



# 2024年度

## 环境、社会和公司治理报告

Environmental, Social and Corporate Governance Report

# 关于本报告

## About this Report

国家电投集团远达环保股份有限公司努力保证报告信息的真实性、准确性、客观性、完整性，力争全面介绍公司年度履责理念、行动、绩效以及改进措施。我们希望通过发布报告等方式加强与利益相关方的沟通，促进合作；增进利益认同、情感认同、价值认同，凝聚可持续发展合力。

本报告是由国家电投集团远达环保股份有限公司向社会发布的2024年度环境、社会和公司治理报告，秉承着真实、可靠的原则，向各利益相关方披露公司2024年在环境、社会和公司治理领域开展的工作及取得的成果。

### 报告范围

如无另外说明，本报告涵盖的组织范围为本公司及其附属公司。本报告为年度报告，报告期间为2024年1月1日至2024年12月31日，部分内容超过本期间。

### 编制依据

本报告依据国务院国有资产监督管理委员会《央企控股上市公司ESG专项报告编制研究》、上海证券交易所《上海证券交易所上市公司自律监管指引第14号——可持续发展报告（试行）》、全球可持续发展标准委员会(GSSB)《可持续发展报告标准(GRI Standards)》要求编制。

### 报告编制原则

**重要性：**以利益相关方沟通结果为参考，并采用重要性评估的方式，识别本公司报告期内的的重要性议题，进而围绕重要性议题编制本报告。

**量化：**适时附注列明量化资料所用标准、方法及适用的假设；

**一致性：**在可行情况下及除非另有注明，披露统计方法与往年报告一致，以确保有意义之比较。

### 数据来源

除特殊说明之外，本报告所引用的信息与数据均来源于公司的内部文件或有关公开资料。本报告已经公司董事会审议通过，公司董事会保证本报告内容不存在任何虚假记载、误导性陈述或重大遗漏。

SPIC Yuanda Environmental Protection Co., Ltd. spares no effort to guaranteeing the authenticity, accuracy, objectivity, and completeness of the report information. It also makes every effort to comprehensively present the Company’s annual responsibility concept, actions, performance, and improvement measures. We hope to enhance communication with stakeholders by issuing this report, boosting cooperation. We also strengthen the identification in terms of interests, emotions, and values by issuing reports, converging the efforts for sustainable development.

This report is the 2024 ESG Report released by SPIC Yuanda Environmental Protection Co., Ltd. to the public. Upholding the principles of authenticity and reliability, it discloses to all stakeholders the Company’s efforts and accomplishments in the areas of ESG throughout 2024.

### Report scope

Unless otherwise specified, the scope of organization covered by this report comprises the Company and its subsidiaries. This report is an annual report covering the period from January 1, 2024, to December 31, 2024. Some contents extend beyond this period.

### Basis of preparation

This report is prepared in accordance with the requirements of the *Research on Preparation of ESG Special Report for Listed Companies Controlled by Central Enterprises* of State-owned Assets Supervision and Administration Commission of the State Council, *SSE Self-regulatory Guidelines for the Companies Listed No. 14 – Sustainable Development Report (Trial)* of Shanghai Stock Exchange and the *GRI Standards* of Global Sustainability Standards Board (GSSB).

### Report preparation principles

**Importance:** Referring to the results of communication with stakeholders and adopting importance evaluation, the key issues during the reporting period of the Company has been identified. Subsequently, this report has been prepared around these key issues.

**Quantification:** The standards, methods, and applicable assumptions used in quantifying data are timely presented in notes.

**Consistency:** Where practicable and unless otherwise specified, the statistical methods disclosed are consistent with those in the previous reports to guarantee a meaningful comparison.

### Data source

Unless otherwise specified, the information and data referenced in this report are all sourced from the internal documents of the Company or relevant public data. This report has been deliberated and approved by the Board of Directors which ensures no false records, misleading statements or major omissions in the contents of this report.

## 报告称谓 Companies involved in this report

公司简称 Abbreviation of the Company	公司全称 Full name of the Company
远达环保 / 本公司 / 公司 / 我们 Yuanda Environmental Protection/the Company/Company/we	国家电投集团远达环保股份有限公司 SPIC Yuanda Environmental Protection Co., Ltd.
远达工程、工程公司 Yuanda Engineering/Engineering Company	国家电投集团远达环保工程有限公司 SPIC Yuanda Environmental Protection Engineering Co., Ltd.
催化剂公司 Catalyst Company	国家电投集团远达环保催化剂有限公司 SPIC Yuanda Environmental Catalyst Co., Ltd.
特许经营公司 Franchise Company	重庆远达烟气治理特许经营有限公司 Chongqing Yuanda Flue Gas Treatment Franchise Co., Ltd.
水务公司、远达水务 Water Company and Yuanda Water	国家电投集团远达水务有限公司 SPIC Yuanda Water Service Co., Ltd.
渝地公司 Yudi Company	重庆远达渝地环境治理有限公司 Chongqing Yuanda Yudi Environment Governance Co., Ltd.
科技公司 Scientific and Technical Company	重庆远达烟气治理特许经营有限公司科技分公司 Scientific and Technical Branch of Chongqing Yuanda Flue Gas Treatment Franchise Co., Ltd.
北京公司 Beijing Company	国家电投集团远达环保北京科技中心 SPIC Yuanda Environmental Protection Beijing Science and Technology Center
沈阳远达 Shenyang Yuanda	沈阳远达环保工程有限公司 Shenyang Yuanda Environmental Protection Engineering Co., Ltd.
生态能源公司 Ecological Energy Company	国电投远达生态能源有限公司 SPIC Yuanda Ecological Energy Co., Ltd.
山东远知 Shandong Yuanzhi	山东远知环保有限公司 Shandong Yuanzhi Environmental Protection Co., Ltd.
国家电投集团 SPIC	国家电力投资集团有限公司 State Power Investment Corporation Limited

### 货币单位

如无特殊说明，货币单位均为人民币元。

### 报告编制流程

本报告经过调研访谈、资料收集、框架确定、报告编写、报告设计、部门与高层审核等环节完成编制。

### 报告获取

您可以在上海证券交易所 (https://www.sse.com.cn)、国家电投集团远达环保股份有限公司官方网站 (https://www.zdydep.com) 查阅和下载本报告。

### 联系方式

各位的宝贵意见对本公司持续改善环境及社会表现至关重要。如您对本报告有任何疑问或建议，欢迎通过以下方式联络本公司：

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联系电话：(023) 65933055 联系传真：(023) 65933000  
电子邮箱：ydhb\_dm@spic.com.cn

### Monetary unit

Monetary unit is RMB unless otherwise specified.

### Report preparation process

This report is prepared through investigation and interviews, data collection, frame determination, report writing, report design, review by department and senior leaders and other links.

### Report accessibility

This report can be viewed and downloaded at the website of Shanghai Stock Exchange (https://www.sse.com.cn) and SPIC Yuanda Environmental Protection Co., Ltd. (https://www.zdydep.com).

### Contact information

Your valuable feedback is of great significance to the Company in terms of continuous environmental improvement and social performance. For any questions or suggestions on this report, please contact us:

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# 走进远达环保

About Yuanda Environmental Protection

## 公司介绍

Company profile

远达环保是国家电投集团唯一的环保产业平台，能源生态融合发展新兴产业技术总成和专业服务单位，A股上市企业（股票代码600292）。公司是中国工业烟气治理领域、催化剂制造领域的领军企业，扎根重庆、辐射全国，专业从事大气、水污染治理，固（危）废处理处置，矿山及土壤修复等环保业务，新能源、综合智慧能源等能源业务。拥有大气污染防治、水处理、固体废物处理等环保领域多项资质，并拥有电力设计、施工等新能源建设相关资质。同时，连续多年荣获国家及省级重大项目奖项，具有较强的业务承接能力和领先的行业竞争地位。项目覆盖国内**31个**省、自治区、直辖市，并延伸至境外国家**10个**，其中“一带一路”沿线8个国家。公司年收入47亿元，资产总额约100亿元。

Yuanda Environmental Protection serves as the sole company in the environmental protection industry within the SPIC. It acts as the technical integration and professional service provider for emerging industries in the integrated development of energy and ecology. Moreover, it is an A-share listed company (stock code: 600292). The Company stands as a pioneering company in China's industrial flue gas treatment and catalyst manufacturing sectors. Headquartered in Chongqing, it extends its influence nationwide. It specializes in environmental protection services, including atmospheric and water pollution treatment, solid (hazardous) waste treatment and disposal, mine and soil remediation, as well as energy-related services such as new energy and comprehensive smart energy. The Company holds many qualifications in terms of environmental protection, such as air pollution prevention, water treatment, and solid waste treatment. Additionally, it possesses qualifications related to new energy construction, such as power design and construction. Simultaneously, the Company has been granted major project awards at the national and provincial levels for consecutive years. This attests to its robust business undertaking capabilities and leading competitive position within the industry. The projects are located all over **31 provinces, autonomous regions**, and municipalities directly under the central government, and are also expanded to 10 overseas countries, including **8 countries** along the "Belt and Road Initiative". The Company's annual revenue amounts to **RMB 4.7 billion**, while its total assets approximate **RMB 10 billion**.

当前，远达环保围绕“双碳”目标下新型电力系统构建和“美丽中国”建设，牢牢把握国家电投集团“均衡增长战略”，贯彻落实国家电投集团与重庆市“11.28”会谈精神，统筹能源生态融合“两个赛道”发展，有序推动打造国家电投境内水电资产整合平台，在全面融入国家电投集团、服务国家绿色低碳发展中实现新的价值创造。

Currently, around the construction of a new power system and a "beautiful China" within the framework of the "carbon peaking and carbon neutrality" goals, Yuanda Environmental Protection firmly adheres to the "balanced growth strategy" of SPIC, implements the spirit of the "11.28" meeting between SPIC and Chongqing. It is engaged in the development of the "two tracks" of energy-ecology integration and orderly establishes a platform for integrating domestic hydropower assets of SPIC. Through these efforts, it aims to create new values in fully integrating into SPIC and contributing to the country's green and low-carbon development.

公司年收入  
Annual revenue amounts to

**47** RMB 4.7 billion  
亿元

资产总额约  
Total assets approximate

**100** RMB 10 billion  
亿元





## 业务概览

Business overview



### 烟气治理工程

Flue gas treatment project



### 烟气治理特许经营

Flue gas treatment franchise



### 脱硝催化剂制造

Manufacturing of denitration catalyst



### 水环境治理

Water environment improvement



### 土壤修复

Soil remediation



### 固危废处理处置

Treatment and disposal of solid  
(hazardous) waste



### 新能源+沙漠生态综合治理

New energy + comprehensive management  
of desert ecology



### CCUS全流程技术研发及资源化利用

R&D of CCUS whole process technology and  
its resource utilization



### 能源生态融合发展

Energy-ecology integration development

## 企业文化

Company culture

建成国内一流的生态环保领军企业，创  
新型能源生态融合发展领军企业，绿能  
低碳生态科技领航上市公司。

Develop the Company into a domestic first-class  
pioneering company in ecological environmental  
protection, a pioneering company in the innovative  
energy-ecology integration development, and a leading  
listed company in green energy and low-carbon ecology  
science and technology.

### 企业愿景

Company vision

围绕“双碳”目标下新型电力系统构建  
和“美丽中国”建设，紧扣国家电投集团  
“均衡增长战略”。

Center on around the construction of a new power  
system and a “beautiful China” within the framework of  
the “carbon peaking and carbon neutrality” goals, and  
firmly adhere to the “balanced growth strategy” of SPIC.

### 发展主线

Development focus

### 产业定位

Industrial positioning

坚定“绿能、低碳、生态、科技”方向，  
聚焦“能源环保+环保能源”产业定位。

Firmly adhere to the direction of “green energy, low  
carbon, ecology and science and technology” and  
concentrate on the industrial positioning of “energy and  
environmental protection + environmental protection  
and energy”.

### 业务模式

Business mode

实施“工程服务+投资运营”双轮驱动，  
为客户提供多维度综合服务。

Implement a dual-wheel drive strategy featuring  
“engineering services + investment operations”, to offer  
customers multi-faceted and comprehensive services.

## 回顾 2024 Review 2024

### 一月 January

▶ 国家电投报道《远达环保承建的长兴岛 CCUS 项目关键指标国内领先》。  
SPIC reported the news that *Key Performance Indicators of the Changxing Island CCUS Project Undertaken by Yuanda Environmental Protection Are at the Forefront in China.*

重庆日报报道远达环保《给燃煤电厂戴上“大口罩” 捕集二氧化碳做可乐》相关新闻。  
Chongqing Daily reported relevant news about Yuanda Environmental Protection: *Coal-fired Power Plants Are Equipped with a "Giant Mask" to Capture Carbon Dioxide and Produce Coke.*

### 二月 February

▶ 中国电力报要闻版报道《生态岛上的“捕碳者”》，介绍远达环保三亚金元椰景蓝岸分布式光伏并网相关内容。  
China Electric Power News reported on the *"Carbon Capturer" on Ecological Island* in its news section. The report introduced relevant contents regarding the Distributed PV Grid Connection Project of Yuanda Environmental Protection in Jinyuan Yejing Lanan, Sanya.

远达环保获批重庆市重点实验室。  
A key laboratory of Yuanda Environmental Protection in Chongqing has been approved.

### 三月 March

▶ 远达环保“三级式分区协同除尘脱硫系统”荣获中国技协 2023 年中国专利年度奖一等奖。  
“Three-level partitioned collaborative dust removal and desulfurization system” of Yuanda Environmental Protection has been granted the First Prize of China Patent Award in 2023 by the China Association for Science and Technology.

远达环保“国内首个**10 万吨级**燃煤燃机全流程 CCUS 装备正式投入商用”入选 2023 年度重庆市十大科技进展。  
The domestic first **100,000 t** coal-fired gas turbine full-process CCUS equipment from Yuanda Environmental Protection that has been put into official commercial operation has been selected as one of the top ten scientific and technological advancements in Chongqing in 2023.

### 四月 April

▶ 远达环保长兴岛 CCUS 项目、催化剂公司低碳工厂、柘城大科第一污水厂、低温脱硝催化剂等信息引发媒体广泛关注。  
The information about Changxing Island CCUS Project of Yuanda Environmental Protection, the low-carbon factory of the Catalyst Company, Zhecheng Dake No. 1 Sewage Plant, and the low-temperature denitration catalyst have all attracted extensive media attention.

### 五月 May

▶ 远达环保“低能耗碳捕集成套技术及工程应用”项目顺利通过中国电机工程学会科学技术成果鉴定为国际领先水平。  
The “Packaged Technology of Carbon Capture with Low Energy Consumption and Project Application” Project of Yuanda Environmental Protection has been at the international leading level upon appraisal of scientific and technological achievements by the Chinese Society for Electrical Engineering.

### 六月 June

▶ 国家电投官网党纪学习教育专题版块报道《远达环保党委推动党纪学习教育落实见效》。  
SPIC reported the news that *The Party Committee of Yuanda Environmental Protection Has Effectively Promoted the Implementation of Party Discipline Learning and Education* in its special section on Party discipline learning and education in its official website.

远达环保获评“2024 十大重庆社会责任影响力年度企业”。  
Yuanda Environmental Protection has been honored with the title of “Top Ten Enterprises with Social Responsibility Influence in Chongqing in 2024”.

### 七月 July

▶ 远达环保内蒙古白音华坑口电厂新建脱硫工程项目正式投运。  
The New Desulfurization Project of the Baiyinhua Kengkou Power Plant in Inner Mongolia, undertaken by Yuanda Environmental Protection, has been officially put into operation.

远达环保云南楚雄南华独田箐**90MW**光伏发电工程项目正式并网投产。  
The **90 MW** PV Power Generation Project in Dutianqing, Nanhua County, Chuxiong Prefecture, Yunnan Province, undertaken by Yuanda Environmental Protection, has been officially put into operation.

### 八月 August

▶ 远达环保发布 2024 年半年报业绩，营业收入**19.87 亿元**，同比增长**8.65%**。  
Yuanda Environmental Protection released its 2024 semi-annual report results. The Company achieved an operating income of **RMB 1.987 billion**, reaching a year-on-year increase of **8.65%**.

### 九月 September

▶ 远达环保荣获国家电投集团“青安杯”安全生产知识竞赛团体三等奖。  
Yuanda Environmental Protection has been granted the Third Prize (Team) in the SPIC “Qing’ an Cup” Work Safety Knowledge Competition.

远达环保庆祝新中国成立 75 周年职工文艺活动圆满完成。  
The literary and artistic activities of employees organized by Yuanda Environmental Protection to commemorate the 75th anniversary of the founding of the People’s Republic of China were successfully concluded.

### 十月 October

▶ 远达环保合川金星综合智慧能源项目并网。  
The Jinxing Comprehensive Smart Energy Project in Hechuan, undertaken by Yuanda Environmental Protection, has been successfully connected to the grid.

远达环保获评重庆服务业企业 100 强。  
Yuanda Environmental Protection has been honored with the title of Top 100 Service Enterprises in Chongqing.

### 十二月 December

▶ 远达环保获评上市公司董事会优秀实践案例。  
Yuanda Environmental Protection has been honored with the title of Excellent Practice Case of the Board of Directors of Listed Companies.

远达环保获评上市公司董事会办公室优秀实践案例。  
Yuanda Environmental Protection has been honored with the title of Excellent Practice Case of the Office of the Board of Directors of Listed Companies.

远达环保获评“ESG 金牛奖碳中和二十强”。  
Yuanda Environmental Protection has been honored with the title of “ESG Golden Bull Top 20 in Carbon Neutrality”.

远达环保科技成果获评 2024 年国家电投“科技进步一等奖”。  
Scientific and technological achievements of Yuanda Environmental Protection have been honored with the title of “First Prize of Scientific and Technological Progress” by SPIC in 2024.



企业荣誉  
Company honor



# 董事长致辞

Address by the Chairman

2024年是远达环保锚定“双碳”目标、践行绿色发展使命的关键之年。面对全球气候变化挑战与产业变革浪潮，我们始终秉持“绿能、低碳、生态、科技”的发展理念，将ESG理念融入公司发展的每一个脉络，在能源环保与环保能源的融合赛道上阔步前行，以实际行动书写责任担当，为推动经济、社会与环境的和谐共生贡献力量。

## 我们以绿色为笔，绘就低碳发展新图景

我们聚焦“双碳”目标，以技术创新为引擎，突破关键技术瓶颈，为CCUS产业化落地奠定基础，支持上海长兴岛燃煤燃机CCUS项目连续稳定运行，累计减排二氧化碳超15万吨。我们成功实现二氧化碳加氢制甲醇工艺“零的突破”，每吨甲醇可消纳1.4吨二氧化碳，为二氧化碳资源化利用开辟新路径。我们在光伏组件回收和风机叶片回收等技术领域取得积极突破，已建成具有领先优势的技术示范线。我们持续深耕电力环保、工业气水固综合治理等业务，项目遍布全国31个省、自治区、直辖市，为各地的蓝天、碧水、净土保卫战注入强劲动力，以科技之力守护“美丽中国”。

2024 is a crucial year for Yuanda Environmental Protection. It is also a year when the “carbon peaking and carbon neutrality” goals are set, and the mission of green development is fulfilled. In the face of the challenges posed by global climate change and the tide of industrial transformation, we always uphold the development philosophy of “green energy, low carbon, ecology and science and technology” . We seamlessly integrate the ESG concept into every aspect of the Company’s growth. During the integration of energy and environmental protection, and environment protection and energy, we take firm strides forward. We assume our responsibilities through practical actions and contribute to promoting the harmonious co-existence of the economy, society, and environment.

## We set out low-carbon development based on the green concept.

Focusing on the “carbon peaking and carbon neutrality” goals, we surmount crucial technical bottlenecks by harnessing technological innovation, thereby laying a solid foundation for the industrialization of CCUS. We support the continuous and stable operation of the Coal-fired Gas Turbine CCUS Project in Shanghai Changxing Island. We have successfully reduced carbon dioxide emissions by over 150,000 t. We have made a successful “zero breakthrough” in the process of hydrogenating carbon dioxide to methanol. In this process, 1 t methanol can absorb 1.4 t carbon dioxide. This accomplishment creates a new path for the resource-oriented utilization of carbon dioxide. We have achieved positive breakthroughs in the technical aspects of recycling of PV modules and fan blades. Moreover, we have successfully established a leading-edge technology demonstration line. We have been deeply engaged in the services such as environmental protection of power, and comprehensive management of industrial gas, water, and solid waste. Projects are distributed across all 31 provinces, autonomous regions, and municipalities directly under the central government. These endeavors have injected robust impetus into the efforts of safeguarding the blue skies, clear waters, and unpolluted lands in various localities. We protect the “beautiful China” by using science and technology.

## 我们以责任为基，共筑社会价值同心圆

我们以“为客户创造更大价值”为目标，及时响应客户需求，并根据客户反馈持续优化改进。2024年，公司客户满意度达95.3分，用品质与诚信书写责任担当。我们秉持“公开、公平、公正”“四个领先”的原则，寻求合作共赢着力点，共同推动绿色供应链建设。我们为员工提供丰富的培训课程与晋升渠道，通过开展各类团建活动、员工关怀计划，营造积极向上、团结友爱的工作氛围，让每一位员工在实现自身价值的同时，也为社会发展贡献力量。我们充分履行企业社会责任，积极参与社会建设，以行动诠释央企担当，获评“十大重庆社会责任影响力年度企业”。

## 我们以治理为舵，夯实百年基业长青路

我们坚持党的领导，持续完善公司治理结构，加强内部控制与风险管理，确保公司运营规范、透明。我们严格遵循相关法律法规与监管要求，及时、准确地披露公司信息，提升投资价值，保障股东与利益相关方的合法权利，荣获“上市公司董事会优秀实践案例”、第二届“国新杯·ESG金牛奖”碳中和二十强等相关奖项。我们不断优化公司治理，让公司在稳健发展的道路上行稳致远。

展望未来，我们将始终心怀“国之大者”，将绿色基因融入血脉，以科技赋能生态，以责任守护民生，在美丽中国建设的征程中勇毅前行，携手各界共绘可持续发展的壮美画卷！

## We jointly construct concentric circles of social values around responsibility.

We aim at “creating greater value for customers” . We promptly respond to customer needs and conduct continuous optimization and improvement in line with feedback from customers. In 2024, the Company achieved a customer satisfaction score of 95.3 points. We demonstrate our responsibility through quality and integrity. We uphold the principles of “openness, fairness, and justice” as well as “Four Leading” . We seek the focal points for win-win cooperation and jointly drive the construction of a green supply chain. We provide employees with diverse training courses and promotion channels. We foster a positive, united, and amicable work atmosphere through various team building activities and employee care programs. This enables every employee to contribute to social development while fulfilling their own value. We fully perform corporate social responsibilities, actively participate in social construction, and demonstrate the responsibilities of a central enterprise through practical actions. As a result, we have been honored with the title of “Top Ten Companies with Social Responsibility Influence in Chongqing” .

## We lay a solid foundation for century-old business based on governance.

Under the leadership of the Party, we continuously improve the corporate governance structure, and enhance internal control and risk management, thereby ensuring the Company’s operations are carried out in a standardized and transparent manner. In strict accordance with relevant laws, regulations, and regulatory requirements, we disclose company information timely and accurately, enhance investment value and safeguard the legitimate rights and interests of shareholders and stakeholders. We have been granted relevant awards such as the “Excellent Practice Case of the Board of Directors of Listed Companies” and the 2nd “CRHC Cup•ESG Golden Bull Award” Top 20 in Carbon Neutrality. The Company makes steady progress by constantly optimizing corporate governance.

