

REPT
BATTERO

REPT
BATTERO



2024 Environmental, Social and Governance (ESG) Report

REPT BATTERO Energy Co., Ltd.

CONTENTS

About This Report

01

Message from the Chairman

03

Statement of the Board

About Us

Company Introduction

05

Business Scope

06

Global Layout

07

Company Culture

08

REPT BATTERO ESG-related Honors

09

REPT BATTERO Memorabilia

11

ESG and Sustainable Governance

13

Material Issues Management

17

Responsibility in Motion, Collaboration in Action — Forging Sustainable Pathways for Battery Supply Chains

Sustainable Supply Chain Management System

23

Responsible Sourcing

24

Responsible Minerals Management

25

Supply Chain Capacity Building & Knowledge Sharing

26



Steady Progress, Prioritizing Governance

Corporate Governance

29

Risk Management & Internal Control

30

Business Ethics & Anti-Corruption

31

Information Security and Privacy Protection

32

Excellence in Quality, Driving Innovation

R&D and Innovation

37

Product Quality and Safety

47

Customer Service Excellence

51

Green Guardianship, Sustaining Nature

Climate Change Mitigation

55

Resource Stewardship

60

Pollution & Waste Management

66

People-Oriented Care, Forging Harmony

Employee Rights and Benefits

73

Talent Cultivation and Development

79

Occupational Health and Safety

81

Social Commitment, Building Public Welfare

Educational Equity Initiatives

87

Vulnerable Group Care

88

Appendix

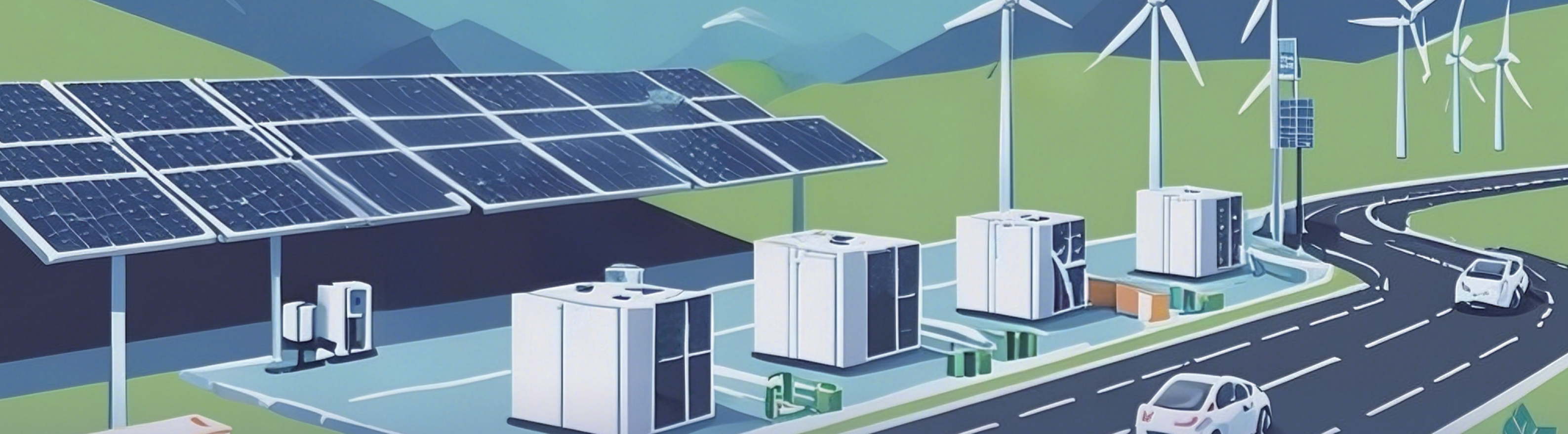
Data Performance Table

89

HKEX ESG Indicators Index

92





About This Report

Reporting Standards

This Environmental, Social, and Governance (“ESG”) Report (“this report” or “the report”) has been prepared in accordance with the *Main Board Listing Rules* of The Stock Exchange of Hong Kong Limited (“HKEX”), specifically its Appendix C2 *Environmental, Social and Governance Reporting Guide* (“the ESG Reporting Guide”). Additionally, it references globally recognized sustainability reporting frameworks and standards, including the *United Nations Sustainable Development Goals* (“UNSDGs”), the *Global Reporting Initiative Standards* (“GRI Standards”) issued by the Global Sustainability Standards Board (“GSSB”), and the Environmental, Social and Governance Reporting Code (“the ESG Reporting Code”) of HKEX.

Reporting Principles

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

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.

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

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

Consistency: This report discloses ESG quantitative performance indicators for the reporting period while incorporating corresponding historical data where possible. Unless otherwise stated, the statistical methods and disclosure approaches for the same indicators remain consistent across different reporting periods to facilitate meaningful year-on-year comparisons in the future.

Reporting Period

The reporting period is from January 1, 2024, to December 31, 2024 (hereinafter referred to as the “Reporting Period”). Where necessary for enhanced comparability, certain disclosures may extend beyond this timeframe.

Organizational Scope

Unless otherwise specified, this Report covers REPT BATTERO Energy Co., Ltd. and its subsidiaries.

Data Sources

The information disclosed 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, Liuzhou Base and Guangdong Base, while Shanghai Battero was not operational during the Reporting Period and is therefore not included; and the denomination of this report is in Renminbi (RMB).

Terminology

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

Access to this report

To promote environmental sustainability, this report is only available in electronic format. It can be accessed or downloaded from the Company’ s official website (www.reptbattero.com) or via the *HKEXnews* website (www.hkexnews.hk).

This Report is presented in both Chinese and English. In case of any discrepancy in understanding between the two language versions, the Chinese version shall prevail for reference.

Message from the Chairman



REPT Battero Energy Co., Ltd.
Chairman: Cao Hui

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

As the global energy transition accelerates and carbon neutrality efforts deepen, the new energy battery industry continues to play a pivotal role in driving sustainable economic transformation. The year 2024 marks the 20th anniversary of the ESG principles introduced by the United Nations Global Compact (“UNGC”). Since joining UNGC in 2022, REPT BATTERO has upheld responsibility as its cornerstone and innovation as its driving force. Anchored in our six ESG strategic pillars—corporate governance, product responsibility, environmental protection, sustainable supply chain, people-centric development, and social contribution—we have integrated sustainability into our corporate DNA, leveraging China's green solutions to contribute to global sustainable development.

Responsibility-Driven: Advancing a Sustainable Supply Chain

In 2024, we continue to refine our full-lifecycle sustainable supply chain management system by proactively identifying and mitigating ESG risks across all stages. We are committed to ensuring that 100% of our suppliers sign responsible sourcing agreements, conducting due diligence on responsible mineral procurement, and collaborating with suppliers to enhance ESG capabilities. These efforts contribute to the overall resilience and synergy of the industry chain.

Technology-Driven: Leading the Global Battery Market

In 2024, we continued to intensify our technological innovation by increasing R&D investment, attracting top-tier R&D professionals, and continuously improving battery energy density and efficiency. These continuous advancements enable us to swiftly respond to market demands, delivering high-quality, cost-effective, and safe battery products. Additionally, we are accelerating our global expansion by establishing subsidiaries in the United States and Southeast Asia, reinforcing our globalization strategy.

Green-Driven: Empowering Low-Carbon Industrial Development

In 2024, we actively responded to climate change by enhancing our climate governance and identifying and assessing climate risks while seizing emerging climate-related opportunities. At the operational level, we uphold green operations by increasing the use of clean energy, advancing green technological transformations, optimizing resource efficiency, and minimizing emissions to reduce our environmental footprint. At the product level, we embed low-carbon principles into product innovation, reducing the carbon footprint across the entire product lifecycle while enhancing battery recycling and circular utilization capabilities.

People-Driven: Building an Inclusive and Harmonious Society

In 2024, we stayed dedicated to fostering a people-centric approach by upholding equal employment opportunities, providing job opportunities for individuals with disabilities, and offering employees a dynamic platform for career growth while prioritizing their health and safety. Moreover, we actively support social initiatives related to education equity and vulnerable groups, demonstrating our strong commitment to corporate social responsibility.

Looking Ahead, guided by our vision of “Join the Green Journey” , REPT BATTERO will continue to accelerate the development of high-tech, high-efficiency, and high-quality new quality productive forces, further enhancing China's role and competitiveness in the global energy sector. Upholding a sustainability-driven approach across the entire value chain and ecosystem, we remain committed to driving the development of electrification, deepening international cooperation, and contributing to the establishment of a global green energy system. We firmly believe that through responsible business innovation and practices, we can work together to build a more sustainable future for all.

Statement of the Board

REPT BATTERO adheres to a development philosophy of "seeking progress while maintaining stability," actively responding to ESG regulatory requirements, continuously enhancing ESG management capabilities, and driving high-quality corporate development. The Company has established a three-tier ESG governance structure comprising the "Board of Directors – Environmental, Social, and Governance (ESG) Committee – Environmental, Social, and Governance (ESG) Management Committee." As the highest decision-making body for ESG matters, the Board of Directors is fully responsible for formulating, implementing, and disclosing the Company's ESG strategy. The Board has authorized the ESG Committee to define the Group's overarching ESG objectives, strategies, and policies, ensuring the establishment of an effective ESG risk management and internal control system, and to report progress regularly to the Board.

Through periodic stakeholder engagement, REPT BATTERO systematically identifies and manages ESG opportunities and risks, clarifies annual material ESG topics, and advances the implementation of related objectives. In 2024, the Company deepened its efforts in ESG risk management, ESG rating improvement, green manufacturing and product innovation, and sustainable operations, accelerating progress in these areas and fully integrating ESG principles into corporate operations.

This report provides a comprehensive disclosure of REPT BATTERO's ESG practices and achievements in 2024 and has been reviewed and approved by the Board of Directors on 26 March 2025.

About Us

Company Introduction

REPT BATTERO Energy Co., Ltd., established in 2017, is the first new energy venture initiated by Tsingshan Holding Group Co., Ltd, a Fortune Global 500 company. As a leading lithium-ion battery innovator, we specialize in R&D, manufacturing, and sales of power batteries for new energy vehicles and smart energy storage systems, partnering with global clients to accelerate the green energy transition.

The company has established R&D centers in Shanghai, Wenzhou, and Jiaxing, and production bases in Wenzhou, Jiaxing, Liuzhou, Foshan, Chongqing, and Indonesia. As of the end of 2024, the total production capacity reached 74GWh, with an expected capacity of 90GWh+ in 2025. In 2024, REPT BATTERO ranked fifth globally in energy storage cell shipments, second worldwide in residential energy storage system battery shipments, sixth domestically in LFP power cell shipments, and third1 in new energy heavy-duty truck installations.

Since the global launch of the "Wendinng®" technology in 2022, REPT BATTERO has kept upgrading it and set new benchmarks for lithium-battery volumetric energy density. In 2024, based on the Wendinng® structure, REPT BATTERO carried out a series of technological improvements to address current battery pain points in energy density, fast charging, high power, and safety. It has developed products with high energy density, high volumetric energy density, fast - charging, and high - power capabilities to meet niche market demands.

REPT BATTERO's EV and ESS batteries have gained cooperation from international automakers like Stellantis, Nissan, Smart, Volvo, and energy storage firms such as Powin, Energy Vault, and Vena Energy. It aims to further expand these partnerships. With customers worldwide, REPT BATTERO established a U.S. subsidiary and a Southeast Asian subsidiary in 2024 to handle sales in the Americas and preliminary work for a manufacturing base in Southeast Asia.

2024

NO.5

Global ranking of energy storage cell shipments in 2024

NO.2

Global ranking of energy storage battery shipments in the residential storage segment in 2024

NO.6

Domestic ranking of lithium iron phosphate (LFP) power cell shipments in 2024

NO.3

Installation ranking of new energy heavy-duty truck models in 2024

1. Energy Storage Battery Rankings: CNESA DataLink
Power Battery Rankings: China Automotive Battery Innovation Alliance

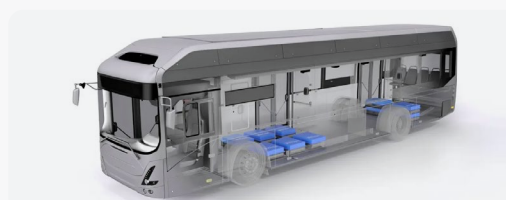
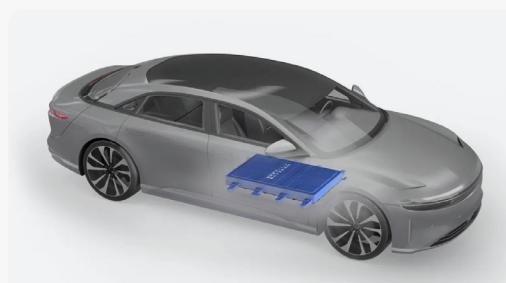
Business Scope

Power Segment



Our power products include LFP batteries, NMC batteries, battery modules, and battery packs.

Our power products are applied in various fields such as passenger vehicles, commercial vehicles (including buses, special-purpose vehicles, industrial vehicles, and construction machinery), and ships.



Energy Storage Segment

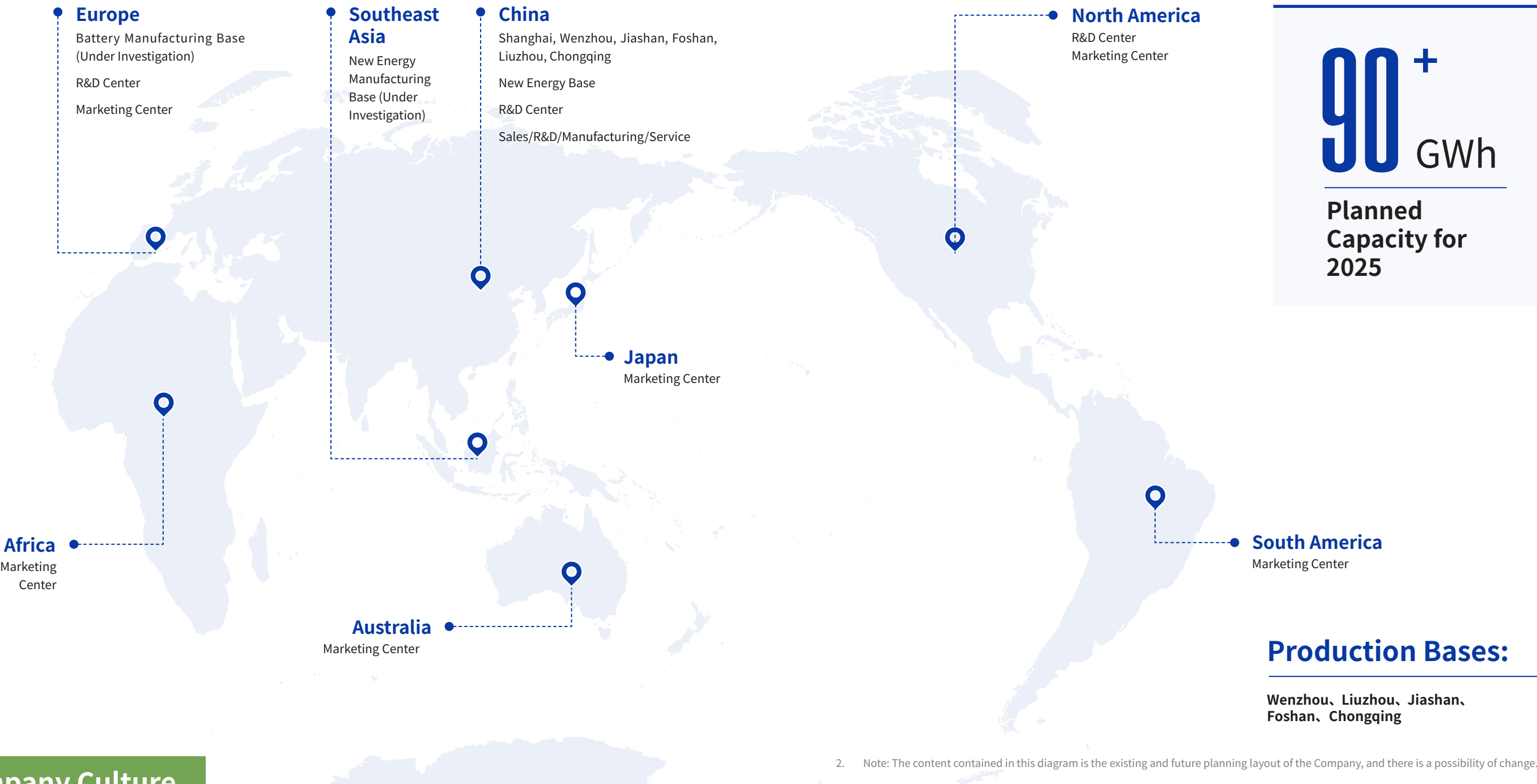


Our energy storage products include energy storage batteries and energy storage systems.

Our energy storage products are used in home energy storage, large-scale industrial energy storage, and commercial and industrial energy storage scenarios, such as factories, power plants, and grids.



Global Industrial Layout Plan²



Company Culture

Goal

Expert in New Energy Power and Energy Storage Batteries

Spirit

Clean, Efficient, and Dare to Be First

Vision

Join the Green Journey

REPT BATTERO ESG-related Honors



01. United Nations Global Compact ("UNGC") "SDG Ambition Accelerator" Participating Enterprise Certification

02. Responsible Business Alliance (RBA) Silver Level Certification

03. GB/T 39604-2020 Corporate Social Responsibility Management System Certification

04. Wind ESG Electrical Equipment Industry Grade A Rating

05. 2024 Greenlight ESG List Exemplary Case – Exemplary Innovation Contribution List TOP10

06. Golden Bee "2024 Yangtze River Delta Outstanding Listed Companies Sustainability Report"
07. Golden Bee "2024 Outstanding Corporate Sustainability Report Rising Star Award"

08. "Carbon Neutrality Field Science and Technology Progress Award" issued by China Energy Conservation Association and China Quality Certification Center

09. 9th Zhitong Financial Information Technology Listed Companies Selection "Best ESG Company Award"

10. China Energy Conservation Association "2024 Innovation Award - Energy Conservation and Emission Reduction Technology Progress Award"

11. "Five-in-One" Green Low-Carbon Integrated Energy Demonstration Station Project

12. 7th China Energy Communication Conference & ESG Brand Forum "2024 ESG Excellence Practice Award"



REPT BATTERO MEMORABILIA

2017

2017.10
REPT BATTERO Energy Co., Ltd. was established

2017.12
Wenzhou manufacturing base started construction

2018

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

2019

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

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 Sangzhuizi District, Langming, Tibet

2020.12
Monthly shipments ranked fth in the industry

2021

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 Phase II 20GWh base

2021.12
280Ah ESS batteries were applied to North American market in batches

2022

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 agreement -RPSK+SKRP 20GWh project

2022.04
Share reform, renamed REPT BATTERO Energy Co., Ltd

2022.06
Jiashan phase I factory started operation(16GWh)

2022.06
Foshan manufacturing base (Phase I) project started construction

2023

2023.01
Appendix Signed agreement-Jiashan phase II factory (16GWh)

2023.02
Signed agreement -Chongqing 30GWh production base project

2023.02
Won the award of national green factory in 2022

2023.03
Signed agreement - Wenzhou Manufacturing Base (Phase III) Project

2023.03
Signed agreement - Jiashan phase III Factory (45GWh)

2023.05
Signed supply agreement-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 agreement - Foshan Manufacturing Base (Phase II) Project

2023.12
REPT BATTERO was listed on the Hong Kong Stock Exchange

2024

2024.04
Wending® PHEV and Super Charging Series Launch

2024.06
Wending® Large Capacity Series and 7.03MWh Energy Storage System Launch

2024.09
REPT BATTERO North America Subsidiary Officially Launched

2024.09
Powtrix Energy Storage System Launch

2024.10
Green Power Integrated System CTP and Commercial Vehicle Power System Mr.Big Launch

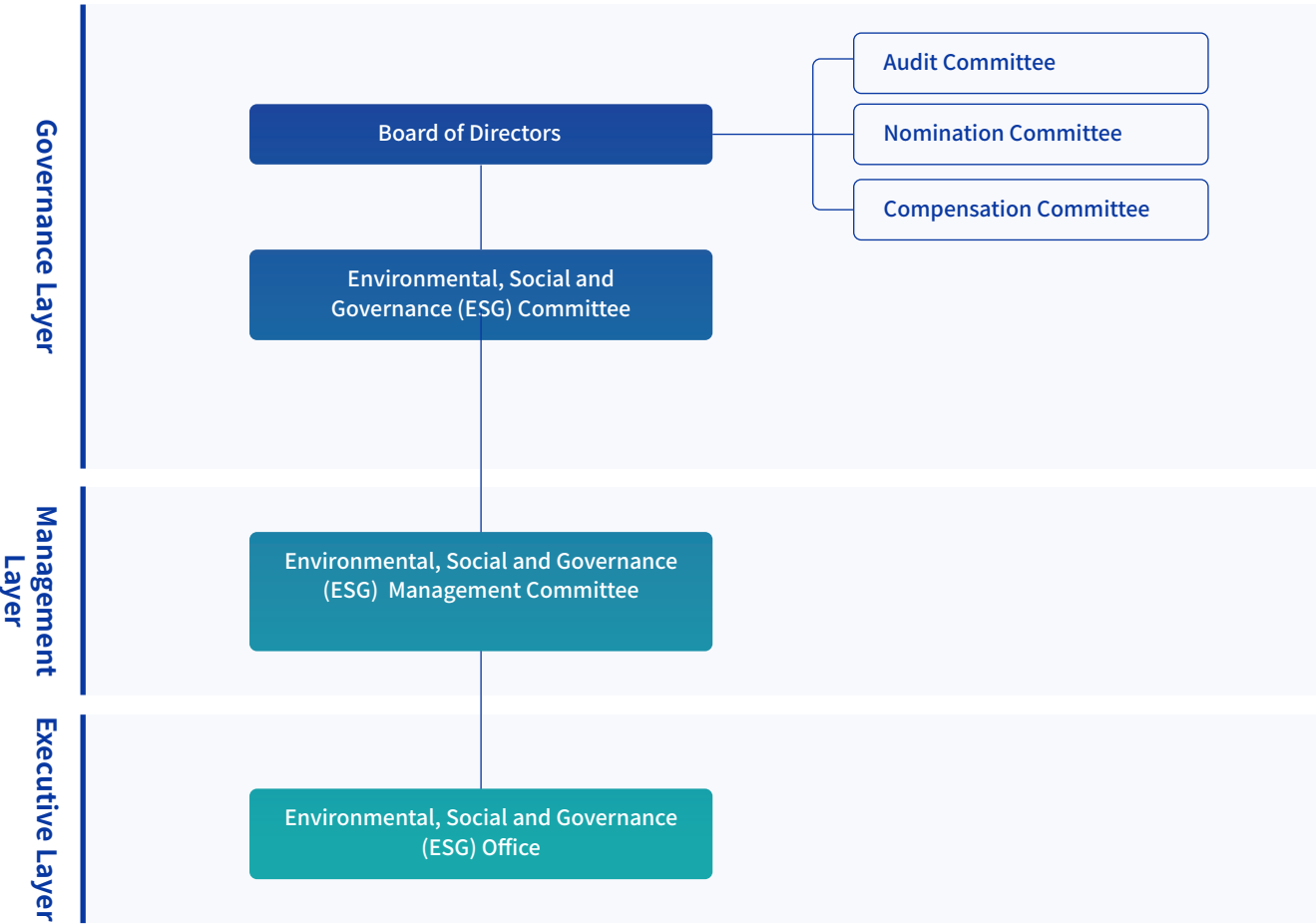
2024.12
REPT BATTERO Yangtze River Delta Research Institute Established

ESG and Sustainable Governance

Driven by the ESG Vision of "Integrate with green vitality, manifest for the social prosperity, and forge governance in excellent.", REPT BATTERO continues to advance the social responsibility framework focused on low-carbon production, People-Oriented principles, and integrity-driven operations. The Company has further refined the ESG governance framework and operational mechanisms, striving to establish a corporate exemplar for sustainable development.

