the Environmental Protection Law of the People's Republic of China, the Law of the People's Republic of China on Prevention and Control of Water Pollution, the Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution and other relevant laws and regulations, and comprehensively identify risks and opportunities, including those related to the use of energy resources, the handling of pollutants and wastes and climate change, to continuously improve our environmental management performance. During the Reporting Period, we were not subject to any material penalties imposed by government authorities for non-compliance with applicable PRC environmental laws and regulations.

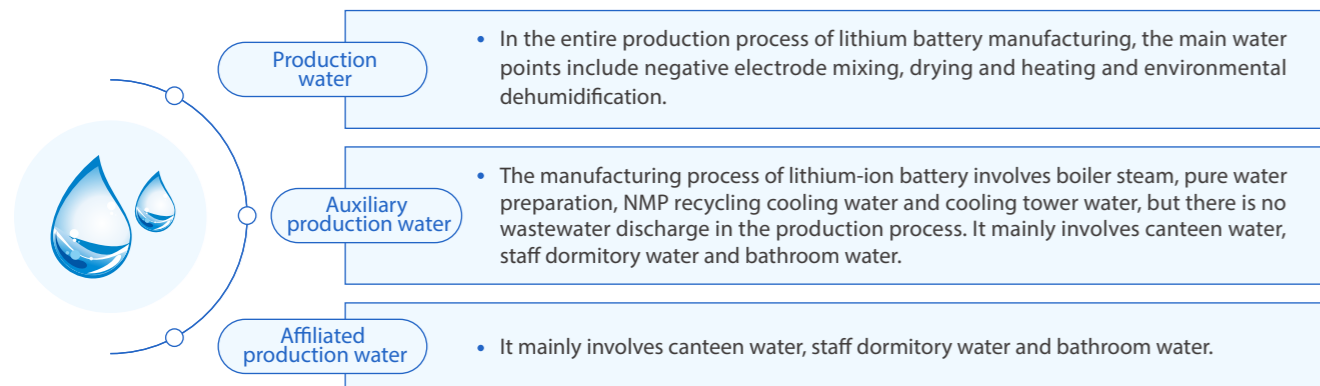
We have established a sound environmental and occupational health and safety management system, formulated the Environmental and Occupational Health and Safety Management Manual and other documents, implemented environmental, health and safety policies, and clarified the roles and responsibilities of various departments and related management workflow. We also have a solid energy management system in place and strive to reduce energy consumption and carbon emissions during our manufacturing process. As at the end of the Reporting Period, we have obtained the ISO14001 environmental management system certification and the ISO50001 energy management certification.

In the future, we will continue to implement the principles of green operation, comprehensively enhance our environmental management capabilities, strive to reduce the emission of wastewater, waste gas and waste materials, continuously optimize the structure of resource use, and minimize the consumption of energy and water resources, to build a sustainable enterprise.

Resource Management

Water Management

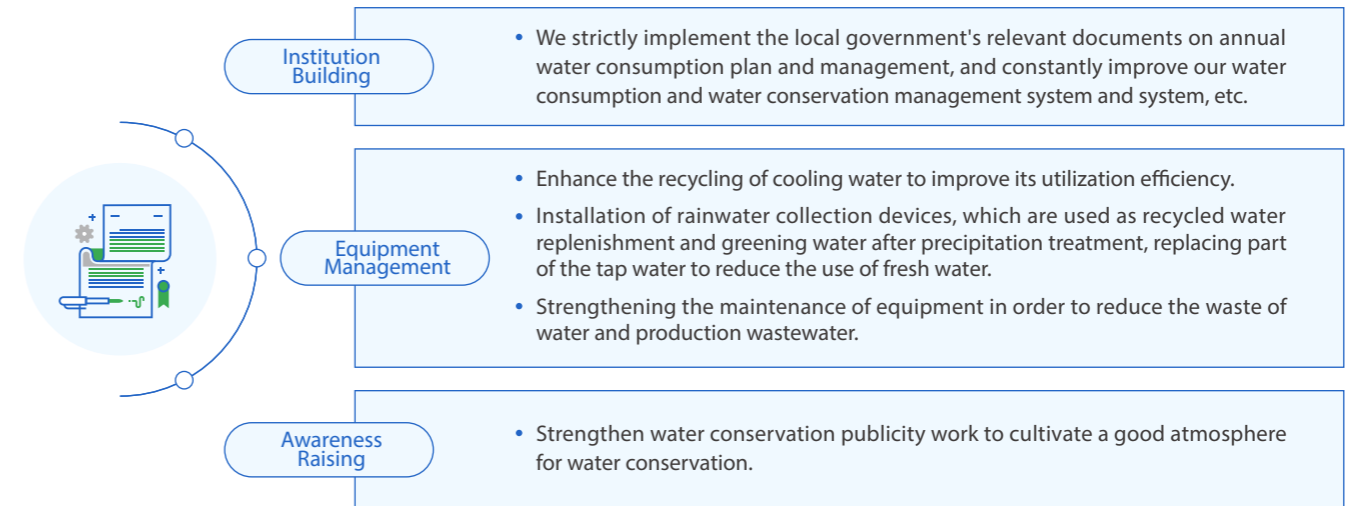
The Company uses tap water as the source of water intake, and its main uses and using stages are as follows:



REPT BATTERO has always adhered to the concept of "prioritizing water conservation" and has consistently implemented various measures to improve water utilization efficiency and reduce consumption. These measures include setting conservation targets, implementing plans, tracking consumption statistics, and inspecting equipment. In 2021, the Company was awarded the title of "Water-saving Enterprise of Zhejiang Province". This award symbolizes our success in creating a water-saving enterprise.



In the future, the Company's water management program will focus on improvements in water use as well as system improvement and management to promote water conservation measures. In terms of day-to-day water conservation management, we will take the following specific measures:



Case: Equipment remodeling, cost reduction and efficiency

The original cooling system at Wenzhou base only provided basic cooling treatment for the water-cooled units, which was insufficient for achieving efficient equipment operation and water conservation. During the Reporting Period, we added more spray cooling devices to the cooling tower equipment, resulting in an expected annual savings of 30,000 tons of water and 120,000 RMB. After modification, the cooling water circulation efficiency has improved, resulting in increased stability of water-cooled units, and improved end-to-end refrigeration. The bottleneck in cooling capacity has been completely resolved, resulting in a significant increase in production capacity.

Case: Reclaimed water reuse

The industrial wastewater generated from the Wenzhou base consists mainly of cleaning equipment and other cleaning wastewater. This wastewater is treated using A/O technology, which has a treatment capacity of 12 tons per day. After treatment, the water is not discharged but is instead reused in the preliminary cleaning of production equipment. This improves the utilization rate of water resources.

