

环境政策 Environmental Policy

作为一家全球化的新能源企业，固德威深知环境保护对可持续发展的重要性，坚持以电力电子技术为基础，在新能源的制备技术、转换技术、储能技术和智慧能源管理系统平台等领域持续开拓创新，将公司的相关产品和解决方案推广至全球市场，致力于推动全球能源变革，携手电网、工商业园区、社区、客户共同开创智慧能源新时代！

本公司致力于实现环境可持续性，我们特制定环境政策，旨在通过一系列绿色行动，规范公司及整个供应链中在环境方面的管理要求与措施，减少对环境的影响，积极投身于降低温室气体排放，通过减少组织及产品层面的碳足迹、促进资源高效利用和推动循环经济，为应对全球气候变化做出贡献，并实现企业与自然的和谐共生。

本政策适用于固德威技术股份有限公司及合并财务报表的分、子公司，并要求供应商、服务商、承包商及其他主要业务合作伙伴积极遵守此政策或同等政策要求。

As a global new energy enterprise, GoodWe is well aware of the importance of environmental protection to sustainable development. It insists on taking power electronics technology as the basis, continuously pioneers and innovates in the fields of new energy preparation technology, conversion technology, energy storage technology and smart energy management system platform, promotes the company's related products and solutions to the global market, and is committed to promoting global energy transformation. Together with power grids, industrial and commercial parks, communities and customers, it will jointly create a new era of smart energy!

The company is committed to achieving environmental sustainability, and we have specially formulated an environmental policy, aiming to reduce the impact on the environment by regulating the management requirements and measures in the environmental aspect of the company and the entire supply chain through a series of green actions, and actively participate in reducing greenhouse gas emissions. By reducing the carbon footprint at the organizational and product levels, promoting efficient use of resources and promoting the circular economy, it contributes to addressing global climate change and realizes the harmonious symbiosis between the enterprise and nature.

This policy applies to GoodWe Technology Co., Ltd. and its branches and subsidiaries included in the consolidated financial statements, and requires suppliers, service providers, contractors and other major business partners to actively comply with this policy or equivalent policy requirements.

内部职责分配

Internal responsibility allocation

治理架构 Governance Architecture

建立“董事会-ESG 战略与管理委员会-ESG 执行层”三级环境管理体系，明确决策、监督、执行的分层责任机制：

Establish a three - level environmental management system of "Board of Directors - ESG Strategy and Management Committee - ESG Executive Level", and clarify the hierarchical responsibility mechanism for decision - making, supervision, and execution:

董事会：审批环境政策及中长期目标，审议环境绩效报告，对重大环境事项作出决策，保障环境管理战略与公司整体发展方向一致。

Board of Directors: Approve environmental policies and medium- and long-term goals, review environmental performance reports, make decisions on major environmental issues, and ensure that the environmental management strategy is consistent with the overall development direction of the company.

ESG 战略与管理委员会：由集团 ESG 重大议题领导小组、EHS 委员会、信息安全委员会和可持续发展研究院组成，负责环境政策落地规划、跨部门资源协调及目标拆解，每年向董事会专题汇报政策实施进展，确保环境管理工作有序推进。

ESG Strategy and Management Committee: Composed of the Leading Group for Major ESG Issues of the Group, the EHS Committee, the Information Security Committee, and the Institute of Sustainable Development, it is responsible for the implementation planning of environmental policies, cross - departmental resource coordination, and goal decomposition. It reports the progress of policy implementation to the board of directors on a special topic annually to ensure the orderly progress of environmental management work.

ESG 执行层 ESG implementation layer:

环境管理部门及 ESG 管理部门：牵头环境政策执行、环境数据监测统计、环保合规审核，组织开展清洁生产审核及 ISO 14001、ISO 50001 等体系认证维护，为各业务单元提供环保技术支持。

Environmental management department and ESG management department: Take the lead in implementing environmental policies, monitoring and statistics of environmental data, and reviewing environmental protection compliance. Organize cleaner production audits and maintain system certifications such as ISO 14001 and ISO 50001, and provide environmental protection technical support to each business unit.