ESG Management Structure

To advance sustainable development, REPT BATTERO has established a systematic, multi-tiered Environmental, Social, and Governance (ESG) framework to ensure the effective implementation of the Company's ESG strategic objectives across operational practices.



Governance Layer

Board of Directors serves as the highest authority for ESG-related work at REPT BATTERO. The Board of Directors establishes the Environmental, Social and Governance (ESG) Committee as the highest guiding and approving body for ESG-related matters at REPT BATTERO. Comprising three directors, including two female members, the Committee is responsible for reviewing the company's ESG and sustainability management structure and roles; approving sustainability strategies; monitoring the achievement of strategic objectives and key performance indicators; and reporting ESG-related matters to the Board.

Management Layer

The Environmental, Social and Governance (ESG) Management Committee, comprising senior leaders from across the company, is tasked with formulating and implementing sustainability strategies, overseeing and guiding sustainability initiatives at all facilities, monitoring progress toward sustainability goals, leading the preparation of annual ESG reports, and fostering stakeholder engagement on sustainability issues.

Executive Layer

Composed of representatives from various departments and facilities, this layer is responsible for executing specific ESG initiatives and operational tasks.

ESG Strategy

Aligned with our ESG Vision, REPT BATTERO has formulated an ESG Strategy comprising six thematic pillars spanning environmental, social, and governance dimensions. Each pillar corresponds to specific United Nations Sustainable Development Goals, providing a structured roadmap to steer the company's ESG development. This strategic framework drives substantive progress in critical areas while ensuring alignment with long-term sustainable development objectives.



In 2024, as an official member of the UNGC, REPT BATTERO actively participated in the "SDG Ambition Accelerator" program, demonstrating its global sustainability commitments through concrete actions. Moving forward, we will continue to adhere to the Ten Principles of the UNGC, deepen sustainability practices, and contribute China's innovative solutions to advancing global sustainable development goals.

Corresponding Material Issue

Social Welfare

REPT BATTERO Actions

- Donate funds & resources to support education & underprivileged groups
- Collaborate with local communities to implement diverse public welfare projects

Corresponding Material Issue

Employee Rights & Benefits | Employee Training & Development | Employee Health & Safety | Diversity, Equity & Inclusion

REPT BATTERO Actions

- Optimize "mentorship program" covering 100% new employees, support staff training & development
- Strengthen occupational health & safety management system (certified with ISO 45001), implement comprehensive training & drills
- Care for employee health through diverse wellness activities
- Protect female employee rights, promote gender equality, foster inclusive workplace

Corresponding Material Issue

Responsible Supply Chain | Mineral Supply Chain Due Diligence

REPT BATTERO Actions

- Implement strict supplier qualification & management processes to ensure supply chain sustainability
- Proactively promote responsible mineral supply chain due diligence to reduce socio-environmental risks
- Collaborate with industry partners to build green supply chain system



Corresponding Material Issue

Anti-Corruption | Business Ethics | Information Security & Privacy Protection | Corporate Governance | Compliance Management

REPT BATTERO Actions

- Establish anti-corruption & business ethics systems, optimize corporate governance
- Strengthen information security & privacy protection, enhance compliance operation capabilities

Corresponding Material Issue

Product R&D & Innovation | Product Quality & Safety | Industry Collaboration

REPT BATTERO Actions

- Increase R&D investment to launch innovative battery products & technical solutions
- Establish cross-regional collaborative innovation patterns to promote new energy battery technology breakthroughs
- Implement comprehensive quality management systems (certified with ISO 9001, IATF 16949), establish Quality Academy for enhanced training, participate in industry associations to facilitate standardization

Corresponding Material Issue

Water Resource Management | Energy Stewardship | Clean Technology Innovation | Green Operations | Circular Economy & Recycling | Climate Change Response

REPT BATTERO Actions

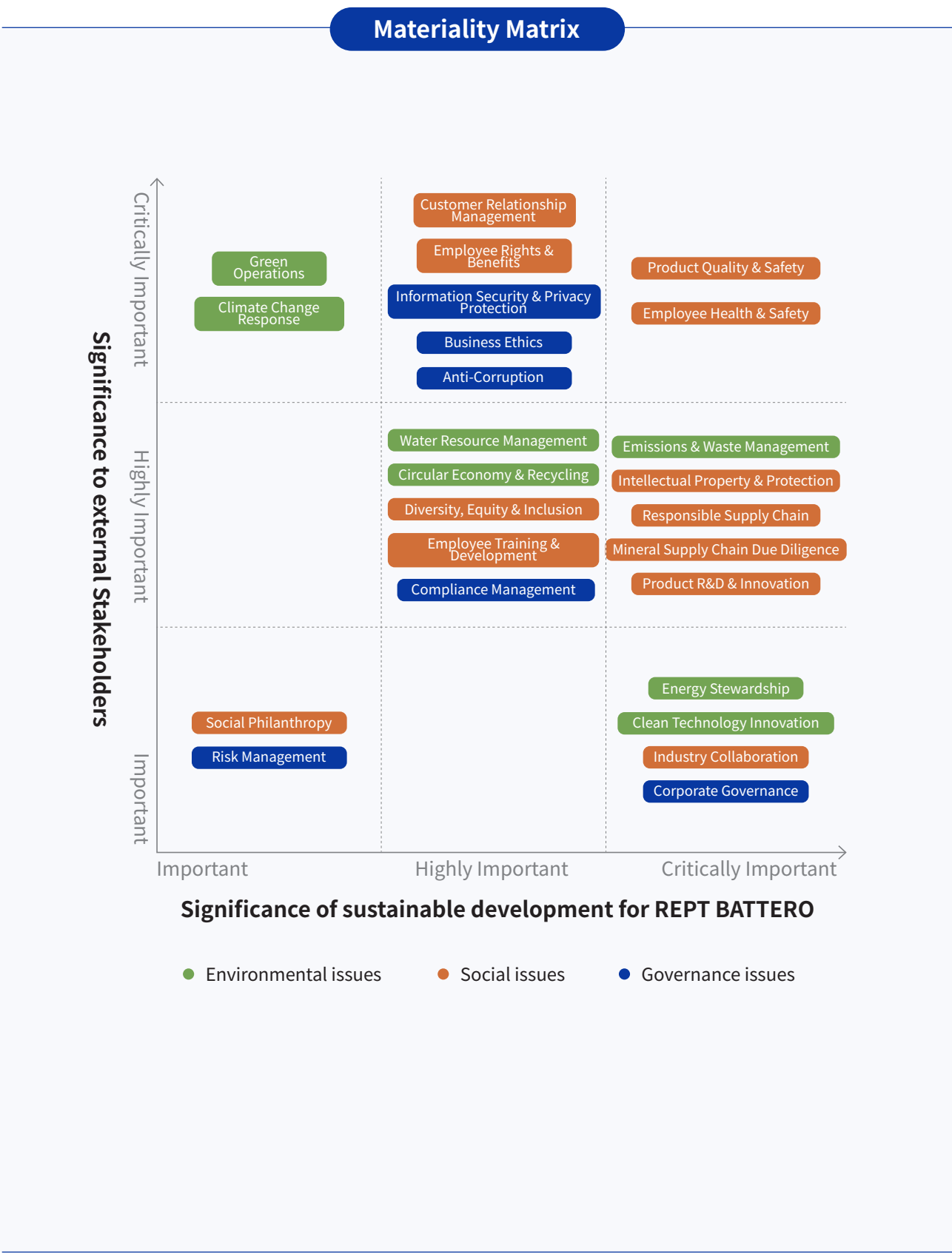
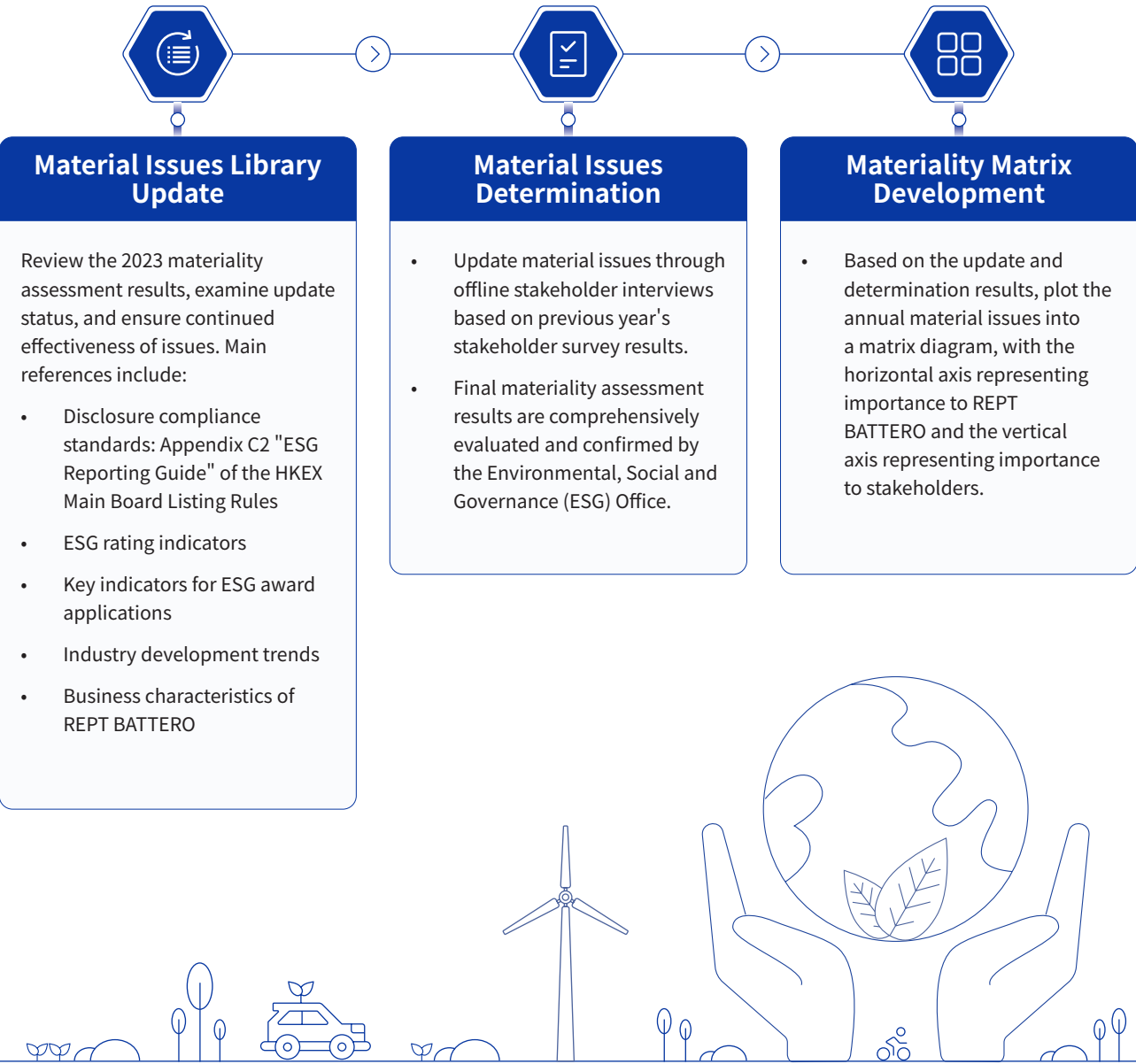
- Implement water-saving renovation projects through steam condensate recovery, cooling water circulation & reclaimed water reuse
- Increase renewable energy utilization (rooftop PV, green power procurement), conduct energy-saving renovations, optimize energy structure & efficiency
- Promote "cascade utilization" of retired power batteries, build complete battery recycling chain
- Implement national "Dual Carbon" strategy, improve climate governance, conduct product lifecycle carbon footprint accounting & certification

Material Issues Management

REPT BATTERO recognizes that material issues serve as the cornerstone for advancing sustainability management. In 2024, we conducted a materiality assessment review and update tailored to our industry characteristics, systematically integrating stakeholder priorities into our ESG operational framework.









Material Issues Identification and Analysis

To ensure the continuous alignment of material issues with the latest development trends, we conduct annual reviews and updates of materiality assessment results and carry out biennial stakeholder engagement surveys. During the Reporting Period, the materiality database was updated based on the Company’s 2023 material issues repository, regulatory requirements, industry trends, peer benchmarking materials, and other relevant references.



Stakeholder Engagement

STAKEHOLDER COMMUNICATION

Stakeholder	 Senior management and other employees	 Shareholders	 Customers	 Government departments and regulatory agencies	 Suppliers	 Industry and standards associations	 Community and Public	 NGOs and Media
Focus Issues	<ul style="list-style-type: none">Product Quality & SafetyCustomer Relationship ManagementProduct R&D & InnovationEmployee Health & SafetyEmployee Rights & BenefitsInformation Security & Privacy Protection	<ul style="list-style-type: none">Product Quality & SafetyCustomer Relationship ManagementProduct R&D & InnovationResponsible Supply ChainIntellectual Property & ProtectionCorporate GovernanceInformation Security & Privacy ProtectionCompliance ManagementAnti-CorruptionBusiness Ethics	<ul style="list-style-type: none">Emissions & Waste ManagementGreen OperationsProduct Quality & SafetyEmployee Health & SafetyEmployee Rights & BenefitsCustomer Relationship ManagementResponsible Supply ChainMineral Supply Chain Due Diligence	<ul style="list-style-type: none">Green OperationsEmissions & Waste ManagementProduct Quality & SafetyCustomer Relationship ManagementEmployee Rights & BenefitsSocial PhilanthropyCompliance ManagementAnti-CorruptionBusiness Ethics	<ul style="list-style-type: none">Product Quality & SafetyProduct R&D & InnovationResponsible Supply ChainMineral Supply Chain Due Diligence	<ul style="list-style-type: none">All issues in REPT BATTERO's ESG issues database	<ul style="list-style-type: none">Product Quality & SafetyEmployee Health & SafetyEmployee Rights & BenefitsInformation Security & Privacy Protection	<ul style="list-style-type: none">Climate Change ResponseInformation Security & Privacy Protection
Communication and Response Channels	<ul style="list-style-type: none">Survey questionnairesEmployee forumsInternal communication platforms	<ul style="list-style-type: none">Survey questionnairesShareholders' meetingsInvestor relations activitiesOther exchange events	<ul style="list-style-type: none">Survey questionnairesCustomer interviewsSocial media	<ul style="list-style-type: none">Survey questionnairesGovernment exchange meetingsOn-site inspectionsInformation disclosure	<ul style="list-style-type: none">Survey questionnairesInternal work communication platforms	<ul style="list-style-type: none">Survey questionnairesIndustry seminarsInformation disclosure	<ul style="list-style-type: none">Survey questionnairesCharity EventsSocial Media	<ul style="list-style-type: none">Survey questionnairesSocial MediaMedia Relations Team CommunicationInformation disclosure

SPECIAL TOPIC

Responsibility in Motion, Collaboration in Action — Forging Sustainable Pathways for Battery Supply Chains

Corresponding Material Issues:

- Responsible Supply Chain
- Mineral Supply Chain Due Diligence



Sustainable Supply Chain Management System

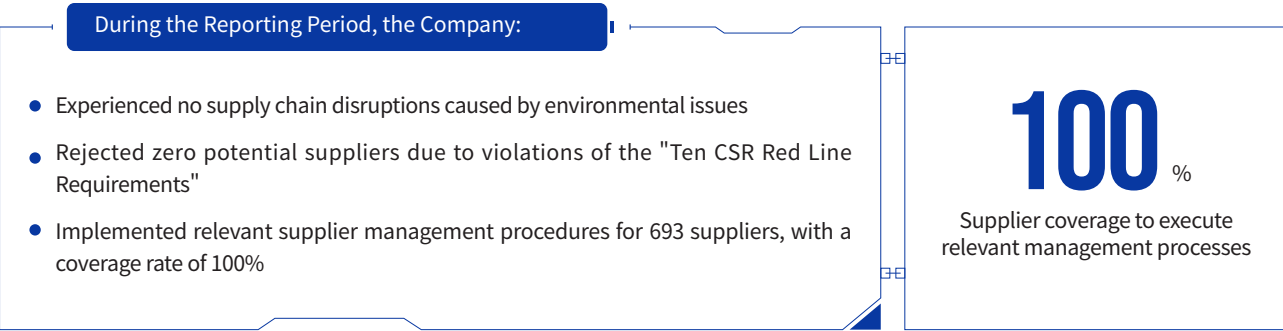
REPT BATTERO continues to strengthen supply chain lifecycle management, implementing end-to-end processes encompassing supplier screening, qualification, performance evaluation, operational oversight, and exit protocols. We proactively identify and mitigate ESG risks at each supply chain node, ensuring comprehensive quality consistency of products and services while safeguarding business continuity.

Supplier Onboarding & Management

REPT BATTERO has established a comprehensive sustainable risk assessment system for supplier evaluation and selection. At the supplier onboarding stage, the Company implements rigorous management procedures based on the *Supplier Access Control Procedure Documents* and *Supplier Basic Information Form*, clearly defining management requirements and specific indicators for suppliers. The Company has established "Ten CSR Red Line Requirements" covering critical areas such as technical capabilities, management systems, personnel controls, emergency response, and prohibition of child labor. These requirements ensure a comprehensive evaluation of suppliers' competencies in quality, safety and environmental protection, enterprise scale, operational scope, and social responsibility to meet access standards. In addition, the Company requires core suppliers to obtain ISO 14001 Environmental Management System Certification and ISO 45001 Occupational Health and Safety Management System Certification, and to annually submit RoHS 2.0 test reports and REACH reports for specific materials. Depending on product requirements, certain suppliers must also obtain IATF 16949 certification or ISO 9001 Quality Management System Certification to meet higher standards for product quality and safety.

To ensure fairness, impartiality, and transparency in procurement activities, the Company requires all suppliers to sign the *Sunshine Agreement*, which institutionally constrains supplier conduct to eliminate unethical practices such as commercial bribery. Concurrently, we have explicitly established Intellectual Property Protection Clauses in contracts to ensure clear agreements between all collaborating parties regarding IP ownership, usage, and risk control, thereby preventing potential legal disputes. Furthermore, the Company implements a diversification strategy in supply chain management to reduce reliance on single suppliers or specific regions. This enhances supply chain resilience, strengthens capabilities to address potential risks, and establishes contingency plans for raw material supply disruptions to ensure stability and reliability under emergent circumstances.

As of the end of the Reporting Period, the Company had 693 suppliers, all located in the Chinese Mainland. The cumulative number of suppliers that have implemented relevant supplier management procedures reached 3,336.



Supplier Evaluation & Assessment

REPT BATTERO has established a robust supplier evaluation and assessment management system. This system employs a combination of monthly evaluation audits and on-site audits, while continuously expanding the scope of supplier audits and refining audit criteria to implement holistic supplier management, thereby ensuring the compliance and efficiency of procurement activities.

The Company has established a routine supplier evaluation and response mechanism, conducting monthly assessments across three dimensions: quality, delivery, and service. Based on monthly evaluation results, we calculate annual average performance

scores, classify suppliers into tiered performance levels, and provide evaluation records to suppliers to facilitate performance transparency and improvement. Concurrently, the Procurement Department conducts on-site audits focusing on three key areas: quality, commercial terms, and technical specifications, supplemented by random sampling checks to ensure suppliers' strict compliance with requirements. In the next fiscal year, the Company will implement differentiated requirements corresponding to suppliers' performance tiers.

Routine Supplier Evaluation Results and Corresponding Measures

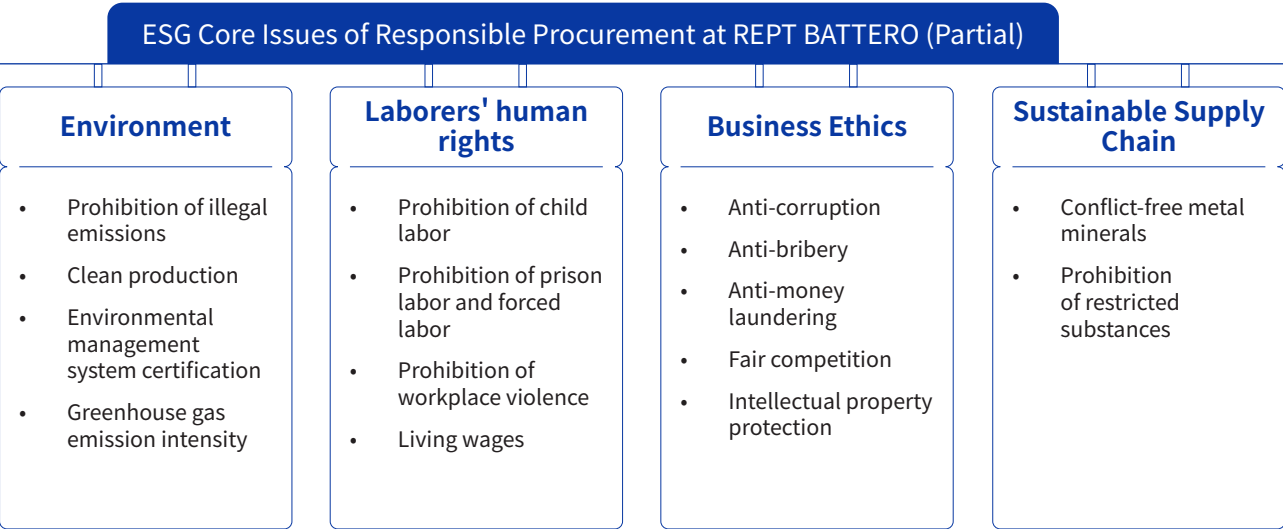


Responsible Sourcing

To ensure procurement activities comply with legal requirements such as the *EU Battery Regulation 2023/1542* while aligning with REPT BATTERO's commercial principles, supply chain compliance, IP protection, and environmental standards, the Company prioritizes collaboration with localized suppliers and those demonstrating lower environmental impact. Following supplier qualification and approval for onboarding, the Company incorporates eight agreements into standard procurement contracts: *Social Responsibility Agreement*, *Integrity Cooperation Pledge*, *Conflict-Free Metals Declaration*, *Supply Chain Traceability Statement and Commitment*, *Prohibited Substances Non-Use Commitment*, *Non-Disclosure Agreement*, *Environmental Protection Agreement*, and the *Sunshine Agreement*. These agreements drive effective integration and management of broader ESG priorities throughout supplier management and procurement processes. During the reporting period, the Company achieved a 100% signing rate for all eight agreements with suppliers, meeting the annual target set at the beginning of the year.