Looking forward to the future, we will always keep “the top priorities of the country” in mind. We will thoroughly implement the green concept, boost ecological progress by using science and technology, and shoulder responsibility to safeguard people’s livelihood. We will stride forward courageously during the construction of a beautiful China, and work together with personnel from all walks of life to achieve sustainable development!



# ESG 治理

ESG Governance

## 推进 ESG 管理

Promoting ESG management

### 01 治理

Governance

远达环保积极推进 ESG 体制机制建设，将 ESG 体系融入公司生产和经营过程，赋能公司高质量、可持续发展。公司初步构建由董事会负责最终审核决策、资本部牵头开展相关工作、各部门及子公司配合的 ESG 报告编制组织架构和工作机制。

Yuanda Environmental Protection actively promotes the construction of ESG system and mechanism. It integrates the ESG system into the Company's production and operation process, thereby achieving high-quality and sustainable development. The Company has initially set up the organization structure and working mechanism that the Board of Directors makes the final audit decisions, the Capital Department takes the lead in relevant work, and all departments and subsidiaries make collaboration in the preparation of ESG report.

### 02 战略

Strategy

远达环保作为国家电投集团环保产业平台、能源生态融合发展技术总成和专业服务单位，紧扣“双碳目标、美丽中国”两条主线，围绕服务集团产业绿色低碳发展，深入贯彻落实“四个均衡增长”战略，确立“绿能、低碳、生态、科技”转型方向，聚焦“能源环保+环保能源”产业定位和“三商”战略定位，实施“工程服务+投资运营”双轮驱动，持续优化业务发展和产业结构，强化核心功能，提升核心竞争力，实现公司高质量转型发展。

Yuanda Environmental Protection serves as the company in the environmental protection industry within the SPIC, technical integration and professional service provider for the integrated development of energy and ecology. Closely adhering to the two focuses of the “carbon peaking and carbon neutrality” goals and “beautiful China” and centering on serving the green and low-carbon development of the group industry, it deeply implements the strategy of “balanced growth in four aspects”, and defines the transformation direction of “green energy, low carbon, ecology and science and technology”. It also focuses on the industrial positioning of “energy and environmental protection + environmental protection and energy” and the strategy of “three service providers”, Moreover, it adopts a dual-drive strategy of “engineering services + investment operation”, consistently optimizes its business development and industrial structure, strengthens its core functions, and improves its core competitiveness, thus attaining high-quality transformation and development.

### 03 影响、风险和机遇管理

Impact, risk and opportunity management

公司积极强化 ESG 管理，举办报告编制工作启动会，讲解相关政策要求及核心议题内容，努力实现高质量 ESG 管理和信息披露。公司积极建立透明的沟通机制，保障利益相关方知情权。

The Company actively enhances ESG management, and convenes a kick-off meeting for report preparation, during which relevant policy requirements and core issues are elaborated. These efforts attain high-quality ESG management and information disclosure. The Company actively sets up a transparent communication mechanism, so as to safeguard stakeholders' right to know.

### 04 指标与目标

Indicators and targets

2024 年

In 2024

公司开展 ESG 相关培训

the Company carried out the training related to ESG once

1 次

荣获 ESG 相关奖项

It has been granted 5 awards related to ESG

5 项

#### 案例 CASE

远达环保 ESG 管理提质，获评“ESG 金牛奖碳中和二十强”“2024 十大重庆社会责任影响力年度企业”

Yuanda Environmental Protection has witnessed an upgrade in ESG management. It has been honored with the title of “ESG Golden Bull Award” “Top 20 in Carbon Neutrality” and “Top Ten Companies with Social Responsibility Influence in Chongqing in 2024”.

远达环保积极履行社会责任，在信息披露事务管理、投资者关系管理、践行 ESG 理念等方面的重要贡献，先后获评“ESG 金牛奖碳中和二十强”“2024 十大重庆社会责任影响力年度企业”。

Yuanda Environmental Protection actively performs social responsibilities. It has made significant contributions in terms of information disclosure, affairs management, investor relation management, and implementation of ESG concepts. Consequently, it has been granted the “ESG Golden Bull Award” “Top 20 in Carbon Neutrality” and “Top Ten Companies with Social Responsibility Influence in Chongqing in 2024”.



## 重要性议题识别

### Identification of important issues

公司根据“利益相关方沟通-议题识别-重要性评估-审核确定”的步骤，开展利益相关方调研和重要性议题评估工作。我们系统性地识别公司在ESG方面所面临的关键议题，并从“财务重要性”与“影响重要性”两个维度来评估议题。根据业务所在地监管政策、利益相关方需求分析、ESG披露标准和国际主流ESG评级等，识别出与公司高度相关的重要性议题。

公司向强化同利益相关方的沟通，接收不同利益相关方对议题的重要性排序结果及提升建议，经外部专业研判和公司内部审议，识别判定2024年度远达环保可持续发展重要性议题矩阵。

The Company undertakes stakeholder research and evaluation of significant issues following the steps of “stakeholder communication - issue identification - importance evaluation - review and determination”. We systematically identify the Company’s key issues in terms of ESG. Subsequently, we evaluate these issues from two aspects: “financial significance” and “impact significance”. In accordance with the regulatory policies of the places where its business is located, stakeholder need analysis, ESG disclosure standards, international mainstream ESG rating, etc., key issues highly related to the Company are identified.

The Company strengthens communication with stakeholders. It collects the ranking results from various stakeholders regarding the importance of issues, as well as their suggestions for improvement. Subsequently, the Company identifies and determines sustainable development importance matrix of Yuanda Environmental Protection for 2024 through external professional research and internal deliberation.



## 利益相关方沟通

### Stakeholder communication

公司与利益相关方保持密切沟通，及时获悉各方期待和建议，高度关注外部环境及市场变化对公司的影响，并关注媒体刊载的相关报道，保证公司与相关方的沟通顺畅和公司经营、质量、环境、健康安全正常运行，避免发生损害利益相关方权益的情形。

The Company maintains close communication with stakeholders, timely learns the expectations and suggestions of all parties, highly focuses on the influence of external environment and market changes on the Company, and pays attention to relevant reports published by the media, so as to ensure smooth communication between the Company and stakeholders and normal operation of the Company’s operation, quality, environment, health and safety, and avoid situations that damage the rights and interests of stakeholders.



## 政府与监管机构

Government bodies and supervisory authorities



### 期望与诉求

Expectation and requirements

#### 依法纳税

Tax payment according to laws

#### 响应国家政策

Response to national policies

#### 合规经营

Compliance management

#### 品牌、技术引领

Brand and leading with technology



### 沟通机制

Communication mechanism

#### 项目合作

Project cooperation

#### 监督检查

Supervision and inspection

#### 专题汇报

Subject report

#### 专题研讨会

Symposium



### 回应与行动

Response and action

#### 带动就业

Employment promotion

#### 依法纳税

Tax payment according to laws

#### 诚信合规经营

Honest and compliance management

#### 参与公益活动

Participation in public welfare activities



## 股东

Shareholders



### 期望与诉求

Expectation and requirements

#### 财务业绩

Financial performance

#### 保障投资者权益

Protection of rights and interests of investors



### 沟通机制

Communication mechanism

#### 风险管理

Risk management

#### 可持续发展

Sustainable development

#### 履行法定信息披露义务

Fulfilling statutory obligations of information disclosure

#### 业绩路演

Performance roadshow

#### 投资者交流会

Investor exchange meeting



### 回应与行动

Response and action

#### 提高盈利能力

Improvement of profitability

#### 发布定期和临时公告

Issuing regular and temporary announcements

#### 加强上证 e 互动管理

Strengthening SSE e interaction management



员工 Employees

期望与诉求  
Expectation and requirements

权益保障  
Protection of rights and interests

绩效与晋升  
Performance and promotion

培训与发展  
Training and development

沟通机制  
Communication mechanism

成立各级工会组织  
Establishing trade union organizations at all levels

设立投诉、反馈信箱  
Setting up complaint and feedback mailboxes

职工代表大会  
Congress of workers and employees

走访调研  
Visit and investigation

回应与行动  
Response and action

晋升机制清晰  
Clear promotion mechanism

定期培训  
Regular training

开展企业文化活动  
Implementing company culture activities

商业伙伴 Business partners

期望与诉求  
Expectation and requirements

反腐败  
Anti-corruption

合作共赢  
Win-win cooperation

沟通机制  
Communication mechanism

举行招投标会议  
Holding bidding meetings

资质考察  
Qualification inspection

合同谈判  
Contract negotiation

业务交流会议  
Business exchange meeting

回应与行动  
Response and action

公开采购信息  
Open procurement information

供应链管理  
Supply chain management

非政府组织 Non-governmental organization

期望与诉求  
Expectation and requirements

可持续发展  
Sustainable development

应对气候变化  
Combat with climate change

沟通机制  
Communication mechanism

论坛交流会  
Forum exchange meeting

回应与行动  
Response and action

参加论坛会议  
Attending forum meetings

分享企业经验  
Sharing company experience

客户 Customer

期望与诉求  
Expectation and requirements

优质产品  
Quality product

信息安全  
Information security

诚信经营  
Honest operation

沟通机制  
Communication mechanism

举行客户满意度调查  
Holding customer satisfaction survey

投诉热线电话  
Complaint hotline

日常联络  
Daily contact

客户沟通大会  
Customer communication meeting

回应与行动  
Response and action

产品创新  
Product innovation

客户走访  
Customer visit

问卷调查  
Questionnaire

网站、微信公众号信息发布  
Information release of websites and WeChat official accounts

社区 Community

期望与诉求  
Expectation and requirements

公益慈善  
Public charity

社区经济发展  
Economic development of community

社区文化保护  
Cultural protection of community

沟通机制  
Communication mechanism

社区活动  
Community activities

宣传教育  
Publicity and education

环境信息公示  
Environment information publicity

实地调研  
Field survey

举报投诉热线  
Report and complaint hotline

回应与行动  
Response and action

参加公益活动  
Participation in public welfare activities

项目风险评估  
Project risk assessment



# 稳健前行 厚植治理根基

Making Steady Progress,  
Laying a Solid Governance Foundation

01

远达环保坚定不移推进全面从严治党，强化廉洁教育与纪律建设，筑牢全员思想堤坝。公司不断完善治理体系，切实维护投资者权益，建立内控和风险管理机制，坚守商业道德底线，严守市场竞争规则，确保运营合规有序，为长远可持续发展夯实根基。

Yuanda Environmental Protection unwaveringly promotes exercising full and strict governance over the Party, strengthens integrity education and discipline construction, and builds an ideological line of defense for all staff. The Company has constantly improved the governance system, earnestly protected the rights and interests of investors, established the internal control and risk management mechanism, firmly adhered to the bottom line of business ethics, and strictly abode by the rules of market competition, ensuring compliant and orderly operation. All these efforts have laid a solid foundation for long-term and sustainable development.

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# 坚持党建引领

Adhere to the guidance of Party building

远达环保坚持以习近平新时代中国特色社会主义思想为指引，深入贯彻落实党的二十大精神，以高质量党建引领保障公司高质量转型发展。公司落实全面从严治党，推动党风廉政建设，持续开展党纪学习教育，筑牢员工思想防线，为实现高质量发展凝聚强大动力，推动公司在稳健发展的道路上不断前行。

Yuanda Environmental Protection adheres to the guidance by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, thoroughly implements the spirit of the 20th National Congress of the CPC, and ensures the high-quality transformation and development of the Company with high-quality building of Party. The Company implements exercising full and strict governance over the Party, promotes the Party conduct and integrity construction, continuously conducts learning and education on Party discipline, and establishes a solid ideological line of defense for employees, so as to gather strong impetus for the high-quality development, thus promoting the Company to steadily keep moving forward in terms of steady development.

## 压实党建促整改，创新发展铸品牌

Strengthening Party building to promote rectification, launching innovative development to create a brand

持续压实党建工作责任，制度化、清单化、常态化落实全面从严治党主体责任、党委书记第一责任人责任、“一岗双责”及纪委监督责任。

The Company continuously strengthens the responsibility for Party building work, and implements the principal responsibility for exercising full and strict governance over the Party, the responsibility of the Party Committee Secretary as the first responsible person, “one post, two responsibilities” and supervision responsibility of the Discipline Inspection Commission in an institutionalized, inventorized and normalized manner.

扎实推动巡视整改见实效，依据中央巡视整改“一方案三清单”，推进规范履职待遇等**125项**措施落地见效，重大风险隐患防范成效明显。

The Company solidly promotes effectiveness of inspection and rectification, drives implementation and effectiveness of **125 measures**, including standardization for remuneration and benefits related to duty performance, in line with the “one plan and three lists” for central inspection and rectification, and make significant results in major risk and hidden danger prevention.

统筹开展“安全生产与合规经营”“持恒强基”能力提升活动，引导党员干部示范落实“做有效益的项目、把项目做出效益”，推动公司经营质量稳步提升。

The Company carries out the “work safety and compliance management” and ability enhancement activity of “maintaining the core and strengthening the foundation”, guides Party member cadres to exemplify and implements “undertaking profitable projects and ensuring project profitability”, thus promoting the steady enhancement of the Company’s operation quality.

组织层层开展党建联建，组建党员突击队，大力抢抓“大火电”机遇，“BOT+EPC”协同开发。围绕减碳降碳和能源废弃物循环利用开展党支部重点科技攻坚活动，技术、成本等关键指标取得新突破。

The Company carries out multi-level joint Party building activities, establishes Party member task forces, vigorously seizes the “large-scale thermal power” opportunity, and conducts collaborative development of “BOT + EPC”. The Company organizes the Party branch to undertake critical scientific and technological tasks around carbon reduction and energy waste recycling, making new breakthroughs in key indicators such as technology and cost.

深入打造企业品牌，自上而下管好意识形态、舆情、保密、信访维稳等工作，持续凝共识、集众智、聚合力，内强管理外树形象，公司获评“ESG金牛奖碳中和二十强”“2024年度十大重庆社会责任影响力企业”。

The Company intensively builds its corporate brand, implements top-down management in terms of ideology, public opinion, confidentiality, and petition stability maintenance. By continuously building consensus, gathering wisdom, and enhancing cohesion, as well as strengthening internal management and building external image, the Company has been granted the “ESG Golden Bull Award” Top 20 in Carbon Neutrality” and “Top Ten Companies with Social Responsibility Influence in Chongqing in 2024”.

远达环保

Yuanda  
Environmental  
Protection

召开党委会会议

Number of meetings of  
the Party committee 27 times

27次

党员数量

Number of Party members  
727 people

727人

党支部数量

Number of Party branch

所属党委

5 Party  
committees

5个

党总支

3 general  
Party branches

3个

党支部

40 Party  
branches

40个



## 01 党的领导融入公司治理

Integration of Party leadership into corporate governance

公司充分发挥党委“把管保”作用，坚持“两个一以贯之”，推动党建与中心工作相融互促。公司把学习贯彻党的二十届三中全会精神作为重大政治任务来抓，构建与产业发展相适应的“大党建”工作格局，制定《党委会议事规则》等制度，通过“党支部建在项目上”专项工作，创新实施“党建+”主题实践，推动党建与安全生产、合规经营等中心工作深度融合。

The Company fully exerts the Party Committee’s function of “guiding, controlling and ensuring”, adheres to the principle that “upholding the Party’s leadership over state-owned enterprises is a major political principle and must be upheld consistently, and establishing a modern corporate system is the direction of state-owned enterprise reform and must be upheld consistently” and promotes the integration and mutual facilitation between Party building work and the core business. The Company takes learning and implementation of the spirit of the Third Plenary Session of the 20th Central Committee of the CPC as a crucial political task. It constructs a “comprehensive Party building” work model that aligns with industrial development, formulates the *Rules of Procedure of the Party Committee* and other systems. Through the special initiative of “establishing Party branches at project sites”, it innovatively implements the practice around “Party building +”, thus promoting the profound integration of Party building with core business such as work safety and compliance management.

## 多级学习促落实，党建引领优治理

Promoting implementation by learning at multiple levels, and optimizing governance under the guidance of Party building

公司本部党委会、党委中心组、领导班子碰头会、月度例会学习国家、国家电投集团有关安全生产指示批示文件、会议精神和生产安全事故警示单共计**17次**。

The Company’s Headquarters’ Party Committee, Central Group of the Party Committee and leading body studied the work safety instructions, the principles of conferences, and work safety accident warning sheets in relation to SPIC for a total of **17 times** on brief meetings and monthly meetings.

各三级单位组织学习并落实“第一议题”**55次**，通过逐级传达落实、学习宣贯，及时将“第一议题”要求有效传导至基层项目部落实到位，切实将安全生产各项工作要求穿透到一线、落实到基层。

The tertiary organizations organized study and implementation of the “Primary Agenda” for **55 times**. By communication and implementation, study and publicizing level by level, they have timely and effectively propagated the requirements of “Primary Agenda” to the grass-roots project departments for full implementation, and effectively penetrated the work safety requirements to the front line and implemented them at the grass-roots level.

## 发挥“把管保”作用，引领高质量发展

Play the role of “guiding, controlling and ensuring” to lead high-quality development

科学决策研究机制流程不断优化，研究决定、前置研究重大经营议题**155项**，党委“把管保”作用充分发挥。

As the Party Committee gives full play to the role of “guiding, controlling and ensuring”, the process of scientific decision-making research mechanism has been continuously optimized, and a total of **155** of major business issues have been decided through research or researched in advance.

深入开展“持恒强基”能力提升和“安全生产与合规经营”主题活动，扎实推动**20个**专业领域实施方案落地见效，促进合规经营、安全环保意识和能力同步提升，党建价值创造愈加凸显。

The improvement of the ability of “maintaining the core and strengthening the foundation” and the activity themed by “Work Safety and Compliance Management” have been carried out in a deep-going way. The **20** professional solutions have been implemented. The compliance management, safety and environmental awareness and ability have been synchronously enhanced as well, and the value creation of party building has thus become more prominent.

## 强化“把管保”领导作用，发挥集体智慧和力量

Strengthen the leading role of “guiding, controlling and ensuring” and give full play to collective wisdom and strength

结合班子个人特长，按照优势互补、形成合力的原则，调整优化班子分工，压紧压实“一岗双责、齐抓共管”责任要求，落实党内民主集中制，严格执行集体决策、“一把手”末位表态、少数服从多数等有关规定。

Combined with personal strengths of the body, and in accordance with the principle of complementary advantages and concerted efforts, the division of labor has been adjusted and optimized, and the Company has further fulfilled the requirements of “one post with two responsibilities and integrated supervision”, implemented the inner-party democratic centralism, and strictly executed the group decision-making, the final declaration of “leaders”, the minority obeying the majority, and other relevant regulations.

组织召开**27次**党委会、**1次**扩大会，研究重点工作**49项**，审议通过或前置研究重大经营议题**155项**，切实为企业改革发展把好方向。

The Company has held a total of **27** Party Committee meetings and **1** expanded meeting, researched on **49** priorities, and passed or researched on **155** major business issues in advance, effectively keeping the direction for the Company’s reform and development.

为企业高质量发展把脉问诊，精准找到安全生产、合规经营、员工能力等方面的问题，运用“1+2+N”党建工作方法，解决重点问题。

The Company has felt the pulse for its high-quality development to accurately find problems in work safety, compliance management and employee competence, and also used the “1+2+N” party building method to address key problems.



## 02 提质开展主题教育

Improve the quality of thematic education

公司深入开展党纪学习教育，巩固深化主题教育成果，推动党的二十届三中全会精神落地见实效，注重发挥宣传思想文化引领作用。公司以清单化、表单式推动主题教育工作，教育引导全体党员加强党规党纪学习，旗帜鲜明讲政治，坚决捍卫“两个确立”，坚决做到“两个维护”，始终以严的纪律、严的作风担当作为、守正创新，奋力推动国家电投集团“均衡增长战略”在远达环保落地见效。

The Company carries out in-depth learning and education of party discipline, consolidates and deepens the achievements of thematic education, promotes the implementation of the spirit of the Third Plenary Session of the 20th Central Committee of the CPC, and publicizes the guiding role of ideology and culture. The Company promotes the thematic education in a list or form manner, so as to educate and guide all party members to strengthen the study of party rules and discipline, take a clear-cut stand in speaking politics, resolutely safeguard the “two establishes” and achieve the “two safeguards”, always act, stick to justice and innovate with a strict discipline and a precise style, and strive to promote the implementation of SPIC’s “balanced growth strategy” in Yuanda Environmental Protection.

## 03 坚定贯彻从严治党

Commit to party administration with strict discipline

公司压实管党治党责任，党风廉政建设和纪律建设纵深推进。坚持融入日常、抓在经常，把党纪学习教育成果持续转化为推动高质量发展的强大动力。公司抓实抓严政治监督、专项监督、日常监督、教育监督，将党风廉政建设与生产经营同部署、同推进、同考核，确保监督工作精准有力，落到实处。

The Company strictly implements the responsibilities of managing and governing the party, and advances the clean government and discipline development in depth. By sticking to integrating into the daily and catching in the regular, the Company keeps transforming the education achievements of party discipline into a powerful motivation for high-quality development. The Company attaches importance to political supervision, special supervision, daily supervision and education supervision, makes the honest administration and production management deployed, promoted and assessed together, and ensures accurate and effective supervision.

### 严抓治党工作，广布廉洁新风

Strictly enforce party administration and promote new spirit of integrity

压实推进中央巡视集团反馈意见自查整改，相关经验在集团内推广宣传。

Self-inspection and rectification based on the feedback from the central inspection group have been promoted, with relevant experience propagandized and popularized within the group.

深入开展违反中央八项规定精神问题专项治理，完成**2家**所属单位党组织政治巡察，严的纪律、实的作风更加牢固。

Upon the special administration of violation of the spirit of eight-point decision of the CPC, the political inspection of party organizations of **2** affiliates has been completed. The strict discipline and precise style are becoming stronger.

优化“大监督”、纪巡审“三联动”机制，狠抓群众身边不正之风和“微腐败”专项整治，聚焦“一把手”和年轻干部开展廉政教育，严的基调和风清气正的政治生态正逐步形成。

By optimizing the mechanisms of “comprehensive supervision” and “three-linkage” in discipline, inspection and assessment, taking serious measures for the special rectification of bad practices and “micro corruption” around the people, and conducting education of clean politics for “leaders” and young officials, the strict keynote and a clean and upright political environment are gradually taking shape.

催化剂公司领导班子组织全体党员认真学习《条例》，开展学习**13次**，共**151人次**参加。开展警示教育大会**1次**，各级党组织书记、委员讲授纪律专题党课**7次**，分批次前往廉政教育基地开展警示教育**4次**，共**58人**参加。

The Catalyst Company’s leading body has organized all party members to study the *Regulations* for a total of **13 times**, with **151 participants**. The Company has held **1** warning education meeting. Secretaries and members of party organizations at all levels have given party lectures on discipline for **7 times**. Warning education has been conducted in the integrity education base for **4 times**, with **58 participants** group by group.

### 学纪、知纪、明纪、守纪，推动党纪入脑入心

Learn, know, clarify and observe discipline, and put the party discipline into the mind

公司成立领导小组和工作专班，研究编制工作方案，明确**22项**具体行动，统筹谋划公司系统党纪学习教育。公司各级党组织通过党委会等多种形式启动工作，组织召开相关会议**49场次**，成立专项机构**8个**，自上而下全面完成工作部署。

Since the Company established a leading group and a special work team, the Company has studied and prepared work plans, defined **22** concrete actions, and planned systematic education of the party discipline for the Company. Party organizations at all levels of the Company have started their work through various forms, such as party committee meetings. They have held **49** related meetings, and established **8** special organizations, to complete the work deployment from top to bottom.