During the Reporting Period, our water consumption was as follows:

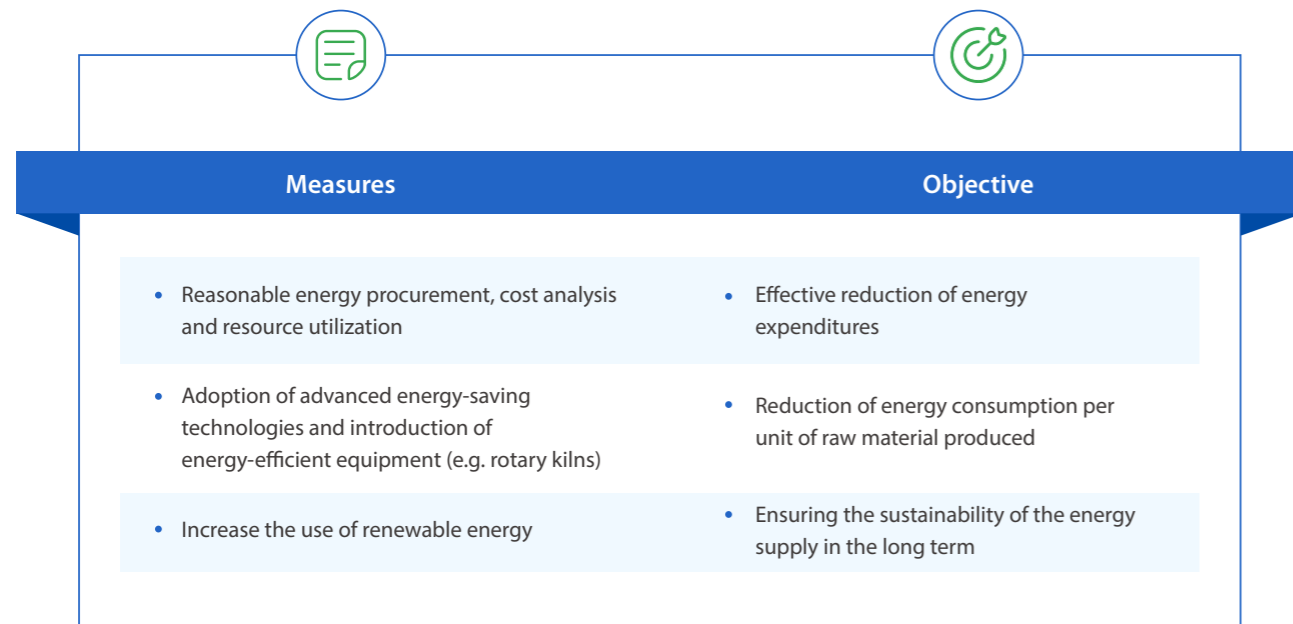
Category	2023
Water consumption	
Total water consumption (ton)	2,317,420.00
Water consumption per unit of product (ton/GWh)	118,964.07

Energy Management

Direct energy consumed by the Company includes natural gas, gasoline, and diesel fuel; indirect energy includes purchased electricity (including distributed photovoltaics system invested by a three-party company on our rooftop, which is used in the park through on-grid and off-grid methods) and steam (reuse of waste steam from biomass power plants).

We align with the national energy conservation and consumption reduction policy. We have set an overall target of energy saving and consumption reduction for the Company, and are actively reducing energy costs and improving energy efficiency. During the Reporting Period, we revised our energy-saving management system and established a dedicated energy-saving and consumption-reduction leading group to implement, check, and supervise the execution of energy-saving and consumption-reduction work. Our goal is to comprehensively improve and promote the management of energy-saving and consumption-reduction.

The energy management initiatives we employ in our manufacturing operations are as follows:



Energy saving and consumption reduction case: Green transformation of workshop environmental humidity control project

During the Reporting Period, Jiashan base carried out a green transformation of 120 rotor dehumidifiers and ancillary equipment. The transformation project resulted in annual savings of 1,580 MW of electricity, 140,000 m³ of natural gas, and 76,500 tons of tap water, and reduced CO₂ emissions by 259.38 tons per year.



Case: Factory rooftop photovoltaic power generation project

In 2023, Wenzhou base will generate a total of 2,822 MWh of rooftop PV power, which will all be consumed and used by Wenzhou base, reducing the total amount of greenhouse gases by about 1,609.39 tons of carbon dioxide equivalent. In the future, Wenzhou base will continue to expand its photovoltaic power generation facilities to continuously increase the use of renewable energy.




On July 1, 2023, Jiashan base launched the first phase of its rooftop photovoltaic project. By the end of the reporting period, the project had an annual power generation capacity of approximately 588.9 MWh. All the photovoltaic power generated was consumed by the Jiashan base, resulting in a reduction of approximately 335.85 tons of carbon dioxide equivalent in terms of GHG emissions. Jiashan base plans to construct the second phase of rooftop photovoltaic in the future. This is expected to generate approximately 6.6 million kWh of electricity annually.



Case: Green power purchase

Starting from February 2023, Wenzhou base has consumed 10,000 MWh of green power per month, and 110 million MWh of renewable energy in a year, reducing the total greenhouse gas (GHG) emissions by about 62,700 tons of carbon dioxide equivalent.



The Company emphasizes not only energy-saving at the technical level but also the cultivation of employees' awareness and skills to further consolidate the concept of green production and manufacturing. The Company frequently conducts specialized training on energy conservation and reduction of consumption, which includes relevant national energy management policies, the Company's energy management system, energy management objectives and targets, and specific implementation plans for energy and emission reduction. Simultaneously, the Company manages the usage of air conditioning, elevators, lighting, and other office equipment. We also shut off the power supply to each production workshop to prevent equipment from idling, and encourages employees to actively participate in energy-saving measures during daily office processes. We have implemented green office measures, such as a paperless office, turning off machines when not in use, meeting temperature conditions for cooling and heating, and turning off part of the elevator on holidays. These actions demonstrate our commitment to environmental protection.

Case: Jiashan base was selected as "Zhejiang Future Factory Pilot Enterprise" in 2023

The development of manufacturing equipment at Jiashan Base takes energy saving and consumption reduction into full consideration. For example, the chemical and volumetric processes, which account for 1/4 of the entire manufacturing process energy consumption, have developed DC microgrid chemical and volumetric equipment, reducing two AC/DC conversion processes and reducing single process energy consumption by about 10%. An energy consumption monitoring platform has been established for the entire park, which monitors and dynamically adjusts the energy consumption load at each point in real time. The park's photovoltaic energy storage equipment is synchronized to achieve dynamic peak shifting of power consumption within the enterprise, reducing pressure on the power grid.

During the Reporting Period, our energy consumption and GHG emissions were as follows:

Category	2023
Energy consumption	
Total energy consumption (MWh)	989,384.82
Direct energy consumption (MWh)	291,322.98
Indirect energy consumption (MWh)	698,061.84
Energy consumption per unit of product (MWh/GWh)	50,789.78
Greenhouse gas emissions	
Total GHG emissions (Scope 1&2) (tCO ₂ e)	426,191.57
Direct GHG emissions (Scope 1) (tCO ₂ e)	58,333.53
Indirect GHG emissions (Scope 2) (tCO ₂ e)	367,858.05
GHG emissions per unit of product (tCO ₂ e/ GWh)	21,878.42

Notes

Scope 1 GHG emission sources include gasoline, diesel, natural gas, firefighting gases and refrigerants; Scope 2 sources of GHG emissions include purchased electricity and steam.