Eight Agreements List





The Company actively promotes the signing of the *Conflict-Free Metals Declaration* and *Supply Chain Traceability Statement and Commitment* by suppliers. We conduct conflict minerals identification and investigations on suppliers whose products contain or manufacturing processes utilize nickel, cobalt, lithium, graphite, and phosphate materials. If supply chain risks such as support for non-state armed groups and child labor practices are identified, the Company will promptly collaborate with suppliers and stakeholders to develop, adopt, and implement risk management plans based on its specific position within the supply chain. These plans aim to contain or mitigate risks while conducting regular progress evaluations, during which management strategies of continuation or suspension of cooperation will be applied accordingly. Should any risk management plan prove ineffective after a six-month implementation period, the Company will terminate cooperation with upstream suppliers.

During the Reporting Period

During the Reporting Period, the Company conducted Responsible Supply Chain Due Diligence Audits, screening four suppliers of anode materials. Both suppliers were assessed as low-risk suppliers following the audits.

4

Low risk

Search for suppliers

All are audited

Furthermore, the Company continuously expands the scope of Responsible Minerals Supply Chain Due Diligence Audits. Beyond enhancing internal management systems, we mandate suppliers to cascade relevant principles to sub-suppliers, while encouraging industry peers and supply chain partners to conduct responsible supply chain due diligence management.

⚡ Responsible Minerals Management

REPT BATTERO aims for "zero conflict mineral procurement and use", actively advancing responsible mineral management practices in conflict-affected and high-risk areas. The company has established the *Due Diligence Policy for Responsible Global Mineral Supply Chains*³ by complying with and referencing multiple international and domestic guidelines, including the *Chinese Due Diligence Guidelines for Mineral Supply Chain (Second Edition)*, *OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas*, and the *UN Global Compact*. This policy provides guidance for conflict-sensitive procurement activities throughout the entire mineral supply chain and serves as a reference to enhance risk awareness among suppliers. Simultaneously, the Company has publicly established a responsible supply chain grievance channel, aiming to provide suppliers, partners, consumers, and other stakeholders with a transparent and fair communication platform. This initiative ensures that throughout all stages of the supply chain, any potential violations, unfair treatment, or unethical practices inconsistent with ethical standards can be promptly identified and properly addressed.

✉ Responsible supply chain grievance channels:

sustainability@reptbattero.com

⚡ Supply Chain Capacity Building & Knowledge Sharing

REPT BATTERO continuously advances ESG capacity-building across the supplier network. Through multi-dimensional initiatives including risk identification support, dedicated capacity-building training, benchmarking case studies, indirect influence via procurement officers, on-site/remote coaching, and specialized workshops, we enhance suppliers' sustainable practices while elevating the sustainability of our procurement practices, achieving collaborative win-win outcomes.



Steady Progress, Prioritizing Governance

Corresponding Material Issues:

- Corporate Governance
- Compliance Management
- Risk Management
- Business Ethics
- Anti-Corruption
- Information Security & Privacy Protection



Corporate Governance

Corporate Governance Mechanisms

As of the end of 2024, the Board of Directors of the Company comprises 12 directors, including 3 executive directors, 5 non-executive directors, and 4 independent non-executive directors. Independent non-executive directors account for 33% of the Board. The Board membership consists of 9 male directors (75%) and 3 female directors (25%). Directors of the Company serve three-year terms, are elected or replaced by shareholders' meetings, and are eligible for re-election upon expiration of their terms.



The Board of Directors places paramount importance on the diversity of member backgrounds, focusing on professional diversity in industry acumen, specialized expertise, and experience, while emphasizing identity diversity encompassing gender, geographic distribution, and cultural backgrounds. In director selection processes, the Company concurrently considers existing corporate policies and requirements under the *Main Board Listing Rules* issued by The Stock Exchange of Hong Kong Limited (“HKEX”), conducting comprehensive evaluations of candidates to ensure compliance with qualification standards. Current Board members possess profound professional expertise spanning lithium-ion batteries, metallic materials, automotive, energy, finance, and corporate management sectors.

To effectively fulfill the Board of Directors' responsibilities, the Company has established four specialized committees: the Audit Committee, Nomination Committee, Remuneration Committee, and Environmental, Social and Governance (ESG) Committee. Each committee operates within its defined mandate, formulating proposals for submission to the Board of Directors for review and approval. These four specialized committees provide scientifically grounded and professional recommendations to support the Board's decision-making processes, delivering effective guidance for the Company's long-term strategic development and governance enhancement.

During the Reporting Period, the Company further refined its governance framework and strengthened Board oversight. Concurrently, the Company proactively advanced the implementation of Board compliance training programs, disseminating relevant documents via email to ensure directors' full comprehension of compliance requirements, thereby driving continuous optimization of the corporate governance system.

Investor Relations Management

The execution of investor relations management constitutes a pivotal component in establishing and maintaining proactive, transparent, and effective communication with investors. We are committed to building robust relationships with investors through diversified engagement channels, fulfilling their expectations towards the Company, and enhancing market recognition of REPT BATTERO.

Communication and Feedback

Appoint a professional investor relations team responsible for communicating and interacting with investors, efficiently conveying the company’s core information, responding to investor inquiries and concerns, and providing timely feedback of investor opinions to the company’s board and management.

Information Disclosure

Strictly comply with relevant laws and regulations, regularly release accurate and timely financial and non-financial information, including annual reports, periodic reports, ad-hoc announcements, financial performance, ESG reports, etc.; disclose corporate governance structure, equity structure, board member information, etc., to demonstrate the company’s governance transparency and compliance.

Investor Interaction

Actively participate in investor events, roadshows, investor conferences, etc., engage in direct interactions with investors, and conduct effective online and offline investor reception activities.

Media Cooperation

Strengthen partnerships with social media platforms, promptly provide the latest company news, insights, and responses to investor inquiries, ensuring comprehensive and timely media coverage of company developments.

Public Relations Maintenance

Establish a crisis management mechanism, prepare in advance to address potential issues and neg

Information Platform Development

Establish an investor relations section on the company’s official website to ensure efficient and transparent disclosure of investor-related corporate information.

Risk Management & Internal Control

The Company steadfastly adheres to lawful and compliant operations, dedicating efforts to develop and continuously enhance comprehensive risk management and internal control systems. Implementing an enterprise-wide integrated risk management policy, we systematically cover core business operations including R&D, procurement, production, sales, and new project construction, while extending to functional domains such as human resources, financial management, asset administration, warehousing & logistics, IT systems management, and corporate governance. This integrated approach ensures robust operations in volatile business environments, enabling effective identification and control of potential risks across entire operational workflows.

Risk Management and Internal Control Framework:

Board of Directors

Responsible for improving the internal control system and overseeing its effectiveness, ensuring risk management strategies are scientific and executable.

Supervisory Board

Monitors the implementation of the internal control system, assesses risk levels, and ensures they remain within reasonable limits.

Audit Department

Conducts annual risk assessments, prepares risk assessment reports, and submits them to the Audit Committee and Board of Directors for review to ensure the scientific nature and executability of risk management measures.

Business Departments

Proactively identify potential risks in operations and monitor changes in internal and external environments that may impact risk levels.

External Professional Consultants (if required)

Collaborate with internal audit and legal teams to regularly review the company's legal, compliance, and operational risks, ensuring the validity of all registrations, licenses, permits, filings, and approvals.

During the Reporting Period, REPT BATTERO sustained efforts to strengthen risk management and internal control system development. Comprehensive reviews were conducted across critical areas including financial, operational, and compliance controls, with systematic legal risk assessments implemented specifically for energy storage and power battery major client framework agreements. The contract management process was optimized to ensure transactional compliance and operational stability. To enhance legal risk governance capabilities, the Company expanded its internal control team by recruiting legally qualified professionals with substantial experience, now averaging 9+ years of specialized expertise, thereby providing reinforced legal support for global business operations. Concurrently, the Company has strengthened tender and procurement management. Professional technical and commercial experts formed bid evaluation teams to participate in the entire process of supplier review, ensuring fairness, impartiality, transparency, and compliance. The legal team conducted comprehensive legal risk reviews both during bidding and after contract award, thereby reinforcing the robustness of supply chain management.

To further strengthen international business compliance management, the Company has engaged prestigious domestic and international law firms to provide dedicated legal support on critical matters including battery export compliance, cross-border contract risks, and foreign-related disputes. This ensures the Company's compliant operations in international markets and mitigates potential legal exposures. Furthermore, the legal team continuously advances legal risk identification and compliance governance by leveraging accumulated practical experience, historical litigation cases, and the latest regulatory updates. These measures guarantee that the internal control system remains adaptive to evolving legal frameworks and market dynamics, thereby providing robust safeguards for the Company's stable operations.

Business Ethics & Anti-Corruption

The Company consistently implements the principles of integrity-based operations and anti-corruption compliance, strictly adhering to the *Criminal Law of the People's Republic of China*, *Anti-Unfair Competition Law of the People's Republic of China*, and the *Company Law of the People's Republic of China*. The Company has formulated the *Corporate Business Ethics Governance Regulations* and *Anti-Corruption & Anti-Bribery Management Control Procedures*, continuously optimizing its anti-corruption management system.

During the Reporting Period, the Company revised the Anti-Corruption & Anti-Bribery Management Control Procedures, further enhancing corruption risk prevention, whistleblowing management, and audit supervision mechanisms to ensure operational legality, transparency, and compliance. These regulations explicitly stipulate requirements regarding confidentiality, integrity in business conduct, and conflict of interest under business ethics, along with other behavioral guidelines. Specific oversight responsibilities have been formally assigned to designated departments. The Company maintains proactive monitoring of commercial bribery risks, where necessary establishing audit teams (with audit team leader designated by the President) to initiate anti-bribery investigations. Throughout the Reporting Period, the Company conducted 1 specialized audit addressing corruption risks.

CASE ISO 37001 Certification Attainment

In 2024, REPT BATTERO has officially obtained the ISO 37001 Anti-Bribery Management Systems Certification, covering the design, production, and assembly processes of battery and energy storage systems. This ensures business operations comply with international anti-corruption standards.



REPT BATTERO ISO 37001 Anti-Bribery Management Systems Certification

We require employees to comply with laws and regulations, actively practice corporate values and compliance standards, and adopt a zero-tolerance policy toward any violations. To ensure the entire Company maintains high standards of business ethics compliance, we specifically emphasize employees' obligation to report violations. This whistleblowing mechanism not only facilitates the identification and rectification of potential violations but also fosters an open and transparent internal culture. We have established reporting channels for external suppliers, employees, and other stakeholders to lodge complaints or report violations. Upon verification of substantiated reports, we will initiate accountability procedures in accordance with relevant policies, impose stringent disciplinary actions, and communicate the outcomes to all employees as a deterrent.



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Concurrently, we have explicitly established necessary protections for whistleblowers within internal procedures, enforcing strict confidentiality of whistleblower identities and reported information. Any individual found disclosing whistleblower identities or retaliating against whistleblowers will face dismissal, termination of employment, and referral to judicial authorities for legal prosecution in cases violating potential legal consequences under national legal regulations. During the Reporting Period, zero concluded corruption litigation cases involving the Company or employees were recorded.

We are committed to cultivating compliance-driven operational awareness among employees through diversified integrity training programs, continuously enhancing business ethics, and anti-corruption education initiatives. Employees are required to diligently study and adhere to compliance requirements relevant to their roles, while actively participating in mandatory training.

During the Reporting Period, the Company conducted 9 specialized offline training sessions on business ethics, covering anti-corruption and integrity promotion, with 1,075 cumulative participant engagements. Concurrently, we emphasized integrity awareness at the Board level by delivering anti-corruption training to all executive directors. Beyond enhancing internal ethical standards, we formally communicated integrity compliance requirements to suppliers, driving industry-wide ethical advancement.

During the Reporting Period

9

Conducted 9 anti-corruption and integrity promotion business ethics specialized training sessions

1,075

Achieved 1,075 participant engagements

100%

Attained 100% anti-corruption training coverage rate for directors

0

Recorded 0 corruption litigation cases



Integrity-Focused Compliance Seminar

Information Security and Privacy Protection

Information Security Management System

The Company places paramount importance on the maintenance and advancement of computer systems and network infrastructure. Through these systems, we monitor daily operations across production facilities, while securely collecting, processing, and storing data pertaining to clients, business partners, and employees—including personal identifiers and transactional records. Consequently, systematic maintenance and technological upgrades of these infrastructures remain operationally critical.

The Company strictly complies with the *Personal Information Protection Law of the People's Republic of China*, *Data Security Law of the People's Republic of China*, *Cybersecurity Law of the People's Republic of China*, and the *EU GDPR*, and has established internal regulatory documents including the *Information Security Management Manual*, *Information Security Risk Management Procedures*, and the *Data Security Governance Procedures*. The Information Security Management System scope covers the design and production of battery and energy storage systems, implementing measures such as information asset management, risk assessment, and security controls, while incorporating additional mechanisms for information asset classification, data encryption management, and security incident response to ensure cybersecurity strategies are precisely matched with business requirements.

The Company has obtained ISO 27001 Information Security Management Systems Certification and TISAX certification—the automotive industry-specific information security assessment standard endorsed by the German Association of the Automotive Industry.



ISO 27001 Information Security Management Systems Certification

Information Security Technology

Ensure terminal security:

- Desktop management system, control of computer's Bluetooth and USB interfaces to prevent data leakage
- Encryption system, specifically protecting documents in R&D systems

Manage internet behaviors:

- Manage employee internet activities through security policies to prevent accessing illegal websites and cloud storage. All core business data can only be accessed via a bastion host. The IT department regularly reviews operation records to enhance data security. Implement real-name authentication for computers, equipped with security control software and alert mechanisms to prevent unauthorized operations

Information Security Training

- During new employee onboarding training, the IT department collaborates with HR to conduct information security-focused training.
- The company organizes two annual organization-wide specialized trainings: network information security training, and information security and trade secret protection training, to continuously improve employees' security awareness and prevention capabilities.
- The company documents and evaluates each employee's training duration and completion status, and creates short-answer questions after training to further ensure training quality.

To protect the privacy of employees and clients, the Company binds all onboarding computers to the corporate system. When employees leave their positions, the IT Department is responsible for retrieving the computers and ensuring the handover materials are transferred back to the relevant departments. Subsequently, the computers will be completely wiped before redeployment to eliminate potential risks of leaking employees' personal information or client data.

Information Security Systems

To manage data more efficiently and safeguard business development through information security, the Company has implemented a series of systems. Through the synergistic interactions of these systems, we are able to adapt to evolving business environments, enhance precision in business process control, and maintain competitive advantages in the market.

ERP System (Enterprise Resource Management System)	We use the ERP system to integrate business information and intelligence for convenient management. Through data statistics, analysis, and intelligent processing of sales, production, procurement, and finance, we achieve more efficient decision-making and more effective management.
MES System (Manufacturing Execution System)	We use the MES system to exchange data with equipment, record product manufacturing process data in databases, trace data from production planning to shipment, and control production quality through process logic. By integrating with the ERP system, the MES system provides production data analysis for management decisions.
PLM System (Product Lifecycle Management System)	The PLM system provides a comprehensive collaborative R&D management platform for project management, R&D design, and technical documentation. A product's lifecycle is controlled from the project proposal to mass production. The system defines each project stage, 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, corrective actions, as well as task allocation and management for each stage, enabling more rational management of each product.
OA System (Office Automation System)	The OA system facilitates cross-department collaboration and cross-system connectivity. For personnel attendance management, we use this system to handle employee recruitment, resignation, abnormal changes, attendance calculation, etc. It also supports meeting reservations, communication, knowledge management, and visitor registration, making office operations easier and more efficient.
WMS System (Warehouse Management System)	The WMS system includes functions such as receiving, shipping, transferring, and management, integrating batch management, material management, inventory counting, and real-time stock management. It effectively controls and tracks logistics and cost management throughout the entire process, achieving comprehensive warehouse management.
WCS System (Warehouse Control System)	The WCS serves as a warehouse control system to monitor equipment operations and working status in real time. On one hand, it interacts with the WMS system, receives instructions from the WMS system, and sends them to the PLC system to drive conveyor lines for corresponding operations. On the other hand, it reflects the real-time status and data of the PLC system, providing interface debugging and invocation for the PLC system and transmission lines.
SRM System (Supplier Relationship Management System)	The SRM system constitutes a business strategy for managing enterprise-supplier relationships, aiming to optimize procurement processes while ensuring supply chain stability and efficiency. Through digitalization, it facilitates the establishment, maintenance, and development of collaborative partnerships between enterprises and suppliers. This system enables equitable and transparent, collaborative governance, precision-driven and efficient supplier management, achieving synergistic effects across the supply chain.

Moving forward, the Company will intensify investments in the information security domain to further refine relevant policies and technologies, thereby elevating the overall information security governance framework. In response to emerging cybersecurity threats, the Company will enhance its vigilance to dynamically adjust and strengthen information security management initiatives. Additionally, the Company plans to implement enhanced security audits for external partners and suppliers, ensuring the integrity of the entire business ecosystem. Concurrently, we are committed to establishing a secure and reliable digital workplace environment, maximizing protection for corporate data, as well as the privacy rights of employees and clients.

Excellence in Quality, Driving Innovation

Corresponding Material Issues:

- Product Quality & Safety
- Customer Relationship Management
- Intellectual Property & Protection
- Product R&D & Innovation
- Industry Collaboration



R&D and Innovation

REPT BATTERO persists in innovation-driven sustainable development, delivering high-quality and high-performance battery products to serve clients while leading the new energy battery industry through technological excellence. Oriented by end-user value demands, the Company consistently upholds the philosophy of "Innovation-Driven, Green Energy", leveraging its proprietary cutting-edge green technologies to continuously optimize new energy battery products. By strengthening R&D team management, the Company attracts and cultivates high-caliber professionals in the green energy sector, injecting innovative momentum into industry advancement. Moving forward, REPT BATTERO will deepen its expertise in new energy battery and system technologies, seize clean technology opportunities, and propel global low-carbon transition.

R&D Innovation System

We continuously allocate resources to explore cutting-edge technologies, rapidly respond to market demands, and consistently launch cost-effective products. In 2024, REPT BATTERO invested a total of RMB772.95 million in R&D expenses.

CASE Establishment of Yangtze River Delta Research Institute

In December 2024, REPT BATTERO established the Yangtze River Delta Research Institute to strengthen the Company’s “product competitiveness” and “innovation capabilities”, drive breakthroughs in new energy technologies, and support the global energy transition. With the inauguration of the institute, the Yangtze River Delta Research Institute Special Development Fund was concurrently launched, dedicated to scientific research and innovation, talent development, technology commercialization, and deepened industry-academia-research collaboration, injecting new momentum into the global green and low-carbon transition.



Inauguration Ceremony of REPT BATTERO Yangtze River Delta Research Institute



R&D Team

REPT BATTERO recognizes that talent is the primary resource for innovation. The Company has built a high-caliber R&D team through continuous recruitment of professional R&D talent, establishment of systematic talent development mechanisms, and optimization of incentive systems. By setting up core R&D centers in Shanghai, Wenzhou, and Jiashan, REPT BATTERO has established a cross-regional collaborative innovation framework and drives breakthroughs in new energy battery technologies through an efficient information-sharing platform.

In 2024, the Company further solidified its industry leadership by implementing an Employee Incentive Program, actively advancing efforts in talent development, innovation-driven incentives, and team-building initiatives. Leveraging exceptional innovation capabilities and robust R&D platforms, REPT BATTERO is committed to driving technological breakthroughs in power battery systems, fostering industry chain development, and accelerating green energy adoption, thereby contributing to the achievement of Sustainable Development Goals.

Development of REPT BATTERO 's Innovative R&D System



Talent Introduction & Cultivation

- Continuously introduce professional research talents
- Establish systematic talent cultivation mechanisms
- Optimize the talent development system, covering fields such as energy storage system integration, battery energy storage equipment integration, mechanical engineering, thermal energy, electronic and electrical engineering, and embedded programming
- Strengthen training systems: refine the basic training manual for new employees, implement new technology sharing programs, and establish regular experience-sharing mechanisms



Talent Development & Incentives

- Implement echelon training strategies, encourage employees to enhance capabilities and academic qualifications through external resources
- Set up incentive mechanisms such as patent bonuses to drive technological accumulation
- Host annual technological innovation conferences; establish million-dollar special awards and other incentives
- Promote on-the-job continuing education; 5 members of the Cell Technology Department promoted to Senior Engineer titles in 2024



Technological Innovation & Support

- Establish a cross-regional collaborative innovation framework (Shanghai, Wenzhou, Jiashan R&D Centers)
- R&D center functions: comprehensive laboratories integrating material R&D and application, cell and system process development, and testing/verification
- Advisory team: composed of national-level experts including academicians, researchers from the Chinese Academy of Sciences, and renowned university professors
- Key laboratories and engineering centers: Liuzhou Key Laboratory and Liuzhou Engineering Technology Research Center

R&D Team Size

1,249

Total of personnel

of whom

452

hold a Master's degree or higher

R&D Innovation Outcomes

Through material innovation, battery design optimization, production process refinement, and equipment upgrading, REPT BATTERO actively advances the commercialization of next-generation products. Our products demonstrate outstanding characteristics including high volumetric energy density, superior gravimetric energy density, excellent compatibility, extended cycle life, enhanced safety, advanced fast-charging technology, comprehensive battery management system solutions, and high system utilization rates, effectively addressing diversified market demands.

In 2024, the Company continues to deepen technological innovation through its dual-drive strategy of "Green Energy + Smart Manufacturing", propelling technological breakthroughs and industrial upgrading in energy storage and power battery sectors. With increased R&D investment, we have developed new energy vehicle power systems and intelligent energy storage solutions that comply with multiple global market standards and national certifications, further optimizing product safety, energy density, cycle longevity, and charging efficiency.

Innovative Advancements in Energy Storage System Technologies:

- Standard 20-foot container-based 5MWh energy storage battery cabins have become one of the industry's first products certified to EU and US standards. The platform has been expanded to develop serialized solutions compliant with GB (China), UL (USA), IEC (EU), and AS/NZS (Australia) technical specifications, meeting requirements across major global markets.
- Pioneered energy storage modules with fully parallelized flow channel architecture, achieving minimized temperature differentials at module and cabin levels through current-limiting technology. The module's liquid cooling system employs bi-directional shutoff valve-controlled fluid connection technology, enabling hot-swappable maintenance at project sites without coolant drainage or refilling. This innovation enhances maintenance efficiency, reduces system downtime by 43%, and improves online availability of energy storage equipment.
- Implemented integrated grouping solutions to boost system compactness, simplifying module assembly processes by 30% while improving manufacturing efficiency. Reduced mechanical-electrical connections enhance long-term interconnect reliability.
- Developed five-tier proactive detection mechanisms (Temperature/Valve/Pressure/Electrical/Cloud monitoring) at module level for accurate early warning of thermal runaway risks. Combined with "Three Barriers + One Isolation" passive containment strategy to suppress thermal propagation. Implemented module-level fire protection systems exceeding national safety standards.
- Adopted four-level circuit breaking protection architecture (Cell-Pack-Cluster-Cabin) with full-system short-circuit protection coverage.
- Engineered multi-scenario high-modality structural designs ensuring product stability during land/sea transportation, tip-over, drop, collision, and seismic events. Rigorous testing confirms zero secondary hazard risks under extreme conditions.