公司举办专题读书班**9期**，**239人次**参与学习。党组织书记带头学习《中国共产党纪律处分条例》，班子成员结合业务交流研讨。各基层党支部组织党员通读《条例》并开展知识测试，**740余名**党员全部通过。

The Company has held **9** special study lessons, with **239 participants**. The Secretary of the Party Organization took the lead in studying the *Regulations on Disciplinary Measures of the Communist Party of China*, and members of the leading body exchanged experience in business. Grass-roots party branches have organized party members to read through the *Regulations* and carried out knowledge tests, and **more than 740** of them have passed.

公司党委中心组围绕《条例》开展**2场**集中学习解读，**121人次**参与，组织学习习近平总书记相关论述**6次**，党委会专题学习**3次**并制定落实**7项**行动措施。

所属各单位通过多种形式开展《条例》解读培训**81场**，**1500余人次**参与，**18名**领导干部参加“中网院”专题培训，书记讲授纪律专题党课**44场**，开展关心关爱谈话**37次**。

公司召开党纪学习教育警示教育大会，组织处级科级“两支队伍”廉政培训**42人次**，对年轻干部提醒谈话**69人次**。各单位组织参观廉政教育基地**14次**，观看警示教育影片**68次**，开展案例学习**42次**。

公司加大正向舆论宣传，官微官网推送专稿**10篇**，其中**2篇**被集团相关平台登载。组织开展廉洁文化作品创作，征集作品**80余件**。各单位打造党纪宣传长廊**8个**，签订家庭助廉承诺书**350余份**。

The Central Group of the Party Committee of the Company has carried out **2 sessions** of massed study and interpretation based on the *Regulations*, with **121 participants**, organized the learning of interrelated thesis of General Secretary Xi Jinping for 6 times, as well as monographic study of the Party Committee for **3 times**, and has prepared and implemented **7 actions**.

The affiliates have conducted **81** training sessions on the interpretation of the *Regulations* through various forms, with **more than 1,500 participants**. **18** leading officials have participated in the special training of “China E-learning Academy for Leadership”. The Secretary has given **44** party lectures on discipline and conducted **37** talks on caring.

The Company has held a party discipline education and warning education meeting, organized integrity training for **42 persons** of “two teams” - the division level and section level, and conducted talks for **69** young officials. Units at all levels have organized to visit the integrity education base for **14 times** and watch **68** warning educational films, and have carried out case studies for **42 times**.

To increase positive consensus publicity, the Company’s official WeChat account and official website have pushed **10** special articles, and **2** of them were published on the relevant platforms of the group. Production of integrity cultural works has been organized, with **more than 80** works collected. **8** party discipline publicity galleries have been built, and **more than 350 letters** of commitment in family integrity have been concluded.

## 04 精心建强基层堡垒

Elaborately build and reinforce the grass-roots fortress

公司开展党支部“达标创优”建设，评选**25个**“标准化党支部”，**1个**党支部评为“集团示范党支部”；聚焦基层项目管理突出矛盾，开启“支部建在项目上”特色党建探索，因地制宜设立**20个**项目党支部，充分发挥战斗堡垒作用。

The Company carried out the construction of the party branch “reaching standards and creating excellence”, and selected **25** “standardized party branches”, and **1** of them was rated as “Group Model Party Branch”; the Company focused on prominent challenges in the management of grass-roots projects, started exploring characteristic party building by “establishing the branch beyond the project”, and set up **20** project party branches according to local conditions to give full play to the role of battle fortress.



### 案例 CASE

#### 远达环保举办 2024 年度党务干部培训班

Yuanda Environmental Protection held the 2024 training course for party cadres

2024 年 9 月，远达环保举办 2024 年党务干部队伍培训班，持续加强党务干部队伍建设。

In September 2024, Yuanda Environmental Protection held the 2024 training course for party officials, continuing to strengthen the ranks of party officials.



### 案例 CASE

#### 远达环保召开党纪学习教育警示教育大会暨专题纪律党课

Yuanda Environmental Protection held the party discipline education and warning education meeting and the thematic party lecture on discipline

2024 年 7 月，公司召开党纪学习教育警示教育大会暨纪律专题党课。

In July 2024, the Company held the party discipline education and warning education meeting and the thematic party lecture on discipline.





# 完善治理体系

Improve the governance system

远达环保注重公司治理，完善“三会一层”的治理架构，护航公司稳健运营。公司不断与投资者沟通交流，切实保障股东和投资者的合法权益。

Yuanda Environmental Protection focuses on corporate governance. It has improved the governance structure of “three boards and one level” to escort the steady operation of the Company. The Company constantly communicates with investors to effectively protect the legitimate rights and interests of shareholders and investors.

## 01 三会一层

Three boards and one level

远达环保严格按照《公司法》《证券法》《上市公司治理准则》《上海证券交易所上市规则》等法律法规要求，遵循上市公司法人治理相关规范，形成了以股东大会、董事会、监事会、党委会、董事长专题会、总经理办公会组成的法人治理结构，公司组织机构职责分工明确，相互配合，制衡机制有效运作。

In strict accordance with the *Company Law*, *Securities Law*, *Code of Corporate Governance for Listed Companies*, *Rules Governing the Listing of Stocks on Shanghai Stock Exchange* and other laws and regulations, and following the relevant norms of corporate governance of listed companies, Yuanda Environmental Protection has formed a corporate governance structure consisting of shareholders' meeting, Board of Directors, Board of Supervisors, Party Committee, the Chairman's special meeting and the General manager office meeting. The Company's organization has clear division of responsibilities, mutual cooperation, and effective operation of the check-and-balance mechanism.

<b>股东大会</b> Shareholders' Meeting	决定公司经营方针和投资计划,对公司的经营进行监督,提出建议或者质询。  Decide on the Company's business policy and investment plan, supervise business of the Company, and raise suggestions or inquiry.
<b>董事会</b> Board of Directors	按照《公司章程》《董事会议事规则》执行股东大会决议。  Implement the resolutions of the Shareholders' Meeting in accordance with the <i>Articles of Association</i> and <i>Rules of Procedure for the Board of Directors</i> .
<b>监事会</b> Board of Supervisors	对公司财务以及董事、高管履行职责的合规性进行监督。  Supervise the Company's finances and the compliance of directors and senior executives in performing their duties.

<b>党委会</b> Party Committee	对公司重大事项进行前置研究。  Conduct advance research on major issues of the Company.
<b>董事长专题会</b> Chairman's special meeting	根据董事会授权管理办法相关规定，行使授权范围内职责。  Perform the duties within the authorized scope according to the relevant provisions of the administrative measures authorized by the Board of Directors.
<b>总经理办公会</b> General manager office meeting	执行董事会决议，组织公司生产经营等业务活动。  Implement the resolutions of the Board of Directors and organizes the Company's business activities such as production and operation.

## 股东大会 Shareholders' Meeting

股东大会是公司的权力机构，依法行使职权。公司制定《股东大会议事规则》，进一步明确股东大会职权、提案方式、表决程序等内容。公司严格依据章程规定，股东大会均邀请具有证券法律业务资质律师事务所到会见证并出具法律意见书，确保会议召集、召开、审议和表决程序合法合规。

Shareholders' meeting is an organ of authority of the Company to exercise the following powers according to laws. The Company formulates the *Rules of Procedure for the Shareholders' Meeting* to further clarify the functions and powers of the shareholders' meeting, the way of making proposals, and the voting procedures. In strict accordance with the provisions of the Articles of Association, the Company invites professional securities law firms to witness and issue legal opinions at the shareholders' meetings to ensure that the convening, holding, review and voting procedures are legal and compliant.

公司平等对待所有股东，充分保障股东的合法权益。

The Company treats all shareholders equally and fully protects the legitimate rights and interests of them.

### 报告期内

During the reporting period

公司召开股东大会  
the Company held  
2 shareholders' meetings

2次

审议通过议案  
deliberating and  
passing 13 motions

13项

股东大会董事出席率  
Attendance rate of directors  
at shareholders' meetings

95.2%



## 董事会 Board of Directors

公司按照《公司法》《公司章程》及《董事会议事规则》等的规定和要求选举董事，全体董事按照法律法规以及《上市公司自律监管指引》《董事会议事规则》《独立董事工作制度》等规定开展工作。

董事经由股东大会选举产生，每届董事会任期三年。公司董事10人，其中独立董事4人，超过董事会人数的三分之一，有效保障中小股东权利。董事任期届满可以连选连任；独立董事连任时间不得超过6年。公司独立董事候选人由公司董事会提名；除独立董事之外的其他董事候选人由董事会、单独或者合并持有公司有表决权的股份总数3%以上的股东提名，董事候选人名单以提案的方式提请股东大会决议。

The Company elects directors in accordance with the *Company Law*, *Articles of Association* and *Rules of Procedure for the Board of Directors*. All directors work in accordance with laws and regulations, the *Self-regulatory Guidelines for the Companies Listed*, *Rules of Procedure for the Board of Directors*, and *Work System of Independent Directors*.

The directors are elected by the shareholders' meeting for a term of three years. The Company has 10 directors, including 4 independent directors, more than one-third of the number of the Board of Directors, effectively protecting the rights of medium and small shareholders. A director may be re-elected upon expiration of his term of office; the term of re-election of an independent director shall not exceed 6 years. Candidates for independent directors of the Company are nominated by the Board of Directors; candidates for directors other than independent directors are nominated by the Board of Directors or by shareholders holding more than 3% of the total number of voting shares of the Company individually or in combination. The list of candidates for directors is submitted to the shareholders' meeting for resolution by way of proposal.

2024 年

In 2024

召开董事会

Number of meetings of  
the Board of Directors

10 次

董事会人数

Number of the Board  
of Directors

13 人

女性董事占比

Proportion of  
female directors

30 %

公司董事会下设**4个**专门委员会——战略与投资委员会、审计与风险委员会、提名委员会、薪酬与考核委员会。各委员会就专业性事项进行研究，为董事会决策提供专业建议，其成员均由董事担任。

The Board of Directors of the Company has **4** special committees - Strategy and Investment Committee, Audit and Risk Committee, Nomination Committee, and Remuneration and Appraisal Committee. Each committee conducts research on professional matters and provides professional advice to the decision-making of the Board, and its members are all directors.



名称  
Name

职责说明  
Responsibility

### 审计与风险委员会

Audit and Risk  
Committee

提议聘请及更换外部审计机构；监督公司内部审计制度及其实施；负责内部和外部审计机构之间的沟通；审核公司的财务信息及其披露；审查公司的内控制度等。

Propose to hire or change external audit authority; supervise the Company's internal audit system and its implementation; communicate between internal audit and external audit; review the Company's financial information and its disclosure; review the Company's internal control system.

### 提名委员会

Nomination Committee

研究董事和高级管理人员的选择标准和程序，对董事会的规模和构成向董事会提出建议等。

Study the criteria and procedures for selection of directors and senior executives, and make recommendations to the Board on the size and composition of it.

### 战略与投资委员会

Strategy and  
Investment Committee

对公司长期发展战略和重大投资决策进行研究并向董事会提出建议。

Study long-term development strategies and major investment decisions and give suggestions to the Board of Directors.

### 薪酬与考核委员会

Remuneration and  
Appraisal Committee

研究和审查董事、监事、高级管理人员的薪酬政策与方案；研究董事和高级管理人员的考核标准，进行考核并提出建议。

Study and review the remuneration policy and scheme for directors and supervisors and senior executives; study the evaluation criteria for selection of directors and senior executives, conduct evaluations and make recommendations.





## 监事会 Board of Supervisors

公司监事会对股东大会负责,根据《监事会议事规则》履行相关职责。监事会对公司董事、高级管理人员履行职责的合法性进行检查和监督,维护公司及股东的合法权益。

The Board of Supervisors of the Company is responsible for the shareholders' meeting and performs relevant duties in accordance with the *Rules of Procedure for the Board of Supervisors*. The Board of Supervisors shall inspect and supervise the legality of the Company's directors and senior executives in performing their duties, and safeguard the legitimate rights and interests of the Company and its shareholders.

2024 年

In 2024

召开监事会

Number of meetings of  
Board of Supervisors

6 次

监事会人数

Number of the Board  
of Supervisors

3 人

女性监事占比

Proportion of  
female supervisors

33.3 %

公司监事每届任期三年,可连选连任。非职工代表担任的监事由股东大会选举和罢免;职工代表担任的监事由公司职工通过职工代表大会、职工大会或其他形式民主选举和罢免。

The term of office for the supervisors shall be three years, and the supervisor can be reappointed consecutively upon expiration of the term of office. The supervisors who are not employee representatives shall be elected and dismissed by the shareholders' meeting, and the supervisors who are employee representatives shall be democratically elected and dismissed by congress of workers and employees, employee meeting or other forms.

截至 2024 年末

As of the end of 2024

公司监事会共有监事

there are 3 supervisors on the Board  
of Supervisors of the Company

3 名

其中职工代表监事

of which 2 are  
employee representatives

2 人

职工代表占比

accounting for

66 %



## 管理层 Management

公司管理层由总经理、副总经理、总会计师组成。公司管理层任命根据公司章程约定,按照公司战略和业务发展需求,总理由董事长提名、副总经理、总会计师由总经理提名,董事会聘任。

The management of the Company is composed of General Manager, Deputy General Manager and Chief Accountant. The management of the Company is appointed based on the Articles of Association, in accordance with the Company's strategy and business development needs. The General Manager is nominated by the Chairman, the Deputy General Manager and the Chief Accountant are nominated by the General Manager and appointed by the Board of Directors.



## 董监高薪酬体系 High remuneration system for directors and supervisors

公司制定《经理层成员薪酬和业绩考核管理办法》,明确公司经理层薪酬结构及标准、绩效年薪的核算方式、任期激励构成及标准等,建立健全了经理层成员激励约束机制。

The Company formulated the *Management Measures for Remuneration and Performance Appraisal of Managers*, clarifying the remuneration structure and standards of the Company's management members, the accounting method of performance and annual salary, the composition and standards of tenure incentives, etc., which establishes and improves the incentive and restraint mechanism of the Managers.

公司董事会薪酬与考核委员会就制定董事及管理层的薪酬方案以及考核事项,向董事会提出建议。薪酬拟定过程中,委员会对公司目标、同业公司支付的薪酬水准、董事及高管的职责及履职情况进行综合参考。

The Remuneration and Appraisal Committee of the Board of Directors of the Company makes recommendations to the Board on the formulation of remuneration plans and appraisal matters for directors and management personnel. In the process of remuneration formulation, the committee makes comprehensive reference to the Company's objectives, the level of remuneration paid by peer companies, and the duties and performance of directors and senior executives.

董事会下设薪酬与考核委员会,全部由外部董事担任,其中含 3 名独立董事。薪酬与考核委员会对董事及管理层年度综合业绩责任书、经理层年度考核评价结果和绩效奖金分配方案进行审阅。

The Board of Directors consists of a Remuneration and Appraisal Committee, whose members are all outside directors, including 3 independent directors. The Remuneration and Appraisal Committee reviews the annual comprehensive performance responsibility statement of directors and the management, the results of the annual appraisal of the Managers and the performance bonus distribution plan.

## 02 投资者关系管理

Investor relations management

远达环保严格按照《中华人民共和国公司法》《中华人民共和国证券法》《上海证券交易所股票上市规则》《内幕知情人登记管理办法》等法律法规及部门规章的有关规定，制定《信息披露管理办法》《投资者关系管理办法》，明确公司信息披露及投资者管理相关工作要求及机制，维护股东、债权人的合法权益。

In strict accordance with the *Company Law of the People's Republic of China*, *Securities Law of the People's Republic of China*, *Rules Governing the Listing of Stocks on Shanghai Stock Exchange*, *Management Measures for Registration of Insiders*, and laws and regulations and department rules, Yuanda Environmental Protection formulated the *Management Measures for Information Disclosure* and *Management Measures for Investor Relations*, clarifying the work requirements and mechanisms related to the Company's information disclosure and investor management, and safeguarding the legitimate rights and interests of shareholders and creditors.

公司严格按照有关法律法规的要求，依法履行信息披露义务，真实、准确、完整、及时、公平地披露公司重大信息。

In strict accordance with relevant laws and regulations, the Company fulfills the obligation of information disclosure, and disclose the Company's material information truthfully, accurately, completely, timely and fairly.

### 报告期内

During the reporting period

未因信息披露受到证券监管机构监管处罚。

The Company has not been punished by any securities regulator for information disclosure.

公司高度重视中小投资者权益保护，在保证股东大会合法有效的前提下，为中小股东参加股东大会提供包括网络投票在内的便利条件，在选举董事、监事时采用累积投票制，高于公司治理准则要求，力求有效保护中小股东的选举权。

The Company attaches great importance to the protection of the rights and interests of small and medium investors. On the premise of ensuring the legality and effectiveness of shareholders' meetings, convenient conditions including network voting are provided for medium and small shareholders to participate in shareholders' meetings. The cumulative voting system is adopted in the election of directors and supervisors, which is superior to as required by the corporate governance standards, so as to effectively protect the voting rights of medium and small shareholders.



## 投资者关系管理

Investor relations management

公司制定《投资者关系管理办法》，设立一系列投资者关系管理流程，持续优化投资者沟通内容和方式、加强投资者关系管理的组织与实施，积极建立公平透明共赢的投资者关系，主动倾听投资者声音，完善市值管理，保障投资者长远利益。

The Company formulated the *Management Measures for Investor Relations* to set up a series of investor relations management processes, continue to optimize the content and methods of investor communication and strengthen the organization and implementation of investor relations management, actively establish fair, transparent and win-win investor relations, actively listen to investors, improve market value management, and protect the long-term interests of investors.

### 董事会秘书

Secretary of the Board  
of Directors

公司投资者关系管理事务的负责人，在全面深入了解公司运作和管理、经营状况、发展战略等情况下，负责策划、安排和组织各类投资者关系管理。

The person in charge of investor relations management affairs of the Company, who is responsible for planning, arranging and organizing various types of investor relations management under the condition of comprehensive and in-depth understanding of the Company's operation and management, business status and development strategy.

### 资本运营部

Capital Operation  
Department

- 承办投资者关系日常管理工作，包括各种投资者沟通渠道的维护，同时做好内部信息的收集与传递。

- Undertake the daily management of investor relations, including the maintenance of various investor communication channels, as well as the collection and transmission of internal information

- 发挥“沟通桥梁、展示窗口、信息中心”作用，专门负责向股东及投资者提供所需材料和服务，与股东、投资者和其他资本市场参与人员保持积极沟通，让股东及投资者充分了解公司运营和发展情况。

- Play the role of "communication bridge, display window and information center", be responsible for providing the required materials and services to shareholders and investors, maintain active communication with shareholders, investors and other capital markets participants, and make shareholders and investors fully understand the Company's operation and development.

## 强化信息披露

### Strengthening information disclosure

公司通过股东大会、路演、反向路演、分析师会议、接待来访、热线电话、公司网站专栏、新媒体平台等多种途径，拓展利益相关方沟通的广度和深度，增进其对公司的认同。

公司制定《年报信息披露重大差错责任追究管理办法》，强化年报信息披露的准确性与严肃性，一旦出现重大差错，严格依据办法追究责任，促使员工提升对年报工作的重视程度，保障公司年报高质量呈现，维护公司在资本市场的良好形象与公信力，助力公司稳健发展。

2024年，公司举办投资者交流会**3场**，服务机构投资者超**8家次**，通过与投资者的充分交流，实时掌控公司经营状况，促进公司与资本市场的长期协调发展。

Through the shareholders' meetings, roadshows, reverse roadshows, analyst meetings, receptions, hotlines, columns on the Company's website, new media platforms and other means, the Company expands the breadth and depth of communication among stakeholders and enhances their recognition of the Company.

The Company formulated the *Management Measures for Accountability for Material Errors in the Disclosure of Annual Report Information* to strengthen the accuracy and seriousness of annual report information disclosure. In the event of material errors, accountability will be investigated in strict accordance with the measures, by which means to encourage employees to pay more attention to the annual report, ensure high quality presentation of the Company's annual report, maintain the Company's good image and credibility in the capital market, and help the Company develop steadily.

In 2024, the Company has held **3** investor exchange meetings and served **more than 8** institutional investors. Through full communication with investors, the Company timely updates its business status, and promotes the long-term coordinated development of the Company and the capital market.

## 深化合规内控

### Deepen compliant internal control

远达环保建立健全内部控制体系、风险管理机制，充分发挥监督效用，积极识别应对公司各类风险，保障公司生产运营，提升公司合规运营水平，为公司稳健发展赋能。

Yuanda Environmental Protection establishes and improves the internal control system and risk management mechanism, gives full play to the supervision effect, and actively identifies and responds to various risks of the Company, so as to ensure the Company's production and operation, improve the compliance level, and enable steady growth.

## 01 内部控制

### Internal control

远达环保制定《内部控制管理规定》《内部控制评价办法》《企业内部控制评价标准》，建立了完整的内控工作领导体制，确保了公司内部控制的有效运行。

Yuanda Environmental Protection formulated the *Internal Control Management Regulations*, *Internal Control Evaluation Methods* and *Enterprise Internal Control Evaluation Standards*, establishing a complete internal control leadership system, and ensuring the effective operation of the Company's internal control.

2024年

In 2024

披露的定期报告

Number of regular reports disclosed

4 ↑

发布的临时公告

Number of temporary announcements issued

66 ↑

## 03 债权人权益

### Creditor's rights and interests

公司高度关注债权人合法权益保障，严格遵循合同条款，按时足额偿付借款本息。在严守信息披露准则的前提下，积极与债权人维持良好互动，确保及时清偿到期债务，全力保障债权人权益。

报告期内，公司信贷方面无不良信用记录，未发生债务违约。公司被国内权威信用评级机构确认为**AA+**主体信用评级，评级展望为“稳定”。

The Company attaches great importance to the protection of the legitimate rights and interests of creditors, and pays the principal and interest of the loan in full and on time in strict accordance with the terms of the contract. Under the premise of strictly observing the information disclosure standards, actively maintain good interaction with creditors, ensure timely repayment of matured debts, and fully protect the rights and interests of creditors.

During the reporting period, the Company has had no bad credit record and no debt default. The Company was confirmed as **AA+** of corporate credit rating by a domestic authoritative credit rating agency, and the rating outlook is "stable".

### 董事会

Board of Directors

负责公司内部控制的建立健全和有效实施。

Establish and improve and effectively implement the Company's internal control.

### 董事会审计与风险委员会

Audit and Risk Committee of the Board of Directors

负责审议内部控制有效性和内部控制监督评价情况，并听取内部控制工作汇报等。

Review the effectiveness of internal control and the supervision and evaluation of it, and hear internal control reports.

### 监事会

Board of Supervisors

对董事会建立与实施内部控制的情况进行监督，检查经营及财务报告，向经理层提出内部控制改进建议，监督内部控制重大缺陷的上报情况。

Supervise the establishment and implementation of internal control by the Board of Directors, check operating and financial reports, make recommendations to the Managers for improvement of internal control, and supervise the reporting of material weakness in internal control.



### 经理层

Managers

负责组织领导本单位内部控制的日常运行，审议批准内部控制有关制度，审定本单位内部控制标准及评价标准。

Organize and lead the daily operation of internal control of respective unit, review and approve relevant internal control systems, and examine the internal control standards and evaluation standards of respective unit.

