

瑞浦兰钧可持续产品政策

REPT BATTERO Sustainable Products Policy

一、目的

I. Purpose

瑞浦兰钧股份有限公司(以下简称“瑞浦兰钧”或“本公司”)严格遵循《电气电子设备中限制使用有害物质指令》(ROHS)、《化学品注册、评估、授权和限制》(REACH)标准,积极推行产品全生命周期可持续管理,以持续降低产品环境足迹,提升资源利用效率,推动循环经济发展。

REPT BATTERO Energy Co., Ltd. (hereinafter referred to as “REPT BATTERO” or the “Company”) strictly complies with the Directive on the Restriction of the Hazardous Substances (RoHS) and the Regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). The Company actively promotes sustainable management throughout the full product lifecycle, reduces the environmental footprint of its products, improves resource use efficiency, and advances the development of a circular economy.

二、适用范围

II. Scope

本政策规定适用于本公司及旗下分子公司的所有业务与运营活动,并鼓励公司供应商、合作伙伴及其他价值链伙伴共同遵循本政策,共同推进产品可持续管理工作。

This Policy applies to all business and operational activities of the Company and its branches and subsidiaries. The Company also encourages its suppliers, business partners, and other value chain partners to adhere to this Policy and jointly advance sustainable product management.

三、管理架构与职责

III. Governance Structure and Responsibilities

本公司构建了体系化的可持续产品全生命周期管理架构,明确各环节责任部门职责,形成产品全生命周期的完整管理链条。本公司高级管理层全面参与可持续产品管理监督,由董事会担任可持续产品最高管理监督与指导机构,由董事会下设 ESG 委员会行使日常管理监督与指导责任。本公司 ESG 管理委员会负责统筹管理可持续产品工作,并由下设 ESG 办公室负责推进可持续产品策略制定,由研发中心、供应链管理中心、质量中心、市场营销中心及其他可持续产品议题关联业务部门支持具体行动落地执行。

The Company has established a systematic governance structure for sustainable management throughout the full product lifecycle, with clearly defined responsibilities for the departments involved at each stage, thereby forming a full product lifecycle

management chain. The Company's senior management is fully involved in overseeing sustainable product management. The Board of Directors serves as the highest-level body responsible for the oversight and guidance of sustainable products, while the ESG Committee under the Board exercises routine oversight and guidance on its behalf. The Company's ESG Management Committee is responsible for the overall coordination and management of sustainable product, and its ESG Office is responsible for advancing the development of sustainable product strategies. The R&D Center, Supply Chain Management Center, Quality Center, Marketing Center, and other business departments associated with sustainable product topics support the implementation of specific actions.

四、可持续产品全生命周期管理

IV. Sustainable Management Throughout the Full Product Lifecycle

瑞浦兰钧坚持将可持续发展理念融入产品全生命周期管理全过程，从产品研发设计、原材料采购、生产制造、产品交付到回收利用等环节系统推进可持续产品管理工作，持续降低产品全生命周期环境足迹，提升资源利用效率和循环利用水平，为客户提供安全、高效、绿色的能源解决方案。

REPT BATTERO insists on integrating the concept of sustainable development throughout the whole management process of the full product lifecycle. The Company systematically advances sustainable product management across product R&D and design, raw material procurement, manufacturing, product delivery, recycling, and reuse. Through these efforts, the Company reduces the environmental footprint of its products throughout their lifecycle, improves resource efficiency and circular resource use, and provides customers with safe, efficient, and green energy solutions.

公司建立覆盖产品全生命周期的管理机制，将环境保护、资源节约、循环经济、产品安全及供应链可持续发展要求纳入产品管理体系，并通过持续改进推动产品环境绩效不断提升。

The Company has established a management mechanism covering the full product lifecycle. Requirements relating to environmental protection, resource conservation, the circular economy, product safety, and sustainable supply chain development are incorporated into the product management system. The Company improves the environmental performance of its products through ongoing enhancement of this mechanism.

1、绿色产品设计与研发

1. Green Product Design and R&D

公司坚持将绿色设计理念融入产品研发全过程，在产品立项、设计开发、测试验证及产品迭代阶段充分考虑产品对环境和社会的潜在影响，推动产品环境绩效持续提升。

The Company insists on integrating green design principles throughout the whole product development process. Potential environmental and social impacts are fully considered during project initiation, design and development, testing and validation,

and product iteration, thereby improving product environmental performance.