Pioneering Cell Technology Advancements:

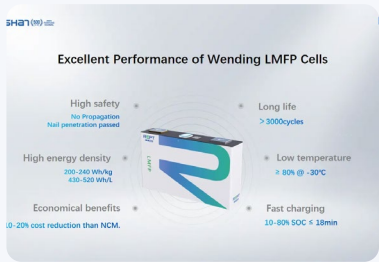
- Through cutting-edge technological innovations and electrochemical system upgrades, the Company has launched next-generation PHEV battery cells and ultra-fast charging cells, introducing novel products in the energy storage and commercial vehicle sectors that significantly expand its product portfolio.
- Semi-solid-state batteries have commenced vehicle integration trials, with advanced chemical architectures progressing toward commercial deployment.

Innovative Evolution in Power Battery Systems:

- Achieved volume production and commercial deployment of direct cooling systems, enhancing product competitiveness.

CASE Debut at Paris Motor Show

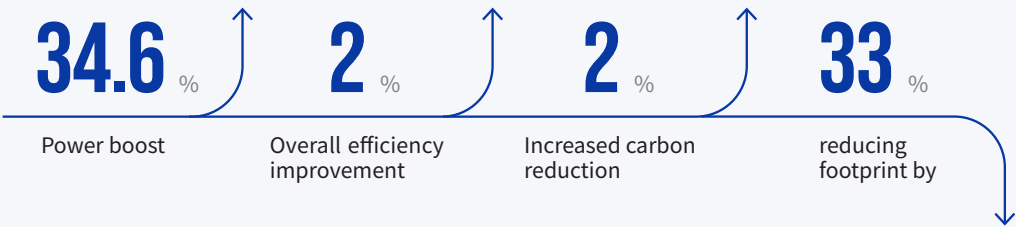
In October 2024, REPT BATTERO made its inaugural appearance at the 90th Paris Motor Show, showcasing the latest lithium manganese iron phosphate cell technology, GREEN CTP battery pack technology, and the GREEN BANK battery pack dedicated for plug-in hybrid electric vehicle models. These products comprehensively demonstrate the Company's full-chain technological innovation capabilities from cell chemistry systems to system integration, as well as its diverse product portfolio, highlighting its end-to-end innovation strength from cells to integrated systems.



REPT BATTERO Participated in the 90th Paris Motor Show

CASE Wending® New-Generation Energy Storage Cells Drive Energy Conservation and Emission Reduction

In 2024, REPT BATTERO Energy's Wending® Energy Storage Cells achieved significant technological upgrades. The Company launched 392Ah and 587Ah energy storage cells, further enhancing system energy density to provide more efficient and stable technical support for global large-scale energy storage systems. The new-generation cells increased standard cabin-installed energy capacity to over 6MWh—a 34.6% improvement compared to previous models—while optimizing land use efficiency by reducing footprint by 33% in equivalently scaled power stations. Additionally, whole-system efficiency improved by 2%, synchronously boosting carbon emission reduction by 2% in comparable installations, significantly enhancing the energy-saving and environmental advantages of energy storage equipment.



Wending® Series Batteries

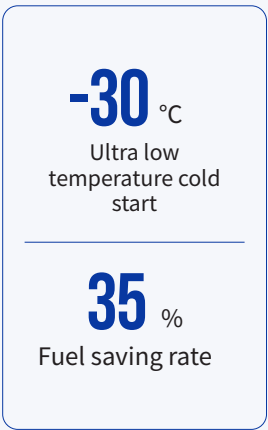
CASE GREEN CTP Structure Empowers Low-Carbon Industrial Development

REPT BATTERO has introduced the GREEN CTP system design for passenger vehicles, which achieves detachability through an adhesive-free structure, enhancing space utilization and energy density, reducing initial costs, and facilitating maintenance and recycling. This innovation strengthens circular utilization capabilities, demonstrating the Company's environmental commitment. The technology boasts broad applicability, extending beyond passenger vehicles to domains such as commercial trucks and heavy-duty vehicles, delivering safe, efficient, high-return, and eco-friendly solutions that have earned strong market recognition.



CASE Green Emission Reduction Solution for Plug-in Hybrids – GREEN BANK Series

In response to the rapidly growing plug-in hybrid electric vehicle (PHEV) market, REPT BATTERO has introduced the GREEN BANK Series—customized battery packs specifically designed for PHEVs. The GREEN BANK Series offers 10-55kWh capacity options to meet diverse range requirements, enabling over 35% fuel efficiency improvement compared to conventional fuel-powered models. Featuring superior low-temperature performance, these battery packs achieve ultra-low-temperature cold start at -30°C.



CASE High-Rate Ultra-Fast Charging Battery Products

REPT BATTERO has advanced the industrial application of high-rate ultra-fast charging batteries in 2024. Combining the Wending® structure, this product achieves breakthroughs in charging speed (10%-80% SOC charging within 10 minutes), energy density (190Wh/kg for LFP systems, 260Wh/kg for ternary systems), and safety performance. Its ultra-fast charging capability reduces charging time to under 12 minutes, significantly minimizing user waiting periods. The product also delivers high-power output and long-range performance.



Intellectual Property Protection

REPT BATTERO has established a comprehensive intellectual property management system in accordance with the national standard GB/T 29490-2023, further refining and enhancing relevant policies based on the Company's operational realities. REPT BATTERO strictly adheres to the legal frameworks of the *Patent Law of the People's Republic of China*, the *Trademark Law of the People's Republic of China*, and the *Copyright Law of the People's Republic of China*. Through the development and implementation of institutional documents including: the *Intellectual Property Manual*, the *Intellectual Property Compliance Management Regulations*, the *Patent Management Regulations*, the *Trademark Administration Rules*, the *Internal Audit Procedures for Intellectual Property Compliance Systems*, and the *Management Review Protocols for Intellectual Property Compliance Systems*, the Company ensures strict compliance with national and industry standards in the creation, utilization, and protection of all forms of intellectual property.



Intellectual Property Management
System Certification Certificate GB/
T29490-2023

In 2024, REPT BATTERO further strengthened intellectual property risk management by integrating rights protection mechanisms into all business processes. Through feedback from the Market Sales Department, the Company promptly identifies potential infringement issues, mitigating risks of IP disputes at the source. Within the internal R&D system, we conduct IP searches and risk assessments for each product starting from the project initiation phase, ensuring infringement risks are avoided at every design and development stage.

The Company has established a dedicated intellectual property department as a structural safeguard for intellectual property protection, ensuring both the protection of its own intellectual property and compliance to avoid infringing others' rights. The department's core responsibilities span six key domains:

Intellectual Property Creation, Protection, Utilization, and Management	Establish and Improve Intellectual Property Management System	Intellectual Property Training and Promotion
Includes application, maintenance, licensing, transfer, enforcement, and other IP-related operations.	Develop company IP management regulations, standardize the management, use, protection, and creation of IP, enhance the company's IP value and core competitiveness.	Organize internal employee training and awareness programs to improve IP literacy and professional capabilities, promote standardized and institutionalized IP management.

Coordinate with IP-Related Departments

Collaborate with R&D, manufacturing, marketing, and other departments to advance corporate IP management.

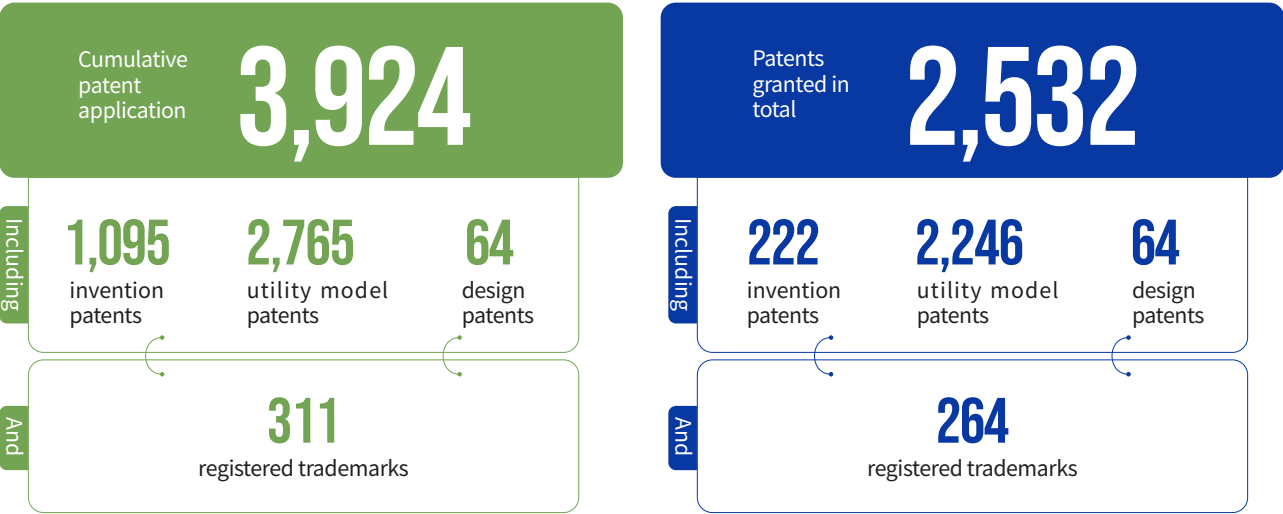
Conduct Intellectual Property Research

Perform patent mining, patent analysis, trademark portfolio planning, etc., to support technological innovation and market competition.

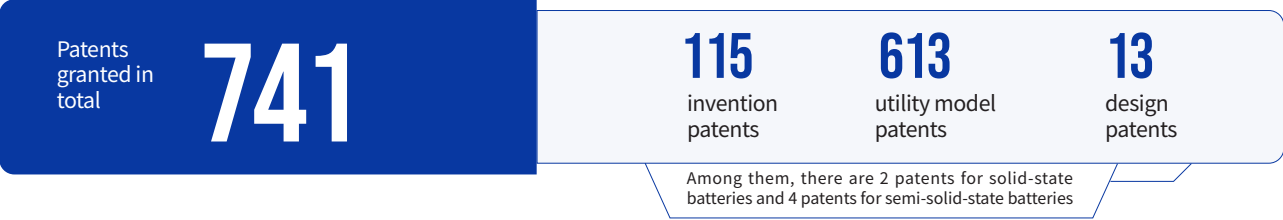
Participate in IP Dispute Resolution

Engage in handling corporate IP disputes and provide legal support/services for resolving IP-related issues.

As of the end of the Reporting Period:



During the Reporting Period:

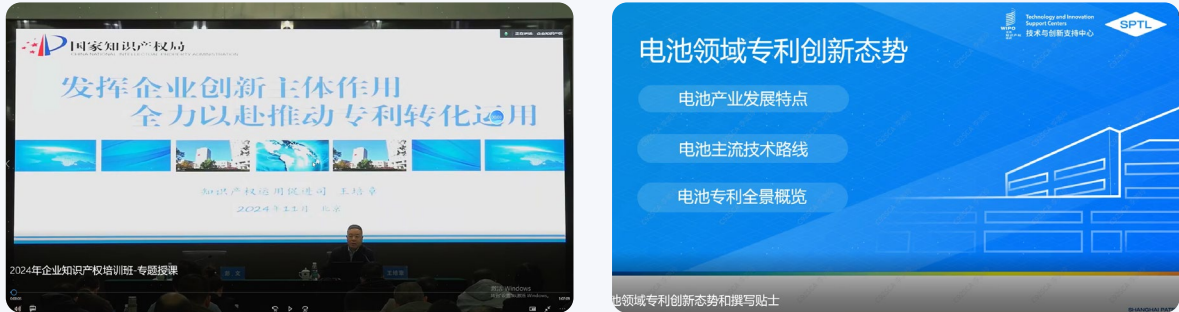


REPT BATTERO recognizes the critical importance of intellectual property education and training in enhancing employees' innovation capabilities and protection awareness. The Company implements the *Intellectual Property Education and Training Management Regulations* to provide regular professional IP training for employees, helping them better comprehend corporate IP policies and strategies, while ensuring the effective execution of the Company's intellectual property management system.

REPT BATTERO continues to advance employee professional competency development in the IP field. By integrating external platforms with internal training programs, the Company strengthens employees' expertise in technological innovation, patent protection, and practical implementation skills.

CASEIntellectual Property Education and Training

During the Reporting Period, REPT BATTERO conducted multi-tier intellectual property education through the "Shanghai Pudong New Area Intellectual Property Micro-lecture Series" for R&D employees, achieving participation from 56% of the Company's R&D workforce. Additionally, the Company organized over 20 internal IP training sessions, effectively enhancing employees' awareness of intellectual property protection.



Intellectual Property Training

CASEIntellectual Property Day Awareness Campaign

During the Reporting Period, REPT BATTERO launched the "26 April Intellectual Property Day Awareness Week" campaign, attracting participation from over 500 employees. The event included quiz competitions, interactive sessions, and incentive rewards, aiming to deepen employees' understanding of intellectual property importance and strengthen internal IP protection awareness. Additionally, the Company added IP-related books to self-service book borrowing stations, providing employees with accessible learning resources.



Intellectual Property Day Awareness Week

Industry Advancement Initiatives

REPT BATTERO has consistently upheld the responsibility and commitment of an industry leader, actively participating in various industry associations and deeply engaging in the formulation and refinement of industry standards. Through close collaboration with industry experts, peer enterprises, and research institutions, the Company has not only facilitated the implementation of multiple critical standards but also provided comprehensive support for the healthy and sustainable development of the entire industry.

Industry Associations Participated In

Standard Names

- Hangzhou Energy Storage Industry Association
- China Automotive Power Battery Industry Innovation Alliance
- China Industrial Association of Power Sources
- China EV100 EESA Energy Storage Leaders Alliance
- Shanghai New Energy Industry Association

- Lithium-ion Batteries for Electric Power Storage, Standard No.: GB/T 36276-2023
- Technical Specifications for Sodium-ion Batteries in Electric Power Storage Stations, Standard No.: GB/T 44265-2024


Furthermore, in 2024, as a member of the Global Battery Alliance (GBA), REPT BATTERO collaborated with industry peers and partners at the GBA Annual Conference to discuss key topics such as battery passport, due diligence, and product carbon footprint.

CASE

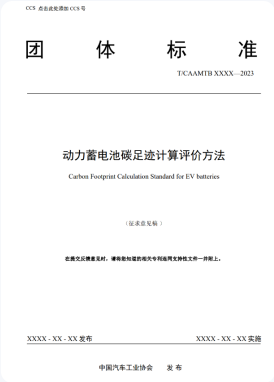
Participation in the Launch Event of the Power Battery Carbon Footprint Platform

In November 2024, REPT BATTERO participated in the "Quantification Methods and Requirements for Carbon Footprint of Power Battery Products" Group Standard Interpretation and Power Battery Carbon Footprint Platform Launch Event, organized by the China Automotive Power Battery Industry Innovation Alliance. The event brought together over 100 experts from industry partners, universities, research institutes, and other stakeholders to discuss standardized methodologies and practical applications for quantifying the carbon footprint of power batteries.

The launch of the Power Battery Carbon Footprint Platform will provide the power battery industry with one-stop services for carbon footprint accounting, assessment, and management, supporting the industry's transition toward low-carbon practices.



Launch Ceremony of the Power Battery Carbon Footprint Platform



Group Standard for Carbon Footprint Calculation and Evaluation Methods of Power Batteries

CASE

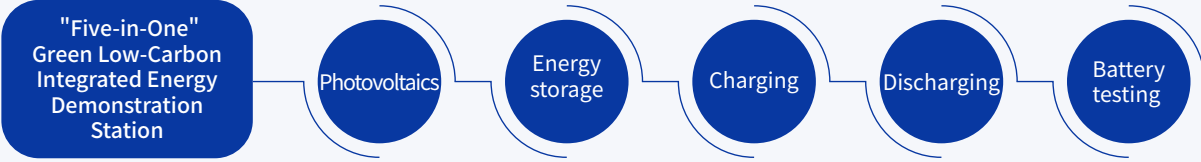
Supporting Green Transformation in Steel Mills


In 2024, the 30.09MW/60.18MWh user-side energy storage power station project at Zhenshi Group Eastern Special Steel, equipped with energy storage systems provided by REPT BATTERO, was officially connected to the grid. The project adopts a string-level energy storage architecture and utilizes a "one-cluster-one-management" operational approach to enhance the balance and charge-discharge efficiency of battery packs. Additionally, its high-efficiency thermal management system improves temperature uniformity, extends battery lifespan, stabilizes system operation, and effectively reduces grid impact, providing robust support for the green transformation of China's steel industry.

CASE


Promoting the Construction of a "Five-in-One" Green Low-Carbon Integrated Energy Demonstration Station

In 2024, REPT BATTERO's energy storage systems were deployed in Wenzhou's first "Five-in-One" Green Low-Carbon Integrated Energy Demonstration Station, integrating photovoltaics + energy storage + charging + discharging + battery testing. Spanning over 7,000 square meters, the station utilizes a 3,000kWh energy storage integration system to establish three advanced application scenarios: source-grid, load-storage, and microgrid, achieving seamless interaction among energy flow, business flow, and data flow.







REPT BATTERO and Far East Holding Group Initiate Strategic Cooperation




REPT BATTERO Enters Strategic Partnerships with Red Sun Group, CSCEC, and Costar Biochemical




REPT BATTERO and Roypow Form Strategic Collaboration



REPT BATTERO and JUNGWOO Establish Strategic Partnership



REPT BATTERO and POWIN Sign 12GWh Cell Cooperation Framework Agreement

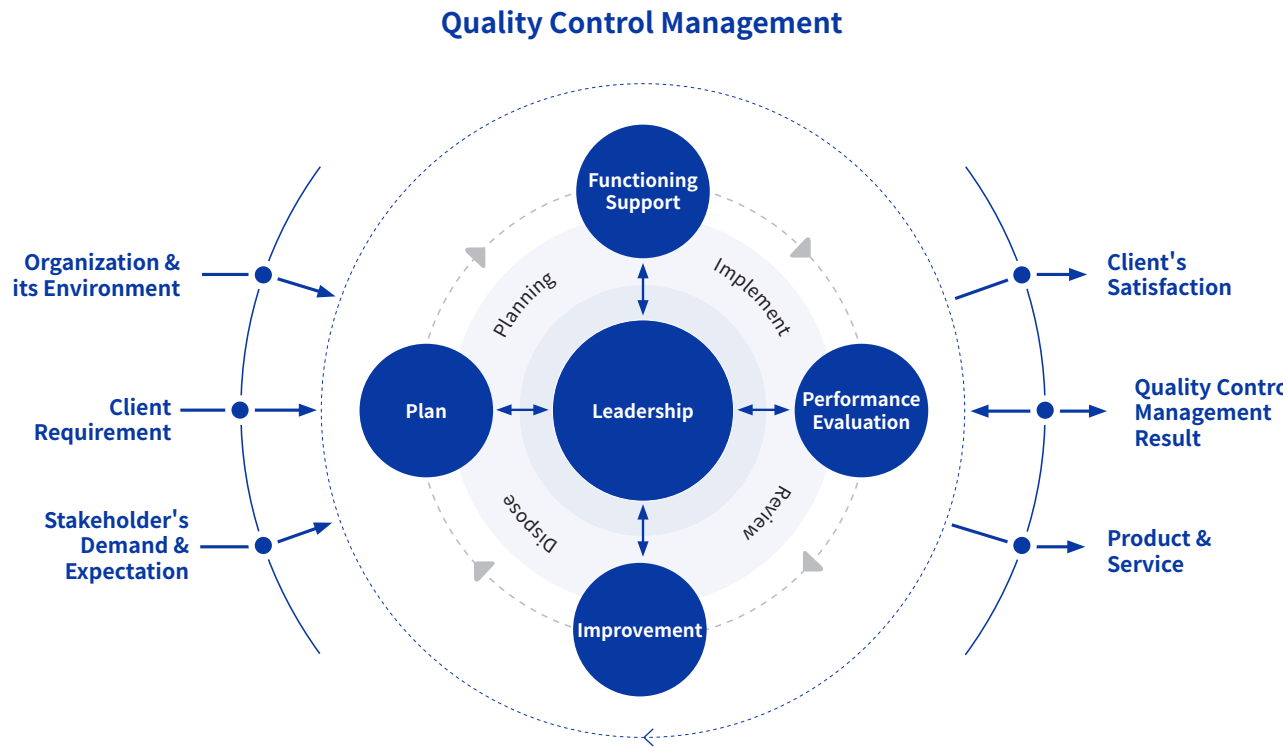


REPT BATTERO and Guangxi Liugong Machinery Annual Commercial Collaboration

Product Quality and Safety

Quality Management System

REPT BATTERO strictly adheres to domestic and international laws, regulations, and the latest system standards, including the *Electric vehicles safety requirements* and the *Cycle life requirements and test methods for traction battery of electric vehicle*. The Company has established internal procedural documents such as the *Product Audit Control Procedure* and the *Supplier Management Control Procedure* to ensure compliance with relevant legal requirements and customer expectations. Through continuous improvement in product quality and service delivery, REPT BATTERO strengthens customer trust and elevates the reliability of its offerings.



REPT BATTERO has obtained a series of quality-related system certifications, including ISO 9001 Quality Management System Certification, IATF 16949 Certification, and others.

Quality-Related Management System Certifications



The quality assurance management at REPT BATTERO is structured into six modules: Quality System Management; Quality Improvement Management; Project Quality Management; Supplier Quality Management; Process Quality Management; and After-Sales Quality Management. In 2024, the Company implemented a major upgrade to its quality management system, optimizing and integrating the quality management structures across four production bases. By establishing a Quality Center, REPT BATTERO has developed an operational model of "One Group + Four Bases", further enhancing quality control capabilities to achieve unified coordination and resource optimization.

Quality Assurance Management (QA)

Module Name	Main Content	Metrics
Quality System Management (SQA)	Establish and improve the company's quality management system, monitor the entire process of system operation, and continuously enhance operational effectiveness. Responsible for potential customer audits, internal/external audit responses, identifying system deficiencies, and driving continuous improvements.	<ul style="list-style-type: none">Third-party audit pass rateInternal audit completion rateDocument archiving timeliness rateManagement review on-time implementation rate
Quality Improvement Management (QIG)	Lead company-wide horizontal deployment efforts, break down engineering management barriers between manufacturing bases, and accelerate horizontal/vertical closed-loop management. Drive analysis and improvement of persistent quality issues ("chronic problems") to create value for the company. Lead error-proofing system development to enhance on-site quality control capabilities.	<ul style="list-style-type: none">Annual improvement value generated for the company
Project Quality Management (PQM)	Participate in new product reviews, identify potential customer complaint risks from a customer needs perspective. Lead second-party audits and quality agreement reviews. Track new product introduction processes and quality target achievement. Drive phase-gate reviews to prevent high-risk issues from escaping. Ensure PPAP documentation completeness.	<ul style="list-style-type: none">Second-party audit pass rateNumber of project development achievements
Supplier Quality Management (SQE)	Conduct potential audits for new supplier development and evaluate mass production quality capabilities. Lead mass production part approval process (PPAP/PSW). Negotiate raw material quality agreements and align supplier inspection plans. Oversee raw material testing, anomaly feedback, and closed-loop resolution.	<ul style="list-style-type: none">Purchased material batch qualification rate
Process Quality Management (PQE&QC)	Monitor in-process quality and close anomalies. Oversee finished product warehousing/shipping quality. Manage calibration, external maintenance, and MSA report analysis for metrology equipment. Lead process quality issue resolution and consistency improvement. Manage risks in incoming materials/processes/shipping.	<ul style="list-style-type: none">Cell yield rateModule/system yield ratePACK system yield rateInternal calibration/verification plan completion rateBatch mixing occurrences
After-sales Quality Management (ASS&CQE)	Manage field/OKM mass production customer complaint issues and provide on-site support. Participate in technical/quality agreement reviews. Handle market product repairs. Conduct customer product usage training. Manage third-party repair services and aftermarket parts sales.	<ul style="list-style-type: none">Number of client-side product safety failuresReturn rate (single cell)DOA/FFR failure rate (module & PACK)After-sales service satisfaction rate

During the Reporting Period, the Company’ s quality management system received high recognition both within and outside the industry, earning multiple awards.