### 审计部

Audit Department

审计部独立行使内部控制管理的检查评价职能。

The Audit Department independently performs the inspection and evaluation function against the management of internal control.

公司建立内控监督检查机制，进行年度评价，评价工作程序包括：制定评价方案、组成检查工作组、开展自我评价、开展检查评价、沟通与认定缺陷、缺陷整改、编制评价报告。

The Company establishes an internal control supervision and inspection mechanism, and conducts annual evaluation, which involves: preparing an evaluation scheme, forming an inspection group, conducting self-evaluation, conducting inspection and evaluation, communicating and identifying defects, rectifying defects, and preparing an evaluation report.



公司通过内控风险管理信息化平台，实现信息收集、风险预警、风险评估、管理改进、监控与报告、内控评价等业务功能。公司建立风险预警指标体系，增强对风险指标的监控，针对重大风险事件建立报送机制，制定应对方案，防范重大风险蔓延和叠加。

With the information-based internal control risk management platform, the Company realizes information collection, risk warning, risk assessment, management improvement, monitoring and reporting, internal control evaluation and other business functions. The Company establishes a risk warning indicator system to strengthen the monitoring of risk indicators, and also establishes a reporting mechanism and develop response plans for major risk events to prevent the spread and overlap of major risks.

## 02 风险管理 Risk management

### 治理

Governance

远达环保制定《风险管理规定》《重大经营风险事件管理办法》《风险预警管理办法》《投资项目风险评估实施细则》等制度，明确风险事件处置原则、方式和分类处置流程。

Yuanda Environmental Protection formulated the *Risk Management Regulations, Management Measures for Major Business Risk Events, Management Measures for Risk Warning, Implementation Rules for Risk Assessment of Investment Projects* and other systems, clarifying the principles, methods and classification handling processes of risk events.

公司建立以董事会为公司风险管理体系建设的决策机构，审批公司重大风险事项。审计与风险委员会独立决策，对董事会负责，指导风控与合规工作。董事会每半年听取一次风险管控工作汇报。每季度向董事会汇报重大风险防控和重大案件处置情况。

The Company establishes the Board of Directors as the decision-making body for the construction of the Company's risk management system to approve the Company's major risk events. The Audit and Risk Committee makes independent decisions, takes charge of the Board, and directs risk control and compliance. The Board of Directors hears the report on risk control once every six months. The Board of Directors is reported every quarter on major risk prevention and control and major case handling.

### 第一道防线

1st line of defense

各业务部门及业务单位，确保风控与合规管理在业务日常运作中的有效实施，同时负责识别、评估、应对和处理内外部威胁，监督每位员工对公司政策流程的有效执行。

All business departments and business units ensure the effective implementation of risk control and compliance management in the daily operation of business, meanwhile, identify, assess, respond to and address internal and external threats, and supervise the effective implementation of company policies and procedures by employees.

- 风险归口管理部门组织制定公司风险管理制度和标准，编制公司风险管理年度工作计划和工作要点；

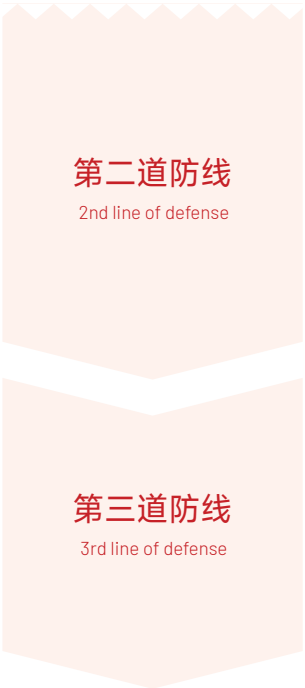
- The Centralized Risk Management Department organizes the formulation of the Company's risk management system and standards, and prepares the annual work plan and work points of the Company's risk management;

- 组织开展年度风险评估，分解和落实重大风险管理责任，跟踪检查和反馈风险管理效果；

- Organize annual risk assessment, break down and implement the major risk management responsibilities, follow up, check and feedback the effect of risk management;

### 第二道防线

2nd line of defense



- 组织协调全面风险管理日常工作，指导、监督有关职能部门、各单位开展全面风险管理日常工作；
- Organize and coordinate the daily work of total risk management, and guide and supervise relevant functional departments and units to carry out the routine total risk management;
- 组织开展重大风险监测预警工作，定期汇报风险管理工作情况。
- Organize the monitoring and early warning of major risks, and report on risk management regularly.

审计监督部门和董事会下设的审计与风险委员会负责对风险管理情况进行审计监督，出具审计监督报告，开展涉及违规经营投资的重大经营风险事件责任追究工作。

The Audit and Supervision Department and the Audit and Risk Committee of the Board of Directors audit and supervise the risk management, issue audit and supervision reports, and carry out responsibility investigation for major business risk events involving illegal investment.

## 战略

### Strategy

远达环保遵循“以发展战略为导向，通过建设功能完备、运营通畅、执行到位的全面风险管理体系，培育风险文化，有效管理风险，保证和促进公司持续健康发展”的全面风险管理总目标。

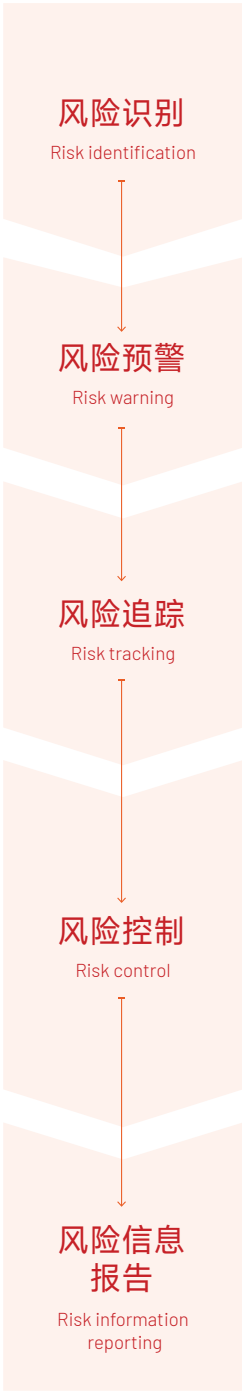
Yuanda Environmental Protection follows the overall goal of total risk management as “oriented by development strategy, by building a total risk management system with complete functions, smooth operation and proper execution, cultivating the risk culture, and effectively manage the risks to ensure and promote the sustainable and healthy growth of the Company”.

## 影响、风险和机遇管理

### Impact, risk and opportunity management

公司构建覆盖风险识别、风险预警、风险追踪、风险控制等全流程风险预警体系，持续强化企业治理效能，有效平衡业务发展与风险管控目标。

The Company establishes a whole-process risk warning system covering risk identification, risk warning, risk tracking and risk control, continues to strengthen the effectiveness of corporate governance, and achieves an effective balance between business development and risk control.



风险管理部门组织开展公司年度风险评估，从风险造成的损失大小和发生概率两个维度进行评估，对前十大风险制定管理措施、关键风险点，每季度跟踪督导重点风险防控情况。

The Risk Management Department organizes and carries out the annual risk assessment of the Company from the loss caused by risks and the occurrence probability, develops management measures and key risk points for the top 10 risks, and track and supervise the prevention and control of key risks every quarter.

建立《风险监控预警指标表》，进行日常风险监测，并按季度报送监测结果，对指标突破阈值的情况及时分析原因、评估影响、采取措施。

Establish the *Risk Monitoring and Warning Indicator Table*, conduct routine risk monitoring, report the monitoring results quarterly, and analyze the cause, assess the impact and take measures in time when the indicator breaches the threshold.

风险管理部门持续跟踪监控已发现的风险事件，季度更新进展，针对风险事件处置过程发现的问题及日常经营中的业务风险，出具风险提示函，推动风险事件妥善解决。对于处置完毕的风险事件，及时办结闭环。

The Risk Management Department continuously monitors the identified risk events, updates the progress quarterly, and issue risk warning letters for problems found in the process of handling risk events and business risks in daily operations, so as to drive proper resolution of risk events. Conclude the risk events that have been handled.

- 针对不同风险选择风险规避、转移、减轻或接受的不同策略，以减少风险损失；
- Select different strategies of risk avoidance, transfer, mitigation or acceptance for different risks to reduce risk losses;
- 按重大风险、较大风险、一般风险对风险进行分级处置管理，开展事件专项管理和应急处置。
- Manage the risks by grading them by major risks, high risks and general risks, and carry out special event management and emergency response.

发布《风险管理规定》《重大经营风险事件管理办法》，制定需进行报告的风险事件清单，用以指导各部门、所属单位在日常经营过程中对相关风险事项进行识别并即时报告。

Release the *Risk Management Regulations* and *Management Measures for Major Business Risk Events* and establish a list of risk events to be reported for guiding various departments and affiliates in identifying and promptly reporting relevant risk events during daily operations.

## 指标与目标

### Indicators and targets

#### 报告期内

During the reporting period

公司未发生重大风险事件。

There was no major risk event.

## 03 合规管理

Compliance management

远达环保持续推进合规管理体系建设，制定《合规管理规定》《决策领域合规管理手册》《资金领域合规管理手册》《合同领域合规管理手册》《制度领域合规管理手册》努力提升公司依法治企、合规经营水平，为公司高质量发展提供坚强法治保障。

Yuanda Environmental Protection continues to promote the construction of a compliance management system. The Company has formulated the *Compliance Management Regulations, Compliance Management Manual for Decision-making Sector, Compliance Management Manual for Fund Sector, Compliance Management Manual for Contract Sector, and Compliance Management Manual for Institution Sector* to improve the Company's level of legal governance and compliance management and provide strong legal guarantees for the Company's high-quality development.

### 董事会

Board of Directors

定期开展工作会议，听取内控合规工作汇报、审议工作报告、提出工作建议。

The Board of Directors is responsible for holding regular work meetings, listening to reports on internal control and compliance work and review work, and putting forward work suggestions.

### 法律事务部

Legal Affairs Department

作为公司内控、合规归口管理部门，积极防范化解重点领域风险，强化法律服务与保障，持续推进内控合规管理。

As the centralized management department for internal control and compliance of the Company, the Legal Affairs Department is responsible for actively preventing and resolving risks in key areas, strengthening legal services and guarantees, and continuing to promote internal control and compliance management.

公司合规管理“三道防线”各司其职，对公司有关经营管理行为、流程和文件等内容进行合法性、程序性、严密性、适用性和风险性等方面评价，并提出合规审核意见，一般流程为风险分析、流程制定、执行监管、尽职调查、审计监察、纠正与改进等。

The “three lines of defense” for the Company's compliance management each perform their own duties. They evaluate the legality, procedurality, rigor, applicability, and risk of the Company's relevant business management behaviors, processes, and documents, and bring forward compliance audit opinions. The general process includes risk analysis, process formulation, regulatory execution, due diligence, audit and supervision, correction and improvement.

### 第一道防线

1st line of defense

业务部门作为合规风险防范第一道防线，是公司合规管理第一责任人，负责日常合规风险识别与排查，及时通报风险事项，开展合规培训，落实合规问题整改。

As the 1st line of defense for compliance risk prevention, the business department is the first person responsible for the Company's compliance management, and is responsible for daily identification and investigation of compliance risks, timely reporting of risk events, compliance training, implementation of corrective actions for compliance issues.

### 第二道防线

2nd line of defense

合规归口管理部门作为合规风险防范的第二道防线，负责完善公司合规管理体系，关注法律及监管动态，应对重大合规事件，开展重点合规领域审查工作、查处违规事件。

As the 2nd line of defense for compliance risk prevention, the centralized compliance management department is responsible for improving the Company's compliance management system, paying attention to legal and regulatory developments, responding to major compliance events, conducting reviews in key compliance areas, and investigating and dealing with violations.

### 第三道防线

3rd line of defense

审计、纪检监察部门作为合规风险防范的第三道防线，负责独立对合规管理体系的有效性进行监督及审计，处理违规事件，协助应对合规危机事件。

As the 3rd line of defense for compliance risk prevention, the audit and discipline inspection and supervision department is responsible for independently supervising and auditing the effectiveness of the compliance management system, dealing with violations, and assisting in responding to compliance crises.

### 2024 年

In 2024

公司将安全生产与合规经营、重点领域合规管控、合规管理信息化等**11项**工作纳入公司年度重点任务，并作为专项督办事项。

The Company integrated **11** key tasks, including work safety and compliance management, compliance control in key areas, and information-based compliance management, into its annual priorities. These tasks have been designated as special oversight items.

#### 风险分析

Risk analysis

#### 流程制定

Process formulation

#### 执行监管

Regulatory execution

#### 纠正与改进

Correction and improvement

#### 审计监察

Audit and supervision

#### 尽职调查

Due diligence



# 遵守商业道德

Abide by business ethics

远达环保恪守商业道德，对任何形式的腐败和贿赂行为采取“零容忍”原则，定期开展廉洁教育，打造风清气正的工作氛围，同时始终严守反垄断红线，不断完善反垄断合规管理，确保公司形成良好的政治生态，为公司的长远发展筑牢坚实基础。

Yuanda Environmental Protection adheres strictly to business ethics and maintains a “zero-tolerance” policy towards any form of corruption and bribery. The Company regularly conducts integrity education to foster a clean and upright work atmosphere. At the same time, it consistently upholds the bottom line for anti-monopoly and continuously improves its anti-monopoly compliance management to ensure the formation of a healthy political ecosystem within the Company. This solid foundation supports the long-term development of the Company.

## 01 廉洁建设

Integrity construction

远达环保制定《纪委处理检举控告工作办法（试行）》《违规经营投资责任追究实施办法（试行）》，各所属企业设立纪检机构，配备专兼职工作人员，依规依纪依法开展反腐败工作。

Yuanda Environmental Protection formulates the *Measures for Handling Reports and Accusations by the Discipline Inspection Commission (Trial)* and *Implementation Measures for Investigating Responsibility for Illegal Operations and Investments (Trial)*. Each affiliated enterprise sets up a discipline inspection office staffed with full-time and part-time personnel to carry out anti-corruption work in accordance with regulations, discipline, and the law.

远达环保始终将廉洁意识根植于从内部管理到外部合作的一切商业行为，明确对员工和供应商等商业伙伴反腐败的详细要求，推动廉洁建设。公司将合规情况纳入员工绩效考核，严禁任何形式的贿赂行为发生，提升员工廉洁诚信意识。

To drive the advancement of integrity construction, the Company consistently embeds a sense of integrity into all commercial activities, from internal management to external collaborations, and clearly outlines detailed anti-corruption requirements for employees and business partners such as suppliers. It incorporates compliance into employee performance evaluations, strictly prohibits any form of bribery, and enhances employees' awareness of integrity and honesty.

### 报告期内

During the reporting period

公司或员工没有涉及法院审结的贪污诉讼案件。

Neither the Company nor its employees were involved in any concluded court cases related to corruption.

## 强化廉政培训，劲吹廉洁新风

Strengthen integrity training and promote new spirit of integrity

针对各层级员工统筹融合开展廉洁从业教育与业务培训，通过集中警示教育、约谈提醒、通报案例等方式，实现教育培训全覆盖。

Integrate integrity education with business training for employees at all levels, and ensure full coverage of education and training through centralized warning education, interview reminders, and case reports.

严格开展干部任前廉政教育，每年定期开展年轻干部反腐倡廉教育。

Strictly carry out pre-appointment integrity education for cadres, and regularly organize anti-corruption and integrity education for young cadres every year.

每年召开一次警示教育大会、开展一轮廉政谈话教育。

Hold a warning education conference and conduct a round of integrity conversation education every year.

与所属单位党组织、纪检机构负责人开展廉政谈话 **40 余人次**。

Integrity conversations with **more than 40** leaders of party organizations and discipline inspection offices from affiliates have been conducted.

与年轻干部、团青干部等关键群体廉政谈话 **150 余人次**。

Integrity conversations with **more than 150 personnel** such as young cadres, youth league cadres and other personnel from critical groups have been conducted.

### 报告期内

During the reporting period

公司或员工没有因商业贿赂或贪污被开除的情况。

No employee was dismissed due to commercial bribery or corruption.

关键绩效

Key performance

指标 Indicator	单位 Unit	
反商业贿赂及反贪污培训时长 Duration of anti-commercial bribery and anti-corruption training	小时 Hour	35
管理层参与反商业贿赂及反贪污培训时长 Duration of management participation in anti-commercial bribery and anti-corruption training	小时 Hour	20
员工参与反商业贿赂及反贪污培训时长 Duration of employee participation in anti-commercial bribery and anti-corruption training	小时 Hour	15
接受反商业贿赂及反贪污培训总人数 Total number of participants in anti-commercial bribery and anti-corruption training	人 People	115
接受反商业贿赂及反贪污培训的董事人数 Number of directors participating in anti-commercial bribery and anti-corruption training	人 People	10
接受反商业贿赂及反贪污培训的管理层人数 Number of management personnel participating in anti-commercial bribery and anti-corruption training	人 People	28
接受反商业贿赂及反贪污培训的员工人数 Number of employees participating in anti-commercial bribery and anti-corruption training	小时 Hour	77
接受反商业贿赂及反贪污培训总人数占比 Percentage of total participants in anti-commercial bribery and anti-corruption training	%	100

指标

Indicator

单位

Unit

接受反商业贿赂及反贪污培训的董事人数占比

Percentage of directors participating in anti-commercial bribery and anti-corruption training

%

100

接受反商业贿赂及反贪污培训的管理层人数占比

Percentage of management personnel participating in anti-commercial bribery and anti-corruption training

%

100

接受反商业贿赂及反贪污培训的员工人数占比

Percentage of employees participating in anti-commercial bribery and anti-corruption training

%

100

贪污诉讼案件的数目

Number of concluded legal cases regarding corrupt practices

件

Nos.

0

案例 CASE

远达环保党委召开党风廉政建设和反腐败工作会议暨警示教育大会

Party Committee of Yuanda Environmental Protection held the Meeting on Party Conduct and Integrity Construction and Anti-corruption Work and Warning Education Conference

2024年3月，远达环保召开2024年度党风廉政建设和反腐败工作会议暨警示教育大会。

In March 2024, Yuanda Environmental Protection held the Meeting on Party Conduct and Integrity Construction and Anti-corruption Work and Warning Education Conference for the Year 2024.





02 举报者保护  
Informant protection

远达环保通过构建以纪检、巡察等党内监督为引领的“大监督”机制，监督反腐败等制度的具体落实，制定《问题线索集中统一管理办法》《党风廉政建设责任制考核实施细则》《领导干部廉政档案管理办法（试行）》《纪委案件监督管理办法》《纪检监察机构“走动式”谈话安全工作实施办法（试行）》等规章制度，规范问责流程，优化举报受理。公司对信访举报件进行科学分流处理，设立举报电话、举报信箱以及廉洁邮箱，配备专门接待场所。

Yuanda Environmental Protection establishes a “comprehensive supervision” mechanism led by intra-Party supervision, including discipline inspection office and inspection office, to ensure the effective implementation of anti-corruption systems. It formulates various rules and regulations, such as the *Measures for the Centralized and Unified Management of Problem Clues*, *Implementation Rules for the Assessment of Responsibility System for Party Conduct and Integrity Construction*, *Management Measures for Leading Cadres' Integrity Archives (Trial)*, *Management Measures for the Supervision of Violations with Rules of Discipline Inspection Commission*, and *Implementation Measures for the Safety Work of “Walkthrough” Conversations by Discipline Inspection and Supervision Offices (Trial)* to standardize the accountability process and optimize the handling of reports. Additionally, it implements a scientific diversion process for handling complaints and reports, and sets up dedicated reporting hotlines, reporting boxes, and reporting emails, along with designated reception facilities.

公司建立了反贪腐举报途径，设有公开举报邮箱及电话，并对举报人及举报内容严格保密。纪检及合规部门不定期开展审查、抽查、调查工作。公司严格执行案件调查程序，实现了调查人员安排、调查报告上传、处置方案审批、调查事件归档等工作的闭环管理。

The Company establishes channels for reporting corruption, including public reporting emails and hotlines, and strictly keeps confidential the informant and the content of the report. The discipline inspection and compliance departments conduct regular reviews, spot checks, and investigations in strict accordance with incident investigation procedures to ensure closed-loop management in the arrangement of investigators, uploading of investigation reports, approval of disposal plans, and archiving of investigated incidents.



03 反不正当竞争  
Anti-unfair competition

远达环保严格遵循《中华人民共和国反垄断法》《国务院关于经营者集中申报标准的规定》《禁止垄断协议暂行规定》《禁止滥用市场支配地位暂行规定》等法律法规及相关规定，公司遵循公平、公正、诚信、合法、合规的原则开展商业经营活动。

Yuanda Environmental Protection conducts its commercial activities under the principles of fairness, justice, integrity, legality, and compliance in accordance with the *Anti-monopoly Law of the People's Republic of China*, *Provisions of the State Council on the Standard for Declaration of Concentration of Business Operators*, *Interim Provisions on Prohibition of Monopoly Agreements*, *Interim Provisions on Prohibition of Abuse of Dominant Position of the Market*, and other laws, regulations and relevant provisions.

公司坚持负责任的销售和市场推广，规范市场部、销售团队、产品团队在业务拓展与合同管理全流程中的合规，在市场开拓、客户销售和产品标签管理等环节均提供准确和全面的信息。

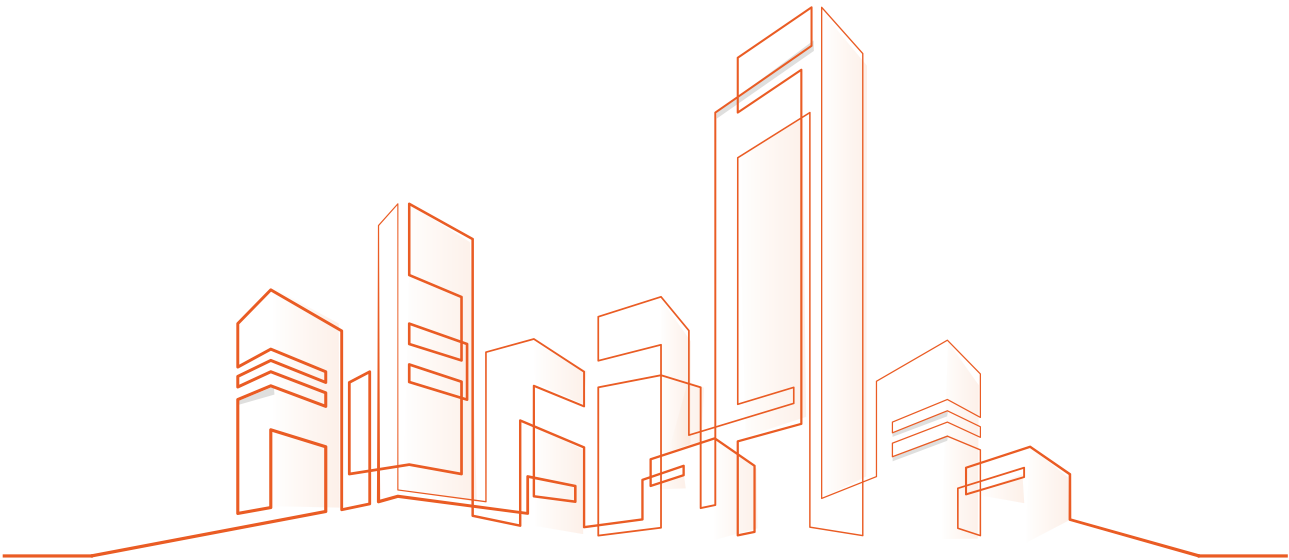
The Company is committed to responsible sales and marketing practices, ensuring that the marketing department, sales teams, and product teams comply with regulations throughout the process of business expansion and contract management. Accurate and comprehensive information is provided in market development, sales of products to customers, and product labeling management.