Raw Material Management

Our company primarily uses anode and cathode materials, electrolytes, and separators as raw materials.

We strive to minimize the use of raw materials and to enhance material efficiency. In electrode design, by updating the design of main materials, we are able to minimize the consumption of auxiliary materials such as conductive carbon and adhesives. This reduces the consumption of raw materials for the same cell capacity. Additionally, we use lithium salt with higher ion-conducting capacity in the electrolyte to reduce the consumption of conventional lithium salt. To recover substandard intermediates, like electrodes, generated during the production process, we use physical short-term recycling. This allows us to reuse them directly, avoiding waste and reducing the average carbon emissions of the corresponding products.

Additionally, the Company emphasizes ethical sourcing of raw materials and pledges to avoid using mineral resources from conflict areas. Please refer to the section on Responsible Minerals Management in this report for further details. The Company conducts rigorous audits of raw material suppliers and prioritizes the use of materials with a lower environmental impact to minimize environmental harm at the source. We conduct annual surveys and collect information on relevant suppliers and materials to update the list of conflict-free metal smelters used within the Company. In the future, we plan to conduct research on conflict-free minerals, due diligence, and carbon emissions from raw materials.

Packaging Material Management

The Company currently uses cardboard boxes, wooden boxes, wooden/plastic pallets, foam, plastic bags, and plastic packing tapes as packaging materials. The Company has formulated the Packaging Management Document to ensure that the packaging meets transportation and storage requirements, to ensure packaging label compliance, to regulate the design of packaging materials, to specify the preference of recyclable packaging materials, to promote lightweight packaging and to reduce waste. Additionally, we encourage upstream suppliers to use recycled packaging materials to minimize waste.

Case: Recycled packaging materials

During the Reporting Period, Wenzhou base used recycled materials for packaging and transportation for some customers, mainly using recycled plastic boxes and recycled iron frames. Going forward, we plan to gradually increase the proportion of recycled packaging materials in the shipment volume based on the type of products shipped and the suitability of the scenes where recycled packaging materials are used.



During the Reporting Period, our consumption of packaging materials was as follows:

Category	2023
consumption of packaging materials	
Total consumption of packaging materials (ton)	4,751.89
Packaging material consumption per unit of product (ton/GWh)	243.94

Pollutant & Waste Management

We adhere strictly to relevant laws, regulations, and industry standards. We conduct regular tests on pollutant emissions and strive to recycle waste and use low-pollution raw materials whenever possible. We monitor general organic matter, noise, particulate matter, gas emissions, and liquid waste emissions in accordance with the relevant monitoring frequency requirements. We use the monitoring data as a basis for continuous improvement in environmental protection. The monitoring data will be made public on the provincial website for social supervision, and local government environmental protection monitoring departments will inspect our environmental protection work regularly. We have developed contingency plans for unexpected environmental incidents and organized regular drills for our staff to prevent the leakage of pollutants and waste into the environment under special circumstances.

Waste Gas Management

We recycle and treat waste gas using various equipment and systems in our plants. Any emissions that cannot be recycled are discharged in compliance with the Emission Standards for Pollutants in the Battery Industry after effective treatment, and the emission situation is monitored on a monthly basis. Simultaneously, we strive to reduce our environmental impact by gradually replacing more polluting raw and auxiliary materials with less polluting and less risky alternatives.

Waste gas management case

In 2023, the Company constructed an NMP recovery unit to treat NMP waste gas using second-stage condensation and water spray treatment. The water adsorption method completely absorbs NMP from the waste gas, resulting in a NMP recovery rate of over 99.7%. The remaining 0.3% is discharged into the atmosphere through a 20-meter exhaust pipe. After treatment by the NMP recovery device, the emission index of the exhaust pipe meets the requirements of both the Emission standard of pollutants for battery industry (GB 30484-2016) and the Integrated emission standard of air pollutants (GB 16297-1996).



During the Reporting Period, our waste gas emissions were as follows:

Category	2023
Waste gas emissions	
VOCs (ton)	8.59
NOx (ton)	13.33
SOx (ton)	1.59
PM (ton)	0.30

Wastewater Management

The wastewater generated in our production and operation process includes industrial and domestic waste water, which is treated and discharged after reaching the standard through our self-built waste water treatment plant in the park.

Wastewater Management Case: Phase I wastewater treatment station at Jiashan base

The Jiashan Base Phase I wastewater station is designed to treat 65 cubic meters of water per day. It primarily treats four types of wastewaters: anode mixing equipment cleaning wastewater, cathode mixing equipment cleaning wastewater, laboratory wastewater, and NMP distillation wastewater. After treatment, the effluent water quality meets the intermediate discharge standard of the water pollution emission limit for new enterprises of the Emission standard of pollutants for battery industry (GB30484-2013).

treats types of wastewaters

- anode mixing equipment cleaning wastewater
- cathode mixing equipment cleaning wastewater
- laboratory wastewater
- NMP distillation wastewater

Our wastewater discharge during the reporting period was as follows:

Category	2023
Wastewater emission	
Total wastewater emission (ton)	15,929.06
COD emission (ton)	2.11
Ammonia nitrogen emission (ton)	0.20

Hazardous and Non-hazardous Waste Management

We adhere strictly to the Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes and the National List of Hazardous Wastes, as well as other relevant laws and regulations. We have developed Waste Management Procedures and other management systems to dispose of hazardous and non-hazardous waste generated during our production and operations in a positive, safe, and efficient manner. Our goal is to minimize the impact of solid waste on the environment.

The table below shows the hazardous and non-hazardous wastes generated by us and the corresponding production processes:

Generation Segment	Hazardous waste categories	Non-hazardous waste category
Wastewater, purified water treatment	/	Wastewater treatment sludge, waste reverse osmosis membrane, etc.
Equipment Maintenance	Waste lubricating oil, waste heat transfer oil, waste electrolyte, hazardous waste packaging, etc.	Waste filters, filter bags, waste molecular sieves, etc.
Waste gas treatment	Waste adsorbent activated carbon, etc.	/
Daily maintenance of plant	Hazardous waste packaging, etc.	Waste rubber-plastic insulation materials, waste color steel plate, waste glass, waste cable skins, etc.
Coating, slitting, die cutting	/	Waste aluminum foil, waste copper foil, etc.
Winding	/	Waste electrode sheet, waste isolation film, etc.
Cell and battery testing	/	Undesirable battery cores, waste batteries, etc.
Cafeteria	/	Kitchen waste, domestic waste, etc.
Others	/	Waste wood, cardboard boxes, metal, general waste packaging, etc.