研发部门：主导绿色产品设计与低碳技术研发，将环保要求融入产品全生命周期设计环节，推动新能源装备能效提升与环境友好性优化。

R & D department: Lead the design of green products and the R & D of low-carbon technologies, integrate environmental protection requirements into the design process of the entire product life cycle, and promote the improvement of energy efficiency and the optimization of environmental friendliness of new energy equipment.

生产部门：落实生产环节节能降耗、废弃物分类处置、化学品规范管理等要求，保障生产过程符合环保标准，及时整改环境管理隐患。

Production department: Implement requirements such as energy conservation and consumption reduction in the production process, classified disposal of waste, and standardized management of chemicals, ensure that the production process meets environmental protection standards, and promptly rectify potential environmental management hazards.

采购部门：推进绿色供应链建设，将环境绩效纳入供应商选择与评估标准，开展供应商环保合规审查，推动供应链上下游环保协同。

Procurement department: Promote the construction of a green supply chain, incorporate environmental performance into the criteria for supplier selection and evaluation, conduct environmental compliance reviews of suppliers, and promote environmental collaboration across the upstream and downstream of the supply chain.

各业务单元：设立专职 / 兼职环境管理员，负责本单元日常环境管理措施执行、环境问题收集反馈，组织本单元员工参与环保培训与绿色行动。

All business units: Appoint full-time/part-time environmental administrators to be responsible for the implementation of daily environmental management measures in the unit, the collection and feedback of environmental issues, and organize employees in the unit to participate in environmental protection training and green actions.

责任机制 Accountability mechanism

将环境绩效纳入各部门及管理层 KPI 考核体系，实行“环保一票否决制”，对环境管理工作突出的部门与个人予以表彰，对未达环保要求的进行问责。

Integrate environmental performance into the KPI assessment system of each department and management level, implement the "one-vote veto system for environmental protection", commend departments and individuals with outstanding environmental management work, and hold those who fail to meet environmental protection requirements accountable.

建立全员环境责任体系，每年组织不少于 2 次环保专题培训，确保全体员工掌握岗位相关环保要求与操作规范，鼓励员工通过“环保小站”等内部平台提出绿色改进建议。

Establish an environmental responsibility system for all employees, and organize at least two special environmental protection training sessions every year to ensure that all employees master the

environmental protection requirements and operating specifications related to their positions.

Encourage employees to put forward green improvement suggestions through internal platforms such as the "Environmental Protection Station".

主动接受内部员工与利益相关方监督，开通环境诉求反馈渠道（电话：0512-62396791；邮箱：[GOODWE-
Inform@goodwe.com](mailto:GOODWE-
Inform@goodwe.com)），及时回应并妥善处理环境相关意见与问题。

Actively accept supervision from internal employees and stakeholders, open an environmental appeal feedback channel (Phone: 0512 - 62396791; Email: [GOODWE -

[Inform@goodwe.com](mailto:GOODWE - Inform@goodwe.com)](mailto:GOODWE - [Inform@goodwe.com](mailto:GOODWE - Inform@goodwe.com))), and promptly respond to and properly handle environmental - related opinions and issues.

健全环境管理体系

Improve the environmental management system

公司的 ESG 战略与管理委员会作为最高管理机构，负责环境管理相关事务的决策与监督，跟踪考核环境管理相关绩效指标。公司董事长及高管领导组成安全生产委员会作为执行机构，全面落实统筹公司环境管理相关工作，将环境管理融入公司各项业务。

The ESG Strategy and Management Committee of the company, as the highest management institution, is responsible for the decision-making and supervision of environmental management-related affairs, and tracking and assessing the performance indicators related to environmental management. The Safety Production Committee, composed of the chairman and senior management of the company, serves as the executive body to fully implement and coordinate the company's environmental management-related work and integrate environmental management into various business operations of the company.