报告期内

During the reporting period

公司无因不正当竞争行为导致诉讼或重大行政处罚相关情况。

The Company was not involved in any litigation or significant administrative penalties due to unfair competition practices.





# 奉献社会 同筑发展愿景

Contribute to the Society and Build  
A Vision for Development Together

02

远大环保始终秉持“以人为本”的发展理念，通过完善员工权益保障机制和构建公平透明的职业发展平台，为员工创造可持续成长环境。在运营创新层面，公司加速推进数字化转型，构建供应链全流程信息化管理系统，同时建立全生命周期质量管理体系。公司秉承社会责任担当，助力乡村振兴，以科技创新与产业实践推动社会可持续发展。

Yuanda Environmental Protection consistently upholds the development philosophy of “people orientation”. By improving the employee rights protection mechanism and building a fair and transparent career development platform, the Company creates a sustainable growth environment for its employees. At the operational innovation level, the Company accelerates the advancement of digital transformation, builds an information management system for the entire supply chain process, and establishes a full-lifecycle quality management system. It embraces its social responsibility, contributing to rural revitalization and promoting sustainable social development through technological innovation and industrial practices.

凝聚人才资源	51
Gather human resources	
专注科技创新	69
Focusing on science and technology innovation	
优化供应商管理	80
Optimize supplier management	
精进产品质量	82
Improvement of product quality	
臻善客户服务	86
Perfection of customer service	
承担社会责任	87
Assume social responsibility	





# 凝聚人才资源

Gather human resources

远达环保加快建设人才队伍，制定完善的选人用人、薪酬福利体系，依法保障员工权益。公司健全培训机制，明确员工发展路径，充分发挥高素质人才的引领带动作用，通过举办文体活动、组织员工体检等举措，提升员工的归属感和幸福感，增强团队凝聚力。

Yuanda Environmental Protection accelerates the development of its talent teams by establishing a comprehensive system for personnel selection, appointment, and remuneration and welfare, and legally protecting the rights and interests of employees. It refines its training mechanism, clearly defines employee development pathways and leverages the leading role of high-quality talents. Through organizing cultural and sports activities, arranging employee health examinations, and other initiatives, the employees' sense of belonging and well-being is enhanced, and team cohesion is strengthened.

## 01 员工雇佣

Employment

公司构建与现代企业制度相符的劳动用工制度，坚持依法合规、市场导向、公平公正公开原则，引进高素质人才。依据公司相关管理办法，制定招聘计划，开展社会及校园招聘，确保聘用、岗位调整、劳动关系管理等事项无差别对待，严禁任何形式的歧视。

The Company establishes a labor employment system that is in line with modern enterprise systems. In attracting high-quality talents, the principles of legal compliance, market orientation, fairness, justice, and openness are followed. In accordance with the Company's relevant management policies, recruitment plans are formulated, and both social and campus recruitment activities are conducted. The Company ensures non-discriminatory practices in employment, position adjustments, and labor relationship management, strictly prohibiting any form of discrimination.

### 完善选人用人制度体系

Improve the system for personnel selection and appointment

制（修）订选人用人管理制度6个，涉及高校毕业生招聘、本部基础阶段岗位层级、专业骨干人才库等方面，进一步完善人员招聘、提拔晋升、管理监督工作制度体系。

Six management systems for talent selection and appointment have been established (revised), involving recruitment of college graduates, basic position levels in the Headquarters, and professional backbone talent pool, to further promote the improvement of the systems for personnel recruitment, promotion, management and supervision.

### 加大优秀年轻干部选拔使用力度

Intensify the selection and utilization of outstanding young cadres

- 以“两支队伍”建设工作为抓手，建立优秀年轻干部培养和使用工作常态化机制；
- With the focus on building “two teams”, a normalized mechanism for the cultivation and utilization of outstanding young cadres has been established;
- 组织**6名**年轻骨干交叉挂职锻炼，启动2025年度挂职锻炼人选推荐工作。
- Six young backbone talents have been involved in cross-departmental secondment and the recommendation process for candidates for the 2025 cross-departmental secondment program is initiated.

### 加快建设专业化人才队伍

Accelerate the construction of a specialized talent team

- 围绕公司产业发展，组织开展公司系统紧缺人才和高校毕业生需求分析，明确人才引进培养短板和方向；
- Centered on the Company's industrial development, the analysis on the demand for urgently-needed talents and university graduates is conducted to identify the weakness and directions for talent introduction and training;
- 启动“青年专业人才三年规划行动”，确定首批入库人选**120人**；
- The “Three-Year Plan for Young Professionals” is initiated and the first batch of **120** professionals are included in the talent pool;
- 加大高层次人才培养引进力度，推荐国家2024年度人才引进计划**1人**，公开招聘选拔公司总法律顾问**1名**、录用本部及专业中心专业技术人员**5人**，本部**20名**专业技术人员晋升岗位层级，推荐入选国家青年拔尖技术人才**1人**。
- Efforts are intensified to cultivate and introduce high-level talents. The Company recommends one individual for the national talent introduction program for the year 2024, openly recruits and selects one general counsel, hires five professionals for the Headquarters and specialized centers, promotes **20** professionals at the Headquarters to higher positions, and recommends one individual for inclusion in the national top-notch young talent program.

## 02 薪酬福利

Remuneration and welfare

公司构建完善的薪酬福利机制，根据“以岗定薪、按绩取酬”原则，优化完善所属单位年度考核指标，按照所属单位主营业务和所处周期不同，设置有针对性、个性化的考核指标，优化考核体系，实行差异化考核。

The Company establishes a comprehensive remuneration and welfare mechanism. Based on the principle of “defining salary by positions and performance”, it optimizes and refines the annual assessment indicators for its affiliates. Depending on the main business and the lifecycle stage of each affiliate, it sets targeted and personalized assessment indicators, optimizes the assessment system and implements differentiated assessments.

### 经营类单位

For business-oriented organizations

着力“经营绩效+创新驱动+重点任务”  
三维评价

Focus on the three-dimensional evaluation of “business performance + innovation + key tasks”

### 工程类单位

For engineering-oriented organizations

强化造价控制和两金压降

Strengthen cost control, increase the collection ratio and  
reduce inventory

### 运营类单位

For operation-oriented organizations

强化能耗物耗，发展方面突出融资成本、  
投资造价和项目收益

Enhance energy and material consumption efficiency, with  
a development focus on financing costs, investment costs,  
and project returns

### 科研类单位

For research-oriented organizations

强化科研技术适应市场需要，新增市场  
化收入等经营指标

Strengthen the alignment of research and technology with  
market needs, and incorporate additional operational  
indicators such as market-driven income

员工福利方面，公司为员工足额缴纳社会保险及公积金，并提供健康体检、高温补贴、岗位补贴以及加班补贴等福利。同时，推行灵活休假政策，依法保障员工带薪休假、产假等权益，切实平衡员工工作与生活。

In terms of employee benefits, the Company fully contributes to social insurance and housing provident funds for employees, and provides additional welfare such as health examinations, high-temperature allowances, position allowances, and overtime allowances. Additionally, it implements flexible leave policies to protect employees' rights and interests such as paid leave and maternity leave in accordance with the law and effectively balance employees' work and life.

## 远达环保开展广泛调研，积极识别员工诉求

Yuanda Environmental Protection conducts extensive research and actively identifies employee needs

2024年1月，公司聚焦体制机制改革、企业发展、员工成长、员工基础需求四大核心领域，开展员工思想状况调研活动。调研活动采取匿名问卷方式，广泛覆盖公司全体成员，有效回收率为**83%**。

In January 2024, the Company conducted a survey on the ideological status of employees with a focus on institutional reform, enterprise development, employee growth, and basic employee needs. The survey was conducted through anonymous questionnaires, and covered all company members, with an effective response rate of **83%**.

远达环保（本部）

Yuanda Environmental Protection  
(Headquarters)

员工人均带薪休假

Average paid annual leave  
days of employees 8.5 days

8.5 天

员工社会保险缴纳覆盖率

Coverage rate of employee social  
insurance contributions

100 %

## 03 员工发展

Employee development

公司建立“1+1+2”常态化业务学习机制，制定公司教育培训工作提升总体方案，提出2024-2026年工作目标，力争用3年时间，健全完善公司教育培训体系，并督导相关部门、各单位制定专项能力提升方案，发布《公司员工自主提升学历学位、职称及职业（执业）资格激励指导意见》，为助力员工成长提供广泛平台。

The Company establishes a “1+1+2” normalized occupational study mechanism, and formulates an overall plan for improving the Company's education and training work. It sets a work goal for 2024-2026, that is improving the Company's education and training system within three years. Relevant departments and organizations are supervised to develop special ability enhancement plans, and the *Guiding Opinions on Encouraging Employees to Independently Improve their Academic Degree, Professional Title, and Professional (Practicing) Qualifications* are released, providing a broad platform to help employees grow.

## 制定培训体系，搭建发展平台

Develop a training system and build a development platform

制定公司2024年培训计划，举办“本部大讲堂”培训**10期**，督导各单位制定本年度培训计划，经审查同意后报人力资源部备案，并督导推进落实；

Develop the Company's 2024 training plan, hold **10** sessions of the "Headquarters Lecture Hall" training, supervise each organization to develop its own training plan, submit it to the Human Resources Department for filing after review and approval, and supervise the implementation;

制定公司年轻干部能力提升班专项培训方案，组织**27名**年轻干部开展5-10月集中学习；

Develop a special training plan for young cadres' ability enhancement in the Company, and organize **27** young cadres for massed learning from May to October;

制定国家电投环保培训基地建设方案；

Develop a plan for the construction of a training base for SPIC Yuanda Environmental Protection Co., Ltd.;

推进内部培训网络平台建设；

Promote the construction of internal training network platform;

督导各部门、各单位每周开展常态化业务培训，业务培训实现全覆盖；

Supervise all departments and organizations to conduct regular business training every week, and ensure full coverage of business training;

组织参加央企干部研学班活动、央企党员联学班活动、党的二十届三中全会精神轮训。

Organize participation in study classes for cadres of central enterprises, joint study classes for party members of central enterprises, and rotation training of the spirit of the Third Plenary Session of the 20th Central Committee of the CPC.

## 案例 CASE

### 远达环保创办2024年“建功创一流”安全生产与合规经营技能竞赛

Yuanda Environmental Protection held the 2024 "Striving for Excellence and Creating First-class Enterprise" Work Safety and Compliance Management Skills Competition

2024年“建功创一流”竞赛由所属8家单位组成7支队伍共计35名选手参加，是公司首次由所属单位党政主要负责人亲自带队参加的技能竞赛，也是远达环保全员守安全底线、树合规理念文化、助力员工多元发展的缩影。

The 2024 "Striving for Excellence and Creating First-class Enterprise" Skills Competition brought together 35 participants from 7 teams of 8 affiliates. This marks the first time that the Company's competition has seen the principal party and administrative leaders of the affiliates personally leading their teams. It is also a microcosm of Yuanda Environmental Protection's commitment to securing the bottom line of safety for all employees, cultivating a culture of compliance and supporting the diversified development of employees.



2024 年

In 2024

员工培训场次

Number of employee training sessions 677 times

677 次

员工培训支出

Cost of employee training 746691.82 RMB

74.67 万元

员工平均培训时长

Average duration of employee training 61 hours

61 小时

员工培训总时长

Total duration of employee training 5,307 hours

5,307 小时

员工培训参与总人次

Total number of employee training participants 87 person-time

87 人次

员工培训覆盖率

Employee training rate

100 %



案例 CASE

远达环保举办 2024 年第 1 期电气实操技能培训

Yuanda Environmental Protection held the first electrical practical operation skills training for the year 2024

2024 年 4 月,根据“持恒强基”能力提升主题活动部署,公司举办 2024 年第 1 期电气实操培训,进一步“强三基、固三本”。

In April 2024, according to the ability enhancement activity of “maintaining the core and strengthening the foundation”, the Company held the first electrical practical training for the year 2024, further “strengthening the grass roots, foundation and basic skills and solidifying the standardization, engineering quality, team quality”.



2024 年全年共召开职工代表大会 **4 次**,对《员工勤务管理办法》《安全风险抵押金管理办法》《绩效管理办法》等重要制度进行了民主评议,充分发挥职工代表的民主管理和监督职能,确保职工合法权益得到保障,推动职工深刻理解、积极支持并主动融入各项改革措施。

In 2024, four meetings of congress of workers and employees were held to conduct democratic evaluations of important systems such as the *Employee Service Management Measures*, *Management Measures for Safety Risk Deposits*, and *Performance Management Measures*. The democratic management and supervision functions of employee representatives were fully utilized to ensure the protection of employees' legal rights and interests, and to promote employees' deep understanding, active support, and active integration into various reform measures.

利用合理化建议和提案征集机制

Make use of rational suggestion and proposal collection mechanism

- 倡导广大员工群众踊跃提出宝贵意见和建议;
- Encourage employees and the general public to actively provide valuable opinions and suggestions;

2024 年全年采纳了 **2 项**关于企业管理和员工关怀的合理化建议,成功征集了 **4 项**提案,并及时向员工反馈了处理结果。

- In 2024, **2** rational suggestions on enterprise management and employee care were adopted, and **4** proposals were successfully collected, with the handling results being promptly reported to employees.

拓宽诉求表达的渠道

Broaden channels for expressing demands

常态化开展“总经理接待日”活动。2024 年共组织 **6 次**总经理接待日活动。

- Regularly carry out the “General Manager Reception Day” activity. In 2024, six “General Manager Reception Day” activities were organized.

密切关注员工的思想动态

Pay close attention to the ideological dynamics of employees

全年针对员工的身心健康问题进行了 **2 次**线上调研和 **23 次**线下访谈,共有 **689 人次**参与,收集了 **5 类**意见建议;

- Two online surveys and **23** offline interviews were conducted throughout the year to address the physical and mental health issues of employees, with a total of **689** participants and five types of opinions and suggestions being collected;

• 其中针对员工最关心的商业健康保险问题,形成了上级工会提案,有效推动了远达系统全面考虑和实施。

- Regarding the commercial health insurance issue that employees were most concerned about, a proposal was formulated and submitted to the superior labor union, effectively promoting the comprehensive consideration and implementation of the Yuanda system.

04 民主管理  
Democratic management

公司始终秉承深入群众、服务群众的工作原则,严格遵循《企业民主管理规定》及《全民所有制工业企业职工代表大会条例》等相关法规要求,执行职工代表大会制度,切实维护员工的知情权、参与权、表达权和监督权。

According to the requirements of relevant laws and regulations such as the *Provisions on Democratic Management in Enterprises* and *Regulations on the Congress of Workers and Employees of Industrial Enterprises Owned by the Whole People*, the Company implements the system of congress of workers and employees under the principle of going deep among the masses and serving the masses to effectively safeguard the employees' right to know, participate, express and supervise.

公司致力于打造开放、透明、民主的沟通环境,持续强化企业民主管理。以职工代表大会为基本形式,构建了完善的民主管理机制,结合 SPIC 家园、远达家园、合理化建议,健全职工建言献策工作体系,全力保障职工权益,构建和谐友好的劳动关系。

The Company is committed to creating an open, transparent, and democratic communication environment, and continuously strengthening democratic management of the Company. With the congress of workers and employees as the fundamental form, it establishes a comprehensive democratic management mechanism. This mechanism, integrated with platforms such as SPIC Home and Yuanda Home, and rational suggestions, forms a robust framework for employees to offer suggestions and advice. The Company is dedicated to protecting employees' rights and building harmonious and friendly labor relations.

### 重视员工用餐 健康与安全

Play high importance  
on employee food health  
and safety

- 建立了食堂监督检查的常态化机制，各部门抽调人员以轮值形式，每日对食堂的食材数量和质量进行监督，确保员工用餐安全；
- A regular canteen inspection and supervision mechanism has been established, with staff from various departments taking turns to supervise the quantity and quality of ingredients daily, ensuring food safety for employees.
- 2024 年共开展 **146 次** 检查，全年未发生任何食品安全问题。
- In 2024, **146** inspections were conducted, and no food safety incidents occurred throughout the year.

## 05 员工关爱

Employee care

远达环保始终坚持以服务职工为中心，持续深化为职工群众办实事工作，制定了《员工关心关爱管理办法》《送温暖慰问实施细则》《特重病救助管理办法》《特困职工帮扶实施细则》等多项员工关心关爱制度。围绕职工急难愁盼事项，构建了一系列“我为群众办实事”的长效机制，积极推进关爱帮扶工作。

Adhering to the principle of serving employees as the center, Yuanda Environmental Protection continuously deepens efforts to address the practical needs of its employees, and formulates multiple employee care systems, such as the *Employee Care Management Measures*, *Implementation Rules for Sending Support to Employees*, *Management Measures for Assistance for Treating Major and Serious Diseases*, and *Implementation Rules for Assistance to Extraordinarily Poor Employees*. Focusing on the urgent and challenging issues faced by employees, a series of long-term mechanisms under the initiative “I Do Practical Things for the People” have been built to actively promote employee care and assistance work.

#### 案例 CASE

#### 远达环保召开二届三次职代会暨 2024 年度工作会议

Yuanda Environmental Protection held the Third Meeting of the Second Session of Congress of Workers and Employees and 2024 Work Conference

2024 年 1 月，远达环保召开二届三次职代会暨 2024 年工作会议，团结带领广大干部职工坚定“绿能、低碳、生态、科技”转型发展的信心，凝聚干事创业的强大合力。

In January 2024, Yuanda Environmental Protection held the Third Meeting of the Second Session of Congress of Workers and Employees and 2024 Work Conference, uniting and leading cadres and workers to firmly establish their confidence in the transformation and development towards “green energy, low carbon, ecology, and technology”, and consolidating a strong force for entrepreneurship and development.



#### 致力帮扶工作

Devote efforts to  
assistance work

- 全年投入 **48.81 万元**，开展了一系列帮扶慰问活动，并申请上级慰问资金 **3 万余元**；
- Throughout the year, a total of **RMB 488,100** was invested to carry out a series of assistance and condolence activities, with **more than RMB 30,000** of condolences funds applied for from the superior organization;
- 为员工启动了困难员工帮扶预案，提供了 **1 万元** 救助金和 **6 万余元** 的募捐支持，并积极协调社会资源，助力其成功转院。
- The plan to assist employees in difficult situations was initiated, providing **RMB 10,000** in relief funds and **over RMB 60,000** in donated funds, and actively coordinating social resources to help them successfully transfer to better hospitals.

#### 强化女工关怀

Strengthen the care for  
female employees

通过举办女性健康讲座、利用“妈咪小屋”，为 **72 人次** 女员工提供服务。

By organizing women's health lectures and deploying the “Mommy Room”, services were provided to **72** female employees.



打造美好工作  
环境

Create a good working  
environment

- 推动并解决了走廊天花板脱落的问题；
- The issue of falling ceiling in the corridor was resolved;
- 督促完成了办公室老旧灯箱的更换工作。
- The replacement of old light boxes in the office was completed.

重视员工心理  
健康

Pay attention to  
the psychological health  
of employees

2024 年开展 **23 人次** 的线下谈话，及时对压力较大的职工进行了心理疏导，并对共性问题形成了报告，向有关部门反映并确保了反馈工作的落实。

In 2024, offline conversations with **23** employees were conducted to provide timely psychological counseling for employees under high pressure, and reports were formed on common issues, which were reported to relevant departments and saw the implementation of feedback work.

丰富职工文化  
生活

Enrich the cultural life  
of employees

- 全年组织了 **124 人次** 参与了 **7 项** 大型文体活动，在上级庆祝新中国成立 75 周年文艺汇演中取得了优异成绩，荣获一二等奖。
- Throughout the year, **124 employees** participated in **7** large-scale cultural and sports activities. Outstanding achievements were made at the superior organization's artistic performance celebrating the 75th anniversary of the founding of the People's Republic of China, with awards for first and second places.
- 结合腊八节、春节等传统节日，举办了 **4 个** 特色活动。
- In addition, **4** special events were held to celebrate traditional festivals such as Laba Festival and Spring Festival.



员工关爱系列活动

Employee Care Series Activities

远达环保各级组织开展国庆节前夕走访慰问活动

Yuanda Environmental Protection organized visits and condolences before the National Day holiday



围绕亲子关系与正念疗愈开展心理健康讲座

Conducted mental health lectures around parent-child relationships and mindfulness therapy



举办八段锦比赛

Held an eight trigrams boxing competition





## 06 职业健康与安全

Occupational health and safety

远达环保深入学习贯彻习近平总书记关于安全生产的重要论述，牢固树立安全发展理念，将员工生命安全与身心健康置于重要位置，坚持生命至上，严守安全生产底线红线。公司持续完善职业健康与应急管理体系，提升安全管理效能，严格遵守法规，扎实推进安全生产工作，构建员工职业健康与安全长效保障机制。

By thoroughly studying and implementing the important directives of the General Secretary Xi Jinping on work safety, and firmly establishing the concept of safety development, Yuanda Environmental Protection places the life safety and physical and psychological health of its employees in a position of paramount importance. It adheres to the principle of putting life first and strictly upholds the bottom line for work safety. To be specific, it continues to refine its occupational health and emergency management systems for improvement of the effectiveness of safety management, diligently advances work safety work according to regulations, and builds long-term guarantee mechanisms for employee occupational health and safety.

### 治理 Governance

公司制定《生产安全事故事件管理办法》《安全生产费用管理办法》《安全生产责任制管理办法》《健康与劳动保护管理办法》《安全生产工作规定》等制度，坚定“任何风险都可以控制、任何违章都可以预防、任何事故都可以避免”的安全理念，树立“发展绝不能以牺牲安全为代价”的红线意识，坚持“零死亡”奋斗目标，培育远达环保特色企业安全文化。

The Company establishes a series of regulations, including the *Management Measures for Work Safety Incidents and Events*, *Management Measures for Work Safety Costs*, *Management Measures for Work Safety Responsibility System*, *Management Measures for Health and Labor Protection*, and *Work Safety Regulations*. These regulations firmly uphold the safety philosophy that “any risk can be controlled, any violation can be prevented, and any accident can be avoided”, and foster a distinctive corporate safety culture at Yuanda Environmental Protection with a red line awareness that “development must never come at the cost of safety” and a goal of “zero death”.

### 战略 Strategy

公司安全生产管理工作服务集团“均衡增长战略”，奉行国家电投集团“绿色 创新 融合、真信 真干 真诚”的核心价值观，运用国家电投集团党组“学 研 创 落”的工作方法，在安全治理体制机制、理念方法上与时俱进、创新发展。深化源头治理、系统治理和综合治理，建设本质安全型企业，不断提升公司安全生产治理体系和治理能力现代化。

The Company's work safety management work serves the “balanced growth strategy” of SPIC, and adheres to the core values of “green, innovation, integration, belief, honesty, sincerity” of SPIC. By employing the SPIC leading Party group's working methodology of “study, research, innovation, and implementation”, it continuously evolves and innovates in its safety management systems, mechanisms, concepts, and methods. It deepens source governance, systematic governance, and comprehensive governance to build an intrinsically safe enterprise. This effort aims to continuously enhance the modernization of the Company's work safety governance system and capabilities.