We entrust the disposal of hazardous waste to qualified third-party professional service organizations. Through the management policies, we clarify the work responsibilities of relevant departments and key personnel, and detail the workflow of collecting, storing, transporting, and inspecting hazardous waste, to standardize, unify, and detail the management of various aspects of hazardous waste disposal, prevent environmental pollution incidents, and protect the health and safety of our employees. Hazardous waste is collected, disposed of, and recycled in accordance with local laws and regulations. Our household waste is regularly collected by the environmental sanitation department, while other non-hazardous waste is disposed of by qualified waste management companies.

In addition, to further minimize our environmental impact, we have actively taken measures to reduce the amount of hazardous and non-hazardous waste generated by improving production processes, increasing production automation, and strengthening equipment management.

Case: NMP waste distillation project

We use advanced distillation technology to process the NMP waste generated from the lithium-ion battery production line, so that the NMP waste, after treatment, reaches the quality standard of electronic grade NMP products and can be reused in the lithium-ion battery production process, thus realizing the goal of closed-loop recycling of NMP solvents in the plant. The project eliminates packaging, transportation and external processing of finished products and waste liquids in the traditional NMP recycling method, which reduces waste emissions, saves a large amount of resources, promotes environmental protection and realizes green and low-carbon development.

During the Reporting Period, our waste emissions were as follows:

Category	2023
Waste emission	
Total hazardous waste (ton)	366.41
Hazardous waste intensity (ton/ GWh)	18.81
Total non-hazardous waste (ton)	11,903.31
Non-hazardous waste intensity (ton/ GWh)	611.05

Tackling Climate Change

Climate Goals and Commitments

Governments around the world are setting more ambitious goals, and accelerating action to address climate change and reduce carbon emissions has become a necessary path for businesses. To tackle challenges and seize opportunities, REPT BATTERO is also working on setting higher goals and actively taking action.

We have conducted a thorough analysis, identification and assessment of climate-related risks and opportunities. With reference to the framework of the ISSB's International Financial Reporting Sustainable Disclosure Standard 2 — Climate-related Disclosures (2023) and the HKEX's Guidelines on Climate Disclosures, we have provided an overview of the Company's climate-related governance structure, strategy, and risk management efforts.

Climate Governance Framework

The Environmental, Social and Governance (ESG) Committee, under the guidance of the Board, is responsible for identifying and approving climate-related policies and reporting related risks to the Board in a timely manner.

The ESG Management Committee is responsible for identifying and managing the Company's climate-related risks, formulating and refining climate-related strategies, and monitoring and reviewing the implementation of climate-related measures.

The ESG Working Group is responsible for implementing climate-related policies and practices, including tracking changes and impacts of domestic and international low-carbon regulations and policies, implementing energy conservation and emissions reduction measures to help the Company reduce direct or indirect carbon emissions, and improving the carbon footprint of products throughout their lifecycle.

Risk Type	Specific Risk	Risk Impact	Response Measures
Physical Risk	Extreme Weather Risk	Extreme weather conditions such as typhoons and floods cause disruptions in the supply of energy and raw materials and disruptions in production operations.	<ul style="list-style-type: none"> Understand climate trends in the region where the base is located, including the frequency and intensity of extreme weather events (e.g., storms, floods, droughts, etc.), and assess the potential extent of damage to production facilities from extreme weather events (e.g., floods, storms), as well as production disruptions and equipment losses that may result. Analyze climate change risks in the regions where key raw materials originate and identify potential supply chain disruptions and price increases. Assess the resilience of suppliers to ensure they have a strategy for dealing with climate change. Make contingency plans for extreme weather to help the Company and the people in the region to respond quickly in the event of a climate risk crisis.
	Energy and Water Management Risk	Scenarios such as global warming and water scarcity may reduce plant productivity or disrupt operations.	<ul style="list-style-type: none"> Focusing on energy and water resource management, we are improving our energy utilization rate and reducing carbon dioxide emissions through technological modifications to equipment and other measures. On the production side, we have purchased energy-efficient power equipment and actively encourage the reuse of excess energy and residual pressure to reduce energy consumption in our production systems. Simultaneously, we continue to conduct energy-saving reviews to reduce energy consumption in the production system through management measures.
Transition Risk	Polices and Legal Risk	With increasing regulatory compliance requirements, failure to apply and comply with emerging regulations related to carbon emissions in a timely manner can be costly. Entering the international marketplace, differences in regulations across countries and regions may lead to non-compliance.	<ul style="list-style-type: none"> Assess the impact of local and global climate change regulations on business operations and ensure business compliance. Analyze possible changes in environmental taxes or subsidies to understand the potential impact on the economic situation of the business.
	Reputational Risk	Reputational damage due to negative climate events or misconduct.	<ul style="list-style-type: none"> To disclose information to the public, customers, and stakeholders in a timely and transparent manner in the face of negative events. Establish effective communication channels to explain the real situation of the incident and emphasize the enterprise's commitment and actions. Demonstrate the enterprise's sense of social responsibility and show the public the enterprise's commitment to society and the environment through participation in social programs and environmental initiatives.
Opportunity	Changing Market and Consumer Trends Opportunities	As the market and customers favor low-carbon products and services, enterprises adapt to changing market demands, which may lead to an increase in sales volume, profitability, and market position.	<ul style="list-style-type: none"> Consider the potential impacts of climate change on market demand, such as growing demand for EVs and renewable energy. Monitor market dynamics in real time to identify and shift consumer preferences for climate-friendly products. In terms of product design, we have actively introduced green design concepts to design green products with a low carbon footprint. We have also improved the selection of raw materials, production processes, packaging materials and the use of energy resources to minimize the use of toxic and hazardous substances to meet the requirements of the eco-design assessment.
	Technological Innovation Opportunities	Technological innovations may change the market pattern and enable enterprises to win more market shares in competition for their low-carbon products and services.	<ul style="list-style-type: none"> Understand the positive impacts of new technology adoption on business, such as improved energy efficiency and reduced carbon emissions. Develop strategies to address climate change risks, including the adoption of new technologies and the establishment of contingency plans.

In addition, we are committed to building green and low-carbon factories to minimize the environmental impact of our manufacturing operations to meet our carbon peaking and carbon neutrality targets. We have obtained energy management system certification from BBC Inc. in 2021. Meanwhile, we have established and operated an energy management system in accordance with the GB/T23331-2020 standard, the ISO 50001:2018 ISO5001 standard, and other relevant standards. In addition, we have accounted for and obtained certification of organizational carbon for 2022 and 2023.

Combined with the results of our climate-related risk and opportunity assessment, we are developing a comprehensive climate change mitigation and adaptation strategy that aims to cover investments in R&D, production and operations, and the entire lifecycle of the entire value chain. We take proactive technical and management measures to continuously reduce energy consumption and carbon emissions in our manufacturing operations. By focusing on green development, we are committed to identifying the opportunities within the challenges of climate change and contributing to the sustainable development of our business while meeting the expectations of society and the marketplace.

We have selected metrics and targets related to GHG emissions, water use, energy use, etc. to assess and manage climate-related risks and opportunities. For more information, please refer to the Resource Management section of this ESG report.





