



# 环境政策

Environmental Policy

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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.

## 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**

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。

In the process of product design, consider the environmental impact of the entire life cycle, and give priority to designing lightweight, low-energy-consuming, and long-life 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 ISO 14067 product carbon footprint certifications.

## **积极应对气候变化** **Actively Respond to Climate Change**

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**

安装节水器具，定期检查水管网，防止跑冒滴漏；推广雨水收集与再利用系统，践行雨污分流的排水系统。

Install water-saving appliances, regularly inspect the water pipe network to prevent leakage and waste; promote the rainwater collection and reuse system, and implement the drainage system

with separate rain and sewage.

## **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.

## **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。
- 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.

## **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.



## **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建一个更加绿色、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.