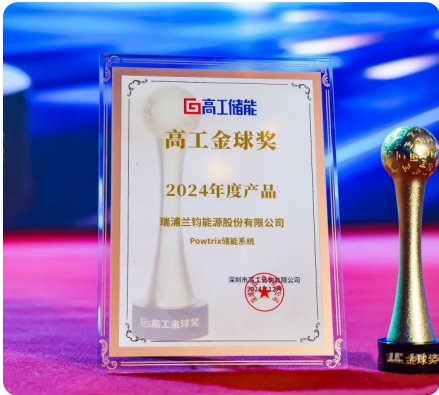
ZEEKR & VREMT 2024 Outstanding Delivery Assurance Award, 2024 Supplier "Quality Leap Award"



2024 Green Heavy-Duty Truck • Annual High-Quality Supporting Enterprise Award



2024 China Energy Storage Industry • Competitive Brands & 2024 China Energy Storage Industry • Top 10 Battery System Brands



2024 Gaogong Golden Ball Award • Annual Product

Product Quality Inspection

REPT BATTERO places high importance on product quality. Through periodic product performance testing, the Company strives to prevent, identify, and resolve potential quality issues before they occur, ensuring the reliability and trustworthiness of products and services delivered to the market.

The Company has established procedural documents for non-conforming product management, including the *After-Sales Service Procedure*, the *Non-Conforming Product Control Procedure*, and the *Customer Complaint Handling Procedure*. These documents define the disposal processes for non-conforming products, relevant post-sales handling steps, and prompt response to customer feedback, thereby ensuring product quality and enhancing customer satisfaction. REPT BATTERO implements full-process product quality inspection, conducts risk identification workflow during the development phase, performs periodic performance testing, and executes annual validation of market products. If products fail testing or the defect ratio exceeds the Company’ s established standards, the product recall procedure will be activated immediately.

Quality
Objective
Setting

- Set annual quality management goals at the beginning of each year based on product models and defect ratios
- Target for the reporting period: 0 product recall incidents
- Aim for zero product safety incidents

Product
Monitoring &
Early Warning

- Energy storage batteries and power batteries equipped with online battery monitoring systems to display quality-related metrics
- Partial clients grant access to monitoring systems for Reppu Lanjun
- Immediate notification to clients upon identifying potential risks

Quality
Control
Methods

- Monitor product characteristics in key manufacturing processes using MES and ERP systems
- Employ visual inspections, dual-frame X-ray surface density measuring instruments, and X-ray detection equipment
- Integrate MES systems with SPC fault detection criteria to enable statistical analysis and predictive quality control during production
- MES system supports multi-dimensional traceability and provides complete product information for rapid response when anomalies are detected

Intelligent
Manufacturing
& Digital
Control

- Deploy intelligent management systems (ERP, MES, WMS, WCS)
- Automatically collect data related to materials, equipment, personnel, logistics, and production environment
- Achieve automated production processes and digitized management
- Implement intelligent control technologies: automatic process route selection, product qualification verification, and defective product rejection
- Combine big data analytics and visual intelligence technology for real-time equipment diagnostics and early warnings
- Upload full production process data to MES, enabling end-to-end traceability by integrating shipment and after-sales information

2024, Percentage of total sold or shipped products requiring recall due to safety and health reasons: 0%



Organization-Wide Quality Awareness

REPT BATTERO formulates its annual quality training plan at the beginning of each year, delivering high-standard quality training to employees based on critical positions and required competencies. Upon completion of each training session, the organizing department conducts knowledge proficiency assessments for trainees and issues training effectiveness evaluation reports.

CASE

Quality Training & Enhancement

In 2024, the Company intensified quality training efforts by integrating multiple training systems, ensuring the deep-rooted implementation of quality management philosophies, covering multi-dimensional training content from engineering to manufacturing management:

Professional Quality Training: This year, the Company organized training sessions on 8D, MSC, SPC, and APQP targeting all engineers and quality management personnel, enabling employees to master industry-leading quality management tools and enhancing the refinement levels of production and management.

Quality Academy Establishment: In August 2024, the Company officially established the Quality Academy and released supporting teaching materials, collaborating with the Human Resources Department to advance the standardization and systematization of the Company's quality training system, ensuring all engineers receive professional quality training while elevating organization-wide quality awareness and technical competencies.

Customer Service Excellence

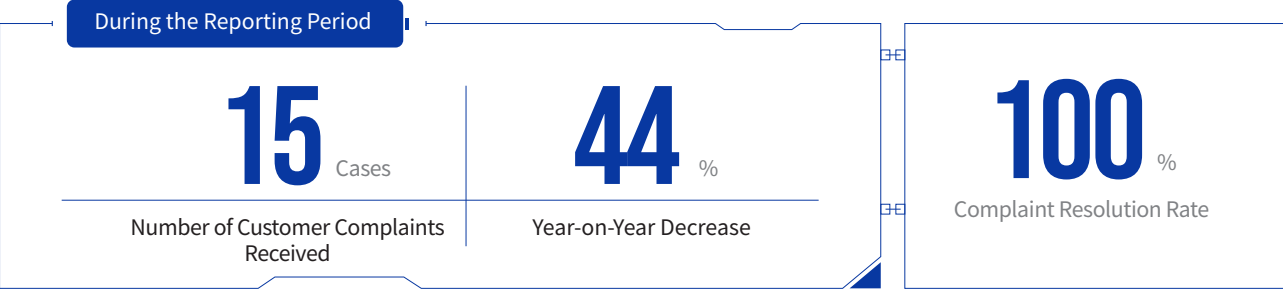
During the Reporting Period, the Company has strived to gain insights into customer demands and deliver exceptional customer service, focusing on enhancing customer satisfaction to continuously build and maintain robust partnerships with clients. In 2024, the Company further refined its customer service management system, establishing internal regulations and policies including the *Customer Service Management Regulations*, the *On-Site Maintenance Management*, the *Customer Satisfaction Spare Parts Management*, the *Customer Satisfaction Management Regulations*, the *Product Return & Replacement Process Management*, the *After-Sales Service Control Procedure*, and the *After-Sales Spare Parts Management Regulations*, providing institutional safeguards for elevating customer service quality.

The Company has established annual targets for after-sales management and tracks their fulfillment status. All 2024 after-sales service targets were fully met.

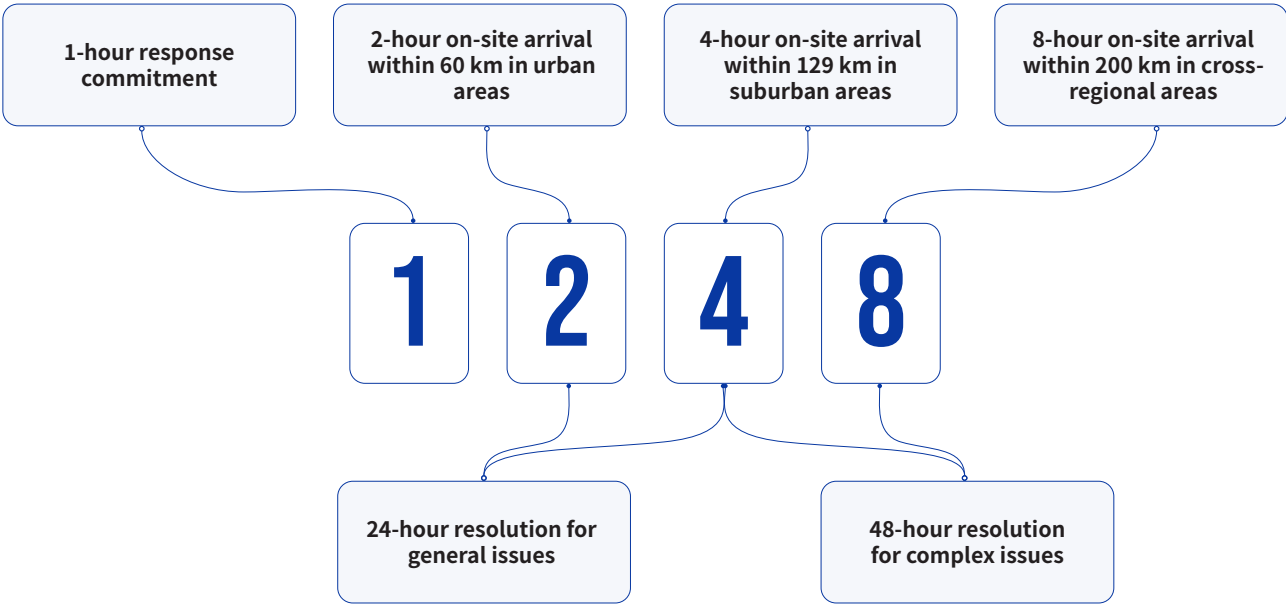


After-Sales Service System

Additionally, the Company has implemented after-sales service quality assurance mechanisms and after-sales spare parts management to ensure spare parts availability meets market repair timelines, further enhancing the reliability and satisfaction levels of after-sales services. The Company remains committed to optimizing service workflows, accelerating response speeds, and improving issue resolution efficiency to continuously advance after-sales service quality. During the Reporting Period, REPT BATTERO proposed the "1248" After-Sales Service Principle to comprehensively elevate after-sales service standards. During the reporting period, the Company received 15 customer complaints (a 44% decrease year-on-year), with a 100% complaint resolution rate.

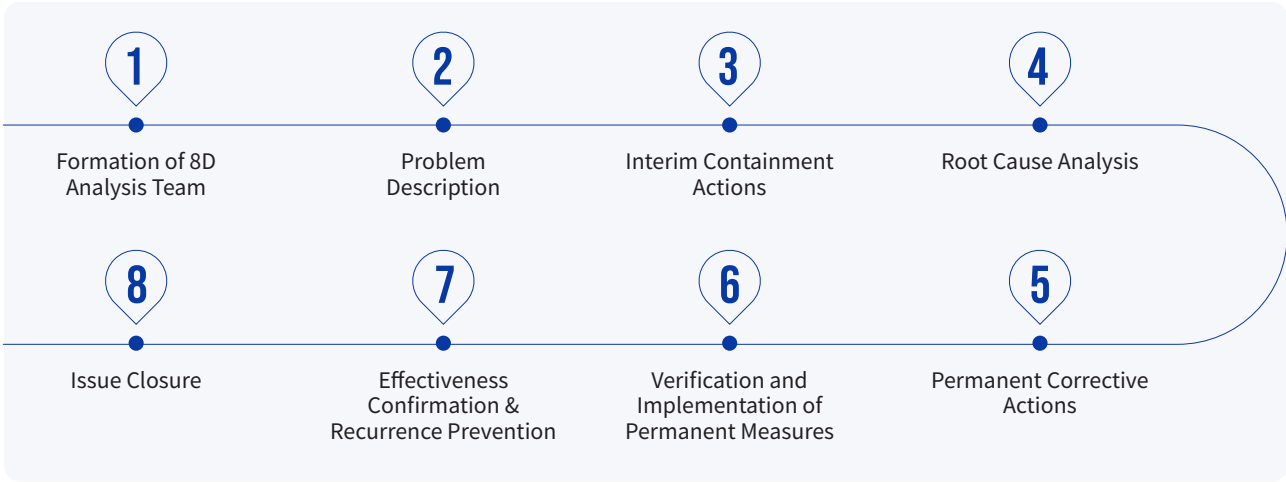


"1248" After-Sales Service Principle



For every customer complaint, the Company employs the 8D (Eight Disciplines) closed-loop resolution process to ensure timely and effective resolution of issues reported by customers.

8D Resolution Process Includes the Following Steps:



Green Guardianship, Sustaining Nature

Corresponding Material Issues:

- Climate Change Response
- Clean Technology Innovation
- Energy Stewardship
- Water Stewardship
- Emissions & Waste Management
- Circular Economy & Recycling
- Green Operations



Climate Change Mitigation

Climate Governance

REPT BATTERO has established a comprehensive climate governance framework to ensure the Company's capability in promptly identifying and addressing climate-related risks, strategically seizing low-carbon transition opportunities. This framework integrates climate governance into all operational aspects, thereby providing robust assurance for achieving sustainable development goals.



The Environmental, Social, and Governance (ESG) Management Committee oversees climate-related risks and opportunities annually at committee meetings to ensure the smooth progress of our climate initiatives and compliance performance.

To ensure the Board of Directors and ESG managers at all levels of the Company fully recognize and understand the potential impacts of climate change on the Company, the Company conducts climate-related training on an irregular basis. During the Reporting Period, the Company organized three professional training sessions encompassing climate-related content.

Time	Training Theme	Training Content	Participants
June 2024	"Evergreen Program" and Tsingshan Holding Group 2024 ESG & Sustainable Development Seminar	Participate in ESG-related training organized by Tsingshan Holding Group, including EU Battery Regulation, carbon footprint, etc.	<ul style="list-style-type: none">• Heads of major business departments
December 2024	Climate Change Response Special Training	External experts will explain new climate-related disclosure requirements and practical applications in the ESG Reporting Guide of HKEX	<ul style="list-style-type: none">• Senior management• Environmental, Social and Governance (ESG) working group
December 2024	2024 Organizational Greenhouse Gas Inventory Training	Training on organizational boundaries, scope boundaries, data collection, and emission calculation for greenhouse gas inventory	<ul style="list-style-type: none">• Plant Affairs Department Working Groups at All Bases• EHS Working Group



ESG and Climate-Related Professional Training

Climate Strategy

To effectively assess the impacts of climate change on the Company's business model and value chain while enhancing climate resilience, REPT BATTERO conducted an identification and analysis of physical risks and transition risks in 2024. This initiative was implemented in compliance with the updated climate-related disclosure requirements outlined in the *Environmental, Social and Governance Reporting Guide* and the *Implementation Guidance for Climate Disclosures under HKEX ESG reporting framework* of the Hong Kong Stock Exchange (HKEX). Through scenario-based evaluations, the Company systematically identified risks across short-, medium-, and long-term development horizons and formulated corresponding mitigation measures.

Climate Scenario Selection and Related Assumptions

Analysis Scope	The company's four bases located in Wenzhou, Jiashan, Liuzhou, and Foshan	
Selected Scenarios	Physical Risks	United Nations Intergovernmental Panel on Climate Change ("IPCC") (<i>Sixth Assessment Report</i> (AR6)) <ul style="list-style-type: none">• Very High Greenhouse Gas Emissions Scenario (SSP5-8.5)• Medium Greenhouse Gas Emissions Scenario (SSP2-4.5)
	Transition Risks	International Energy Agency ("IEA") (Global Energy and Climate Model 2022) <ul style="list-style-type: none">• Stated Policies Scenario (STEPS)• 2050 Net Zero Emissions Scenario (NZE)
Time Horizon	<ul style="list-style-type: none">• Short-term: 2030• Medium-term: 2050• Long-term: 2080	
Assumptions	<ul style="list-style-type: none">• An analysis is conducted in 2024, with the expectation that the locations of the assets will remain unchanged for a period of time.• The various mitigation measures implemented by the company will remain unchanged.	

REPT BATTERO has progressively formulated climate change mitigation and adaptation strategies based on climate-related risk and opportunity assessment outcomes, covering the entire lifecycle from R&D investment and production operations to the value chain. Throughout this process, we enhance energy efficiency through energy-saving & emission-reduction technologies and clean energy alternatives, while mitigating climate change via waste material recycling/reuse and rigorous control of production-related carbon emissions.



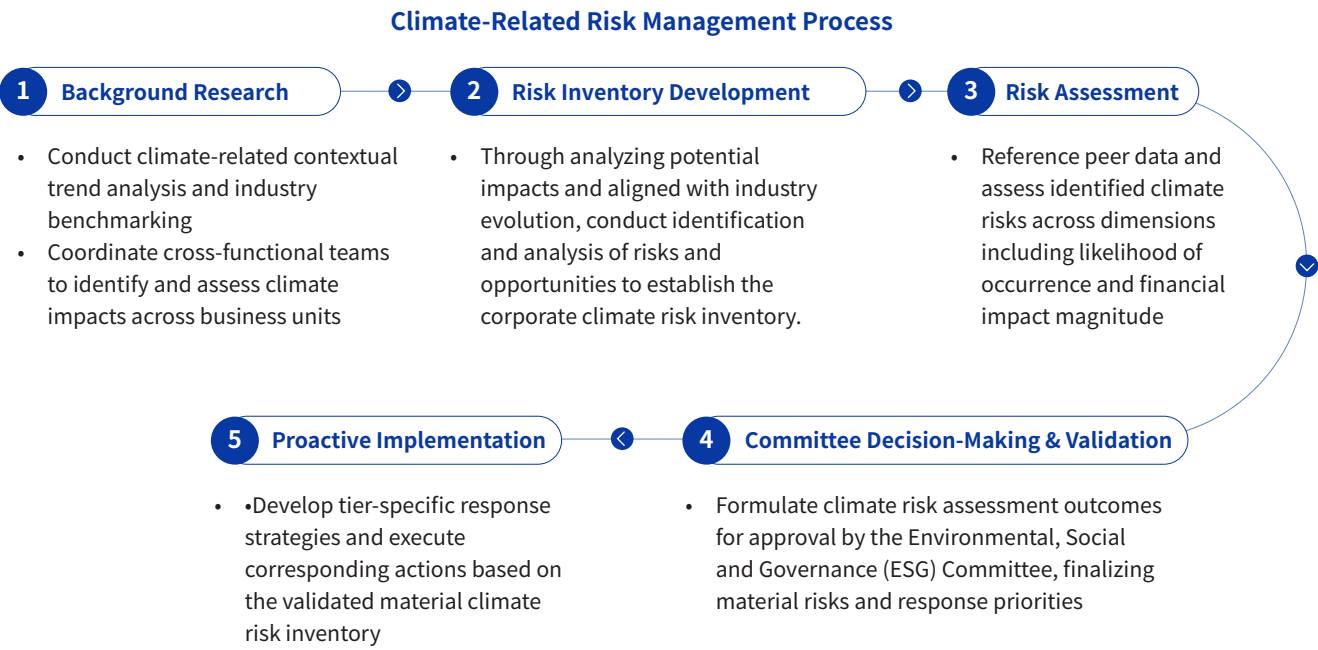
Risk Type		Risk Name	Impact on Business Model and Value Chain	Impact Duration	Potential Financial Impact	Response Measures
Physical Risk	Acute Risk	Extreme Weather Events	Typhoons, floods, heavy rain, and other extreme weather events may cause damage to production facilities, interrupt raw material supply, disrupt logistics, thereby affecting production schedules and product delivery	Medium-Long Term	Cost Increase Revenue Decline Asset Impairment	Assess frequency and intensity of extreme climate events in production base regions, develop targeted emergency plans
	Chronic Risk	Water Scarcity	Water scarcity may restrict production water usage, affecting production efficiency	Long Term	Cost Increase	Promote water recycling, construct rainwater harvesting and wastewater treatment reuse systems, reduce reliance on freshwater resources
		Sustained High Temperatures	Sustained high temperatures may increase energy consumption and equipment maintenance costs	Long Term	Cost Increase	Adopt energy-saving technologies and equipment, optimize production processes, reduce energy consumption, mitigate impact of high temperatures on production
		Sea Level Rise	Sea level rise may threaten the safety of coastal production bases	Long Term	Asset Impairment	Conduct risk assessments for coastal production bases, implement flood prevention and tide control measures such as constructing seawalls and elevating factory foundations
Transition Risk	Policy & Legal Risk	Increased carbon emission reporting requirements	Increased carbon emission reporting requirements, enterprises need to invest more resources in data monitoring and reporting	Short-Medium Term	Cost Increase	Establish a comprehensive carbon emission monitoring and reporting system to ensure data accuracy and completeness
		Strengthened carbon reduction regulations	Strengthened carbon reduction regulations, enterprises need to invest more resources to replace high-energy-consuming equipment and use clean energy to further reduce greenhouse gas emissions in production processes	Short-Medium Term	Cost Increase	Participate in carbon reduction technology R&D and application to improve production process carbon efficiency; use clean energy to reduce fossil energy usage
		Enhanced product carbon footprint supervision	Enhanced product carbon footprint supervision requirements may affect product market competitiveness	Short-Medium Term	Cost Increase	Monitor policy and regulatory developments, adjust production plans and product designs in advance to meet carbon footprint supervision requirements
	Technology Risk	New technology investment failure	New technology investment failure may lead to capital waste and market opportunity loss	Medium Term	Revenue Decline	Strengthen R&D and evaluation of new technologies to ensure technical feasibility and market prospects
		Low-carbon technology transition costs	High costs of low-carbon technology transition may increase corporate financial burden	Medium Term	Cost Increase	Develop reasonable low-carbon technology transition plans and implement them in phases

Transition Risk	Commercial/Market Risk	Increased raw material costs for low-carbon products	Increased raw material costs for low-carbon products may lead to price increases and affect market competitiveness	Medium Term	Cost Increase	Optimize supply chain management, improve raw material procurement and logistics efficiency; diversify supplier base to enhance resilience against price fluctuations
		Growing demand for low-carbon products	Growing demand for low-carbon products requires enterprises to quickly adjust production plans and supply chains, otherwise market opportunities may be missed	Medium Term	Revenue Decline	Strengthen market research, predict low-carbon product demand changes in advance, and rationally adjust production plans
	Reputation Risk	Reputation Risk	Reputation damage from climate-related negative events or improper conduct may lead to customer loss and market share decline	Medium-Long Term	Revenue Decline	Establish and improve a climate risk management mechanism to ensure proactive actions and compliance in addressing climate change

Opportunity Category	Opportunity Name	Impact on Business Model & Value Chain	Financial Impact	Response Measures
Resource Efficiency	Resource Efficiency Improvement	Reduce production costs and improve resource utilization efficiency by optimizing energy management and water recycling	Cost Reduction	Introduce advanced energy management systems for real-time monitoring and optimization of energy consumption; Construct water recycling facilities to improve water reuse rates
	Recycling & Reuse	Reduce production costs and improve resource utilization efficiency through material recycling and reuse	Cost Reduction	Implement material recycling and reuse programs to reduce waste emissions and lower raw material procurement costs
Energy Source	Renewable Energy Utilization	Increase renewable energy usage ratio, reduce dependence on traditional energy, decrease carbon emissions, and benefit from renewable energy subsidies and preferential policies	Cost Reduction	Install photovoltaic power generation equipment at production bases to meet partial electricity demand; Explore utilization methods for wind and hydro energy
Product/Service	Technological Innovation Opportunity	Develop low-carbon, environmentally friendly products/services to meet market demand for green products, enhance brand image and market competitiveness	Revenue Increase	Increase R&D investment in low-carbon products; Introduce green design principles to optimize product design and reduce lifecycle carbon emissions
Market	Market & Consumer Trend Change Opportunity	As market and consumer preferences increasingly favor low-carbon products/services, adapting to demand changes may boost sales volume, profitability, and market position	Revenue Increase	Closely monitor market dynamics and consumer demand shifts; timely adjust product/service strategies

Climate Risk Management

The Company persistently strengthens the development of its climate risk management framework. By refining processes for climate risk identification, assessment, and governance, we achieve precise detection of potential risks and formulate more targeted mitigation strategies.