严格遵守环境管理相关的法律法规，包括但不限于《中华人民共和国环境保护法》《中华人民共和国大气污染防治法》《中华人民共和国固体废物污染环境防治法》《中华人民共和国水污染防治法》《中华人民共和国环境影响评价法》等，以及其他公司运营所在地的法律法规及实施细则和条例，全面落实环境合规要求。

承诺将环境政策全面融入公司治理与发展战略，将环境管理作为关键议题纳入公司可持续发展管理。积极推动环境管理体系的覆盖及完善，在所有制造工厂建立并维护 ISO 14001 等环境管理体系，确保持续改进。

Strictly abide by laws and regulations related to environmental management, including but not limited to the "Environmental Protection Law of the People's Republic of China", the "Atmospheric Pollution Prevention and Control Law of the People's Republic of China", the "Solid Waste Pollution Environmental Prevention and Control Law of the People's Republic of China", the "Water Pollution Prevention and Control Law of the People's Republic of China", the "Environmental Impact Assessment Law of the People's Republic of China", etc., as well as laws, regulations, implementation

rules and regulations in other locations where the company operates, and fully implement environmental compliance requirements.

Commit to fully integrating environmental policies into corporate governance and development strategies, and incorporate environmental management as a key issue into the company's sustainable development management. Actively promote the coverage and improvement of the environmental management system, establish and maintain environmental management systems such as ISO 14001 in all manufacturing plants, and ensure continuous improvement.

供应链管理

Supply Chain Management

优先选择采用环保材料、实施节能减排措施且符合可持续发展标准的供应商。在供应商选择过程中，确保所有供应商遵守可持续发展要求，并在供应商行为准则中明确减碳承诺。持续推进可持续采购战略，优先选择那些提供环境友好型产品和服务的供应商，同时考虑产品的全生命周期环境影响。

Give priority to choosing suppliers that use environmentally friendly materials, implement energy conservation and emission reduction measures, and comply with sustainable development standards. During the supplier selection process, ensure that all suppliers comply with sustainable development requirements and clearly define carbon reduction commitments in the supplier code of conduct. Continuously promote the sustainable procurement strategy, giving priority to those suppliers that provide environmentally friendly products and services, while considering the environmental impact of the entire product life cycle.

物流与运输

Logistics and Transportation

优化运输路线和方式，采用低碳运输选项，如铁路或海运，以及提高物流效率，减少空载和优化货物装载。鼓励供应商和物流公司使用新能源运输工具，如电动货车和生物燃料车辆，以减少温室气体排放。

Optimize transportation routes and methods, adopt low-carbon transportation options such as railways or sea transportation, and improve logistics efficiency, reduce empty loads and optimize cargo loading. Encourage suppliers and logistics companies to use new energy transportation tools, such as electric vans and biofuel vehicles, to reduce greenhouse gas emissions.

坚持循环经济原则，推动产品设计与创新

Adhere to the principles of circular economy and promote product design and innovation

产品生命末期 End of Product Life

在产品的设计过程中考虑全生命周期环境影响，优先设计轻量化、低能耗、长寿命的产品。同时积极推动循环经济实践，如产品设计的可回收性和耐用性，以及包装的最小化和可循环使用。

积极开展产品生命周期评估，承诺逐步提供有关产品环境影响的透明数字化信息，如环境产品声明（EPD）或 ISO14067 产品碳足迹认证。

开展产品模块化、易拆解设计，提高零部件复用率与材料回收率；与具备资质的专业机构合作，推进废弃光伏逆变器、储能电池等产品的安全、环保处置，减少产品废弃环节对环境的影响。

以 2023 年为基准，到 2030 年实现废旧储能电池材料回收率不低于 95%。

Consider the environmental impact throughout the product life cycle during the product design process, and prioritize the design of lightweight, low-energy-consuming, and long-lasting products. At the same time, actively promote circular economy practices, such as the recyclability and durability of product design, as well as the minimization and recyclability of packaging.