在产品开发过程中，公司综合评估原材料选择、生产制造、运输储存、产品使用及生命周期结束后的回收利用等环节对环境产生的影响，持续优化产品设计方案。在产品开发过程中优先考虑低环境足迹原材料、可再生材料及可回收材料的应用，并减少受限制有害物质的使用。

During product development, the Company comprehensively assesses the environmental impacts associated with raw material selection, manufacturing, transportation and storage, product use, and end-of-life recycling and recovery, and optimizes product design solutions. Priority is given to the use of raw materials with a low environmental footprint, renewable materials, and recyclable materials, and the use of restricted hazardous substances is reduced.

公司结合产品应用场景，持续提升产品能量密度、循环寿命、安全性能及运行效率，通过提高产品耐久性和资源利用效率，降低产品全生命周期资源消耗和环境影响。在研发阶段同步关注产品生产过程中的能源消耗、温室气体排放、水资源消耗及废弃物产生情况，并持续推动产品设计优化。

Taking into account different product application scenarios, the Company improves product energy density, cycle life, safety performance, and operational efficiency. By enhancing product durability and resource efficiency, the Company reduces resource consumption and environmental impacts throughout the full product lifecycle. During the R&D stage, the Company also considers energy consumption, greenhouse gas emissions, water consumption, and waste generation in product manufacturing, and optimizes product design accordingly.

同时，公司积极推进模块化设计、易拆解设计及可回收设计，提高关键零部件回收利用便利性，为退役产品回收和资源循环利用创造条件。在产品包装设计及物流方案优化过程中，持续提升包装材料循环利用率，降低运输和仓储环节对环境的影响。

The Company actively promotes modular design, design for disassembly, and design for recyclability to facilitate the recovery and reuse of key components and create favorable conditions for the recycling of end-of-life products and the circular use of resources. In optimizing product packaging and logistics solutions, the Company increases the reuse and recycling rate of packaging materials and reduces the environmental impacts of transportation and warehousing.

为支持可持续产品开发，公司持续投入研发资源和预算，开展新材料、新工艺、新技术研究，并定期组织研发、产品开发、采购及质量管理等相关岗位开展绿色设计和可持续产品开发培训，不断提升员工专业能力和管理水平。

To support sustainable product development, the Company invests R&D resources and budgets in research on new materials, new processes, and new technologies. It also regularly provides training on green design and sustainable product development for employees engaged in R&D, product development, procurement, quality management, and other relevant functions, thereby enhancing employees' professional capabilities

and management expertise.

2、产品合规与有害物质管理

2. Product Compliance and Hazardous Substance Management

公司严格遵守 RoHS、REACH 及其他适用法律法规要求，公司建立产品有害物质信息管理机制，持续追踪受法规限制或重点关注物质（包括但不限于 SVHC、POPs 及其他危险物质）的使用情况，并评估相关产品的环境与健康风险。

The Company strictly complies with RoHS, REACH, and other applicable laws and regulations. It has established a product hazardous substance information management mechanism to track the use of substances subject to regulatory restrictions or particular concern, including but not limited to substances of very high concern (SVHCs), persistent organic pollutants (POPs), and other hazardous substances, and to assess the associated environmental and health risks of relevant products.

公司建立覆盖采购、供应商管理及生产制造全过程的有害物质风险评估机制，以识别、评价和控制产品全生命周期中的有害物质风险，持续降低产品可能对人体健康和环境产生的不利影响。风险评估重点考虑原材料、零部件及相关活动的有害物质风险特性，供应商管理绩效和评估结果，有害物质检测结果及其来源可靠性，以及历史不合格事件和风险记录等因素。对于识别出的风险，公司根据风险等级制定相应的控制措施和改进计划，对于持续无法满足公司有害物质管理要求的供应商，公司将终止其供应资格。

The Company has established a hazardous substance risk assessment mechanism covering procurement, supplier management, and the whole manufacturing process. The mechanism is used to identify, evaluate, and control hazardous substance risks throughout the full product lifecycle and to reduce products' potential adverse impacts on human health and the environment. The risk assessment focuses on factors including the hazardous substance risk characteristics of raw materials, components, and related activities; supplier management performance and assessment results; hazardous substance testing results and the reliability of their sources; and historical non-conformity incidents and risk records. For identified risks, the Company formulates corresponding control measures and improvement plans based on the level of risk. Suppliers that remain unable to meet the Company's hazardous substance management requirements will have their supplier qualifications terminated.