During the Reporting Period, we conducted product carbon footprint accounting and obtained certification for products including aluminum-shell lithium-ion cells and power batteries using the GaBi database. Since 2022, the Company has carried out organizational-level GHG inventories for three consecutive years, and in 2024 initiated partial Scope 3 GHG inventory verification, with plans to progressively expand the coverage scope in the future.



2024 Product Carbon Footprint Accounting Certification Certificate

Climate Metrics

In 2024, as governments worldwide continued to intensify climate policies and set more stringent environmental targets to address increasingly severe climate challenges, REPT BATTERO reassessed its environmental strategy, established more ambitious targets, and proactively implemented climate action initiatives in response to this global trend.

The Company comprehensively collects, consolidates, and systematically manages climate-related metrics, while periodically reviewing annual climate action progress.

4,309,815 kWh Photovoltaic power generation	10,000,000 kWh Green electricity procurement	1.64 % Zero-carbon electricity usage percentage	4,212,862.03 tCO ₂ e Total greenhouse gas emissions
109,895.55 tCO ₂ e Scope 1 GHG emissions	493,906.24 tCO ₂ e Scope 2 GHG emissions	3,614,426.24 tCO ₂ e Scope 3 GHG emissions	13,299.31 tCO ₂ e GHG emissions per unit product ⁴ 39% a decrease of

4. Greenhouse gas emissions per unit product = (Scope 1 greenhouse gas emissions + Scope 2 greenhouse gas emissions) / Total production × 100%




Resource Stewardship

The Company has not faced significant environmental risks. We are committed to integrating the concept of low-carbon development into daily operations, establishing green and low-carbon factories, and fostering an energy-saving and environmentally friendly corporate culture to minimize environmental impacts. In environmental management, we strictly comply with relevant laws and regulations including the *Environmental Protection Law of the People's Republic of China*, the *Water Pollution Prevention and Control Law of the People's Republic of China*, and the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China*. We comprehensively identify risks and opportunities related to energy and resource usage, pollutant and waste management, as well as climate change, while continuously improving our environmental management performance. During the Reporting Period, the Company did not receive any material penalties from government authorities for non-compliance with applicable environmental laws and regulations in China.

We have established a comprehensive environmental management system, with all four production bases obtaining ISO 14001 Environmental Management System certification, achieving 100% certification coverage across operational production facilities. In the future, we will continue to implement green operation principles, comprehensively enhance environmental management capabilities, strive to reduce wastewater, exhaust gas, and waste discharge, optimize resource utilization structures, minimize energy and water consumption, and remain committed to building a sustainable enterprise.

Water Stewardship

All water used by the Company is sourced from municipal water supply, with no difficulties in water procurement. The primary purposes and water usage processes are as follows:

Purpose	Water Usage Links
 Production water use	Throughout the lithium battery manufacturing process, main water usage points include anode mixing, drying and heating, and environmental dehumidification.
 Auxiliary production water use	Involves boiler steam generation, pure water preparation, NMP distillation recovery water use, and NMP cooling recovery water use during lithium-ion battery manufacturing, but there is no wastewater discharge during the production process.
 Affiliated production	Mainly involves canteen water use, staff dormitory water use, restroom water use, etc.

REPT BATTERO has consistently adhered to the principle of "Water Conservation First", deeply integrating this philosophy into all aspects of water resources management. In compliance with national laws, the Company has established the *EHS Water Management Control Procedure* to minimize water resource waste and enhance utilization efficiency during production operations. During the Reporting Period, the Wenzhou Base formulated a three-year water usage target: Based on 2024 consumption levels, the water intake per unit product is projected to decrease from 36,568.8 t/GWh to 34,374.672 t/GWh between 2025 and 2027, achieving an overall 6% reduction.

Through comprehensive water conservation initiatives, the Company achieves an annual reduction of

≈ **385,600** t

Water resource usage

During the Reporting Period

47%

water consumption per unit product decreased

Institutional Development

- Strictly implement the local government's relevant annual water usage planning and management documents, continuously improve the company's water usage and conservation management systems and regulations

Equipment Management

- Strengthen the recycling of cooling water to improve its utilization efficiency;
- Install rainwater collection devices, which are treated through sedimentation as supplementary water for recycled systems and landscaping use, replacing part of the tap water to reduce fresh water consumption;
- Enhance equipment maintenance to reduce water resource waste

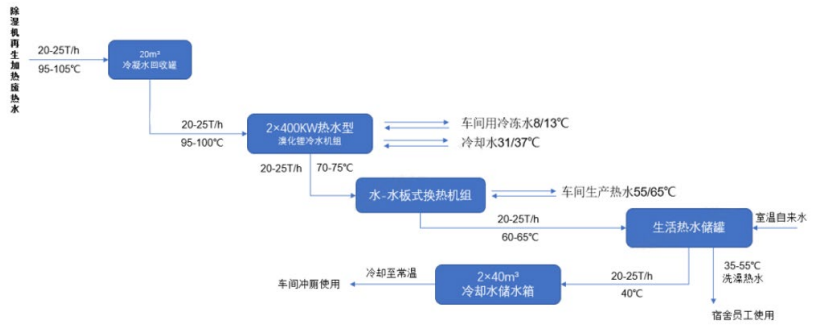
Awareness Enhancement

- Strengthen water conservation publicity and education; cultivate a positive water-saving culture



CASE Steam Condensate Recycling Retrofit Project

In 2024, Jiashan Base implemented the Steam Condensate Recycling Retrofit Project, recovering 81,470 metric tons of steam condensate throughout the year. This initiative reduced steam consumption by 4,960 cubic meters, effectively improving water resource utilization while lowering energy consumption.



Steam Condensate Process Flow Diagram

CASE Purified Water Station Cooling Water Recycling System

In 2024, Liuzhou Base installed a Concentrated Water Recycling System in its purified water station. Through centralized collection and supply to landscape water features, the system achieved an annual reduction of 10,443 metric tons in tap water consumption. Additionally, the upgrade transformed the original distillation system's direct wastewater discharge into a closed-loop reuse process, not only further reducing tap water usage but also eliminating environmental impacts from direct NMP solution discharge.



Concentrated Water Recycling System

Energy Stewardship

REPT BATTERO consumes energy categorized into direct and indirect sources. Direct energy includes gasoline, diesel, and natural gas, while indirect energy comprises purchased electricity (part of which is renewable energy derived from distributed photovoltaic power generation projects invested by third-party companies on our rooftops, supplied to the industrial park through a "grid-connected then off-grid" model) and steam (from the reuse of waste steam in biomass power plants, achieving efficient recycling and utilization of resources).

To progressively reduce energy consumption and carbon emissions during production and operations, during the Reporting Period, we implemented partial revisions to the *Energy Management Regulations*, advancing the optimization of our energy management system. In 2024, the Wenzhou Base, Jiashan Base, and Liuzhou Base have all obtained ISO 50001 Energy Management System certification, while the Foshan Base is currently in the active planning and construction phase.

During the Reporting Period, the energy-saving measures implemented in our production and operations are as follows:

Initiative	Purpose
Reasonable energy procurement, cost analysis and resource utilization	Effectively reduce energy expenditures
Adopt advanced energy-saving technologies and introduce high-efficiency equipment (such as rotary kilns)	Reduce energy consumption per unit of raw material production
Increase the proportion of renewable energy usage	Sustainable measures to ensure long-term energy supply

Through various energy-saving initiatives, the following annual reductions can be achieved:

2⁺ Mm³

Natural gas

50,00⁺ MWh

Electricity

During the Reporting Period

35[↓] %

Energy consumption per unit product decreased

CASE

Rooftop Photovoltaic Power Generation Project in Plant Area

In 2024, the Jiashan Base commissioned GT1 Photovoltaic (3.5 MWh) in October and GT2 Photovoltaic (4.1 MWh) in December. During the Reporting Period, the rooftop photovoltaic projects generated approximately 1,665.7 MWh of electricity, which was fully consumed by the Jiashan Base, contributing to a greenhouse gas emissions reduction of approximately 1,171.88 metric tons.



Rooftop Photovoltaic Projects

CASE

Innovative NMP Sampling Bottle Modification

In October 2024, the Foshan Base innovatively modified sampling bottles to address issues including distorted test results caused by environmental humidity interference, production stoppages for adjustments, and increased costs. The modification involved installing two switch-equipped valves on the bottle caps, ensuring sampling authenticity through nitrogen purging. Post-modification, the frequency of abnormal test results was reduced to zero, while monthly savings achieved include 45 metric tons of steam, 1,404 kWh of electricity, and 45 metric tons of reprocessed waste liquid, realizing dual-win outcomes in energy conservation and efficiency enhancement.

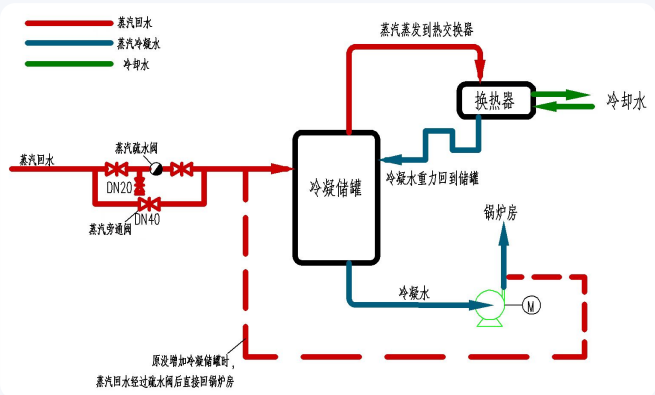


Modified NMP Sampling Bottles

CASE

Innovative Rectification Steam System Modification

In 2024, the Foshan Base innovatively modified the steam condensate recycling method to address issues including poor heat exchange efficiency in the original rectification steam return water system, steam pressure fluctuations, and significant resource wastage. The modified system directs steam through steam traps into the return water pipeline, which flows to the condensate storage tank; gaseous steam evaporates via the tank's top pipeline to the heat exchanger, condenses back into water, and gravity-feeds into the storage tank. When the liquid level reaches the preset value, the condensate pump automatically transfers water back to the boiler room. This modification stabilized steam network pressure, achieving recycling and reuse of water and thermal energy, thereby reducing energy consumption and environmental pollution.



Modified Rectification Steam System

REPT BATTERO not only commits to technological innovations in energy conservation but also prioritizes the enhancement of employees' energy-saving awareness and technical competencies. To strengthen organization-wide energy conservation consciousness, we regularly conduct specialized training programs focused on energy conservation and consumption reduction. These sessions encompass interpretation of national energy management policies, dissemination of the company's Energy Management Regulations, analysis of energy management objectives and metrics, as well as practical guidance on implementing specific energy-saving and emission-reduction initiatives.

Simultaneously, REPT BATTERO implements usage controls for air conditioning, elevators, lighting, and other equipment in office areas, mandates power shutdowns during production line stoppages to prevent equipment idling or no-load operation across all workshops, and encourages employees to actively practice energy conservation in daily office operations. During the Reporting Period, we replaced 18W lighting fixtures with 8W-10W lamps, significantly enhancing luminaire energy-saving efficiency.

In addition, we have implemented paperless office initiatives to reduce paper consumption; promoted the energy-saving practice of "Switch Off When Leaving, Power Down When Off" to eliminate energy waste; strictly enforced rational cooling and heating regulations based on temperature conditions to avoid excessive use of air conditioning systems; and partially deactivated elevators during holidays to further reduce energy consumption.



CASE

Intelligent Air Conditioning Control System Achieves High-Efficiency Energy Conservation Certification

During the reporting period, the intelligent air conditioning control system at Liuzhou Base obtained a Grade-1 Energy Efficiency Certification issued by the China Electronics Association. The High-Efficiency Plant Room Project was officially launched in January 2024, achieving efficient operation through optimized pipeline design, intelligent control systems, and precise energy metering. In 2024, the plant room recorded an annual comprehensive energy efficiency rating of 5.591, saving 25 million kWh of electricity compared to standard plant rooms with an efficiency rating of 3.5, thereby reducing carbon dioxide emissions by 14,257.5 metric tons.

Centralized Air Conditioning &
Refrigeration Plant Room – Grade-1
Engineering Energy Efficiency
Certification



CASE

Wenzhou Base Implements Circular Utilization of Returnable Packaging Materials

In 2024, Wenzhou Base adopted circular materials for packaging and transportation. Returned materials from customers, including plastic containers and metal racks, are cleaned and reintegrated into the production cycle for reuse.

Pollution & Waste Management

REPT BATTERO strictly complies with national and local regulations including the *Water Pollution Prevention and Control Law of the People's Republic of China*, the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China*, and the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes*, as well as environmental impact assessment requirements and industry standards. We continuously optimize the waste recycling system and prioritize the use of low-pollution raw materials. In accordance with relevant monitoring requirements, we conduct regular monitoring of general organic matter, noise, particulates, gas emissions, and liquid waste discharges, utilizing the monitoring data as critical evidence for continuous environmental protection improvements. All monitoring data is disclosed on provincial-level government websites as stipulated, enabling public oversight and facilitating periodic inspections by local environmental protection authorities.

Additionally, REPT BATTERO has established a comprehensive Emergency Response Plan for Sudden Environmental Incidents and conducts regular emergency drills for employees to enhance environmental incident response capabilities, ensuring that pollutants and waste do not leak into the environment under exceptional circumstances.

Raw Material Stewardship

The primary raw materials utilized by REPT BATTERO include cathode materials, anode materials, electrolytes, separators, and others.

The Company is committed to reducing raw material consumption, particularly the use of virgin materials, while continuously improving material utilization efficiency. In the electrode sheet design phase, REPT BATTERO has significantly reduced the dosage of auxiliary materials such as conductive carbon and binders through optimized design solutions for key materials, thereby lowering raw material consumption per unit cell capacity. Concurrently, the introduction of novel lithium salts with higher ionic conductivity in electrolyte formulations has effectively decreased the usage of conventional lithium salts, further enhancing product performance and resource efficiency.

Furthermore, for non-conforming intermediate products (e.g., electrode sheets) generated during production, the Company employs short-loop physical recovery technology to recycle and reprocess these materials, directly reintegrating them into the production line to minimize waste generation. This approach not only achieves closed-loop resource utilization but also effectively reduces the average carbon footprint of related products.

Packaging Material Stewardship

The packaging materials currently utilized by REPT BATTERO primarily include cardboard boxes, wooden crates, wooden/plastic pallets, foam padding, plastic bags, and plastic strapping bands. To standardize packaging management and mitigate environmental impacts, we have established the *Packaging Management Document*, which clearly stipulates that packaging materials must meet safety requirements for transportation and storage, ensure compliance of packaging labels with relevant regulatory standards, and prioritize optimized packaging design with recyclable and eco-friendly materials to advance lightweight packaging and reduce resource waste.

The Company is actively advocating for upstream suppliers to adopt circular packaging materials. Through close collaboration with suppliers, we are committed to building a greener and more sustainable supply chain ecosystem, jointly advancing low-carbon transition in packaging processes and resource-efficient utilization.

Air Emission Management

We strictly adhere to the *Integrated emission standard of air pollutants* and the *Emission standard of pollutants for battery industry*. We have established the *EHS Air Management and Control Procedures* to ensure that waste gas is efficiently treated for compliant discharge, with monthly monitoring of emissions to verify data accuracy and regulatory compliance.

REPT BATTERO has deployed diversified equipment and systems within its production facilities to ensure effective recovery and treatment of waste gas. For non-recyclable waste gas, during the Reporting Period, the Company persistently utilized and optimized NMP recovery units, further enhancing NMP recovery efficiency and reducing waste gas emission volume. Concurrently, we are advancing the Green Substitution Plan for Raw and Auxiliary Materials, progressively replacing high-pollution, high-risk raw materials with low-pollution, low-risk eco-friendly alternatives to mitigate environmental impacts at the source.

CASE

Exhaust Gas Treatment Facility Inspection Training

In June 2024, Liuzhou Base conducted a specialized training program titled *Operation & Maintenance Management and Emergency Response Protocols for Exhaust Gas Treatment Equipment*. The training engaged 10 technical professionals, covering technicians and supervisory engineers from relevant departments. Through systematic lectures and hands-on drills, participants comprehensively mastered daily inspection procedures, maintenance protocols, and emergency response methods for abnormal equipment conditions, thereby ensuring stable and compliant emission levels of exhaust pollutants. This initiative strongly supports the Company's regulatory compliance in environmental operations.



Exhaust Gas Treatment Facility Inspection

CASE Electrolyte Leak Emergency Drill

In October 2024, Liuzhou Base conducted a specialized drill titled *Emergency Response Procedures for Electrolyte Leaks*. The drill involved 6 participants, including team leaders, supervisors, and safety officers from the Warehouse and Logistics Center. Through simulated scenarios, participants systematically mastered the emergency containment protocols and standardized waste disposal methods post-leakage. This initiative significantly enhanced response capabilities for sudden leakage incidents, effectively mitigating environmental pollution risks caused by electrolyte leaks during transportation, thereby strengthening the foundation for the Company's safe production practices and environmental stewardship.



Electrolyte Leak Emergency Response Drill

CASE NMP Distillation Power Outage Drill

In May 2024, Foshan Base conducted an emergency drill simulating power outage and fire incidents during NMP distillation, aiming to strengthen team members' emergency response capabilities to power/gas supply interruptions and enhance operational competencies in NMP protection and incident management. This initiative effectively mitigated risks of personnel injury and property damage through scenario-based training.



Power Outage and Fire Incident Emergency Response Drill

CASE Exhaust Gas Self-Monitoring Program

The Company strictly complies with the post-licensing management requirements for pollutant discharge permits. In accordance with the *Self-monitoring technology guidelines for pollution sources — Battery industry*, we have developed and implemented a self-monitoring program and implementation plan for exhaust gas. As per the established schedule, REPT BATTERO commissions a qualified third-party monitoring agency to conduct self-monitoring on the 15th of each month. Upon completion, the third-party agency issues a detailed monitoring report, which is then rigorously evaluated by the Company to ensure the authenticity and accuracy of monitoring data, thereby guaranteeing compliant exhaust gas emissions.

Wastewater Management

REPT BATTERO strictly complies with the *Water Pollution Prevention and Control Law of the People's Republic of China* and the *Emission standard of pollutants for battery industry*. All industrial wastewater and domestic sewage generated during production and operational activities are treated to compliance standards at the in-house wastewater treatment plant within the industrial park prior to discharge.

CASE Jiashan Base Phase II Wastewater Treatment Plant

During the Reporting Period, Jiashan Base Phase II Wastewater Treatment Plant achieved a total treatment capacity of 100 cubic meters per day, employing an Anaerobic-Anoxic-Aerobic Tank (A²/O) → Secondary Sedimentation Tank → Tertiary Coagulation Sedimentation Tank process chain. This advanced treatment system has enhanced effluent quality, ensuring that the discharged water consistently meets the indirect discharge standards stipulated in the *Emission standard of pollutants for battery industry*.

CASE NMP Waste Liquid Distillation and Purification Project

In March 2024, the NMP recovery system co-located at the Foshan Base was officially commissioned. Utilizing advanced distillation technology, this system processes NMP waste liquid generated from lithium battery production lines, achieving the objective of closed-loop in-plant NMP solvent recycling. This innovation eliminates traditional recycling steps including packaging, transportation, and outsourced reprocessing of finished products and waste liquids, reducing wastewater and waste discharges while conserving resource consumption.

Hazardous & Non-Hazardous Waste Management

REPT BATTERO has established the *EHS Waste Management and Control Procedures*, the *Scrap Warehouse Management Guidelines A0*, the *General Solid Waste Management System*, and the *Hazardous Waste Management System* in strict compliance with the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes*, the *Emission standard of pollutants for battery industry*, and the *National Catalogue of Hazardous Wastes*. These protocols ensure proactive, safe, and efficient disposal of both hazardous and non-hazardous waste generated during production operations.

The Company implements classified management of hazardous and non-hazardous waste, with 100% compliant disposal of pollutants and waste as the baseline goal, ensuring the safety and compliance of waste disposal. For hazardous waste, we entrust qualified third-party service providers with professional certifications and clarify the responsibilities of relevant departments and key personnel through established institutional protocols, specifically regulating the collection, storage, transportation, and inspection processes. For non-hazardous waste, we conduct classified collection, disposal, and resource utilization in compliance with national laws and regulations. Domestic waste is regularly removed by municipal sanitation departments, while other non-hazardous waste is processed by qualified solid waste disposal entities to ensure efficient and environmentally sound disposal. During the Reporting Period, the Wenzhou facility implemented optimization measures for hazardous waste storage facilities, including zoning of hazardous waste storage areas, solid-liquid separation, and weighing systems. Additionally, the Zhejiang Solid Waste Regulatory Code System was introduced for solid waste management, achieving full-chain lifecycle management.

The main hazardous and non-hazardous waste generated by our operations, along with their corresponding production processes, are detailed in the following table:



Generation Process	Hazardous Waste Category	Non-Hazardous Waste Category
Wastewater and pure water treatment	/	Wastewater treatment sludge, waste reverse osmosis membranes, etc.
Equipment maintenance	Waste lubricating oil, waste heat transfer oil, waste electrolyte, hazardous packaging waste, etc.	Waste filter screens, filter bags, waste molecular sieves, etc.
Waste gas treatment	Waste adsorbent activated carbon, etc.	/
Daily factory maintenance	Hazardous packaging waste, etc.	Waste rubber/plastic insulation materials, waste color steel plates, waste glass, waste cable sheaths, etc.
Coating, slitting, die-cutting	/	Waste aluminum foil, waste copper foil, etc.
Winding	/	Waste electrode sheets, waste separator membranes, etc.
Cell and battery testing	/	Defective cells, waste batteries, etc.
Canteen	/	Food waste, domestic waste, etc.
Others	/	Waste wood, cartons, metals, general packaging waste, etc.

Regarding electronic waste, the Company has defined operational requirements for the repair and disposal of information assets in the *Information Processing Facility Management Procedure*. The decommissioning or disposal of information processing facilities must undergo full-process approval and evaluation before being properly and effectively processed.