Actively conduct product life cycle assessments and commit to gradually providing transparent digital information on the environmental impact of products, such as Environmental Product Declarations (EPD) or ISO14067 product carbon footprint certifications.

Carry out modular and easily disassembled product design to improve the reuse rate of components and the recovery rate of materials; cooperate with qualified professional institutions to promote the safe and environmentally friendly disposal of waste photovoltaic inverters, energy storage batteries and other products, and reduce the environmental impact of the product disposal stage.

Based on the year 2023, by 2030, achieve a recycling rate of no less than 95% for waste energy storage battery materials.

能源消耗与积极应对气候变化 Actively Respond to Climate Change

优先采购并使用绿色清洁电力，在生产园区及办公区域推广光伏自发自用系统；持续优化生产设备与工艺流程能效，引入智能化能耗监测与管控系统，实时监控并降低能源消耗；推动供应链低碳转型，开展范围三温室气体排放核算与管理，助力全价值链碳减排。

Give priority to purchasing and using green clean electricity, and promote the self - use photovoltaic power generation system in production parks and office areas; Continuously optimize the energy efficiency of production equipment and technological processes, introduce an intelligent energy consumption monitoring and control system to monitor and reduce energy consumption in real - time; Promote the low - carbon transformation of the supply chain, conduct accounting and management of Scope 3 greenhouse gas emissions, and contribute to carbon emission reduction across the entire value chain.

不断提升碳盘查数据准确度，严谨、客观、及时披露碳排放信息，承诺每年计算并公布范围 1、2、3 的温室气体

体排放量。通过改善生产工艺、节能减排、使用清洁能源或其他措施减少温室气体排放。

按计划推进所有制造工厂温室气体核查。

Continuously improve the accuracy of carbon inventory data, rigorously, objectively and timely disclose carbon emission information, and commit to calculating and publishing the greenhouse gas emissions in Scopes 1, 2, and 3 annually. Reduce greenhouse gas emissions by improving production processes, saving energy, reducing emissions, using clean energy or other measures.

Advance the greenhouse gas verification of all manufacturing plants as planned.

以 2023 年为基准，到 2030 年范围一+范围二碳排放较基准年减少 30%，新增 20 款产品获得碳足迹证书或 EPD（环境产品声明）认证。

Based on the year 2023, by 2030, Scope 1 + Scope 2 carbon emissions will be reduced by 30% compared to the base year, and 20 new products will obtain carbon footprint certificates or EPD (Environmental Product Declaration) certifications.

不断提升碳盘查数据准确度，严谨、客观、及时披露碳排放信息，承诺每年计算并公布范围 1、2、3 的温室气体排放量。通过改善生产工艺、节能减排、使用清洁能源或其他措施减少温室气体排放。

按计划推进所有制造工厂温室气体核查。

Constantly improve the accuracy of carbon inventory data, disclose carbon emission information rigorously, objectively and in a timely manner, and commit to calculating and publishing greenhouse gas emissions in Scopes 1, 2, and 3 every year. Reduce greenhouse gas emissions through measures such as improving production processes, conserving energy and reducing emissions, using clean energy, or other means.

Promote the verification of greenhouse gas emissions in all manufacturing plants as planned.

保护生物多样性 Protecting biological diversity

遵守国家和地方关于生物多样性保护的法律法规，如《关于进一步加强生物多样性保护的意见》，确保所有业务活动均在法律框架内进行。支持政府和全球非政府组织的环境保护项目，积极参与各类生物多样性保护活动。

Comply with national and local laws and regulations on biodiversity conservation, such as the "Opinions on Further Strengthening Biodiversity Conservation", to ensure that all business activities are carried out within the legal framework. Support environmental protection projects of the government and global non-governmental organizations, and actively participate in various biodiversity conservation activities.