### 影响、风险和机遇管理 Impact, risk and opportunity management

公司修订发布《安全生产风险分级管控与隐患排查治理管理办法》，进一步完善了风险分级管控和隐患排查治理机制，组织开展隐患排查，对排查出来的事故隐患分析确定事故隐患级别，督促相关单位按时整改，并对隐患整改结果进行有效性验证，有效消除安全隐患，预防事故发生，保障公司安全生产和员工职业安全与健康。

The Company revises and releases the *Management Measures for Work Safety Risk Classification, Control, and Hidden Danger Investigation and Governance*, further improving the mechanisms for risk classification, control, and hidden danger investigation and governance. It organizes hidden danger investigations, analyzes and determines the severity levels of identified hazards, urges relevant organizations to complete rectifications on time, and verifies the effectiveness of these rectifications, so as to effectively eliminate safety hazards, prevent accidents, ensure the Company's work safety and safeguard employees' occupational safety and health.

### 落实安全生产，排查治理隐患 Implement work safety and identify and control hidden dangers

召开安委会**3次**，分析安全环保形势，部署工作举措；董事长讲授开工第一课，审议发布本安企业建设方案、安全月活动方案；

Convene the safety committee **3 times**, analyze the safety and environmental protection situation, and take measures; the Chairman gives the lecture on the first project, and reviews and releases the construction plan for intrinsic safety enterprises and the activity plan for safety month;

各级领导坚持带头开展隐患排查，公司本部、三级单位班子成员累计开展安全检查**458次**，发现并治理生产安全隐患2075项，检查次数、发现隐患条数相比同期分别上升**20%、39%**，领导表率作用得到较好发挥；

Leaders at all levels insist on taking the lead in identifying hidden dangers. Members of the Company's Headquarters and tertiary units have conducted a total of **458** safety inspections, discovered and controlled 2,075 hidden hazards in work safety. The numbers of inspections and hidden dangers discovered have increased by **20%** and **39%** respectively compared to the same period, and the leaders have played a good exemplary role;

按照领导班子分片区、管理人员划项目、基层人员管区块的原则，实行“划片负责”+“网格管理”机制，逐一明确各级管理界面、工作标准，初步构建了横向到边、纵向到底安全监管网络，网格化管理机制在大部分单位已有明显体现，现场问题能及时发现并找到负责人协调解决；

Based on the principle of classifying zones to leading groups, assigning projects to management personnel and allocating management blocks to primary-level personnel, a “zone responsibility” + “grid management” mechanism is implemented to clarify the management ranges and work standards at all levels, and construct a preliminary safety supervision network at all levels and across all departments. The grid management mechanism is reflected in most organizations, and on-site problems can be discovered in time and coordinated with principals for resolution;

落实安全总监垂直管理要求，建立安全总监工作职责标准，各级安全总监严格按规定的工作内容履职尽责，并定期报告履职情况；

Implement the vertical management requirements of the safety director, establish work responsibility standards for the safety director, ensure that safety directors at all levels strictly fulfill their duties by the prescribed work, and regularly report on their performance;

推行安全生产保证金、三级单位安全生产关键岗位履职评价机制，通过正负向激励相结合的方式，推动形成主动履职、认真履职的良好氛围。

Implement a work safety deposit system and a performance evaluation mechanism for key work safety posts in tertiary units, and promote a good atmosphere of proactive and conscientious performance through a combination of positive and negative incentives.

指标与目标

Indicators and targets

报告期内

During the reporting period

公司通过 ISO: 45001:2018 职业健康安全管理体系认证。

The Company passed ISO: 45001:2018 Certificate of Occupational Health and Safety Management System.



指标 Indicator	单位 Unit	2024
工作场所员工安全事故数量 Number of safety accidents among employees in the workplace	件 Nos.	0
工伤率 Work injury rate	%	0
因工亡故人数 Number of work-related deaths	人 People	0
因工亡故比率 Proportion of work-related deaths	%	0
因工伤损失工作日数 Number of working days lost due to work-related injuries	日 Day	0
职业病发生数量 Number of occupational diseases	件 Nos.	0
职业病发生率 Incidence of occupational diseases	%	0
员工职业健康安全投入 Investment amount for employee occupational health and safety	万元 RMB ten thousand	0

案例 CASE

2024年春检及防汛防台准备工作

Preparation for spring inspection and flood and typhoon prevention in 2024

2024年，公司系统对自身安全生产状况进行全面排查，无重大风险隐患。公司梳理相关系列问题，提出举一反三开展自查整改、强化规范安全生产管理、规范施工方案管理等整改措施。

In 2024, the Company comprehensively inspected its work safety status and found no major risks or hidden dangers. The Company sorted out relevant issues and proposed corrective measures, for example conduct self-examination and rectification by drawing inferences about other cases from one instance, strengthen standardized work safety management, and standardize the management of construction schemes.

在防汛防台工作准备阶段，公司系统成立各级防汛防台组织机构，明确应急管理职责；组织基层单位重点开展非固定设施及雨水排水系统清理维护工作，准备防汛防台应急物资。

In the preparation stage of flood and typhoon prevention, the Company established organizations for flood and typhoon prevention at all levels and clarified emergency management responsibilities; it organized primary-level units to focus on cleaning and maintaining non-fixed facilities and rainwater drainage systems, and prepare emergency materials for flood and typhoon prevention.

针对火灾、高处坠落、触电、防洪防汛防台等生产安全及自然灾害事故风险，公司组织开展应急演练**108次**，演练方式包括实战演练、桌面演练、双盲应急演练，参演人数共计**1462人**。

In response to work safety and natural disaster risks such as fire, falling from height, electric shock, and flood and typhoon prevention, the Company organized **108** emergency drills, including practical drills, desktop drills and double-blind emergency drills, with a total of **1,462 participants**.



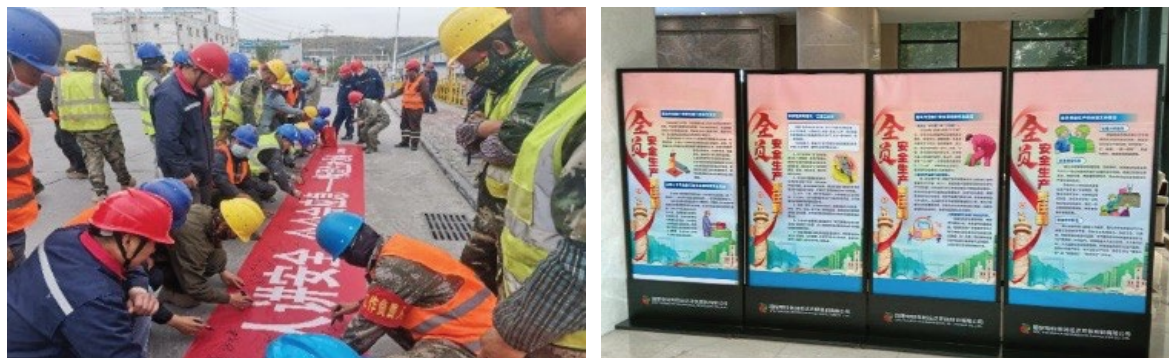
## 案例 CASE

### 2024 年“安全生产月”活动

“Work Safety Month” activity in 2024

2024 年 5 月，公司启动安全月活动，系统张贴悬挂安全生产月主题标语、横幅、挂图等 **665 幅**，组织开展“人人讲安全、个个会应急——畅通生命通道”主题签名活动和安全公益宣传片观看活动。

In May 2024, the Company launched the “Work Safety Month” activity, with **665 slogans**, banners, posters, etc. posted and hung in the wall, and organized the signature activity and watching activities for safety public welfare promotion videos themed on “everyone pays attention to safety, and everyone knows emergency treatment - unblocked life channel”.



公司本部组织购买安全生产相关书籍 **47 册**；举办第一责任人公开授课 **8 场**，所属三级单位主要负责人组织开展“安全生产大家谈”等活动 **64 场**。公司开展安全知识竞赛、应急疏散救援演练活动，有效增强员工安全意识，提升紧急情况的应对能力。

The Company' Headquarters purchased **47 books** related to work safety; the first principal held **8** public lectures, and the main principals of affiliated tertiary units carried out **64 activities** such as “everyone talks about work safety”. The Company conducted safety knowledge competitions and emergency evacuation and rescue drills, to effectively enhance employees' safety awareness and improve their ability to respond to emergencies.



## 案例 CASE

### 远达环保举办急救知识培训

Yuanda Environmental Protection held the training on first aid knowledge

2024 年 6 月，公司举办急救知识培训，强化干部职工自我救护能力和防范意识。

In June 2024, the Company held the training on first aid knowledge, to strengthen the self-rescue ability and prevention awareness of cadres and employees.



## 案例 CASE

### 举办公司安全监督人员认证培训

Yuanda Environmental Protection held the certification training for safety supervisors of the Company

公司于 2024 年 4 月、5 月分别组织开展安全监督人员认证培训，提升公司安全监督人员的能力和素质，形成安监人员培训教育和认证工作机制。

The Company organized the certification training for safety supervisors in April and May 2024 respectively, to enhance their ability and quality, and form a mechanism for training, education and certification of safety supervisors.





# | 专注科技创新

Focusing on science and technology innovation

远达环保以推动科技创新培植核心竞争力，持续优化科技管理体制机制，全力打造先进环保技术能力，进一步落实知识产权保护，为科技创新提供有力支撑，通过加强数字化培训，促进公司实现数字化转型。

Yuanda Environmental Protection promotes science and technology innovation, cultivates core competitiveness, continuously optimizes the science and technology management system and mechanism, and fully develops advanced environmental protection technologies; it further implements intellectual property protection, provides strong support for science and technology innovation, and promotes the digital transformation by strengthening digital training.

## 01 科技创新管理

Science and technology innovation management

### 治理

Governance

公司持续完善科技创新体制机制，制定《科技与创新管理规定》《科研项目管理实施办法》《科技创新与数字化投资管理办法（试行）》，规范公司科技创新工作体制机制，明确工作要求，提升公司科技创新管理水平。

The Company continues to improve its science and technology innovation system and mechanism, and formulates the *Regulations on Science and Technology Innovation Management, Management Measures for Scientific Research Projects and Management Measures for Science and Technology Innovation and Digital Investment (Trial)*, to standardize the Company's science and technology innovation work system and mechanism, clarify work requirements, and enhance the Company's science and technology innovation management level.

### 科技创新专项激励机制

Special incentive mechanism for science and technology innovation

深入推动公司科技成果落地见效、创造价值，促进公司高质量发展，现已完成《科技成果转化单列考核激励优化方案》编制，初步具备发布条件。

Promote the implementation of the Company's science and technology achievements to create value, enhance high-quality development of the Company, prepare the *Optimization Plan for Single Assessment and Incentive of Science and Technology Achievement Transformation*, and provide preliminary release conditions.

### 科技创新服务虚拟结算机制

Virtual settlement mechanism for science and technology innovation services

完善并发布了《公司科技创新服务虚拟结算方案（2024 版）》，着力推进公司科技创新成果内部转化应用，并制定科技成果价值简易评估机制

Improve and release the *Virtual Settlement Scheme for Science and Technology Innovation Services (2024)*, promote the internal transformation and application of the Company's science and technology innovation achievements, and develop a simple evaluation mechanism for the value of science and technology achievements.

### 科技创新领域揭榜挂帅

Open competition for the best practicer in the field of science and technology innovation

完成科技创新领域揭榜挂帅工作方案，初拟张榜项目，鼓励跨单位组建创新攻关团队，试行项目团队考核激励

Complete the work scheme for open competition for the best practicer in the field of science and technology innovation, preliminarily plan the projects to be listed, establish an innovation and research team across units, and trial the project team assessment and incentive system.

公司成立传统产业技术迭代升级工作机构。组织工程公司、催化剂公司和水务公司分别成立针对各自专业领域的技术迭代升级专项工作机构，配备专业技术力量，确保技术迭代升级工作的专业性和实效性。

The Company establishes an organization for the iteration and upgrading of traditional industry technology, organizes the Engineering Company, Catalyst Company and Water Company to establish specialized organizations for the iteration and upgrading of technology in their professional fields, and provides professional technical forces, to ensure the professionalism and effectiveness of iteration and upgrading of technology.

公司按照行政、技术相对独立原则完成公司第三届技术委员会组建方案编制，并制定技术委员会常务委员贡献评价和动态选聘工作流程。

The Company prepares the establishment plan of the Third Technical Committee by the principle of relative independence in administration and technology, and develops a workflow for contribution evaluation and dynamic selection of the executive committee member of the technical committee.

## 战略

### Strategy

公司聚焦“能源环保+环保能源”产业定位，围绕“绿能、低碳、生态、科技”发展方向，持续优化完善科技管理体制机制，发布《远达环保关于全面深入推进科技创新工作的指导意见》，从公司层面进行科技创新总体部署，积极拓展新兴产业技术研究，全力打造先进环保技术支撑能力，以技术助推产业孵化。

The Company focuses on the industry positioning of “energy and environmental protection + environmental protection and energy”, and continuously optimizes and improves the science and technology management system and mechanism around the development direction of “green energy, low-carbon, ecology, and science and technology”. It issues the *Guiding Opinions of Yuanda Environmental Protection on Comprehensive and In-depth Promotion of Science and Technology Innovation*, and makes overall arrangements for science and technology innovation at the company level. It actively expands research on emerging industry technologies, strives to provide advanced environmental protection technology supports, and promotes industrial incubation by using technology.

## 影响、风险和机遇管理

### Impact, risk and opportunity management

公司为防范知识产权风险，提高市场竞争力，根据国家有关法律法规和国家电投集团知识产权管理办法制定《知识产权管理规定》，建立、完善公司知识产权管理体系及制度流程并组织实施，负责将知识产权创造、保护和风险防范管理纳入科研管理和实施全过程。

In order to prevent intellectual property risks and enhance market competitiveness, the Company formulates the *Regulations on Intellectual Property Management* in accordance with relevant national laws and regulations as well as the intellectual property management measures of the SPIC, establishes and improves its intellectual property management system and institutional processes for implementation, and incorporates the creation, protection and risk prevention management of intellectual property into the whole process of scientific research management and implementation.

## 夯实知识产权管理，强化产权保护力度

Strengthen intellectual property management and enhance intellectual property protection

持续强化知识产权保护，申请专利**49件**，同比增长**36%**，呈现稳步上升态势。

Continuously strengthen intellectual property protection, apply for **49 patents**, reach a year-on-year increase of **36%**, and show a steady upward trend.

组织完成光伏组件回收技术知识产权分析和专利风险评估，形成知识产权分析报告、专利风险评估报告等专项分析报告。

Complete the intellectual property analysis and patent risk assessment for PV module recycling technology, and generate special analysis reports such as intellectual property analysis reports and patent risk assessment reports.

## 指标与目标

### Indicators and targets

#### 报告期内

During the reporting period

公司“重庆市院士工作站”与“污染物先进控制和治理技术重庆市工业和信息化重点实验室”通过复审评估。

The Company’s “Chongqing Academician Workstation” and “Chongqing Key Laboratory of Industry and Information Technology for Advanced Control and Treatment of Pollutants” passed the review and evaluation.

## 02 科技创新成果

### Achievements of science and technology innovation

2024年，公司系统获得科技类奖励6项，其中“三级式分区协同除尘脱硫系统”荣获中国职工技术协会2023年中国专利年度奖一等奖，“火电环保智能系统”荣获2024年智能发电技术创新成果五星奖。“低能耗碳捕集成套技术及工程应用”项目顺利通过中国电机工程学会组织的科学技术成果鉴定，由院士领衔的专家组鉴定一致认为项目技术成果整体达到国际领先水平。

In 2024, the Company won 6 science and technology awards, among which the “three-level partitioned collaborative dust removal and desulfurization system” was granted the First Prize of China Patent Award in 2023 by the Chinese Workers’ Technical Association, and the “thermal power environmental protection intelligent system” was granted the award for Technological Innovation Achievements of Smart Power Generation (Five Stars) in 2024. The “Packaged Technology of Carbon Capture with Low Energy Consumption and Project Application” project has successfully passed the science and technology achievement appraisal organized by the Chinese Society of Electrical Engineering. The expert group led by academicians agrees that the overall technical achievements of the project have reached the international leading level.

## 燃煤燃机全周期二氧化碳捕集成套技术及关键设备

Packaged technology of full-cycle CO2 capture and key equipment for coal-fired gas turbines



潜在影响

Potential impact

关键指标再生热耗、电耗等优于行业平均水平**10-20%**，达到国内领先、国际一流水平。

Key indicators such as regenerative heat consumption and electricity consumption are **10-20%** better than the industry average, reaching a domestic leading and international first-class level.





## 光辐照废旧光伏组件

Light irradiation of waste PV modules

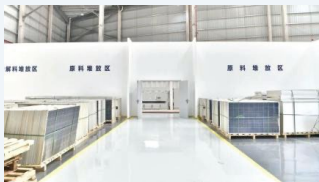


潜在影响

Potential impact

处理能耗较传统热处理技术降低约**30%-40%**, 处理自动化率超**90%**, 拆解效率小于**120秒/块**, 并可根据处理规模, 匹配移动式、集中式等处理线, 竞争优势明显。

The energy consumption is reduced by about **30% - 40%** compared to traditional heat treatment technology; the processing automation rate exceeds **90%**; the disassembly efficiency is less than **120 s/block**. It can be matched with mobile, centralized and other processing lines by the processing scale, with obvious competitive advantages.



## 脱硝催化剂再生技术

Regeneration technology of denitration catalyst



潜在影响

Potential impact

有效解决废催化剂处置问题, 减少氮氧化物排放和土地资源占用, 降低处置成本, 减少, 实现废弃资源循环综合利用。

Effectively dispose of waste catalyst disposal, reduce nitrogen oxide emissions and land resource occupation, lower disposal costs, and achieve comprehensive utilization of waste resources through recycling.



## “1000吨/年拆解线+350吨/年修复线”的中试产线

Pilot production line of “1,000 t/year disassembly line + 350 t/year repair line”



潜在影响

Potential impact

产线具有流程短、自动化程度高、能耗低、无三废排放等优点, 致力于为退役储能电池提供资源化利用方案。

The production line is characterized by a short process, high automation, low energy consumption and no discharge of three wastes (waste gas, waste water and waste residue), providing resource utilization solutions for decommissioned energy storage batteries.



## 垃圾焚烧催化剂

Waste incineration catalyst



潜在影响

Potential impact

产品具备优良抗硫抗水性能, 打破国外市场垄断, 在河北绿燃垃圾发电项目投入应用。

The product has excellent sulfur and water resistance, breaking the monopoly of foreign markets, and has been put into application in the Hebei Lvran Waste-to-Energy Project.



## 高活性低压降燃气催化剂

Highly active gas catalyst with low-pressure drop



潜在影响

Potential impact

打破国外技术垄断, 为重型燃机脱硝提供国产方案, 解决“卡脖子”难题, 将在中国重燃临港项目示范应用。

Break the monopoly of foreign technology, provide domestic solutions for the denitration of heavy-duty gas turbines, solve the “stranglehold” problem, and demonstrate and apply it in the Lingang Heavy-Duty Gas Turbine R&D Project in China.

## 智能环保运营平台

Intelligent environmental protection operation platform



潜在影响

Potential impact

先后获评重庆市电力科学技术二等奖、智能发电技术创新成果三星, 其中,《一种智能环保运行监测系统》获国家知识产权局实用新型专利授权。

It has successively awarded the Second Prize of Power Science and Technology Award of Chongqing City and Technological Innovation Achievements of Smart Power Generation (Three Stars). Among them, An Intelligent Environmental Monitoring System has been authorized by the China National Intellectual Property Administration as a utility model patent.



## 三级式分区协同除尘脱硫系统

Three-level partitioned collaborative dust removal and desulfurization system



### 潜在影响

Potential impact

荣获中国职工技术协会中国专利年度（一等）奖，有效增强公司脱硫市场竞争力。

It is granted the First Prize of China Patent Award by the Chinese Workers' Technical Association, enhancing the Company's competitiveness in the desulfurization market.

## 多效高级旋流子研发与应用

R&D and application of high-efficiency advanced cyclone



### 潜在影响

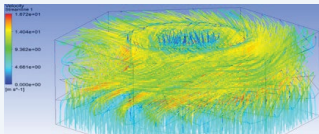
Potential impact

有效改善浆液品质，提升废水系统出力，减少设备电耗，获评2024年全球卓越工程师大赛优秀成果转化奖。

Effectively improve the quality of the slurry, enhance the output of the wastewater system, reduce equipment power consumption, and win the Outstanding Achievement Transformation Award of Global Outstanding Engineer Competition in 2024.

## 全新旋流式技术

New cyclone separation technology



### 潜在影响

Potential impact

优化传统沸腾式泡沫脱硫除尘一体化传质构件，脱硫效率提升约**50%**，造价较业内同类型构件降低约**59%**。

Optimize the traditional boiling bubble desulfurization and dust removal integrated mass transfer components, increase the desulfurization efficiency by **about 50%**, and reduce the cost by **about 59%** compared with the components of the same type in the industry.

## 适应低碳氮比市政污水的深度脱氮技术

Deep denitrification technology adapted to low-carbon nitrogen ratio municipal wastewater



### 潜在影响

Potential impact

该技术应用可以替代碳源投加，不仅改善区域水环境质量，还可为污水处理厂降低运行成本约20%-30%，带来生态和经济双重效益，推广应用价值明显。

It can replace carbon source dosing, which not only improves regional water environment quality, but also reduces operating costs for sewage treatment plants by about 20%-30%, bringing dual benefits of ecology and economy as well as significant value for promotion and application.

## CO<sub>2</sub>加氢制甲醇中试装置

CO<sub>2</sub> hydrogenation to methanol pilot plant



### 潜在影响

Potential impact

该设备操作弹性大，安全性高，具备了不同温度、压力以及氢碳比的试验研究能力。设备有助于减少二氧化碳的排放，还能缓解对传统化石能源制取甲醇的依赖。

The equipment is characterized by high operating flexibility and safety, with the ability to conduct test research at different temperatures, pressures and hydrogen-to-carbon ratios. It can be used to reduce CO2 emissions and alleviate dependence on production of methanol from traditional fossil fuels.

## “蜂窝除雾器”国际专利

International patent for “cellular demister”



### 潜在影响

Potential impact

设备具有稳定高效、适应性强和深度除雾的特点。此专利为“一带一路”沿线国家碳减排、防止全球气候变暖提供高效、经济的“中国方案”。

The equipment is characterized by stability, high efficiency, strong adaptability and deep defogging. The patent provides an efficient and economic “Chinese approach” for countries along “the Belt and Road” to reduce carbon emissions and prevent global warming.



## 案例 CASE

### 远达环保“低能耗碳捕集成套技术及工程应用项目顺利通过中国电机工程学会科学技术成果鉴定

The “Packaged Technology of Carbon Capture with Low Energy Consumption and Project Application” Project of Yuanda Environmental Protection has successfully passed the appraisal of scientific and technological achievements by the Chinese Society for Electrical Engineering

2024年5月，公司的“低能耗碳捕集成套技术及工程应用”项目顺利通过中国电机工程学会科学技术成果鉴定，并在国内首个万吨级燃煤、燃气试验平台——合川双槐电厂万吨级碳捕集装置上验证了关键工艺参数及性能指标，解决了行业内常规技术烟气碳捕集过程热耗高、吸收剂损耗大等难题。

In May 2024, the “Packaged Technology of Carbon Capture with Low Energy Consumption and Project Application” Project successfully passed the appraisal of scientific and technological achievements by the Chinese Society for Electrical Engineering. The Company verified key process parameters and performance indicators on the first 100,000-ton coal and gas test platform in China - 100,000-ton carbon capture device of Hechuan Shuanghuai Power Plant, solving the problems of high heat consumption and absorbent loss in the conventional flue gas carbon capture process in the industry.