Together Forward, Securing the Future

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Sustainable Supply Chain Management System

We continue to optimize our supplier selection, assessment, and management mechanism, and actively identify and control the environmental and social risks in each segment of the supply chain, to fully ensure the quality and stability of our products and services, as well as the continuity of our business. At the end of the reporting period, we had a total of 757 suppliers. 757 suppliers implemented the relevant practices with us during the reporting period, and cumulatively, 2,643 suppliers implemented the relevant practices with us.

Number of suppliers by geographical regions	
Total in 2023	757
Mainland China	754
Overseas and Hong Kong, Macao and Taiwan	3

Stage	Content
 <p>Supplier Access Control</p>	<p>We have formulated supplier management procedure documents, including the Supplier Admission Control Procedure Document and the Supplier Basic Information Sheet, etc., to clarify the management requirements and specific indicators for suppliers, and require suppliers to provide relevant information at the admission stage.</p> <ul style="list-style-type: none"> We have set 10 red lines covering technology, management system, personnel control, emergency response, child labor, etc. to comprehensively assess suppliers' capabilities in terms of quality, safety and environmental protection, scale, scope of operation, and social responsibility. We require suppliers to be certified with ISO 45001 health and safety management system, and depending on product requirements, some suppliers are required to be certified with IATF 16949 or ISO 9001 quality management system. We require suppliers to sign the Sunshine Agreement to further ensure that purchases are fair, just, and open.
 <p>Supplier Evaluation Audit</p>	<p>Monthly rating We evaluate our suppliers every month in three dimensions: quality, delivery, and service, and then divide the annual performance of our suppliers according to the average monthly performance, and set different requirements for suppliers with different performance in the following year:</p> <ul style="list-style-type: none"> Excellent suppliers: priority in bidding for new projects and increasing order quotas. Good suppliers: maintain purchase orders and can bid for new projects. Qualified suppliers: appropriately reduce the order quota and suspend the development of new projects in the next evaluation cycle. Unqualified Supplier: 2 consecutive times or 3 times of D grade in a year will be suspended for rectification and prohibited from developing new projects. <p>On-site Audit We will provide quality assessment records to suppliers, and the Purchasing Department will conduct on-site audits on quality, commercial and technical aspects, as well as random sampling to ensure that suppliers fulfill the requirements.</p>

In 2023, in terms of supplier quality improvement, Wenzhou base conducted on-site quality verification of cells suppliers, and the completion rate of rectification reached 100%. In addition, we conduct PPAP and annual audits, conduct on-site supplier consultation, and set up bi-weekly communication meetings to understand suppliers' problems and internal needs in a timely manner to achieve quality improvement. All these measures have ensured Wenzhou base's efficient operation and excellent performance in supplier access audits and quality improvement.

In the future, we will expand the scope of supplier audits and refine the audit criteria to better protect the stability of our supply chain. In addition, we are actively promoting the development of a green supply chain by prioritizing the procurement of raw materials with lower environmental impact and actively influencing our suppliers to improve the environmental friendliness of their products and reduce carbon emissions. We have also developed contingency plans in the event of raw material supply disruptions. To date, we have not experienced any supply chain disruptions due to environmental issues.

Supply Chain Sustainability Training

Supplier sustainability training is a key initiative to ensure the robustness and sustainability of our supply chain. Through supplier and purchasing staff training, we have strengthened suppliers' sustainable practices, improved our purchasing staffs' decision-making, and made our own purchasing processes more environmentally friendly and responsible. During the Reporting Period, we organized 8 sustainability training sessions for our suppliers. In the future, we will continue to expand the scope of supplier sustainability training to ensure that the supply chain is actively engaged in sustainable development and to achieve win-win cooperation.

Responsible Minerals Management

Recognizing the risk of significant adverse impacts from operating in "Conflict Affected and High Risk Areas" and REPT BATTERO's corporate social responsibility, we have developed a Due Diligence Management Policy for Responsible Global Mineral Supply Chains, which serves as a reference for conflict-sensitive sourcing activities throughout the mineral supply chain, as well as for suppliers to raise their risk awareness and further clarify our commitment to respect human rights, not contribute to conflict, and not contribute to environmental and social degradation. This further clarifies our firm position on respecting human rights, not contributing to conflict, and not causing environmental and social harm.

We are committed to adopting and widely disseminating the relevant contents of the second edition of the China Mineral Supply Chain Due Diligence Management Guidelines and incorporating them into the contracts and agreements signed with suppliers. We actively promote the signing of conflict-free metal declarations by suppliers and plan to conduct conflict mineral investigations on suppliers whose products contain or use tantalum, tin, tungsten, and gold materials in their manufacturing processes to ensure that the 3TG used in the supply chain is sourced from conflict-free mineral smelters. Going forward, we will continue to expand the scope of our responsible minerals supply chain due diligence audits. In addition to improving our own management, we require our suppliers to communicate this principle to their sub-suppliers.



People-oriented Care, Forging a Better World

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Employee Benefits

REPT BATTERO firmly believes that talent is the inexhaustible driving force for the prosperity of enterprises, so we always pursue the concept of people-oriented. We are committed to fully respecting and protecting the rights and interests of our employees, and we provide our employees with competitive compensation and benefits, and promotion channels to help them soar in their careers and to achieve their career goal. We not only continuously upgrade the talent service system, but also carefully build a sound training system, and are committed to cultivating outstanding talents with innovative spirit and professional quality. We care about our employees. At the same time, we create a safe and stable working environment for employees through comprehensive safety and security measures, so that every team member can fully utilize their talents and jointly help the Company move towards a sustainable future.

Improve the recruitment system and equal employment

The long-term development of REPT BATTERO depends on the expertise, experience and competence of our employees. Our Human Resources Department is responsible for recruiting, managing, and training employees, and organizes each department to prepare a human resources demand plan for the next year every year.

The Company's recruitment channels mainly include the Internet, talent market, various on-site job fairs, campus recruitment, recruitment activities organized by the government, internal and external recommendations, etc. The Company strictly complies with relevant laws and regulations, ensures that employment conditions are clearly communicated, emphasizes equal competition for employment opportunities, and accepts resumes from all qualified candidates.

In the recruitment process, we follow the "Human Resource Management Control Procedures" and "CSR Management Manual" recruitment management documents prepared by the Company, which clearly prohibit the employment of child labor and bonded labor, oppose any form of forced labor, and prohibit restrictions on employees' freedom of association and collective bargaining rights. In order to prevent involuntary labor, the Company strictly prohibits the custody of ID cards and travel documents, and requires regular employees to be at least 18 years old. The Company has established a compliant recruitment process and explicitly does not discriminate against employees, so as to protect the rights and interests of employees to choose their own careers. In addition, the Company emphasizes the prohibition of discrimination, sexual harassment in the workplace and corporal punishment of employees, and has established a grievance procedure. Once the above conduct is discovered and verified, the Company will investigate and implement the necessary remedial measures.