绿色办公倡议 Green Office Initiative

- 推广电子文档：鼓励使用电子邮件、云存储等工具替代纸质文件，减少纸张消耗。
- 远程办公与会议：在条件允许的情况下，鼓励员工远程办公，减少通勤产生的碳排放；使用视频会议软件代替

实地会议。

- 节能办公设备：采购能效等级高的办公设备，如节能灯泡、智能温控系统等，并定期检查维护以确保其高效运行。

- 办公耗材回收：设置废旧纸张、墨盒、电池等办公耗材回收站，与专业回收机构合作进行再利用或安全处置。

Promote electronic documents: Encourage the use of email, cloud storage and other tools to replace paper files and reduce paper consumption.

- Remote work and meetings: Where conditions permit, encourage employees to work remotely to reduce carbon emissions from commuting; use video conferencing software instead of on-site meetings.

- Energy-efficient office equipment: Purchase office equipment with high energy efficiency ratings, such as energy-saving light bulbs, intelligent temperature control systems, etc., and conduct regular inspections and maintenance to ensure their efficient operation.

- Office consumables recycling: Set up recycling bins for office consumables such as waste paper, ink cartridges, and batteries, and collaborate with professional recycling agencies for reuse or safe disposal.

推动建筑节能及零碳园区建设 Promote building energy conservation and zero-carbon park construction

使用高效节能设备和绿色建材，提高建筑围护结构的保温隔热性能，推动建筑电气化和智能化运行管理。降低建筑能耗。同时利用逆变器、储能、光电建材、充电桩、热泵产品等一体化解决方案，全面打造“零碳智慧园区”。

Use energy-efficient equipment and green building materials, improve the thermal insulation performance of the building envelope, and promote the electrification and intelligent operation management of buildings. Reduce building energy consumption. At the same time, use integrated solutions such as inverters, energy storage, photoelectric building materials, charging piles, and heat pump products to comprehensively build a "zero-carbon smart park".

用水管理 Water Management

公司承诺保障节水投入，优先选用节水型设施与器具，推动用水技术升级，从硬件层面筑牢节水基础。严格遵守国家及地方水资源管理法律法规，将水资源节约与高效利用纳入公司可持续发展战略，主动承担节水社会责任。持续降低单位人员生活用水量，确保各项节水量化目标如期实现，争做行业生活用水管理标杆。

The company promises to ensure investment in water conservation, give priority to the selection of water-saving facilities and appliances, promote the upgrading of water use technologies, and strengthen the foundation for water conservation at the hardware level. It will strictly abide by national and local laws and regulations on water resources management, incorporate water

conservation and efficient utilization into the company's sustainable development strategy, and actively assume the social responsibility for water conservation. The company will continuously reduce the domestic water consumption per person, ensure that all quantitative water conservation targets are achieved as scheduled, and strive to become a benchmark in domestic water management in the industry.

以 2023 年为基准到 2030 年公司年度用水总量较基准年下降 5%;

2023 年-2030 年期间确保每年员工节水知识知晓率达到 100%，每年开展节水培训不少于 2 次；

Based on the year 2023, the company's annual total water consumption will decrease by 5% compared with the base year by 2030.

Ensure that the awareness rate of water-saving knowledge among employees reaches 100% every year from 2023 to 2030, and conduct water-saving training at least twice a year.

交通绿色化 Green Transportation

为员工发放绿色交通补贴，鼓励员工使用公共交通工具、骑行或步行上下班；在公司停车场设置远超规范要求数量的充电桩，鼓励新能源车的使用；用光电建材建造车棚，为员工和来访者露天停车提供更好体验的同时，最大化利用有限土地资源产生可再生能源。

Provide green transportation subsidies for employees to encourage them to use public transportation, cycling or walking to commute; set up a far greater number of charging piles than the specification requirements in the company's parking lot to encourage the use of new energy vehicles; use photovoltaic building materials to build sheds, providing a better experience for employees and visitors to park in the open air, while maximizing the use of limited land resources to generate renewable energy.