## 案例 CASE

### 远达环保顺利完成“光伏+”沙漠生态治理技术实验研究

Yuanda Environmental Protection successfully completes the experimental research on “PV+” desert ecology control technology

公司所属科技公司协同内蒙古新能源有限公司顺利完成C类科研项目“‘光伏+’沙漠生态治理技术实验研究”。依托该项目实施，项目组建设了乌兰布和生态沙产业示范区300亩“光伏+”沙漠生态治理技术实证平台。

The Scientific and Technical Company affiliated with the Company, in collaboration with Inner Mongolia New Energy Co., Ltd., successfully completes the C-class scientific research project “experimental research on “PV+” desert ecology control technology”. Based on the project, the project team builds a 300 mu “PV+” desert ecology control technology demonstration platform in the Ulan Buh Desert Ecology Industry Demonstration Zone.



## 案例 CASE

### 远达环保首个二氧化碳加氢制甲醇中试装置顺利产出“绿色”甲醇

The first CO<sub>2</sub> hydrogenation to methanol pilot plant of Yuanda Environmental Protection is used to successfully produce “green” methanol

2024年11月，公司所属科技公司自主研发的CO<sub>2</sub>加氢制甲醇中试装置一次性开车成功，并顺利产出甲醇产品，成为率先在国家电投集团落地的首个实证装置，也实现了公司CCUS技术在二氧化碳加氢制甲醇领域的“零突破”。

In November 2024, the CO<sub>2</sub> hydrogenation to methanol pilot plant independently developed by the Scientific and Technical Company affiliated with the Company was subject to successful commissioning at one time, and methanol products were smoothly produced, being the first demonstration plant to be applied the SPIC, and achieving the “zero breakthrough” of the Company’s CCUS technology in the field of CO<sub>2</sub> hydrogenation to methanol.



## 案例 CASE

### 公司牵头申报“工业烟气多污染物控制与碳捕集重庆市重点实验室”通过优化重组

Case: The Company takes the lead in applying for the “Chongqing Key Laboratory of Multiple Pollutant Control and Carbon Capture in Industrial Flue Gas” through optimization and reorganization





## 03 数字化转型

Digital transformation

远达环保积极响应数字化转型战略，秉持数据驱动决策、技术赋能业务的理念，推动企业数字化转型，赋能数据安全与客户隐私保护管理再上新台阶。

### 调整和完善数字化领导机构

Adjustment and improvement of digital leadership organization

调整公司数字化转型与网络安全和信息化领导小组，负责公司数字化转型、网络安全、信息化建设相关工作的领导与监督检查。

Adjust the Company’s digital transformation as well as network security and informatization leadership group, and lead, supervise and inspect the work related to the Company’s digital transformation, network security and informatization construction.

Yuanda Environmental Protection actively responds to the digital transformation strategy, adheres to the concept of data-driven decision-making and technology empowerment of business, promotes digital transformation of enterprises, and empowers data security and customer privacy protection management to a new level.

### 加强数字化培训

Strengthening of digital training

公司开展了员工数字化素质提升月和网络安全宣传周活动，强化员工数字化素质和网络安全意识。组织网络安全管理人员**6人次**参加国家电投集团网络安全相关培训，**1人**在国家电投集团能源工业互联网数字安全培训获得优秀学员称号。

The Company launches digital employee literacy improvement month and network security publicity week activities, to enhance employees’ digital literacy and network security awareness. **6** network security managers are organized to participate in the training related to network security of the SPIC, and **1 person** is awarded the title of outstanding trainee in the energy industry Internet digital security training of the SPIC.

## 强化数据安全，守护客户隐私

Strengthen data security and protect customer privacy

网络归集到国家电投集团贵安数据中心，实时监护网络异常状态，并有专人响应网络安全事件，有突发网络状态时可于**三小时内**应急处置**24小时内**恢复。

严格执行内外网分离策略，公司办公系统皆依托于国家电投集团统建，重要资料存于国家电投集团内网系统中，内网网络重要出口节点有防火墙设备防护。

The network is collected to the Guian Data Center of the SPIC, where abnormal network status is monitored in real time, and special personnel are assigned to respond to network security incidents. In case of an abnormal network, it can respond to emergencies **within 3 h** and be restored **within 24 h**.

Strictly implement the strategy of separating internal and external networks. The Company’s office system relies on the unified construction of the SPIC. Important data is stored in the internal network system of the SPIC, and important exit nodes of the internal network are protected by firewall devices.

## 优化供应链管理

Optimize supplier management

### 治理

Governance

公司制定《采购管理规定》，依托电商平台采购，支持供应商资源共享，实现采购计划到合同签订全流程信息化、数字化管理。按照“公开、公平、公正”和“质量优先”的原则，建立科学合理的采购与监管制度。

### 战略

Strategy

公司秉持“公开、公平、公正”“质量优先”的原则，对供应链全流程实现透明化管理，搭建供应商考核评价体系，与供应商沟通交流，及时了解市场动态、合作痛点，有力保障供应链的可持续发展。

The Company formulates the Procurement Management Regulations, relies on e-commerce platforms for procurement, supports supplier resource sharing, and achieves information and digital management of the whole process from procurement plan to contract signing. Establish a scientific and reasonable procurement and supervision system based on the principles of “openness, fairness and justice” and “quality priority” .

The Company adheres to the principles of “openness, fairness and justice” and “quality priority” , achieves transparent management of the whole supply chain process, establishes a supplier assessment and evaluation system, communicates and exchanges with suppliers, understands market dynamics and cooperation pain points in time, and effectively ensures the sustainable development of the supply chain.

### 影响、风险和机遇管理

Impact, risk and opportunity management

公司在供应商管理方面多点发力，提高供应商双向交流频次，及时了解供方市场动态、市场行情以及合作痛点，寻求合作共赢着力点。公司推进供应商绩效评价管理，从采购、签约、履约三个环节对供应商进行综合绩效评价，实施全过程闭环管控。

The Company makes efforts in supplier management, increases the frequency of two-way exchanges between suppliers, understands the market dynamics, market trends and cooperation pain points of suppliers in time, and seeks the focal points for win-win cooperation. The Company promotes supplier performance evaluation management, comprehensively evaluates the performance of suppliers from the procurement, signing and performance, and implements closed-loop control throughout the whole process.

## 供应商准入

Supplier eligibility

公司供应商准入条件覆盖了环境、社会、治理等因素，要求申请准入的制造商、分包商要具备质量、环保、安全以及其他生产经营资格，具有完善的质量或环境、职业健康安全保证体系，无质量或环境、安全监督检查不良记录等，拥有新技术、新工艺、新产品、新材料或者节能环保型产品、具有自主知识产权产品的供应商应优先准入。

The Company’s supplier access conditions cover environment, society, governance and other factors. Manufacturers and subcontractors applying for access are required to possess quality, environmental protection, safety and other production and operation qualifications, with a sound quality or environment, occupational health and safety assurance system and without records of poor quality or environment, safety supervision and inspection. Suppliers with new technologies, new processes, new products, new materials or energy-saving and environmentally-friendly products as well as products with independent intellectual property shall be given priority for access.

## 供应商评价

Supplier evaluation

- 公司遵循“集中管控、归口管理、量化标准、信息共享”的管理原则，制定《供应商管理办法》，按照“分级、分类、分层、分等”的方式，对供应商进行管理。
- The Company follows the management principles of “centralized control, unified management, quantitative standards and information sharing”, formulates the Supplier Management Measures, and manages suppliers by “grading, classification, stratification and ranking”.
- 按“动态更新、年度评价”的原则，基于信息系统开展全生命周期评价。
- Conduct a full life cycle evaluation based on information systems by the principle of “dynamic update and annual evaluation”.

## 阳光采购

Transparent procurement

公司与所有往来供应商签订了供应商廉洁承诺书、HSE管理承诺书（或协议）、保密承诺书（或协议）等，充分表达传递公平、公正、廉洁、诚信的合作精神，共同抵制商业贿赂和不正当竞争，反对商业欺诈。公司为供应商提供违规投诉渠道，坚决杜绝违反诚信廉洁建设行为。

The Company signs the integrity undertaking letter of suppliers, HSE management commitment letter (or agreement), commitment letter on confidentiality (or agreement), etc. with all its suppliers, fully expresses the spirit of cooperation with fairness, impartiality, integrity and honesty, jointly resists commercial bribery and unfair competition, and combats commercial fraud. The Company provides a channel for suppliers to complain about violations, and resolutely prohibits behaviors that violate integrity and honesty.

## 指标与目标

Indicators and targets

### 2024 年

In 2024

公司重点加大对串通投标、破坏公平竞争、不按规定签约、不按约定供货（服务）等违规失信行为的惩戒处置。全年公司供应商绩效评价覆盖率稳步增加，供应商交流数量同比显著提升，有力支撑采购策略研究与供需关系改进。

The Company focused on increasing the punishment and disposal of illegal and dishonest behaviors such as collusion in bidding, disruption of fair competition, failure to sign contracts according to regulations, and failure to supply goods (services) as agreed. The coverage rate of supplier performance evaluation in the Company steadily increased throughout the year, and the number of supplier exchanges significantly increased year-on-year, providing strong support for procurement strategy research and improvement of supply and demand relationships.

# 精进产品质量

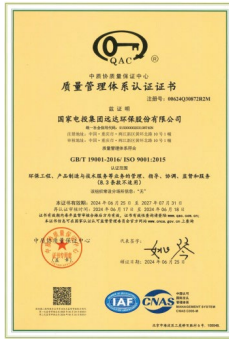
Optimize supplier management

## 治理

Governance

公司制定《质量管理工作规定》《质量目标管理办法》《职业健康安全、质量与环境管理手册》等制度，将质量管理落实到产品生产的各个环节，并通过 ISO: 9001:2015 质量管理体系认证。

The Company formulates the *Quality Management Work Regulations, Quality Objective Management Measures, Occupational Health and Safety, Quality and Environment Management Manual*, etc., to implement quality management in all aspects of product production, and pass ISO: 9001:2015 quality management system certification.



### 2024 年

In 2024

公司完成本部职业健康安全、质量与环境管理体系内部审核、管理评审，连续 7 年通过中质协质量保证中心认证审核。

The Company completed the internal audit and management review of its occupational health and safety, quality and environmental management system, and passed the certification audit of the Quality Assurance Center of China Association for Quality for 7 consecutive years.



## 战略

### Strategy

远达环保坚持质量至上，以精益求精的态度和对质量的执着坚守，不断为市场提供高品质的产品，树立良好的企业口碑与品牌形象。

Yuanda Environmental Protection adheres to the principle of quality priority, continuously provides high-quality products to the market with an attitude of striving for excellence and persistence of quality, and establishes a good corporate reputation and brand image.

## 影响、风险和机遇管理

### Impact, risk and opportunity management

远达环保坚持质量至上，以精益求精的态度和对质量的执着坚守，不断为市场提供高品质的产品，树立良好的企业口碑与品牌形象。

Yuanda Environmental Protection adheres to the principle of quality priority, continuously provides high-quality products to the market with an attitude of striving for excellence and persistence of quality, and establishes a good corporate reputation and brand image.

## 远达环保质量提升行动

Quality improvement action of Yuanda Environmental Protection

- 围绕分布式光伏施工安全技术良好实践，组织开展专题培训，各单位共计**68人**参加。
- A special training is organized around the good practice of distributed PV construction safety technology, with a total of **68 participants** from all organizations.

- 推进质量创优活动，工程公司“提高清水混凝土预埋件安装一次合格率”课题成果报告荣获2024年度电力建设质量管理小组活动三等成果称号。
- Promote quality improvement activities. The achievement report of the Engineering Company's project of "Improving the First Pass Rate of Installation of Pre-embedded Parts in Fair-faced Concrete" is awarded the title of Third-class Achievement of Power Construction Quality Management Group Activities in 2024.



图 远达环保工程公司2024年度电力建设质量管理小组三等成果获奖证书

Figure Award Certificate of Third-class Achievement of Power Construction Quality Management Group Activities in 2024 for Yuanda Environmental Protection

- 开展质量月活动，各单位开展质量教育培训**102次**，开展质量监督检查**162次**，推进技能竞赛、金点子行动，实现创新创效。
- Carry out quality month activities. All organizations conduct **102 quality** education and training sessions, **162 quality** supervision inspections, and promote skills competitions and golden idea actions, achieving innovation and efficiency.



图 远达环保所属企业开展安装专业劳动竞赛

Figure Professional Installation Labor Competition Conducted by Affiliated Enterprises of Yuanda Environmental Protection

- 坚持一次事故一份台账，完善经验反馈机制，督导三级单位和项目部针对性细化具体行动项，经验反馈的质量明显提升。全年组织开展经验反馈展**26次**，制定并落实了**286项**针对性措施。
- Adhere to one ledger for one accident, perfect the experience feedback mechanism, supervise tertiary units and project departments to refine specific action items, and significantly improve the quality of experience feedback. Organize **26** experience feedback exhibitions throughout the year, and formulate and implement **286** targeted measures.



案例 CASE

质量月主题活动圆满收官

Successful conclusion of quality month theme activity

在第47个全国“质量月”活动期间，公司围绕“加强质量支撑 共建质量强国”主题，组织开展丰富多彩的“质量月”活动，强化全员质量意识，提高运行、工程、产品、服务质量，有效推动提升质量管理能力，培育良好质量文化。

During the 47th national “quality month” activity, the Company organized a colorful “quality month” activity around the theme of “strengthen quality support and build quality power”, strengthened the quality awareness of all employees, improved the quality of operations, projects, products and services, effectively promoted the improvement of quality management ability, and cultivated a good quality culture.



指标与目标

Indicators and targets

2024 年

In 2024

公司荣获中国电力建设企业协会两项 QC 成果奖。

The Company won two QC achievement awards from the China Electric Power Construction Association.

案例 CASE

质量月主题活动圆满收官

Successful conclusion of quality month theme activity

公司2项QC成果荣获中国电力建设企业协会公布2023年度电力建设质量管理小组活动竞赛二、三等奖。

2 QC achievements of the Company won the Second and Third Prizes in the 2023 Power Construction Quality Management Group Activity Competition announced by the China Electric Power Construction Association.



# 臻善客户服务

Perfection of customer service

远达环保加强客户服务体系建设，定期对客户满意度进行调查，及时对服务流程、服务质量等方面进行针对性调整与优化，不断提升客户体验，增强客户对公司的认可度与忠诚度，以优质的客户服务推动公司持续稳健发展。

Yuanda Environmental Protection strengthens the construction of the customer service system, regularly surveys on customer satisfaction, and makes targeted adjustments and optimizations to service processes, service quality, etc. in time to continuously improve customer experience, enhance customer recognition and loyalty to the Company, and promote the Company’s sustainable and steady development with high-quality customer service.

## 01 客户服务管理

Customer service management

公司制定《项目质保服务管理》《质保项目缺陷处置管理》《完工项目移交质保服务管理》，构建售后体系，设立专门部门开展客户售后服务调查，将收集到的相关意见建议反馈至设计、工程建设、设备采购等相关专业，推动管理与能力双提升，维护公司良好市场口碑。

The Company formulates the *Project Quality Assurance Service Management*, *Quality Assurance Project Defect Disposal Management* and *Quality Assurance Service Management for Handover of Completed Projects*, establishes an after-sales system, sets up a dedicated department to conduct customer after-sales service surveys. It feeds back the collected opinions and suggestions to relevant disciplines such as design, engineering construction and equipment procurement, promotes the dual improvement of management and ability, and maintains the Company’s good market reputation.

## 02 客户满意度调查

Customer satisfaction survey

远达环保坚守以客户为中心的理念，将“为客户创造更大价值”作为工作的方向和目标，积极开展客户满意度调查。

Yuanda Environmental Protection adheres to the concept of “customer-centered”, takes “creating greater value for customers” as the direction and goal of our work, and actively surveys on the customer satisfaction.

公司制定《客户满意度调查实施办法》，积极搭建客户投诉渠道，针对在建、在运项目定期开展客户满意度调查，各项目随时接受客户不定期投诉。公司构建客户投诉闭环管理机制，客户满意度调查管理部门收到投诉后，迅速将情况反馈至生产部门与项目实施单位，项目实施单位即刻开展整改工作。

The Company formulates the *Implementation Measures for Customer Satisfaction Survey*, actively establishes customer complaint channels, and regularly conducts customer satisfaction surveys for projects under construction and operation. All project departments are ready to accept customer complaints from time to time. The Company establishes a closed-loop management mechanism for customer complaints. After receiving complaints, the Customer Satisfaction Survey Management Department quickly feeds back the situation to the Production Department and Project Implementation Department, and the Project Implementation Department immediately carries out rectification work.

通过调整客户满意度调查内容，公司总结提炼共性、普遍性问题，切实发挥调查结果作用，在推进产品服务不断贴近客户真实需求的同时，进一步挖掘客户新需求，为公司“新赛道”和新质生产力取得更大突破积累“第一手”信息。

By adjusting the content of customer satisfaction surveys, the Company summarizes and extracts common and universal issues, effectively leverages the role of survey results, promotes products and services to continuously meet customers’ real needs, and further explores new customer needs, accumulating “first-hand” information for the Company to achieve greater breakthroughs in the “new track” and new quality productive forces.

2024 年  
In 2024

远达环保全年累计  
发放调查问卷  
Yuanda Environmental Protection  
distributed a total of 97 survey  
questionnaires throughout the year

97 份

年度客户满意度  
调查综合得分  
with a comprehensive score of  
the annual customer satisfaction  
survey of 95.3 points

95.3 分

总体处于  
满意水平  
which was at a  
satisfactory  
level.

## 承担社会责任

Assume social responsibility

远达环保充分履行企业社会责任，开展帮扶工作，全方位推进乡村振兴事业稳步前行。我们积极参与社区建设、依法纳税，深度融入社区，改善社区公共设施与文化氛围，为社区发展添砖加瓦，展现中央企业的社会责任感与使命感。

Yuanda Environmental Protection fully fulfills its corporate social responsibility by carrying out assistance work and comprehensively advancing the steady progress of rural revitalization. We actively participate in community building, pay taxes in accordance with the law, deeply integrate into the community, improve community public facilities and cultural atmosphere, contribute to community development and demonstrate the social responsibility and mission of a central enterprise.



### 消费帮扶

Poverty alleviation  
in consumption

工程公司依托国资委开展的“央企消费帮扶兴农周”活动，精准向河南商城县、陕西延川县、四川美姑县进行定点消费帮扶，采购农副产品**337**份，消费金额**10.11**万元。

Relying on the “Week of Assistance in Consumption for Poverty Alleviation and Agriculture Revitalization by Central Enterprises” initiative organized by the State-owned Assets Supervision and Administration Commission, the Engineering Company provides targeted assistance in consumption to Henan’s Shangcheng County, Shaanxi’s Yanchuan County and Sichuan’s Meigu County, purchasing **337** agricultural and sideline products worth **RMB 101,100**.

催化剂公司开展消费扶贫，2024 年帮扶金额**4.97**万元。

The Catalyst Company carried out poverty alleviation through consumption, with an assistance amount of **RMB 49,700** in 2024.

### 无偿献血

Free blood donation

2024 年公司工会组织**16**名党员干部及青年志愿者参与献血活动，共计献血超**6000cc**，以实际行动展现了远达人热心公益、奉献社会的精神风貌。

In 2024, the Company’s trade union organized **16 party members**, cadres and young volunteers to participate in a blood donation event, donating a total of **over 6,000 cc** of blood, demonstrating the spirit of Yuanda staff’s enthusiasm for public welfare and dedication to society through practical actions.

### 响应“一带一路” 战略

Respond to the “Belt and  
Road” strategy

与“一带一路”沿线**9**个国家与地区开展广泛的项目合作交流，并获取了波黑卡卡尼电厂脱硫项目。

We have conducted extensive project cooperation and exchanges with nine countries and regions along the “Belt and Road” and obtained the desulfurization project of the Kakanj power plant in Bosnia and Herzegovina.





# 低碳环保

Low-carbon Environmental Protection,  
Painting a New Chapter of Greenness

# 绘就绿色新章

远达环保坚持走好绿色发展之路，积极推行绿色办公与清洁生产，识别并应对气候风险；践行绿色发展理念，完善环境管理体系，依规处理污染物，确保排放达标；优化能源结构，实现资源循环利用，提升资源利用率；积极开展公益活动，传播环保理念，助力企业高质量发展。

Yuanda Environmental Protection insists on the path of green development, actively promotes green office work and clean production, identifies and addresses climate risks; practices the concept of green development, improves the environmental management system, treats pollutants in accordance with regulations and ensures emissions meet standards; optimizes the energy structure, realizes resource recycling and enhances resource utilization efficiency; actively conducts public welfare activities, disseminates environmental protection concepts and supports high-quality company development.

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Combat with climate change

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Implement environmental management

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Improve resource efficiency



# 应对气候变化

Combat with climate change

## 01 治理

Governance

急性风险应对方面，公司制定《防汛防台管理办法》等管理制度，成立防汛防台应急小组，由公司领导担任组长，强化对急性气候风险的管理。慢性风险应对方面，公司高度重视气候变化相关事宜，设立了专门的环境管理部门，确保公司各项措施得以有效落实。

In terms of acute risk response, the Company has formulated management regulations such as the *Flood and Typhoon Prevention Management Measures*, established a emergency response team led by company leaders for flood and typhoon prevention and strengthened the management of acute climate risks. In terms of chronic risk response, the Company attaches great importance to climate change-related matters and has established a dedicated environmental management department to ensure the effective implementation of various company measures.

## 02 战略

Strategy

公司积极响应“双碳”战略，以“绿能、低碳、生态、科技”为战略导向，大力推行绿色办公、清洁生产等理念，助推公司深入开展节能减排，通过对公司可能面临的气候风险进行识别与分类，制定出相应的应对举措，最大程度降低气候变化对公司经营可能产生的负面影响。

The Company actively responds to the “carbon peaking and carbon neutrality” strategy, guided by the strategic orientation of “green energy, low carbon, ecology and technology”, vigorously promotes concepts such as green office work and clean production, assists in deeply carrying out energy conservation and emission reduction, identifies and categorizes the climate risks that the Company may face and formulates corresponding response measures to minimize the possible negative impacts of climate change on the Company’s operations.

公司考虑气候变化对行业的影响、国家政策与行业发展趋势、客户需求等，系统性识别和分析公司所面临的气候风险，识别包括急性风险、慢性风险的物理风险和包括政策、市场、技术等转型风险，并识别分析气候变化相关机遇，及时制定相应的风险管理举措与应对措施。

Considering the impact of climate change on the industry, national policies, industry trends and customer demands, the Company systematically identifies and analyzes the climate-related risks that it faces. These risks include physical risks such as acute and chronic risks, as well as transition risks encompassing policy, market and technological aspects. Additionally, the Company identifies and analyzes opportunities related to climate change, promptly formulating corresponding risk management measures and response strategies.