As of December 31, 2023, the Company had a total of 12,055 employees and a 100% labor contract signing rate.

Employee structure	Number of people in 2023
Total	12,055

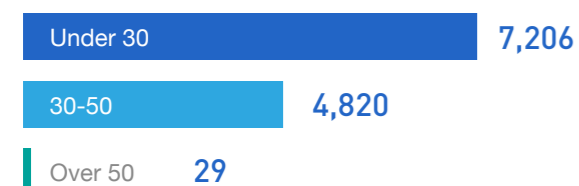
By gender



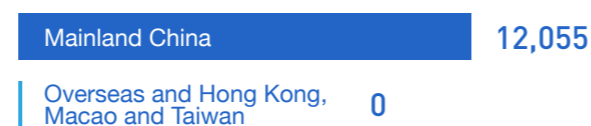
By employment type



By age



By location

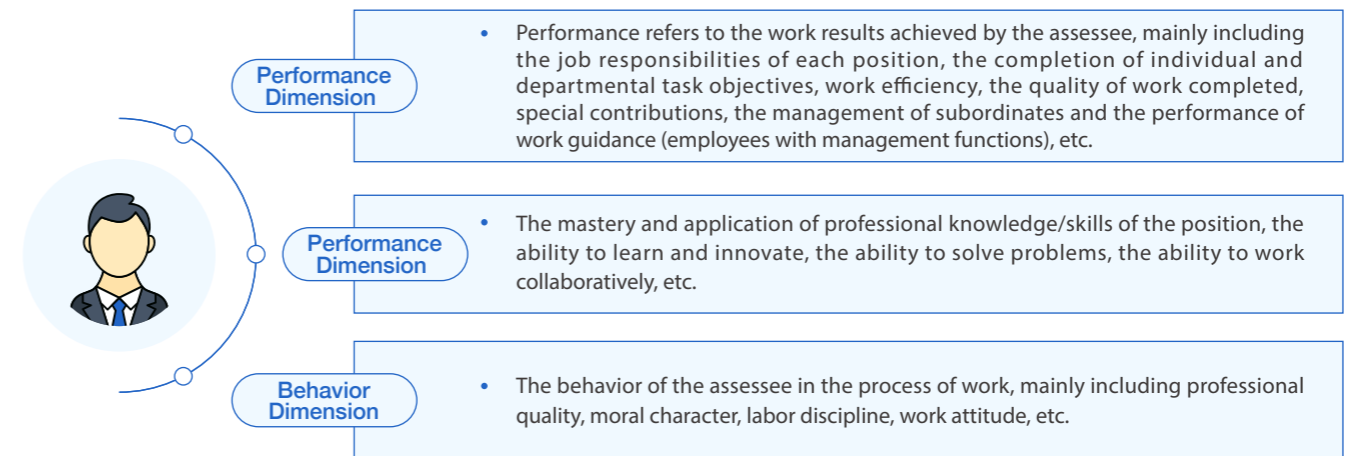


Compensation & Promotion

The Company is committed to building a fair internal compensation management system, and has established a compensation committee and improved the compensation management system. The Committee consists of three Directors, namely the Chairman, Dr. Wang Zhenbo, Dr. Cao Hui and Ms. Huang Siying. The remuneration committee is responsible for evaluating and making recommendations to the Board on the remuneration policies of the Directors and senior management of the Company. At the same time, for the remuneration policy of ordinary employees, the Company strictly abides by Chinese national regulations, pays social insurance for employees every month, with a coverage rate of 100%, and formulates corresponding salary composition standards for different business properties and professional positions to better meet the needs of employees.

We have established a fair and conducive performance-based salary management system for employee development in accordance with the "Human Resource Management Control Procedures" and "Performance Appraisal Management System", provide market-competitive remuneration packages, and are committed to attracting high-quality human resources.

We provide our employees with access to advancement opportunities to help them grow in their careers and achieve their career goals. According to the "Performance Appraisal Management System", our promotion appraisal dimensions include performance dimension, ability dimension and behavior dimension, as follows:



Case: Employee Commendation Conference

In 2023, the Jiashan base held a commendation conference for employees who have achieved excellent performance in 2022.



Working hours and holidays

During the reporting period, the Company revised the "Employee Attendance and Leave Management System" to strengthen the management of working hours and holidays, ensuring the physical and mental health of employees. For production line employees, we arrange shifts according to production needs, and regularly update attendance records. In the case of extended working hours due to work needs, employees need to apply in advance, and the Company will arrange compensatory leave accordingly, and settle overtime pay according to the compensation mechanism. For employees who are responsible for domestic and overseas business, we will flexibly adjust the working hours of employees according to the actual situation and avoid forced or unreasonable overtime.

The Company adheres to the national statutory holiday policy and ensures that all employees enjoy the right to rest on statutory holidays. We will arrange holidays in accordance with relevant laws and regulations, and notify employees of holiday arrangements in advance to ensure that everyone has enough time to arrange personal matters and rest. The Company is committed to maintaining the work-life balance of employees and creating a good working environment.

During the reporting period, our employee turnover² was as follows.

Structure of employee turnover rates	Turnover rate in 2023 (%)
Total	16.67%

By gender

Male	17.68%
Female	14.36%

By age

Under 30	19.01%
30-50	12.82%
Over 50	29.27%

By location

Mainland China	16.67%
Overseas and Hong Kong, Macao and Taiwan	0%

²The formula for calculating the employee turnover rate is: employee turnover rate = number of employees lost during the reporting period / (number of employees lost during the reporting period + number of employees at the end of the reporting period) * 100%

Employee care

Employee welfare and care

We offer a well-being package designed to help employees achieve work-life balance, promote well-being and belonging, and increase employee loyalty.

Living welfare

staff dormitory, working meals, Company team building activities, employee sports activities, gym, basketball court, reading bar, toilet for the disabled, etc

Care and welfare

holiday gifts, holiday gifts, holiday celebrations and lucky draws, visits to injured employees, health knowledge lectures, traffic safety lectures, union allowance for marriage/funeral/sickness/childbirth (employees can submit relevant supporting documents to apply), etc.,

Employee assistance

Helping poor employees through Tsingshan Charity Foundation

Psychological care

Invite psychological counselors to give lectures and training, and be responsible for coordinating the provision of psychological counseling services to facilitate counseling for employees

Women's care

separate toilets with maternal and infant rooms, maternity leave, breastfeeding leave and other leave in accordance with relevant national requirements, work adjustment arrangements, and work during non-pregnancy leave to provide necessary rules and support



Employee activities

Case: Orientation for the New Employee of 2023

The 2023 orientation for the new employee held by the Company opened a welcome door for new members who are about to join the Company. At the orientation meeting, the Company's senior management attended in person, extended a warm welcome to the fresh graduates, and introduced the Company's development history, cultural concepts, and various training and development opportunities. The Company also prepared a beautiful welcome gift package for fresh graduates. This allows new members to better integrate into the warm Company family.