化学品 Chemicals

公司承诺建立化学品全生命周期管理台账，从采购、储存、使用到废弃全环节跟踪管控；优先采购低毒、低污染、环境风险可控的替代化学品，减少高风险化学品使用；配备泄漏防护、应急吸附等处置设施；定期开展化学品安全与环保培训，每年组织不少于 1 次化学品泄漏应急演练，防范化学品环境风险。

The company promises to establish a ledger for the full - life cycle management of chemicals, tracking and controlling all links from procurement, storage, use to disposal; giving priority to the procurement of alternative chemicals with low toxicity, low pollution and controllable environmental risks to reduce the use of high - risk chemicals; equipping with facilities for leakage protection and emergency adsorption; regularly conducting safety and environmental protection training on chemicals, and organizing at least one emergency drill for chemical leakage every year to prevent environmental risks posed by chemicals.

以 2023 年为基准，到 2030 年危化品使用量较基准年减少 20%，化学品泄漏事故发生率为 0。到 2030 年供应

商化学品合规性审核覆盖率达到 100%。

Based on the year 2023, by 2030, the usage of hazardous chemicals will be reduced by 20% compared to the base year, and the incidence of chemical leakage accidents will be 0. By 2030, the coverage rate of chemical compliance audits for suppliers will reach 100%.

废弃物管理 Waste Management

- 实施垃圾分类：在办公区域及公共区域设置明确的垃圾分类收集点，引导员工正确分类投放垃圾。
- 有害垃圾专项处理：确保有害垃圾如废化学品容器、荧光灯管等得到专业机构的安全处理。
- 厨余湿垃圾专项处理：确保公司开设食堂所产生的厨余垃圾定点分类回收并专项清运，降低沿程环境污染的同时，通过回收有机垃圾有效降低碳排放量。

2023 年-2030 年期间确保每年有害废弃物规范处置率 100%。

以 2023 年为基准，到 2030 年工业固废综合利用率达到 95%，危险废弃物产生量较基准年下降 30%，实现包装材料 100% 可回收或可降解。

- Implement garbage sorting: Set up clear garbage sorting collection points in office areas and public areas to guide employees to sort and dispose of garbage correctly.
- Special treatment of hazardous waste: Ensure that hazardous waste such as waste chemical containers and fluorescent tubes is safely treated by professional institutions.
- Special treatment of kitchen waste: Ensure that the kitchen waste generated by the company's cafeteria is classified and recycled at fixed points and specially transported. While reducing environmental pollution along the way, the carbon emissions are effectively reduced by recycling organic waste.

Ensure that the standardized disposal rate of hazardous waste reaches 100% annually from 2023 to 2030.

Based on the situation in 2023, by 2030, the comprehensive utilization rate of industrial solid waste should reach 95%, the generation of hazardous waste should be reduced by 30% compared with the base year, and 100% of packaging materials should be recyclable or biodegradable.

消费者健康与安全 Consumer Health and Safety

公司承诺建立产品全流程健康安全管控体系，从原材料选型、生产加工到成品出厂，杜绝有害物质超标；配备环境适应性测试、并网安全测试等关键检测设备，确保每台产品出厂前通过严格检测；建立快速客户诉求响应机制，对产品环保或安全相关问题承诺 48 小时内响应，及时提供解决方案与技术支持。

以 2023 年为基准，到 2030 年实现产品全生命周期有害物质零添加，储能系统、光电建材等核心产品通过 UL、TÜV 等国际安全认证覆盖率 100%，产品环保与安全相关客诉解决满意度达到 98% 以上，因产品环保或安全问题引发的客诉率低于 0.1%。

The company promises to establish a full - process health and safety control system for products.

From raw material selection, production and processing to the shipment of finished products, it will prevent the excessive presence of harmful substances. It is equipped with key testing equipment such as environmental adaptability testing and grid - connected safety testing to ensure that each product passes strict inspections before leaving the factory. A rapid customer demand response mechanism is established. For product - related environmental protection or safety issues, a response is promised within 48 hours, and solutions and technical support will be provided in a timely manner.