同时，公司针对产品实现全过程建立有害物质控制要求，在原材料采购、生产制造、检验测试及产品交付等环节明确控制项目、技术标准、监测要求及记录管理要求，并通过定期监测和持续改进确保有害物质风险处于可控范围。

The Company has also established hazardous substance control requirements throughout the whole product realization process. Control projects, technical standards, monitoring requirements, and record management requirements are clearly defined for raw material procurement, manufacturing, inspection and testing, and product delivery. Regular monitoring and continuous improvement are implemented to ensure that hazardous substance risks remain under control.

公司持续推进有害物质减量化和替代工作。对于法律法规限制使用或行业普遍认可应逐步退出的有害物质，公司制定阶段性替代和淘汰计划，并持续投入研发资源和专项预算推动相关技术开发和应用。公司亦积极参与行业交流与合作，与行业协会、科研机构及产业链伙伴共同探索有害物质替代方案和最佳实践，推动行业绿色低碳发展。公司将定期披露有害物质管理及替代工作的实施进展，不断提升产品环境信息透明度。

The Company constantly advances the reduction and substitution of hazardous substances. For hazardous substances whose use is restricted by laws and regulations, or which are widely recognized by the industry as substances that should be progressively phased out, the Company develops phased substitution and phase-out plans and invests R&D resources and special-purpose budgets to support the development and application of relevant technologies. The Company also actively participates in industry exchanges and cooperation, working with industry associations, research institutions, and value chain partners to explore hazardous substance substitution solutions and best practices and to advance green and low-carbon development across the industry. The Company will regularly disclose progress in the implementation of hazardous substance management and substitution and improve the transparency of product environmental information.

3、可持续原材料管理

3. Sustainable Raw Material Management

公司将可持续发展要求纳入采购管理全过程，持续推动负责任采购和可持续供应链建设，降低原材料获取和使用过程中对环境和社会的潜在影响。董事会及高级管理层定期审阅可持续原材料管理工作进展，对相关政策、目标及重点工作进行监督和指导。

The Company incorporates sustainability requirements throughout the whole procurement management process and advances responsible sourcing and the development of a sustainable supply chain to reduce the potential environmental and social impacts associated with the extraction and use of raw materials. The Board of Directors and senior management regularly review progress in sustainable raw material management and oversee and provide guidance on relevant policies, targets, and priority initiatives.

公司积极推动环境、社会及治理要求融入供应商准入、绩效评价及日常管理过程，持续提升供应链可持续发展水平。

The Company actively integrates environmental, social, and governance requirements into supplier admission, performance evaluation, and routine management processes, thereby continuously improving the sustainability performance of its supply chain.

公司致力于降低原材料全生命周期对环境和社会的负面影响，并持续提高经第三方验证的可持续原材料和再生原材料使用比例。

The Company is committed to reducing the negative environmental and social impacts of raw materials throughout their lifecycle and increasing the proportion of third party-verified sustainable raw materials and recycled raw materials used.

公司积极与供应商、客户、行业协会、科研机构及其他利益相关方开展合作，共同探索可持续原材料应用路径及最佳实践。

The Company actively collaborates with suppliers, customers, industry associations, research institutions, and other stakeholders to jointly explore pathways and best practices for the application of sustainable raw materials.

公司避免采购来源于依法禁止开发区域或具有重要生态价值区域的原材料，并关注原材料获取过程中的生物多样性保护要求。

The Company avoids procuring raw materials sourced from areas where development is prohibited by law or from areas of significant ecological value and takes into account biodiversity conservation requirements in the raw material extraction process.

为持续提升原材料可持续管理水平，公司制定并实施可持续原材料行动计划：

To continuously improve its sustainable raw material management, the Company has developed and implemented a Sustainable Raw Materials Action Plan:

3.1 定期开展原材料优先级评估工作，综合考虑环境影响、社会风险、采购金额、使用规模及供应风险等因素，识别重点关注原材料并制定针对性管理措施。

3.1 The Company regularly conducts raw material prioritization assessments, taking into account environmental impacts, social risks, procurement expenditure, scale of use, supply risks, and other factors. Based on the assessment results, the Company identifies priority raw materials and develops targeted management measures.