Case: Cycling Club Activity

On April 9, 2023, the Jiashan base held a cycling event with a low-carbon travel theme at Taohua Island in Yaozhuang Town, Jiashan County, Jiaxing City. The event provided employees with an opportunity to relax and unwind. Cyclists wore uniform cycling attire and enjoyed a laughter-filled ride with their colleagues, creating an unforgettable outdoor experience.



Case: Employee Sports Day and a Series of Athletic Events

To promote a healthy and progressive corporate culture, we have actively organized a series of diverse sports events, including employee sports day, soccer matches, basketball tournaments, and table tennis competitions. These activities are designed to inspire employees' enthusiasm for work, enhance team cohesion, and provide them with opportunities to show their sporting prowess and stay physically fit. We are committed to creating a healthy and positive work environment that boosts employee morale.



Employee Sports Day



Soccer Match



Basketball Tournament



Table Tennis Competition

Case: Lantern Festival lantern riddle guessing activity

Colorful lanterns dot the Lantern Festival activity area, injecting a strong festive atmosphere into this traditional festival. The event was very lively, and our employees gathered together to participate in the prepared lantern riddle guessing activities. Those various riddles made the atmosphere more enthusiastic, and everyone competed to show their wisdom and humor. At the same time, the Company has thoughtfully prepared a variety of prizes, which brought a surprise to the participants who guessed the riddle correctly.



Case: Women's Day activities

On March 8, 2023, during the Women's Day event, female employees participated in fun classes prepared by the Company, including drumming, guitar, skateboarding and street dance, showing their versatile side. This special celebration not only made the female employees feel cared for, but also promoted team cohesion and camaraderie among employees.



Case: Free clinic

To care for the health of employees and advocate prevention and health management, on November 24, 2023, we provided free medical services for employees to express our concern for the well-being of employees.



Talent cultivation

The Company's talent cultivation concept is "select, nurture, utilize, retain", which shows our pursuit of high employment standards and the importance of employee growth and development. To implement this concept, the Company has established a sound employee training system and formulated the "Education and Training and Qualification Accreditation Control Procedures". The Human Resources Department continues to lead the orientation training, and formulates training plans every year according to the training needs of each department, covering management capabilities, industry knowledge, office software skills, laws and regulations, etc. According to the specific job needs, all relevant departments actively cooperate with the organization of job training, covering job skills, safety education, intellectual property management and other aspects. At the same time, the Company continues to enrich training resources such as online courses and online assessments, and optimizes teachers to better meet the needs of employees for self-improvement.

The Human Resources Department organizes all departments to prepare the Annual Training Plan according to the training needs and the Company's development needs, and then the Human Resources Department summarizes, sorts out and compiles them. For temporary training needs that are not included in the Annual Training Plan, the Human Resources Department and the corresponding department will work together to develop temporary solutions, such as online courses, to ensure that the temporary training needs can be met. On-the-job training includes employee on-the-job training, job transfer training, multi-skilled worker training, special types of work, professional technology and other training.

The Company implements the mentorship system of "old with the new" to stimulate the potential of employees, so that they can continuously improve their professional skills, leadership, and innovative thinking in their work. During the reporting period, our mentorship system covered more than 80 in-house mentors and 1,000 apprentices.

During the reporting period, we organized 218 employees to participate in external professional training and external certification, including electrical work certificates, special equipment safety management and operator certificates, and safety production management personnel certificates of hazardous chemical production units. In this initiative, employees can apply what they have learned to their work and achieve the goal of growing together as individuals and with the Company.

In addition, our Wenzhou base has also been approved by the Wenzhou Longwan District Human Resources and Social Security Bureau as a pilot for vocational skill level recognition, which is valid from December 2021 to December 2023, aiming to provide a clearer path for employees' career development.

Through the above methods, the Company strives to establish a learning organization at the same time, and constantly strengthens the overall quality of talents, which has laid a solid foundation for the sustainable development of the enterprise.

During the reporting period, 100% of the company's employees received training, and the average annual learning time of employees reached 50 hours.

Indicator	Percentage of employees trained (%) ³	Average training hours per employee (Hour) ⁴
Total	100%	50
By gender		
Male	100%	52.2
Female	100%	43.9
By employment type		
Senior management	100%	22.1
Middle management	100%	40.8
Junior employees	100%	50.4

³ Percentage of employees trained = Trained Employees / Total Number of Employees * 100%
 Percentage of employees trained by relevant category = number of employees trained in this category / total number of employees in this category * 100%
⁴ Average training hours per employee = total training hours / total number of employees
 Average training hours for employees in the relevant category = Total training hours for employees in a specific category / Number of employees in a specific category
 Percentage of Employees = Trained Employees / Total Number of Employees * 100%

Employee communication

At REPT BATTERO, we believe that communication with employees is not only about transferring information, but also a two-way communicating, enabling employees to share ideas and make suggestions, so as to promote continuous innovation and progress for the enterprise. Therefore, we have established multiple employee communication mechanisms to create an open and transparent working atmosphere and create a positive working environment.

1 Our system provides convenience for employees to easily find leaders at all levels of their department, including the top leadership.

2 The department regularly organizes communication meetings or seminars to encourage employee to communicate.



3 Outside the monitoring scope, we have also set up suggestion and reporting boxes to provide employees with the opportunity to express their opinions anonymously, and we also established a dedicated complaint mailbox.

We have adopted a rigorous process for handling complaints, first verifying the situation, dealing with the relevant personnel if it is true, and making internal or public announcements. In the event of a misunderstanding or a wrong complaint, we will contact the relevant personnel to explain and coordinate the work. In addition, all the complaint handling is recorded in detail by the Administration Department.



Occupational health and safety

Occupational health and safety management system

We are committed to complying with domestic and international regulatory requirements, preventing and reducing hazards and risks that may cause damage to the health of our employees or property of the Company, and to ensuring the health and safety of our employees and the surrounding communities. During the reporting period, we did not experience any significant accidents related to health and occupational safety in our operations.

In order to ensure that our operations comply with applicable laws and regulations, we have established a series of policies and procedures on health and work safety in accordance with relevant national laws and regulations and relevant standards, including safety production responsibility system, equipment safety management, high-risk operations, hazardous chemicals management, accident and emergency management, safety risk classification control, and hidden danger investigation and management.

In 2020, we passed the certification audit of our occupational health and safety management system by a third-party organization and obtained the ISO45001 occupational health and safety management system certification. In addition, in order to ensure continuous compliance with occupational health and safety standards, we have carried out self-assessment and external review of enterprise safety production standardization as required, and hold a three-level safety production standardization certification.



Occupational health and safety targets and indicators

To improve the safety operation awareness of employees, we have integrated the concept of occupational health and safety throughout the entire production process, effectively reducing non-compliant operations. In the past three years, there have been no work-related fatalities in the Company. During the reporting period, the number of working days lost due to work-related injuries was 547.5 days.