Battery Recycling

REPT BATTERO actively responds to China’s “Dual-Carbon” Strategy, continuously advancing in the fields of power battery recycling and resource circular utilization. The Company is dedicated to driving research and practical applications of power battery Echelon Utilization⁵, while thoroughly exploring the full lifecycle value of power batteries.

REPT BATTERO has established a comprehensive closed-loop system in its battery recycling operations, encompassing battery collection, dismantling, echelon utilization, and resource regeneration. This system not only effectively mitigates potential environmental hazards from end-of-life batteries but also achieves resource circular utilization, thereby reducing carbon emissions from raw material extraction and production processes.

During the reporting period, Wenzhou Base passed the Ministry of Industry and Information Technology re-evaluation for Echelon Utilization of retired power batteries. This milestone enables the company to deliver comprehensive full-lifecycle solutions spanning design, R&D, manufacturing, sales, testing, installation, operation and maintenance support, and recycling, thereby establishing a closed-loop recycling chain for end-of-life batteries.

Furthermore, through collaborative development of hydrometallurgical recycling processes with domestic and international suppliers, we have achieved closed-loop recovery of valuable metals from spent batteries, realizing raw material circularity with decarbonization benefits. During the Reporting Period, Wenzhou Base successfully processed over 9,200 metric tons of valuable battery waste materials. We firmly believe that advancing the battery recycling industry will inject sustainable momentum into the new energy sector, contributing to global green and low-carbon transition goals.

CASE Global Collaboration in Lithium Battery Industry

In April 2024, REPT BATTERO signed a Memorandum of Understanding with Zhejiang Huayou Recycling Technology Co., Ltd. to launch global cooperation within the lithium battery value chain, including but not limited to procurement, transportation and centralized storage, discharging, disassembly, diagnosis and testing, R&D, integration, sales, maintenance, and end-of-life battery collection/recycling with carbon footprint tracking.



Signing Ceremony of the Memorandum of Understanding

5. According to the *Requirements of Industry Standards for the Comprehensive Utilization of Waste Power Batteries for New Energy Vehicles* (Announcement by the Ministry of Industry and Information Technology of the People’s Republic of China), Echelon Utilization refers to the process of conducting necessary testing, classification, disassembly, repair, or recombination of retired power batteries into echelon-ready products for application in other fields.

People-Oriented Care, Forging Harmony

Corresponding Material Issues:

- Employee Rights & Benefits
- Employee Health & Safety
- Diversity, Equity & Inclusion
- Employee Training & Development



Employee Rights and Benefits

REPT BATTERO firmly believes that talent is the "Inexhaustible Driving Force" for high-quality corporate development. Adhering to a people-oriented approach, we uphold equal employment principles to ensure fairness throughout the recruitment process, respect diverse backgrounds, and prohibit any form of discrimination, thereby providing equal development opportunities for every employee. Concurrently, the Company implements democratic management through transparent communication and an employee co-governance model, encouraging active participation in corporate decision-making to enhance governance efficiency. Furthermore, we are committed to delivering comprehensive welfare and care, including diversified leave policies, abundant employee activities, and health support programs, striving to build an inclusive and comfortable working environment that motivates employees to unleash their full potential.

Equal Employment

The sustainable development of REPT BATTERO is rooted in the professional competence and capacity building of our workforce. The Company strictly complies with the Labor Law of the People's Republic of China, the Law of the People's Republic of China on the Protection of Minors, and the Provisions on the Prohibition of Using Child Labor, while referencing international standards including the International Labour Convention and the Universal Declaration of Human Rights. We have established recruitment governance documents such as the Human Resource Management Control Procedures, the CSR Management Manual, and the Recruitment Management Control Procedures, explicitly prohibiting the employment of child labor and indentured labor, opposing all forms of forced labor, and forbidding restrictions on employees' freedom of association and collective bargaining rights. To prevent involuntary labor, the Company strictly prohibits withholding identity cards or travel documents. We implement compliant recruitment processes ensuring non-discriminatory treatment to safeguard employees' free career choices. Furthermore, the Company emphasizes zero tolerance for discrimination, workplace sexual harassment, and corporal punishment, with established grievance procedures. Upon verification of such violations, we initiate investigations and implement necessary remedial actions.

During onboarding, new employees receive labor rights education to ensure the respect and protection of employees' rights, prevent discrimination and harassment, and collectively foster a fair and inclusive working environment.

REPT瑞浦兰钧
BATTERO

劳工权利

1、承诺员工免受骚扰以及非法歧视；

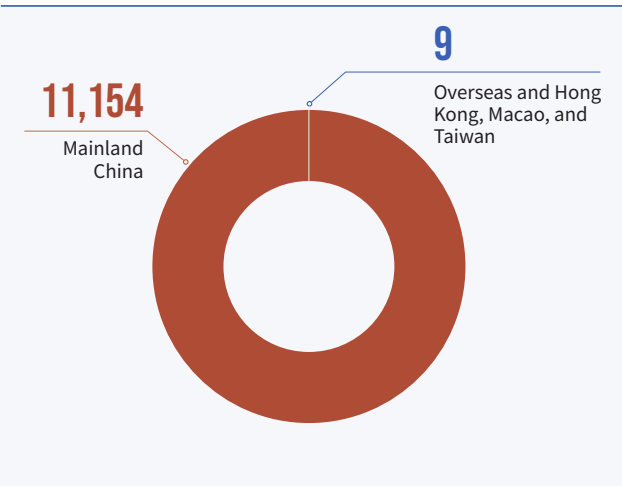
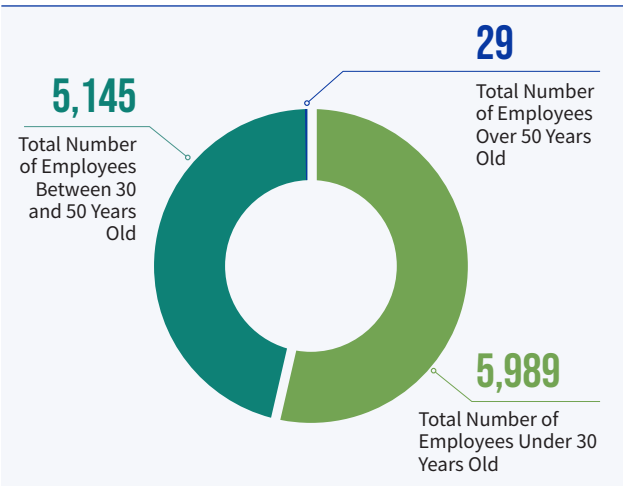
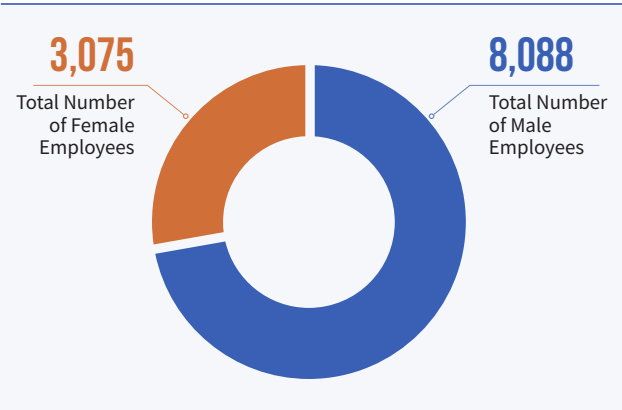
2、不得因人种、肤色、年龄、性别、性倾向、种族、残疾、怀孕、信仰、政治派别、社团成员或婚姻状况等在雇用及实际工作（例如晋升、奖励和受培训等）中歧视员工；

3、不得对员工实施性骚扰、性虐待、体罚、精神或肉体胁迫或言语侮辱等严苛的非人道行为；

4、不强迫员工或准员工接受带有歧视性的医学检查。

New Employee Onboarding Education and Briefing

The Company primarily recruits through online platforms, talent markets, job fairs, campus recruitment, government-organized recruitment initiatives, and internal/external referrals. In strict compliance with relevant regulations, we have established a standardized recruitment process to ensure transparent communication of employment terms, emphasize equal opportunity in hiring, and accept applications from all qualified candidates.



We actively hire individuals with disabilities by providing an accessible working environment, flexible work arrangements, and career development support to ensure their seamless workplace integration. Through collaboration with third-party organizations, we facilitate employment opportunities for people with disabilities. In 2024, we successfully offered employment placements to 6 individuals with mild disabilities and 39 individuals with severe disabilities.



REPT BATTERO Supported Employment Base for Persons with Disabilities

Working Hours and Leave

During the Reporting Period, the Company revised the *Employee Attendance and Leave Management Policy* to enhance the governance of working hours and leave arrangements, safeguarding employees' physical and mental health. For production-line employees, we schedule attendance and leave based on operational needs, with overtime pay duly settled in accordance with the law. In cases requiring extended working hours due to business demands, compensatory leave is arranged upon prior employee application, supplemented by overtime pay under the payroll system. For employees engaged in domestic and international operations, we implement flexible working hour adjustments tailored to practical circumstances to prevent coerced or unreasonable overtime work.

REPT BATTERO strictly adheres to national statutory holiday policies, legally mandated leave arrangements, and ensures all employees enjoy rest entitlements during official public holidays. Employees working overtime during statutory holidays are provided with overtime pay in accordance with relevant regulations. We schedule holidays in compliance with relevant regulations and notify employees of holiday arrangements in advance, allowing sufficient time for personal affairs and rest. The Company is committed to maintaining work-life balance and fostering a supportive working environment.



We have established rigorous procedures for handling employee complaints. The process begins with verifying the facts. If a complaint is substantiated, the involved personnel will be disciplined, with the outcome communicated internally or publicly. For complaints arising from misunderstandings or errors, we initiate direct communication with the relevant parties to provide explanations and mediate resolutions. Additionally, the Company systematically archives records of all complaint cases.

REPT BATTERO conducts regular employee satisfaction surveys covering multiple dimensions, including benefits, compensation, career development, and work engagement, to comprehensively understand employee needs and feedback. Based on survey findings, the Company conducts in-depth analysis to identify areas for improvement and implements effective measures to enhance employee satisfaction. Notably, the Jiashan Base has set a short-term goal (within 1-2 years) to raise the employee satisfaction rate to over 75%, with periodic surveys conducted to track progress.

70⁺%

Employee satisfaction

In 2024, employee satisfaction surveys conducted at both the Wenzhou Base and Jiashan Base yielded satisfaction rates exceeding 70%, indicating a generally positive overall assessment.

Benefits and Care Initiatives

REPT BATTERO provides active employees with comprehensive welfare packages designed to achieve work-life balance, enhance well-being and a sense of belonging, and strengthen employee loyalty.

Living Benefits

Employee dormitories; Complimentary meals; Corporate team-building activities; Employee sports meets; Gym facilities; Basketball courts; Reading lounges; Accessible restrooms for persons with disabilities.

Psychological Support

Organizing lectures and workshops by licensed psychologists; Coordinating accessible psychological counseling services for employees.

Care Programs

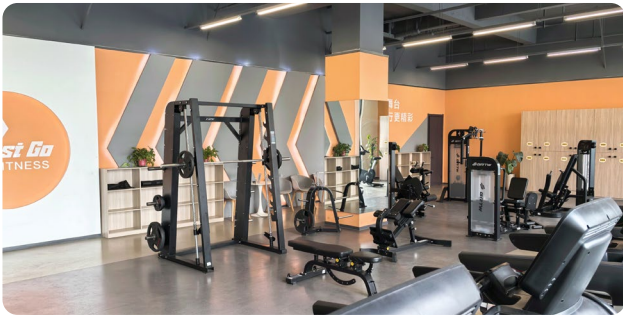
Birthday benefits; Festival cash allowances; Holiday gifts; Themed celebrations and prize draws; Visits to injured employees; Health literacy seminars; Traffic safety workshops; Eligibility for unions' subsidies (weddings, funerals, illnesses, childbirth) upon documentation submission.

Gender-Specific Care

Dedicated mother-and-child rooms; Full implementation of maternity leave, lactation breaks, and job adjustments in compliance with relevant regulations; Flexible work arrangements for non-pregnant female employees requiring medical support.

Employee Assistance

Providing financial aid to economically disadvantaged employees through the Tsingshan Charity Foundation.



Gym facilities



Employee Reading Room



Table Tennis Room



Nursing Room

CASE Sports Competition Series

In 2024, REPT BATTERO organized a series of diverse sports activities to enrich employees' leisure lives, demonstrate the Company's workforce spirit, strengthen cultural and corporate ethos development. These included the 7th Employee Sports Games, Badminton Friendship Matches, and Basketball Leagues. These initiatives helped employees find joy in intense athletic competitions, freely exert their energy, fully showcase their talents, enhance team cohesion, and improve physical and mental well-being.



Sports Games



Badminton Friendship



Tournament Basketball



League Fishing Activity

CASE Employee Free Oral Health Check and Consultation Activity

In November 2024, Jiashan Base conducted complimentary oral health examinations and consultations for employees. During the event, dental experts first delivered oral care lectures, followed by comprehensive checks including dental cleanliness inspection, caries screening, periodontal health assessment, and occlusion relationship evaluation, ensuring holistic protection of employees' oral health.



Oral Health Check and Consultation

CASE Female Employee Health Examinations and Health Knowledge Popularization Activity

In March 2024, Jiashan Base conducted health examinations for all female employees and invited experts to deliver health knowledge lectures, popularizing healthy lifestyles and breast cancer prevention and control knowledge.



Female Employee Health Examinations



Female Health Knowledge Lecture

CASE International Women's Day Celebration

On 8 March 2024, Foshan Base organized "a cup of milk tea, a box of pastries, and a handmade fan crafting session" for female employees to celebrate International Women's Day. The event featured a vibrant atmosphere where participants interacted warmly, experienced collective camaraderie, and renewed motivation for future professional and personal endeavors.



Women's Day Commemoration

Talent Cultivation and Development

Employee Training

REPT BATTERO upholds the talent cultivation philosophy of "Selection, Cultivation, Utilization, Retention", demonstrating its commitment to stringent talent deployment standards and dedication to employee development. To implement this philosophy, the Company has continuously optimized its employee training system and enhanced the *Education, Training and Qualification Assessment Control Procedures*. Through updates to the procedural documentation, REPT BATTERO has formalized training evaluation criteria and participant eligibility requirements, revised the new employee onboarding tracking form, and introduced supplementary attachment forms. Furthermore, the Company has established the *Training Credit Management System* to foster a learning-oriented culture, stipulating that employees may apply for training credits upon course completion, with such credits directly linked to individual performance evaluations, salary adjustments, promotion eligibility, and annual excellence awards.

REPT BATTERO formulates the corporate-level *Annual Training Plan* annually based on organizational development objectives and departmental training needs, covering managerial competencies, industry-specific knowledge, office software skills, and regulatory compliance. Departments actively conduct position-specific training aligned with operational requirements, including job-related technical skills, safety protocols, and intellectual property management. For ad hoc training needs not included in the *Annual Training Plan*, departments develop department-level training programs. The Company continuously expands digital learning modules with integrated online assessments and enhances instructor competencies to comprehensively address employee self-enhancement requirements.

Continue to implement the "Old Mentors New" mentorship system	Hire external lecturers to conduct professional training	Encourage participation in external
Stimulate the potential of new employees, helping them continuously improve their professional skills, leadership, and innovative thinking in their work	Invite lecturers from external training institutions to provide professional training, further enhancing employees' professional skills	Encourage employees to actively participate in diverse external professional certification programs to enhance their individual professional competencies
<ul style="list-style-type: none">100% coverage rate of the "Old Mentors New" mentorship system for new employees.Three batches of vocational skill certifications completed: 289 junior employees and 98 senior employees certified.2 young talents selected for Wenzhou "Ouyue Talent Program" (Scientific and Technological Leadership Talents).1 talent selected for Longwan District "Ouyue Talent Program" (Wenzhou) and 2 Category E talents certified.		

CASE Official Inauguration of the Quality College

In August 2024, REPT BATTERO officially established the Quality College. Through integrated digital and in-person training modules, the College delivers systematic quality management knowledge to employees, propels organization-wide quality governance engagement, drives continuous process optimization initiatives, and enhances product/service standards to achieve sustainable corporate development.



REPT BATTERO Quality College

CASE Official Launch of the Nenggong Qiaojiang (Artisan Excellence) Program

In August 2024, Jiashan Base officially inaugurated the Nenggong Qiaojiang Program (Artisan Excellence) Program, a talent development initiative for production department technicians. The program implements a mentorship system with standardized coaching manuals, progressing through phases of theoretical-practical training, internships, competency assessments, and panel evaluations to systematically empower and evaluate participants.



Launch of the Nenggong Qiaojiang Program

While cultivating a learning-driven organizational ecosystem, REPT BATTERO systematically elevates the holistic competencies of its workforce, thereby establishing a robust foundation for sustainable corporate development.

Promotion and Incentives

REPT BATTERO has progressively established a market-competitive and relatively equitable compensation management system. During the Reporting Period, the Jiashan Base optimized its compensation policies in accordance with the *Human Resource Management Control Procedures* and the *Performance Evaluation Management System*, constructing a fair framework that fosters employee growth and ensures close alignment with performance evaluations.

The Company strictly adheres to national regulations by contributing to employees' social insurance on a monthly basis, achieving a social insurance coverage rate of 100%. Tailored compensation structure standards have been developed for different business natures and professional positions to better incentivize employees. Furthermore, the Company continues to refine its employee incentive mechanisms, including the ongoing Employee Stock Ownership Plan (ESOP), which enhances employee engagement and belonging through equity incentives. These mechanisms are aligned with the Company's long-term strategic objectives, supporting high-quality sustainable development.

We provide clear career progression pathways and opportunities, enabling employees to achieve their professional development goals. Pursuant to the Performance Evaluation Management System, promotions are evaluated across three dimensions: performance, competence, and behavior, as detailed below:

Performance Dimension	Performance Evaluation refers to the work outcomes achieved by assessed personnel, encompassing Job Responsibilities fulfillment, completion status of Individual & Departmental Objectives, Work Efficiency metrics, Quality of Task Execution, Exceptional Contributions, and Management & Mentorship Performance (applicable to managerial employee). This comprehensive framework aligns with ISO 9001 quality management standards and GRI 103-3 performance disclosure requirements.
Competency Dimension	Capability Assessment evaluates assessed personnel's mastery and application proficiency of job-specific expertise/skills, encompassing learning & innovation capabilities, problem-solving competencies, and collaborative operational effectiveness.
Behavioral Dimension	Behavioral Evaluation refers to the conduct demonstrated by assessed personnel during work processes, encompassing professional ethics, moral integrity, work discipline, and job attitude.

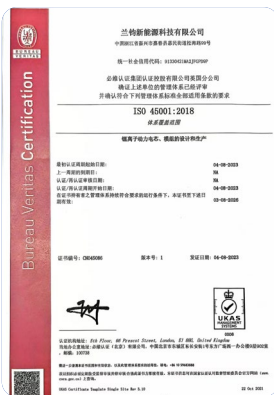
Occupational Health and Safety

Occupational Health and Safety Management System

REPT BATTERO strictly complies with laws and regulations including the *Work Safety Law of the People's Republic of China*, *Fire Protection Law of the People's Republic of China*, *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*, *Regulation on the Administration of Precursor Chemicals*, *Regulations on Safety Supervision of Special Equipment*, and *Measures for the Administration of Contingency Plans for Work Safety Accidents*. We have established and improved policies and procedures related to health and occupational safety, including work safety responsibility system, equipment safety management, high-risk operations, hazardous chemical management, incident and emergency management, safety risk classification control, and hidden hazard investigation and rectification. We revise these systems annually to ensure compliance with the latest legal requirements and operational needs. During the Reporting Period, no major health or occupational safety incidents occurred in our operations.

All REPT BATTERO

All REPT BATTERO bases obtained ISO 45001 certification during the Reporting Period, achieving 100% coverage across operational production bases. Additionally, to ensure ongoing compliance with occupational health and safety standards, we conducted internal self-evaluations and external audits for enterprise work safety standardization and hold Tier-III Work Safety Standardization Certification.

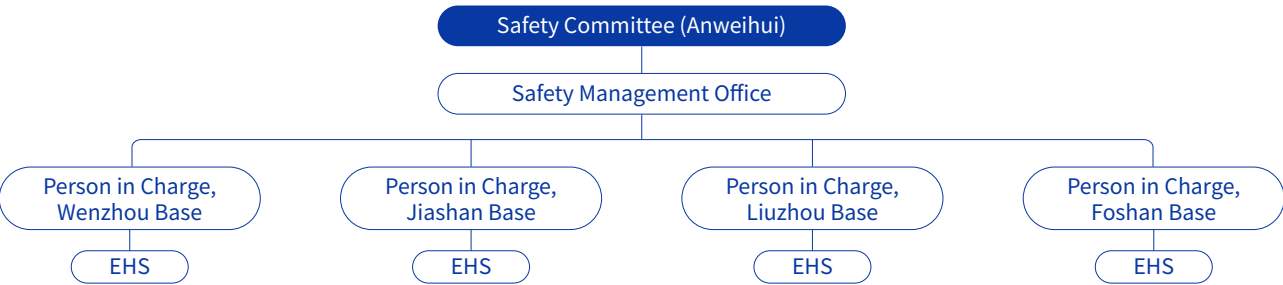


100 %
The coverage rate of operating
production bases has reached

Wenzhou, Jiashan, Liuzhou, Foshan Bases ISO 45001 Occupational Health and Safety Management System Certification

To further regulate work safety practices, REPT BATTERO established the Safety Committee (Anweihui) in 2024. This committee is mandated to implement national work safety policies and legal regulations, formulate strategic plans and annual operational objectives aligned with corporate realities, and advance the standardization and institutionalization enhancement of work safety management. Through core functions including strategic planning, procedural optimization, and risk pre-control reinforcement, the Safety Committee centrally coordinates safety management across all production bases.

Organizational Structure of the Safety Committee



Occupational Health and Safety Objectives and Targets

To enhance employees' awareness of safe operations, we have integrated occupational health and safety principles throughout the entire production process, effectively reducing non-compliant operations. Over the past three years, the Company has recorded zero work-related fatalities. During the Reporting Period, the number of workdays lost due to occupational injuries was 241 days, representing a 56% decrease compared to the previous year.

2024 Occupational Health and Safety Targets and Completion Status:

Objective	Indicator	Completion Status
Eliminate fatalities, mass casualties, explosions, and severe injuries	• Zero incidents of fatalities, mass casualties, explosions, or severe injuries	Achieved
Control minor injuries	• Minor injury rate below 0.3%	Achieved
Reduce occupational hazard incidents year by year	• Zero cases of acute occupational poisoning; Occupational disease incidence rate at 0%	Achieved
Control fire incidents and eliminate fire accidents	• Zero fire accidents	Achieved
Eliminate pollution accidents	• Zero pollution accidents	Achieved
Proper waste disposal	• Exhaust gases, wastewater, and factory boundary noise meet emission standards; Hazardous waste harmless treatment rate reaches 100%	Achieved
ISO 14001 & ISO 45001 external audits	• Production bases covered by ISO 14001 Environmental Management System certification and ISO 45001 Occupational Health and Safety Management System	Achieved

Occupational Health Protection Measures

We have implemented multiple initiatives for occupational health protection, including signing safety commitment letters, conducting company-wide training, performing regular equipment inspections, disaster and flood prevention, fire drills, occupational health examinations, provision of personal protective equipment, noise and dust control, and chemical safety training, all dedicated to ensuring employee safety and health.