3.2 持续推进关键原材料追溯体系建设，对锂、镍、钴等关键矿产开展来源追踪和风险管理，提高供应链透明度和可追溯能力。

3.2 The Company advances the development of a traceability system for key raw materials and conducts source tracing and risk management for critical minerals such as lithium, nickel, and cobalt, thereby improving supply chain transparency and traceability.

3.3 通过供应商审核、能力建设、技术支持及持续沟通等方式，推动供应商降低原材料生产过程中的能源消耗、温室气体排放、污染物排放及资源消耗水平，并持续改善劳工权益、职业健康安全、商业道德及人权管理表现。

3.3 Through supplier audits, capacity building, technical support, and ongoing communication, the Company encourages suppliers to reduce energy consumption, greenhouse gas emissions, pollutant emissions, and resource consumption during raw material production and to improve their performance in labor rights, occupational health and safety, business ethics, and human rights management.

3.4 逐步提高经第三方验证的可持续原材料采购比例及再生原材料使用比例，并结合业务发展情况制定阶段性提升目标，定期评估相关目标实现进展，并适时向利益相关方披露实施情况。

3.4 The Company will progressively increase the proportion of third party-verified sustainable raw materials procured and recycled raw materials used. It will establish phased improvement targets in line with business development, regularly assess progress toward these targets, and disclose implementation progress to stakeholders as appropriate.

3.5 持续加强内部能力建设，定期组织采购、研发、质量及供应链管理等相关岗位开展可持续原材料管理培训，明确各岗位职责与管理要求。

3.5 The Company strengthens internal capacity building and regularly provides sustainable raw material management training for employees in procurement, R&D, quality, supply chain management, and other relevant functions, with clear responsibilities and management requirements defined for each position.

4、绿色制造与资源效率提升

4. Green Manufacturing and Resource Efficiency Improvement

公司持续推进绿色制造体系建设，严格遵守环境保护相关法律法规要求，通过技术创新、工艺优化及智能制造升级，不断提高资源利用效率，降低生产过程环境影响。公司持续完善环境管理体系，推动节能降碳、节水增效及污染防治工作，努力实现资源高效利用与环境绩效持续提升。

The Company advances the development of its green manufacturing system and strictly complies with environmental-protection-related laws and regulations. Through technological innovation, process optimization, and intelligent manufacturing upgrades, the Company constantly improves resource use efficiency and reduces the environmental impacts of its manufacturing processes. It also constantly improves its environmental management system and advances energy conservation and carbon reduction, water conservation and efficiency improvement, and pollution prevention and control, with the aim of achieving efficient resource use and continuous improvement in environmental performance.

公司积极践行清洁生产和循环经济理念，持续提升能源、水资源及原材料利用效率，减少废弃物产生并提高资源利用水平。同时，公司推动循环包装材料应用和回收利用，持续优化产品包装设计及物流管理模式，降低包装材料消耗和运输过程环境影响，促进资源循环利用和绿色低碳发展。

The Company actively practices the principles of clean production and the circular economy. It constantly improves the efficiency of energy, water, and raw material use, reduces waste generation, and increases the level of resource utilization. The Company also promotes the use, recovery, and reuse of circular packaging materials and optimizes product packaging design and logistics management models, to reduce packaging material consumption and the environmental impacts of transportation, thereby promoting circular resource use and green and low-carbon development.

5、电池回收与循环经济

5. Battery Recycling and the Circular Economy

公司积极践行生产者责任延伸理念，持续完善电池全生命周期管理体系，推动退役电池回收利用和资源循环利用，促进循环经济发展和产业链绿色转型。依托覆盖产品全生命周期的追溯管理机制，通过电池健康状态评估等方式识别退役电池剩余价值，推动梯次利用与再生利用，提高资源利用效率并减少资源浪费。

The Company actively applies the principle of extended producer responsibility and improves its battery full lifecycle management system. It promotes the recycling and recovery of end-of-life batteries and the circular use of resources, thereby supporting the development of a circular economy and the green transformation of the value chain. Through a traceability management mechanism covering the full product lifecycle, the Company assesses battery state of health and other indicators to identify the residual value of end-of-life batteries and promote second-life use and material recycling, thereby improving resource efficiency and reducing resource waste.