Based on the year 2023, by 2030, the company aims to achieve zero addition of harmful substances throughout the product lifecycle. The core products such as energy storage systems and photovoltaic building materials will achieve 100% coverage of international safety certifications such as UL and TÜV. The satisfaction rate of resolving customer complaints related to product environmental protection and safety will reach over 98%, and the customer complaint rate caused by product environmental protection or safety issues will be lower than 0.1‰.

产品使用 Product Usage

以“高效节能、环境友好”为核心开展产品研发设计，确保光伏并网逆变器、储能逆变器等核心产品能效水平优于行业标准；通过智慧能源管理系统为用户提供个性化能耗优化方案，助力用户降低能源消耗与碳排放；持续改进产品运行稳定性，减少产品使用过程中的故障与能耗损失。

到 2030 年，重点产品生命周期研究覆盖率达到 100%，推出的储能系统产品全生命周期能效提升至 90% 以上。

Conduct product R & D and design centered around "high efficiency, energy conservation, and environmental friendliness" to ensure that the energy efficiency levels of core products such as photovoltaic grid - connected inverters and energy storage inverters are better than industry standards. Provide users with personalized energy consumption optimization solutions through the smart energy management system to help users reduce energy consumption and carbon emissions. Continuously improve the operational stability of products to reduce faults and energy consumption losses during product use.

By 2030, the coverage rate of life cycle research on key products will reach 100%, and the full - life cycle energy efficiency of the launched energy storage system products will be improved to over 90%.

员工参与与培训 Employee Participation and Training

对员工进行环保意识和可持续实践的培训，将环保理念融入企业文化，鼓励员工在日常生活中践行绿色生活方式。设立各类合理化建议通道，鼓励员工提出节能减排的创新点子，并给予奖励。

Train employees on environmental awareness and sustainable practices, integrate environmental protection concepts into the corporate culture, and encourage employees to practice a green lifestyle in their daily lives. Establish various channels for reasonable suggestions, encourage employees to put forward innovative ideas for energy conservation and emission reduction, and give rewards.

利益相关方参与 Stakeholder Engagement

与政府、行业协会、非政府组织、工会和其他利益相关方合作，共同推动全产业链的可持续性。

Collaborate with the government, industry associations, non-governmental organizations, trade unions and other stakeholders to jointly promote the sustainability of the entire industrial supply chain.

环境风险评估与应对 Environmental Risk Assessment and Response

建立环境风险评估机制，定期对生产经营活动进行环境风险评估，识别潜在风险点。针对识别出的环境风险，制定详细的应急预案，并定期组织演练，确保在突发环境事件时能够迅速有效应对。

Establish an environmental risk assessment mechanism, conduct environmental risk assessments on production and operation activities regularly, and identify potential risk points. For the identified environmental risks, formulate detailed emergency plans and organize regular drills to ensure a prompt and effective response in case of sudden environmental incidents.

监管合规和报告 Regulatory Compliance and Reporting

设定明确的环保目标，建立环境绩效监测体系，定期跟踪目标达成情况。确保所有活动符合当地和国际的环境法规，并定期发布可持续发展报告，加强与政府、客户、供应商及公众之间的沟通，增强企业经营的透明度，接受社会各界的监督与建议，不断完善环境管理工作。

Set clear environmental protection goals, establish an environmental performance monitoring system, and regularly track the achievement of goals. Ensure that all activities comply with local and international environmental regulations, and regularly publish sustainability reports. Strengthen communication with the government, customers, suppliers and the public, enhance the transparency of business operations, accept supervision and suggestions from all sectors of society, and continuously improve environmental management work.

政策更新与审查机制 Policy Update and Review Mechanism

定期审查 Regular review

年度审查：ESG 战略与管理委员会每年第一季度组织开展环境政策执行情况审查，对照量化目标分析各核心环境议题绩效数据，识别执行过程中的问题与改进方向，提交董事会审议，报告通过公司官网向社会公开，接受公众监督。

三年全面评估：每三年开展一次环境政策全面评估，结合国家及地方环保法律法规更新（如《光伏制造行业规范条件》修订）、行业技术发展趋势（如低碳制造、绿色材料技术突破）、利益相关方（客户、员工、社区）

诉求变化等，评估政策适用性与目标合理性。

Annual review: The ESG Strategy and Management Committee organizes a review of the implementation of environmental policies in the first quarter of each year. It analyzes the performance data of each core environmental issue against the quantitative targets, identifies problems and improvement directions in the implementation process, and submits them to the board of directors for review. The report is made public on the company's official website for public supervision.