Occupational Health Objectives	Occupational Health Protection Measures
Eliminate fatalities, mass casualties, explosions, and severe accidents; Control minor injury incidents	<ul style="list-style-type: none">Implement the signing of the "Work Safety Commitment Letter" at company, department and team levels, achieving 100% signing rate during Reporting PeriodContinuously conduct comprehensive safety and environmental training for all employeesRegularly perform monthly and daily inspections of special equipment, ensuring proper maintenance to guarantee safe operationContinuously carry out typhoon and flood prevention measures to minimize lossesContinuously implement equipment upgrades and process adjustments to gradually eliminate or reduce safety risks
Control fire incidents and eliminate fire accidents; Eliminate pollution incidents	<ul style="list-style-type: none">Conduct two large-scale fire safety activities annually (including large-scale evacuation drills) along with small-scale fire drillsContinuously provide training on use of firefighting equipment and facilities, as well as fire safety educationEstablish emergency response team with relevant training and equipment to control fire incidents within one minute
Yearly reduction in occupational hazard incidents; Proper disposal of waste materials	<ul style="list-style-type: none">Ensure full coverage of occupational health checkups for employees in hazardous positions, and arrange job rotation or transfersProvide qualified personal protective equipment (PPE) to employees in toxic/hazardous roles, supervise correct use of PPEScreen appropriate protective gear

During the Reporting Period, Wenzhou Base completed the renovation of the electrolyte delivery system, reducing the risk of electrolyte leakage.

Safety Culture Development

REPT BATTERO focuses on enhancing employees' safety awareness and emergency response capabilities through systematic fire safety activities, thereby reducing work safety-related risks.

Safety Culture Construction Initiatives

Fire Safety Activities and Drills	The Company designates the Safety Month in June and the Fire Safety Month in November as key periods, conducting two large-scale fire safety activities annually, along with company-wide evacuation drills involving all employees. Additionally, small-scale drills (department-level) will be conducted every two weeks to ensure employees' familiarity with emergency procedures and response capabilities.
Safety Culture and Knowledge Competitions	To strengthen safety culture development, the Company conducts a specialized safety knowledge competition every two months, focusing on high-risk processes such as cell assembly. Employees are incentivized to participate through reward mechanisms. Furthermore, safety performance will be incorporated into employee promotion and salary increase evaluations to motivate active engagement in safety culture development.
Safety Training System	The Company has established a comprehensive safety training system covering team-level training and new employee orientation, ensuring all employees acquire essential safety knowledge and skills. Through systematic training programs, the Company aims to enhance employees' safety awareness and emergency response capabilities.
Large-Scale Drill Arrangements	The Company conducted two rounds of full-scale evacuation drills during Safety Month and Fire Prevention Month, respectively. Through these drills, the Company not only enhanced employees' emergency response capabilities but also further refined its safety management system to address potential risks.

Wenzhou Base	<ul style="list-style-type: none">New employee three-level safety education and training: 154 sessions, 3,012 participants, 3,696 cumulative training hoursForklift operation training: 570 personnel, 100% obtained qualificationSpecialized safety training for external construction personnel: 508 participants, 100% coverageSpecialized training for part-time safety officers: 8 sessionsFire evacuation drills: 28 sessions
Jiashan Base	<ul style="list-style-type: none">Volunteer firefighting members: 129Fire training: 4,118 person-times
Liuzhou Base	<ul style="list-style-type: none">Emergency drills: 54 timesFire emergency drills: 76 sessionsParticipants: 1,525 personnel
Foshan Base	<ul style="list-style-type: none">Emergency drills: 30 sessions



Wenzhou Base Safety Training



Jiashan Base Safety Training



Foshan Base Practical Comprehensive Emergency Drill

Social Commitment, Building Public Welfare

Corresponding Material Issues:

- Social Philanthropy



Educational Equity Initiatives

The Company has remained committed to fostering youth development through proactive engagement in educational initiatives. By establishing scholarship programs and offering financial assistance grants, we provide students with access to valuable educational resources, driving progress in educational equity while cultivating socially responsible talents for the evolving societal landscape.

CASE Phililanthropic Book Donation Initiative

REPT BATTERO actively carried out multiple philanthropic book donation initiatives to support the reading aspirations of children in impoverished mountainous regions and rural areas.

In June 2024, Wenzhou Base launched the "YiQiDu Initiative" book donation campaign, mobilizing 850 employees to consolidate urban idle books. A total of 1,362 books spanning fairy tales, red-themed publications, children's literature, renowned literary works, and popular science materials were delivered to rural communities lacking diversified extracurricular reading resources, helping plant the seeds of literary enlightenment in young minds.

From July to August 2024, Liuzhou Base initiated the "Book Voyage: Heartwarming Donation Drive", contributing 181 books across various genres along with a batch of English and Chinese exercise notebooks.

Through these philanthropic book donation programs, REPT BATTERO has provided invaluable reading resources for underprivileged rural children, created enriched learning opportunities, and fully demonstrated the Company's commitment to social responsibility.



"YiQiDu Initiative" Book Donation Campaign at Wenzhou Base



"Book Voyage: Heartwarming Donation Drive" Campaign at Liuzhou Base

CASE Targeted Aid Program for Underprivileged University Students

From July to August 2024, the Liuzhou Base delegation actively fulfilled social responsibilities by conducting field visits to Hechi and Liuzhou under the guidance of Tsingshan Charity Foundation, delivering the warmth and hope of the "Tsingshan Education Assistance Program" to local communities. During these visits, the Group provided care packages to beneficiaries and conducted in-depth assessments of recipients' family circumstances, thereby laying the groundwork for further development of the assistance program.



Liuzhou Base Conducts Visits and Financial Aid Activities for Impoverished College Students

Vulnerable Group Care

We carry out diverse charitable initiatives including material donations, educational support, orphan aid, and poverty alleviation, actively practicing the philosophy of caring for special groups. We provide practical support to them, contribute sincere care to social harmony, and jointly promote social harmony and progress.

CASE Inauguration Ceremony of Dayu Town Persons with Disabilities Employment Base in Cangnan County

In October 2024, Wenzhou Base Labor Union and Human Resources Department collaborated with leaders from the Cangnan County Disabled Persons' Federation, the Ministry of Education, and other relevant departments. They visited the Home for Persons with Disabilities in Dayu Town, Cangnan County, delivering daily necessities and other supplies filled with compassion. Through these concrete actions, they expressed profound care and support for the community of persons with disabilities.



Wenzhou Base Supports Inauguration of Cangnan Dayu Town Employment Base for Persons with Disabilities

During the Reporting Period

2.27 million RMB

the Company's total investment in social welfare initiatives reached RMB 2.27 million

3,000⁺ individuals

directly benefiting over 3,000 individuals

Appendix

Data Performance Table

Environmental Performance⁶

Category	Indicator Name	Indicator Unit	2023	2024
A1 Emissions				
Waste Gas	Non-methane Total Hydrocarbons	ton	8.59	4.80
	Nitrogen Oxides	ton	13.33	16.77
	Sulfur Oxides	ton	1.59	1.07
	Particulate Matter	ton	0.30	1.39
Wastewater	Wastewater Discharge	ton	15,929.06	30,853.51
	COD Discharge	ton	2.11	1.66
	Ammonia Nitrogen Discharge	ton	0.20	0.09
Hazardous Waste	Total Hazardous Waste Generated	ton	366.41	594.91
	Total Hazardous Waste Disposed	ton	-	594.91
	Hazardous Waste Generated per Unit Product	ton/GWh	18.81	13.22
Solid Waste	Total General Industrial Solid Waste	ton	11,903.31	54,607.27
	General Industrial Solid Waste Generated per Unit Product	ton/GWh	611.05	1,213.56
	Total General Industrial Solid Waste Recycled	ton	-	51,656.81
	• NMP Waste Liquid	ton	-	39,739.35
	• Battery Recycling	ton	-	4.70
	• Others	ton	-	11,912.76
Greenhouse Gas Emissions ⁷	Scope 1 Greenhouse Gas Emissions ⁸	ton CO ₂ e	58,333.53	109,895.55
	Scope 2 Greenhouse Gas Emissions ⁹	ton CO ₂ e	367,858.05	488,540.24
	Scope 3 Greenhouse Gas Emissions ¹⁰	ton CO ₂ e	-	3,614,426.24
	Total Greenhouse Gas Emissions ¹¹	ton CO ₂ e	426,191.57	4,212,862.03
	Greenhouse Gas Emissions per Unit Product (Scope 1 & 2)	ton CO ₂ e/GWh	21,878.42	13,299.31

6.

Unless otherwise specified, the scope of environmental performance statistics covers the Wenzhou Base, Jiashan Base, Liuzhou Base, and Foshan Base.

7.

Greenhouse gas emissions calculations for 2024 reference the *Greenhouse Gas Protocol: Corporate Accounting and Reporting Standard (Revised Edition)* (GHG Protocol).

8.

Scope 1 greenhouse gas emission sources include gasoline, diesel, natural gas, firefighting gases, and septic tanks. GWP references the IPCC's *Sixth Assessment Report* (AR6). Relevant emission coefficient calculations reference the *Guidelines for Greenhouse Gas Emissions Accounting and Reporting for Land Transportation Enterprises (Trial)*, *Guidelines for Greenhouse Gas Emissions Accounting and Reporting for Other Industrial Sectors (Trial)*, and *2006 IPCC Guidelines for National Greenhouse Gas Inventories*.

9.

Scope 2 greenhouse gas emission sources include purchased electricity and steam. The emission factor for purchased steam references the *Guidelines for Greenhouse Gas Emissions Accounting and Reporting for Electronic Equipment Manufacturing Enterprises in China (Trial)*, and the emission factor for purchased electricity references the national average CO₂ emission factor for electricity from the *2021 Electricity CO₂ Emission Factors*.

10.

Scope 3 greenhouse gas emissions statistics cover the Wenzhou base, with emission sources including purchased goods and services as well as waste generated during operations.

11.

The total greenhouse gas emissions for 2023 include Scope 1 and Scope 2, while the total emissions for 2024 cover Scope 1, Scope 2, and partial Scope 3.

Category	Indicator Name	Indicator Unit	2023	2024
A2 Resource Use				
Energy Consumption ¹²	Total Direct Energy Consumption	MWh	291,322.98	548,052.69
	Total Indirect Energy Consumption	MWh	698,061.84	942,448.70
	Total Renewable Energy Consumption	MWh	113,409.32	14,309.82
	Total Energy Consumption	MWh	989,384.82	1,490,501.39
	Energy Consumption per Unit Product	MWh/GWh	50,789.78	33,124.09
	Photovoltaic Power Generation	MWh	3,409.32	4,309.82
	Green Electricity Purchased	MWh	110,000.00	10,000.00
Water	Total Water Consumption	ton	2,317,420.00	2,848,446.00
	Water Consumption per Unit Product	ton/GWh	118,964.07	63,302.32
Packaging Materials	Total Packaging Materials Used	ton	4,751.89	13,688.95
	Total Recyclable Packaging Materials Used	ton	-	2,445.23
	Packaging Materials Used per Unit Product	ton/GWh	243.94	304.22

Social Performance¹³

Category	Indicator Name	Unit	2023	2024
B1 Employment				
Employee Count	Total Number of Employees	persons	12,055	11,163
	Male Employee Count	persons	8,287	8,088
	Female Employee Count	persons	3,768	3,075
	Employees Aged <30	persons	7,206	5,989
	Employees Aged 30-50	persons	4,820	5,145
	Employees Aged >50	persons	29	29
	Mainland China Employee Count	persons	12,055	11,154
	Overseas & Hong Kong/Macao/Taiwan Employee Count	persons	0	9
	Ethnic Minority Employee Count	persons	-	1,918
	Employees with Disabilities	persons	-	13
	Full-time Employee Count	persons	12,055	11,163
	Part-time Employee Count	persons	0	0
Employee Turnover Rate ¹⁴	Employee Turnover Rate	%	16.67	42.09
	Male Employee Turnover Rate	%	17.68	42.59
	Female Employee Turnover Rate	%	14.36	40.71
	Employees Aged <30 Turnover Rate	%	19.01	47.31
	Employees Aged 30-50 Turnover Rate	%	12.82	34.63
	Employees Aged >50 Turnover Rate	%	29.27	21.62
	Mainland China Employee Turnover Rate	%	16.67	42.10
	Overseas & Hong Kong/Macao/Taiwan Employee Turnover Rate	%	0.00	10.00

12.

Direct energy includes gasoline, diesel, and natural gas, while indirect energy includes purchased electricity (including purchased green electricity and distributed rooftop photovoltaic) and purchased steam.

13.

The scope of social performance statistics covers the Company and its subsidiaries, consistent with the scope defined in the annual report.

14.

Employee Turnover Rate = (Total number of employees who left during the reporting period) / (Total number of employees who left during the reporting period + Total number of employees at the end of the reporting period) × 100%; Turnover Rate by Specific Category = (Total number of employees in the category who left during the reporting period) / (Total number of employees in the category who left during the reporting period + Total number of employees in the category at the end of the reporting period) × 100%

Category	Indicator Name	Unit	2023	2024
B2 Health & Safety				
Work-related Injuries and Fatalities ¹⁵	Number of Work-related Fatalities	persons	0	0
	Work-related Fatality Rate	%	0	0
	Work Injury Lost Days	days	547.5	241
B3 Development & Training				
Trained Employee Percentage ¹⁶	Senior Management Training Percentage	%	100.00	100.00
	Middle Management Training Percentage	%	100.00	100.00
	Junior Employee Training Percentage	%	100.00	100.00
	Male Employee Training Percentage	%	100.00	100.00
	Female Employee Training Percentage	%	100.00	100.00
Average Training Hours ¹⁷	Senior Management Average Training Hours	hours	22.08	15.41
	Middle Management Average Training Hours	hours	40.83	33.44
	Junior Employee Average Training Hours	hours	50.38	29.66
	Male Employee Average Training Hours	hours	52.18	29.48
	Female Employee Average Training Hours	hours	43.85	30.51
B5 Supply Chain Management				
Supplier Count by Region	Mainland China Supplier Count	companies	754	693
	Overseas Supplier Count	companies	3	0
Supplier Practices	Suppliers Implementing Compliance Practices	companies	757	693
	Supplier Compliance Coverage	%	100	100
	Cumulative Suppliers Implementing Compliance Practices	companies	2,643	3,336
B6 Product Responsibility				
Product & Customer Service	Percentage of Recalls Due to Safety/Health Issues	%	0	0
	Customer Complaint Count	cases	27	15
	Customer Complaint Resolution Rate	%	100	100
	Customer Satisfaction Rate	%	-	90.34
Intellectual Property	Cumulative Patent Applications	items	2,963	3,924
	Cumulative Granted Patents	items	1,791	2,532
	Annual Granted Patents	items	890	741

15. In 2022, the Company did not experience any work-related fatal incidents

16. Training Percentage by Specific Category = (Number of trained employees in the category) / (Total number of employees in the category) × 100%

17. Average Training Hours per Employee by Specific Category = (Total training hours for employees in the category) / (Total number of employees in the category)

Category	Indicator Name	Unit	2023	2024
R&D Investment	Annual R&D Expenditure	million RMB	991.31	772.95
	R&D Expenditure as % of Revenue	%	7.2	4.38
	R&D Team Headcount	persons	1,918	1,249
	Master’ s Degree or Higher	persons	598	453
B7 Anti-Corruption				
Anti-Corruption	Number of Concluded Corruption Litigation Cases	cases	0	0
	Employees Trained in Anti-Corruption/Integrity	persons	5,668	1,075
	Directors Trained in Anti-Corruption/Integrity	persons	12	12
	Anti-Corruption/Integrity Training Sessions	times	3	9
B8 Community investment				
Social welfare contribution amount		10K RMB	-	227

HKEX ESG Indicators Index

Indicator	Details	Chapter
A Environment		
Level A1: Emissions		
General Disclosure		Green Guardianship, Sustaining Nature
A1.1	Types of emissions and related emission data	Green Guardianship, Sustaining Nature
A1.2	Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and (where applicable) density (e.g., per unit of production, per facility)	Green Guardianship, Sustaining Nature - Climate Change Mitigation - Climate Metrics Appendix: Data Performance Table
A1.3	Total hazardous waste generated (in tonnes) and (where applicable) density (e.g., per unit of production, per facility)	Green Guardianship, Sustaining Nature - Pollution & Waste Management - Hazardous & Non-Hazardous Waste Management Appendix: Data Performance Table
A1.4	Total non-hazardous waste generated (in tonnes) and (where applicable) density (e.g., per unit of production, per facility)	Green Guardianship, Sustaining Nature - Pollution & Waste Management - Hazardous & Non-Hazardous Waste Management Appendix: Data Performance Table
A1.5	Description of emission reduction targets and steps taken to achieve them	Green Guardianship, Sustaining Nature
A1.6	Description of methods for handling hazardous/non-hazardous waste, waste reduction targets, and steps taken to achieve them	Green Guardianship, Sustaining Nature - Pollution & Waste Management - Hazardous & Non-Hazardous Waste Management
Level A2: Resource Use		
General Disclosure		Green Guardianship, Sustaining Nature
A2.1	Total direct/indirect energy consumption (e.g., electricity, gas, oil) by type (in thousand kWh) and density (e.g., per unit of production, per facility)	Green Guardianship, Sustaining Nature - Resource Stewardship- Energy Stewardship Appendix: Data Performance Table
A2.2	Total water consumption and density (e.g., per unit of production, per facility)	Green Guardianship, Sustaining Nature - Resource Stewardship- Water Stewardship Appendix: Data Performance Table
A2.3	Description of energy efficiency targets and steps taken to achieve them	Green Guardianship, Sustaining Nature

Indicator	Details	Chapter
A2.4	Description of water source challenges, water efficiency targets, and steps taken to achieve them	Green Guardianship, Sustaining Nature - Resource Stewardship- Water Stewardship
A2.5	Total packaging materials used in finished products (in tonnes) and (where applicable) per production unit	Green Guardianship, Sustaining Nature - Resource Stewardship- Packaging Material Stewardship Appendix: Data Performance Table
Level A3: Environment & Natural Resources		
General Disclosure		Green Guardianship, Sustaining Nature
A3.1	Description of significant environmental/natural resource impacts from operations and management actions taken	Green Guardianship, Sustaining Nature
Level A4: Climate Change		
General Disclosure		Green Guardianship, Sustaining Nature - Climate Change Mitigation
A4.1	Description of material climate-related issues affecting/ expected to affect the issuer and response actions	Green Guardianship, Sustaining Nature - Climate Change Mitigation
B Social		
Level B1: Employment		
General Disclosure		People-Oriented Care, Forging Harmony
B1.1	Total employees by gender, employment type (full-time/ part-time), age group, and region	People-Oriented Care, Forging Harmony - Employee Rights and Benefits - Equal Employment Appendix: Data Performance Table
B1.2	Employee turnover rate by gender, age group, and region	People-Oriented Care, Forging Harmony - Employee Rights and Benefits - Equal Employment Appendix: Data Performance Table
Level B2: Health & Safety		
General Disclosure		People-Oriented Care, Forging Harmony
B2.1	Annual work-related fatalities and rates over past 3 years (including reporting year)	People-Oriented Care, Forging Harmony - Occupational Health and Safety - OHS Goals & Metrics Appendix: Data Performance Table
B2.2	Number of workdays lost due to injuries	People-Oriented Care, Forging Harmony - Occupational Health and Safety - OHS Goals & Metrics Appendix: Data Performance Table
B2.3	Description of Occupational Health and Safety measures and implementation/monitoring methods	People-Oriented Care, Forging Harmony - Occupational Health and Safety
Level B3: Development & Training		
General Disclosure		People-Oriented Care, Forging Harmony
B3.1	Percentage of trained employees by gender and employee category (senior/middle management, etc.)	People-Oriented Care, Forging Harmony - Talent Development - Employee Training Appendix: Data Performance Table
B3.2	Average training hours per employee by gender and employee category	People-Oriented Care, Forging Harmony - Talent Development - Employee Training Appendix: Data Performance Table
Level B4: Labor Standards		
General Disclosure		People-Oriented Care, Forging Harmony
B4.1	Description of recruitment review measures to prevent child/forced labor	People-Oriented Care, Forging Harmony - Employee Rights and Benefits - Robust Recruitment & Equal Employment

Indicator	Details	Chapter
B4.2	Description of steps taken to eliminate violations when detected	People-Oriented Care, Forging Harmony - Employee Rights and Benefits - Robust Recruitment & Equal Employment
Level B5: Supply Chain Management		
General Disclosure		Responsibility in Motion, Collaboration in Action — Forging Sustainable Pathways for Battery Supply Chains
B5.1	Number of suppliers by region	Responsibility in Motion, Collaboration in Action — Forging Sustainable Pathways for Battery Supply Chains - Sustainable Supply Chain Management System
B5.2	Description of supplier engagement practices, number of compliant suppliers, and implementation/ monitoring methods	Responsibility in Motion, Collaboration in Action — Forging Sustainable Pathways for Battery Supply Chains - Sustainable Supply Chain Management System
B5.3	Description of practices for identifying environmental/ social risks across supply chain, and implementation/ monitoring methods	Responsibility in Motion, Collaboration in Action — Forging Sustainable Pathways for Battery Supply Chains
B5.4	Description of practices to promote eco-friendly products/services in supplier selection, and implementation/monitoring methods	Responsibility in Motion, Collaboration in Action — Forging Sustainable Pathways for Battery Supply Chains
Level B6: Product Responsibility		
General Disclosure		Excellence in Quality, Driving Innovation
B6.1	Percentage of products sold/shipped recalled for safety/ health reasons	Excellence in Quality, Driving Innovation - Product Quality and Safety - Product Quality Inspection
B6.2	Number of product/service complaints received and resolution methods	Excellence in Quality, Driving Innovation - Customer Service Excellence
B6.3	Description of practices for protecting intellectual property rights	Excellence in Quality, Driving Innovation - Intellectual Property Protection
B6.4	Description of quality assurance processes and product recall procedures	Excellence in Quality, Driving Innovation - Product Quality and Safety - Product Quality Inspection
B6.5	Description of consumer data protection & privacy policies, and implementation/monitoring methods	Steady Progress, Prioritizing Governance - Information Security and Privacy Protection
Level B7: Anti-Corruption		
General Disclosure		Steady Progress, Prioritizing Governance
B7.1	Number of concluded corruption cases against issuer/ employees during reporting period and outcomes	Steady Progress, Prioritizing Governance - Business Ethics & Anti-Corruption
B7.2	Description of preventive measures, whistleblowing procedures, and implementation/monitoring methods	Steady Progress, Prioritizing Governance - Business Ethics & Anti-Corruption
B7.3	Description of anti-corruption training provided to directors/employees	Steady Progress, Prioritizing Governance - Business Ethics & Anti-Corruption
Level B8: Community Investment		
General Disclosure		Social Commitment, Building Public Welfare
B8.1	Focus areas of contribution (e.g., education, environment, labor needs, health, culture, sports)	Social Commitment, Building Public Welfare
B8.2	Resources invested in focus areas (monetary or time)	Social Commitment, Building Public Welfare