公司围绕回收、运输、拆解、检测、再生利用及碳足迹追踪等关键环节，持续推进循环利用体系建设，促进锂、镍、钴等关键资源循环利用和高价值回流，推动产业链协同发展和资源闭环管理。与此同时，积极关注电池护照、数字产品护照及其他国内外产品环境信息管理要求，不断提升产品全生命周期信息透明度和可追溯能力，强化从原材料获取、产品制造到回收利用全过程的数字化管理和碳足迹管理。

Focusing on key stages including collection, transportation, disassembly, testing, recycling, and carbon footprint tracking, the Company advances the development of its circular resource use system. It promotes the circular use and high-value recovery and reintegration of key resources such as lithium, nickel, and cobalt and facilitates coordinated value chain development and closed-loop resource management. At the same time, the Company closely follows requirements relating to Battery Passports, Digital Product Passports, and other domestic and international product environmental information management frameworks. It constantly improves information transparency and traceability throughout the full product lifecycle and strengthens digital management and carbon footprint management across the whole process, from raw material extraction and product manufacturing to recycling and recovery.

公司将持续推进易拆解设计、可维修设计及循环利用相关技术研发，深化循环经济布局，支持再生材料应用和资源循环利用，进一步降低产品全生命周期环境影响，推动构建更加透明、负责任和可持续的产业生态。

The Company will continue to advance design for disassembly, design for repairability, and the R&D of technologies relating to circular resource use. It will further deepen the development of its circular economy, support the use of recycled materials and circular resource use, reduce environmental impacts throughout the full product lifecycle, and promote the development of a more transparent, responsible, and sustainable industrial ecosystem.

6、可持续产品组合发展

6. Sustainable Product Portfolio Development

公司认为动力电池和储能电池产品是推动能源转型和绿色低碳发展的重要载体。公司持续加大动力电池、储能电池及相关绿色技术研发投入，不断丰富可持续产品组合，推动可持续产品收入占比持续提升。

The Company considers power batteries and energy storage batteries to be important enablers of the energy transition and green low-carbon development. The Company constantly increases its investment in the R&D of power batteries, energy storage batteries, and related green technologies, expands its sustainable product portfolio, and increases the proportion of revenue generated from sustainable products.

根据欧盟可持续金融分类方案对于“Manufacture of batteries”经济活动的定义，公司主营业务涉及动力电池及储能电池产品的研发、生产和销售，相关产品广泛应用于新能源汽车、储能系统及其他低碳应用场景，有助于推动温室气体减排和能源结构转型。

In accordance with the definition of the economic activity “Manufacture of batteries” under the EU Taxonomy for Sustainable Activities, the Company’s principal business activities include the R&D, manufacturing, and sale of power batteries and energy storage batteries. These products are widely used in new energy vehicles, energy storage systems, and other low-carbon application scenarios, contributing to greenhouse gas emissions reduction and the transformation of the energy mix.

公司持续推进绿色设计、资源循环利用、有害物质管理、环境合规管理及负责任供应链建设，积极对标欧盟可持续金融分类方案关于气候变化减缓、避免重大损害及最低保障要求的相关原则，不断提升产品全生命周期可持续发展表现。

The Company advances green design, circular resource use, hazardous substance management, environmental compliance management, and responsible supply chain development. It actively aligns its practices with the principles of climate change mitigation, “do no significant harm” and minimum safeguards under the EU Taxonomy for Sustainable Activities, thereby improving sustainability performance throughout the full product lifecycle.

公司将持续提升可持续产品收入占比，并通过研发投入、绿色制造设施建设及员工能力建设支持可持续产品发展，积极探索将可持续发展理念融入产品推广及市场开发活动，持续提升绿色产品市场竞争力和客户价值创造能力。

The Company will continue to increase the proportion of revenue generated from sustainable products and support sustainable product development through R&D investment, the development of green manufacturing facilities, and employee capacity building. It will also actively explore ways to integrate sustainability principles into product promotion and market development activities, enhancing the market competitiveness of its green products and its ability to create value for customers.