Three - year comprehensive assessment: A comprehensive assessment of environmental policies is conducted every three years. Considering updates to national and local environmental protection laws and regulations (such as revisions to the "Specification Conditions for the Photovoltaic Manufacturing Industry"), trends in industry technological development (such as breakthroughs in low - carbon manufacturing and green material technologies), and changes in the demands of stakeholders (customers, employees, communities), the applicability of the policies and the rationality of the targets are evaluated.

更新流程 Update process

当出现以下情形时，启动政策更新程序：国家/地方环保法规重大调整、行业环保标准升级、公司业务范围拓展（如新增光电建材产能、海外生产基地）、量化目标连续两年未达成、核心环境议题出现新风险等。

由环境管理部门牵头，联合研发、生产、采购等相关部门起草政策更新草案，经 ESG 战略与管理委员会组织论证、职工代表大会征求员工意见后，报董事会审批。更新后的政策自发布之日起生效，通过公司官网及内部文档云系统公示，确保全体员工与利益相关方知晓。

The policy update process shall be initiated under the following circumstances: significant adjustments to national/local environmental protection regulations, upgrades to industry environmental protection standards, expansion of the company's business scope (such as adding production capacity for photovoltaic building materials or establishing overseas production bases), failure to achieve quantitative targets for two consecutive years, emergence of new risks in core environmental issues, etc.

The environmental management department shall take the lead and collaborate with relevant departments such as R & D, production, and procurement to draft a policy update proposal. After the ESG Strategy and Management Committee conducts an evaluation and the employee representatives' congress solicits employees' opinions, it shall be submitted to the board of directors for approval. The updated policy shall come into effect as of the date of issuance and be publicly announced through the company's official website and internal document cloud system to ensure that all employees and stakeholders are aware of it.

合规与认证 Compliance and Certification

每年委托第三方机构开展至少一次环保合规性审计，确保公司生产运营各环节符合废气、废水、噪声、固废等排放标准；持续维护 ISO 14001 环境管理体系、ISO 50001 能源管理体系认证有效性，积极参与国家级绿色工厂、绿色供应链管理企业等评价工作，以外部认证推动内部环境管理水平提升。

Commission a third-party institution to conduct at least one environmental compliance audit annually to ensure that all aspects of the company's production and operation comply with emission standards for waste gas, wastewater, noise, solid waste, etc.; Continuously maintain the effectiveness of the ISO 14001 Environmental Management System and ISO 50001 Energy Management System certifications, and actively participate in evaluations for national-level green factories and green supply chain management enterprises, using external certifications to drive the improvement of internal environmental management.

持续改进和创新 Continuous improvement and innovation

不断寻求新的技术、工艺和方法来减少组织及产品碳足迹，如采用人工智能和物联网技术进行能源管理和优化、智能排产、物料库存策略优化等。

Constantly seek new technologies, processes, and methods to reduce the carbon footprint of the organization and products, such as using artificial intelligence and Internet of Things technologies for energy management and optimization, intelligent production scheduling, and optimization of material inventory strategies.

通过实施上述环境政策，我们坚信能够为公司创造一个更加绿色、可持续的发展环境，为全球的可持续发展贡献我们的力量。

By implementing the above environmental policies, we firmly believe that we can create a greener and more sustainable development environment for the company, and contribute our strength to global sustainable development.

本政策经公司批准，自 2023 年 9 月 7 日起生效。

This policy was approved by the Board of Directors effective 7 September, 2023.

黄敏

Min Huang

董事长兼总经理

Chairman of the Board of Directors and President

日期：2023 年 9 月 6 日

Date: 2023/9/6