2023 Occupational Health and Safety Target, Indicators and Completion:

Target	Indicator	Completion
1. Eliminate deaths, mass injuries, explosions, and serious injuries	0 fatalities, mass injuries, explosions, and serious injuries	accomplished
2. Control minor injury accidents	Minor injuries occur in 7 per 1,000 accidents	accomplished
3. Eliminate fire accidents	0 fire accidents	accomplished
4. Eliminate occupational hazard accidents	0 occupational hazard accidents	accomplished
5. Eliminate acute occupational poisoning	0 acute occupational poisoning	accomplished




Occupational health protection initiatives

We have taken comprehensive measures in occupational health protection, including signing a safety commitment letter, carrying out training for all employees, regular equipment inspections, disaster and flood prevention, fire drills, occupational health examinations, personal protective equipment, noise and dust prevention, chemical safety training, etc., to ensure the safety and health of employees.

Occupational health and safety target and indicators	Occupational health protection initiatives
1. 0 fatalities, mass injuries, or explosion accidents 2. 0 serious injury accidents 3. 0 work-related accidents is less than 5‰	<ul style="list-style-type: none"> Carry out the Company, departments and teams to sign the "Safety Production Commitment", and the signing rate is 100% during the reporting period Continue to carry out safety environment training for all employees Continue to carry out monthly and daily inspections of special equipment, implement the maintenance of various types of equipment, and ensure the safe use of special equipment Continue to carry out anti-sassing and flood prevention work, and implement various preventive measures to reduce losses Continue to carry out equipment technical transformation and process adjustment, and gradually eliminate or reduce safety risks
4. 0 fire accidents	<ul style="list-style-type: none"> In 2023, the Company carried out 4 large-scale fire drills, departmental equipment drills and fire equipment inspections Continue to carry out training on the use of fire-fighting equipment and facilities
5. 0 occupational diseases 6. 0 acute occupational poisoning	<ul style="list-style-type: none"> In 2023, the Company achieved full coverage of occupational health examinations for all personnel in occupational hazard positions, and ensured smooth job transfers and rotation for employees in such positions. Distribute labor protection supplies that meet the requirements for those engaged in toxic and harmful working positions, and supervise the correct use of personal protective equipment Continue to strengthen the inspection of noise and dust prevention facilities to ensure effective operation Continue to carry out training on the safe use of chemicals to improve employees' safety awareness and skills

Construction of safety culture

During the reporting period

 the Jiashan base carried out a total of 3 emergency drills	 with a total of 4,283 participants
 the Wenzhou base organized a total of 12 emergency drills for front-line employees	 the employee participation rate was 100%

The Company has formulated the 2023 annual Company-level safety and environmental training plan, aiming to promote various types of safety and environmental knowledge, enhance employees' safety awareness and prevention capabilities through internal and external training. Additionally, the Company has developed the 2023 annual secondary and tertiary safety and environmental training plans to conduct corresponding training based on different needs, thereby improving employees' safety and environmental business skills. Furthermore, the Company has implemented the 2023 annual tertiary safety education for newly hired employees, achieving a 100% education rate. During the reporting period, the certification rate for special operation personnel and technical workers reached 100%. As for the evaluation of the training effectiveness for special job types, we will issue a registration form upon employees passing the exam and assessment to confirm their qualification for the job.

Furthermore, the Company promotes team safety construction, conducts advanced team selection for safety construction, and sets benchmarks. We regularly organize safety production training and safety knowledge competitions to promote and popularize safety production knowledge, and to address fundamental safety production issues. The Company also organizes employees to participate in Red Cross first aid training activities, enabling employees to respond more effectively to possible workplace accidents and thus improve the safety level of the workplace.



Safety production training



Fire drill



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Drive Local Development Initiatives

The Company contributes back to society by supporting local associations and organizations through donations, aiming to contribute to the local community prosperity and build a better society.

Case: Scientific Research and Educational Philanthropy Program

In October 2023, Wenzhou Medical University hosted the World Wenzhounese Conference 2023 Branch "Medical Wenzhounese Conference," aiming to uphold the theme of "Continuing the Torch of Medical Knowledge and Co-Creating Excellence in Healthcare." This gathering attracted medical professionals from across the globe to engage in intellectual exchanges, explore the foundations of basic research, deliberate strategies for translating research outcomes into practical solutions, and envision the future of life and health, while leading the trend of intelligent healthcare. In a collaborative effort to propel advancements in the medical sector, facilitate the conversion of research breakthroughs into tangible benefits, and contribute to the public health, we donated 350,000 RMB to support the successful organization of the Medical Wenzhounese Conference.



Promote equity in education

The Company is enthusiastic about caring for the youth and is committed to contributing to the field of education. By establishing scholarships and donating books, we strive to promote a reading culture, provide learning resources for students, and build bridges for aspiring young people to achieve their dreams. These initiatives aim to promote educational equity and cultivate a new generation with a sense of social responsibility.

Case: Tsingshan Dream Building and Sailing Plan

In May 2023, we continued our second year of funding the "Tsingshan Scholarship" program at Fudan University in Shanghai, providing financial support of 5,000 RMB per year to 100 students with financial difficulties, including 50 undergraduates and 50 graduate students. During the reporting period, we invested a total of 500,000 RMB in the scholarship program, empowering more aspiring young people to complete their education and promoting educational equity and social development.



Case: 2023 YiQiDu Program

From August to November 2023, we launched the 2023 YiQiDu Program in Wenzhou, mobilizing employees to participate in public welfare and charity activities. We integrated idle books from the city and delivered them to rural areas lacking diverse extracurricular reading resources. This initiative aims to plant seeds of literature, history, science, and fairy tales in the hearts of rural children, creating a literary and relaxed spiritual oasis in their lives. During the book donation campaign, REPT BATTERO donated a total of 1,041 children's books including fairy tales, revolutionary classics, children's literature, works by famous authors, and popular science knowledge. The program involved 600 participants and benefited 350 individuals.



Care for Special Groups

We also actively practice the concept of caring for special groups by diversifying our charitable initiatives such as donating supplies, supporting education, aiding orphans, poverty alleviation, etc. We provide practical support to them, contributing sincere care to society's harmony.

Case: Family Planning Household Comfort Activity

On September 20, 2023, a delegation from the REPT BATTERO Jiashan Base responded positively to social responsibility and joined with the Development Zone (Huimin Street) to conduct a heartwarming condolence activity, aiming to care for family planning households and convey warm feelings of care. The delegation first visited Zhangjinghui Community, bringing condolence gifts to needy families, including rice, cooking oil, mooncakes, etc. Later, the delegation went to JiaShan County Fifth Middle School and presented practical learning materials to financially challenged students, including backpacks, stationery, etc., hoping to inspire students' enthusiasm for learning through these small cares. This condolence activity not only supports the local community but also shows care for needy families and students, demonstrating the active commitment of the REPT BATTERO Jiashan Base to social responsibility.



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KPI A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Eco-Stewardship, Lush Landscapes-Pollutant & Waste Management-Hazardous and Non-hazardous Waste Management
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