风险和机遇类别 Category of risks and opportunities	风险描述 Risk description	应对举措 Risk description
物理风险 Physical risk	急性风险-洪水 Acute risk - floods	愈发频繁的洪水灾害可能会损坏主要生产基地的建筑物、工厂、设施和设备  Increasingly frequent flood disasters may damage buildings, factories, facilities and equipment at major production bases.  投入防洪设备，编制完善防洪应急预案；  Increasingly frequent flood disasters may damage buildings, factories, facilities and equipment at major production bases.  加强对建筑物、生产设备、电路线缆的巡察工作。  Strengthen inspections of buildings, production equipment and circuit cables.
	慢性风险-降水模式变化 Chronic risk - changes in precipitation patterns	暴雨频率的增加可能导致停工停产，产能下降  An increase in the frequency of heavy rains may lead to production stoppages and capacity reductions.  提高经营韧性，减少极端天气对生产及交货的影响，如提高海外成品仓物流灵活调度能力；  Enhance operational resilience to reduce the impact of extreme weather on production and delivery, such as improving the logistics flexibility of overseas finished goods warehouses;  成立应急管理组织，编制气候变化应急预案。  Establish an emergency management organization and develop a climate change emergency response plan.
	慢性风险-水资源短缺 Chronic risk - water scarcity	主要生产基地的水资源紧张可能导致市政供水价格上涨  Water shortages at major production bases may lead to increases in municipal water supply prices.  开展节水行动，实施节水改造，深耕替代水源项目。  Implement water-saving actions and renovations and explore alternative water source projects.

风险和机遇类别 Category of risks and opportunities		风险描述 Risk description	应对举措 Risk description
转型风险 Transformation risk	政策法规风险 - 碳市场与碳定价  Policy and regulatory risk - carbon market and carbon pricing	发电行业纳入国内碳交易市场提升电价  The power generation industry is included in the domestic carbon trading market, potentially leading to higher electricity prices.	加强能源管理，提升能源利用效率，降低电单耗；  Strengthen energy management, improve energy efficiency and reduce electricity consumption by unit.  推动 CO <sub>2</sub> 纳入配额管理，提前适应碳市场机制；  Promote the inclusion of CO <sub>2</sub> in quota management to adapt to the carbon market mechanism in advance;
	市场风险 - 容量电价  Market risk - capacity-based electricity pricing	明确我国建立煤电容量电价机制，将现行煤电单一制电价调整为两部制电价  China establishes a capacity-based electricity pricing mechanism for coal-fired power, adjusting the current single-rate electricity price to a two-part tariff.	积极跟进不同地区制定的容量电价政策；积极争取因环保不达标不能享受容量电价机制的煤电机组特许经营项目。  Actively follow up on capacity-based electricity pricing policies formulated in different regions; actively seek concession projects for coal-fired power units that cannot benefit from the capacity-based electricity pricing mechanism due to non-compliance with environmental standards.
	声誉风险 - 利益相关方期望  Reputational risk - stakeholder expectations	日益严格的环境表现披露要求增加维持或提升声誉的相关合规成本  Increasingly stringent disclosure requirements for environmental performance increase the compliance costs related to maintaining or enhancing reputation.	监测各地市场监管要求和披露要求，开展合规工作；  Monitor market regulatory requirements and disclosure requirements in various regions and carry out compliance work;  开展产品碳足迹测算和认证。  Conduct carbon footprint calculations and certifications for products.

风险和机遇类别 Category of risks and opportunities		风险描述 Risk description	应对举措 Risk description
气候机遇 Climate opportunities	产品 / 服务机遇 - 绿色产品赛道  Product/service opportunities - green product track	“绿电 + 绿氢”的解决方案带来新的业务增长机会点  The “green electricity + green hydrogen” solution brings new business growth opportunities.	不断拓展应用场景，探索多行业的解决方案；  Continuously expand application scenarios and explore solutions for multiple industries;  依托碳捕集技术优势，实现碳资源商业化利用；  Leverage carbon capture technology advantages to achieve commercial utilization of carbon resources;  加大对氢能的技术研发。  Increase investment in hydrogen energy technology R&D.
	市场机遇 - 电气化  Market opportunity - electrification	各行业的电气化转型及绿色电力消费需求的提高增加了对可再生能源装备和解决方案的需求  The electrification transformation of various industries and the increasing demand for green electricity consumption boost the demand for renewable energy equipment and solutions.	持续监测市场需求，调整产能；  Continuously monitor market demand and adjust production capacity;  加大对可再生能源解决方案的研发投入。  Increase investment in R&D of renewable energy solutions.



## 03 影响、风险及机遇管理

Impact, risk and opportunity management

公司具备CCUS液体吸收剂供货能力，并率先供货我国首个百万吨级CCUS示范项目，年供货**78吨**二氧化碳吸收剂，可捕集二氧化碳百万吨。

The Company possesses the capability to supply CCUS liquid absorbents and is the first to supply China's first million-ton-scale CCUS demonstration project, providing **78 tons** of CO<sub>2</sub> absorbent annually, capable of capturing one million tons of CO<sub>2</sub>.

### 案例 CASE

#### 远达环保参与碳捕集创新示范项目——上海长兴岛热电有限责任公司10万吨级CCUS项目实现应用

YuanDa Environmental Protection's participation in the carbon capture innovation demonstration project - The 100,000-ton CCUS project of Shanghai Changxing Island Thermal Power Co., Ltd. has been successfully implemented.

国家电投集团首个碳捕集创新示范项目——上海长兴岛热电有限责任公司**10万吨级**CCUS项目成功应用。项目各项运行指标优异，吸收剂再生热耗、损耗等关键技术指标领先行业同类技术水平。项目投运以来，整套装置持续稳定运行，实现长周期运行，创造并保持了火电行业碳捕集与利用装置连续运行的最长纪录，累计减排二氧化碳**超15万吨**，碳捕集率稳定达**90%以上**，产品纯度达**99.9%以上**。

SPIC's first carbon capture innovation demonstration project - the **100,000-ton** CCUS project of Shanghai Changxing Island Thermal Power Co., Ltd. has been successfully implemented. The project has excellent operational indicators, with key technical indicators such as absorbent regeneration heat consumption and loss leading the industry's similar technological levels. Since its commissioning, the entire unit has operated continuously and stably, achieving long-term operation, creating and maintaining the longest continuous operation record for carbon capture and utilization devices in the thermal power industry. It has cumulatively reduced CO<sub>2</sub> emissions by **over 150,000 tons**, with a stable carbon capture rate of **over 90%** and a product purity of **over 99.9%**.

#### 科学技术成果鉴定证书

中电航鉴〔2024〕第108号

成果名称：低浓度湿法烟气捕集技术及其工程应用  
完成单位：国家电投集团远达环保股份有限公司  
鉴定委员会：中国电机工程学会  
鉴定日期：2024年5月  
鉴定地点：北京

中国电机工程学会  
二〇二四年 制

## 催化剂公司纵深推进低碳发展

The Catalyst Company deeply advances low-carbon development

### 绿色办公和绿色运营

Green office and green operation

依托国家电投集团两个C类科技项目，开发“锂电池电芯全自动精细化拆解和磷酸铁锂正极材料修复”的技术路线，正在开展中试试验装置搭建工作，预计处理量为**150kg/h**。

Relying on two Category C scientific and technological projects of SPIC, it has developed a technical route for "fully automated and precise dismantling of lithium battery cells and restoration of lithium iron phosphate cathode materials" and is currently building a pilot test unit with an expected processing capacity of **150 kg/h**.

### 清洁生产

Clean production

采用该技术路线相比当前湿法回收技术路线，碳减排可达**50%以上**，预计每处理**1kg**废旧锂电池可减排二氧化碳**1.2kg**，年减排量达**1,200吨**。

Compared to current wet recycling technology routes, this technical route can achieve carbon emission reductions of **over 50%**. It is estimated that processing **1 kg** of waste lithium batteries can reduce CO<sub>2</sub> emissions by **1.2 kg**, leading to annual emission reductions of **1,200 tons**.

### 建筑节能改造

Building energy saving reconstruction

开发国内首台（套）退役风机叶片现场全自动切割设备，完成**5台（套）**核心设备的开发，风机叶片用作生产市政设施的原材料，预计年节约木材约**3,000立方**，年减排二氧化碳**420吨**。

The Company has developed the first domestic fully automated on-site cutting equipment for decommissioned fan blades, completing the development of five sets of core equipment. The blades are used as raw materials for producing municipal facilities. It is expected to save **about 3,000 cubic meters** of wood annually and reduce CO<sub>2</sub> emissions by **420 tons** annually.

## 04 指标及目标

Indicators and objectives

2024年

In 2024

公司未发生重大气候风险事件。

No major climate risk event occurred.



# 落实环境管理

## Implement environmental management

远达环保以实际行动践行绿色发展理念，不断完善环境管理体系建设，落实各岗位环境保护职责与标准，共同推动环境管理工作有序开展，严格遵守各项法律法规，对废水、废气及废弃物进行监控和处理，保证公司污染物排放达标。

Yuanda Environmental Protection takes practical actions to implement the concept of green development, continuously improving the construction of its environmental management system, implementing environmental protection responsibilities and standards for each position and jointly promoting the orderly development of environmental management work. It strictly complies with various laws and regulations, monitors and treats wastewater, waste gas and waste to ensure that the Company's pollutant emissions meet standards.

## 01 环境合规管理

### Environment compliance management

### 治理

#### Governance

远达环保制定《生态环境保护管理工作规定》《公司生态环境保护奖惩实施办法》等规章制度，建立生态环境保护责任制，印发《全员生态环保责任制》，明确公司本部所有岗位生态环境保护职责和到位标准。

Yuanda Environmental Protection has formulated rules and regulations such as the *Regulations on Ecological and Environmental Protection Management Work* and the *Implementation Measures for Rewards and Penalties for Ecological and Environmental Protection*, established an ecological and environmental protection responsibility system, issued the *Full-staff Ecological and Environmental Protection Responsibility System* and clarified the ecological and environmental protection responsibilities and standards for all positions within the headquarters.

公司设立安全生产与应急管理委员会作为领导机构，由安全质量环保部负责日常管理工作，通过制定健全体系、落实责任，形成公司与各单位协同运作、齐抓共管的节能环保管理体系，为公司环境合规管理工作提供保障。公司所属工程公司通过GB/T 24001-2016/ISO 14001:2015环境管理体系认证。



The Company has established a Work Safety and Emergency Management Committee as the leading organization, with the Safety, Quality and Environmental Protection Department responsible for routine management work. By establishing a sound system and implementing responsibilities, it has formed an energy-saving and environmental protection management system for coordinated operation and joint management between the Company and its organizations, providing a guarantee for the Company's environmental compliance management. The Engineering Company affiliated with the Company have obtained GB/T 24001-2016/ISO 14001:2015 environmental management system certification.

### 战略

#### Strategy

公司以习近平生态文明思想为指引，以创新驱动发展 为动力，坚持绿色低碳、清洁高效、循环发展，严格生态保护、严管污染排放、严控环境风险，制定并发布《推进美丽中国建设暨生态环境保护专项实施方案（2024 年-2027 年）》，明确行动事项 **54 项**。

Guided by Xi Jinping's thought on ecological civilization and driven by innovation-driven development, the Company adheres to green and low-carbon, clean and efficient and circular development. It strictly enforces ecological protection, strictly manages pollutant emissions and strictly controls environmental risks. It has formulated and issued the Special Implementation Plan for Advancing the Construction of Beautiful China and Ecological and Environmental Protection (2024 - 2027), clarifying **54 action items**.

### 影响、风险与机遇管理

#### Impact, risk and opportunity management

公司编制《突发环境事件应急预案》，组织开展了溶液泄漏应急演练、危险废物泄漏等应急演练，通过演练员工的应急处置能力得到进一步提高，降低了突发环境事件对环境可能造成的危害。

The Company has prepared the Emergency Plan for Sudden Environmental Events and organized emergency drills such as solution leakage and dangerous waste leakage. Through these drills, employees' emergency response capabilities have been further improved, reducing the potential harm of sudden environmental events to the environment.

此外，公司依据GB/T 24001:2016环境管理体系及相关要求，组织各单位对业务范围内的环境风险因素进行识别，制定相应的控制措施和管理制度，明确各项环保管理工作的规定和要求，实现污染物有效防治、能耗和资源综合利用。

In addition, based on the GB/T 24001:2016 environmental management system and related requirements, the Company arranges all organizations to identify environmental risk factors within their business scope, formulate corresponding control measures and management systems, clarify the regulations and requirements for various environmental protection management tasks and achieve effective prevention and control of pollutants, energy consumption and comprehensive utilization of resources.

### 指标与目标

#### Indicators and targets

#### 2024 年

##### In 2024

公司未发生环境污染事故，无环境违法行政处罚记录。

The Company had no environmental pollution accidents or administrative penalty records for environmental violations.



## 02 废水管理

Waste water management

远达环保严格遵守《中华人民共和国水污染防治法》，严格废水排放管理，定期对相关设备进行维护保养、更新改造，以确保设备的正常运行，满足相关排放标准。

公司强化废水污染治理，严格落实“雨污分流、清污分流”要求，加强工业和生活废水处理设施升级改造，实现废水分类治理、分级利用、合理回用。

催化剂公司采用废水零排放工艺技术，原生催化剂生产废水三级达标，一二级反渗透产水回用于生产，浓水进入蒸发系统，进行蒸发回用，蒸发后的盐交由第三方危废处置单位处置，从而实现废水零排放。

Yuanda Environmental Protection strictly complies with the *Water Pollution Prevention and Control Law of the People's Republic of China* and strictly manages wastewater discharge. It regularly maintains, updates and upgrades relevant equipment to ensure its normal operation and meet relevant emission standards.

The Company strengthens the treatment of wastewater pollution, strictly implements the requirements of "rainwater and sewage diversion and clean water and sewage diversion", enhances the upgrading and renovation of industrial and domestic wastewater treatment facilities and realizes classified treatment, graded utilization and reasonable reuse of wastewater.

The Catalyst Company adopts zero-wastewater discharge technology. The production wastewater from primary catalysts meets tertiary standards. The water produced by primary and secondary reverse osmosis is reused in production, while concentrated water enters the evaporation system for evaporation and reuse. The salt after evaporation is disposed of by third-party hazardous waste disposal units, thereby achieving zero wastewater discharge.

## 03 废气管理

Waste gas management

远达环保严格遵守《中华人民共和国大气污染防治法》，推进大气污染物有组织排放协同治理，加强物料运输、装卸、储存、转移过程及备料环节无组织排放治理，重点落实大气无组织排放治理相关措施，按规定编制重污染天气应急预案并完成备案，确保重污染天气应对、重大活动保障等特殊时段污染物减排措施切实可行。

作为国内从事烟气污染治理的高新技术环保企业，公司在大气污染防治领域具备深厚技术积淀，公司发挥“产业+科研”双重优势，持续加大研发投入，探索更多高效的大气污染防治技术与解决方案，积极响应国家环保政策，为我国大气污染防治工作做出积极贡献。

Yuanda Environmental Protection strictly complies with the Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution, promoting the coordinated governance of organized emissions of atmospheric pollutants. It strengthens the management of unorganized emissions during material transportation, loading and unloading, storage, transfer processes and material preparation stages, with a focus on implementing measures related to the control of unorganized atmospheric emissions. The Company prepares and registers emergency response plans for heavily polluted weather in accordance with regulations to ensure that pollution reduction measures during special periods such as responses to heavily polluted weather and safeguards for major events are feasible.

As a domestic high-tech environmental protection enterprise engaged in flue gas pollution control, the Company possesses profound technical expertise in the field of atmospheric pollution prevention. Leveraging its dual strengths in "industry + scientific research", the Company continuously increases investment in R&D, explores more efficient technologies and solutions for atmospheric pollution prevention, actively responds to national environmental protection policies and makes positive contributions to China's atmospheric pollution prevention efforts.

### 案例 CASE

#### 第十三届重点行业减污降碳技术与产业研讨会成功举办

Successful holding of the 13th Technology and Industry Seminar on Pollution Reduction and Carbon Emission Reduction in Key Industries

2024年，公司牵头组建的“烟气污染治理产业技术创新战略联盟”携手清华大学大气污染物与温室气体协同控制国家工程研究中心，在江苏盐城共同举办“第十三届重点行业减污降碳技术与产业研讨会”。会上，公司展示了在碳捕集、利用和封存（CCUS）领域的先进技术与工程实践案例，重点介绍上海长兴岛CCUS创新示范项目和重庆合川双槐电厂二氧化碳捕集装置。

In 2024, the "Industrial Technology Innovation Strategic Alliance for Flue Gas Pollution Control" led by the Company jointly organized the "13th Technology and Industry Seminar on Pollution Reduction and Carbon Emission Reduction in Key Industries" with the National Engineering Research Center for Collaborative Control of Air Pollutants and Greenhouse Gases at Tsinghua University in Yancheng, Jiangsu Province. At the seminar, the Company showcased advanced technologies and engineering practice cases in the field of carbon capture, utilization and storage (CCUS), highlighting the CCUS innovation demonstration project on Changxing Island, Shanghai and the carbon dioxide capture unit at Shuanghuai Power Plant in Hechuan, Chongqing.



## 04 废弃物管理

Waste management

远达环保严格遵守《固体废物污染环境防治法》《危险废物转移管理办法》等法规，严格按照有关规范处置危险废物，强化危险废物识别、申报、登记、储存、转移等全过程管理，建立危险废物管理台账，将危险废物纳入应急管理体系。

催化剂公司下属两家子公司开展催化剂再生业务时，需要将废弃催化剂从电厂等业主单位转运至子公司，在进行转移时，两家子公司均选择具备危险废物运输资质的单位承运，保障危险废弃物得到妥善处置。

Yuanda Environmental Protection strictly complies with regulations such as the Law of the People's Republic of China on the Prevention and Control of Solid Waste Pollution and the Measures for the Transfer of Hazardous Wastes. It disposes of hazardous wastes strictly in accordance with relevant norms, strengthens the management of hazardous waste throughout the process of identification, declaration, registration, storage and transfer, establishes hazardous waste management accounts and incorporates hazardous waste into the emergency management system.

When conducting catalyst regeneration business, two subsidiaries of the Catalyst Company need to transfer waste catalysts from power plants and other owners to their own facilities. When transferring these catalysts, both subsidiaries choose carriers with hazardous waste transportation qualifications to ensure proper disposal of hazardous waste.

# 提升资源效率

Improve resource efficiency

远达环保响应绿色发展号召，不断优化自身能源结构，通过开展宣传培训，深入贯彻节能节水理念，运用前沿技术，实现水资源、物料等循环利用，提高效率的同时降低消耗，为企业发展注入绿色动能，实现经济效益与环境效益双赢。

Responding to the call for green development, Yuanda Environmental Protection continuously optimizes its energy structure by promoting and training on energy and water conservation concepts, applying cutting-edge technologies to achieve circular utilization of water resources and materials, thereby improving efficiency while reducing consumption. This injects green momentum into the Company’s development and achieves a win-win situation for both economic and environmental benefits.

公司严格遵守《中华人民共和国节约能源法》《中华人民共和国水法》等法律法规，积极响应“节能降耗，保卫蓝天”和“提升气候变化意识，强化低碳行动力度”号召，提高资源能源利用效率。

The Company strictly complies with laws and regulations such as the *Law of the People’s Republic of China on Conserving Energy* and the *Water Law of the People’s Republic of China*, actively responding to the calls for “saving energy and reducing consumption to protect the blue skies” and “raising awareness of climate change and strengthening low-carbon actions” to improve resource and energy utilization efficiency.

## 使用清洁能源

Use clean energy

- 催化剂公司作为重庆市低碳示范工厂，工厂采用光伏发电，自发自用。
- The Catalyst Company as a low-carbon demonstration factory in Chongqing adopts the PV power generation mode for self-consumption.
- 大宗原材料、产成品储存仓库用电、物资装卸转运使用电动叉车均为绿电能源。
- Electric forklifts used for the storage of bulk raw materials and finished products and for material loading, unloading and transfer operations are all powered by green energy.

## 推广绿色办公

Promote green office

- 公司落实节约用电，促进降低能耗，公司夏季空调不低于26度，办公区采用节能灯具照明，做到人走灯灭。
- The Company implements electricity conservation measures to reduce energy consumption. In summer, the air conditioning temperature is set no lower than 26 degrees Celsius. Energy-saving lighting fixtures are used in the office area, and lights are turned off when people leave.

- 节约用水，珍惜水资源，使用饮水机时，按需盛装，避免浪费。
- The Company advocates for water conservation, urging employees to fill water dispensers as needed to avoid waste.

- 节约用纸，实现可循环，推广无纸化办公，确需打印的，打印纸双面使用。
- It promotes paper conservation and paperless office practices, encouraging double-sided printing when printing is necessary. Office waste is scientifically sorted, and video conferences are used to replace physical meetings when possible.

- 办公垃圾科学分类。
- 视频会议代替现场会议。
- Office waste is scientifically classified.
- Video conferences are used instead of on-site meetings.

## 精细物料管理

Fine material management

公司主要原材料包括塑料、纸、金属、木，公司构建一套完善的智能系统体系，在推动作业流程的智能化和高效化的同时，提高作业安全和生产效率，降低能源消耗。

The Company’s main raw materials include plastics, paper, metals and wood. The Company has established a comprehensive intelligent system that not only promotes the automation and efficiency of operational processes but also enhances operational safety and production efficiency while reducing energy consumption.

## 废弃物资源化

Waste resource recovery

- 催化剂公司联合其子公司综合利用公司依靠自主专利研发技术，成功去除废弃催化剂中有害物质，使其成为催化剂原材料，实现废弃催化剂的循环再生利用。
- Relying on proprietary patented technology for comprehensive utilization, the Catalyst Company and its subsidiary have successfully removed harmful substances from waste catalysts, transforming them into catalyst raw materials, thus achieving the circular regeneration and utilization of waste catalysts.
- 催化剂公司根据《危险废物贮存污染控制标准》建设贮存场所，成为重庆市首批“点对点”危废利用项目落地单位，形成了废物资源化、减量化利用的良好示范效应。
- In accordance with the *Standards for Pollution Control on the Storage of Hazardous Wastes*, the Catalyst Company has built storage facilities and become one of the first “point-to-point” hazardous waste utilization project implementation organizations in Chongqing, setting a good example for waste resource recovery and reduction.



# 未来展望

## Future Prospects

展望 2025，远达环保将继续以 ESG 理念为引领，紧密围绕国家“双碳”目标和“美丽中国”建设，坚定不移地践行绿色发展使命，加快推进“绿能、低碳、生态、科技”转型升级发展，努力把远达环保建成国内一流的生态环保领军企业、国内创新型能源生态融合发展领军企业、国内绿能低碳生态科技领航上市公司，不断推动在环境、社会与治理方面取得新的突破。

我们将持续加大环保技术研发投入，以科技创新作为推动“减污降碳”的核心动力，形成可复制、可推广的商业模式。我们将做精做优烟气治理、工业及市政水处理等传统业务，巩固好“原赛道”。我们将进一步扩大 CCUS 技术应用，加快打通 CCUS 全产业链，统筹开拓新能源+生态环保、海水淡化等绿能生态融合业务，积极稳妥推进废旧电池、光伏组件、风机叶片回收利用等工业固危废处理业务，构筑好“新赛道”。同时，加速行业数字化，强化人才培育，确保公司发展行稳致远，以坚定的信念、创新的思维、务实的行动在 ESG 道路上砥砺前行，为建设美丽中国、推动社会可持续发展贡献更多力量。

Looking ahead to 2025, Yuanda Environmental Protection will continue to be guided by the ESG concept, closely focus on the national “carbon peaking and carbon neutrality” goals and the construction of “Beautiful China”, steadfastly fulfill its mission of green development, accelerate the transformation and upgrading towards “green energy, low carbon, ecology and technology” and strive to build Yuanda Environmental Protection into a domestically leading enterprise in ecological environmental protection, an innovative enterprise leading the integrated development of energy and ecology and a listed company pioneering green energy, low-carbon and ecological technology. The Company will continue to make new breakthroughs in environment, society and governance.

We will continue to increase investment in R&D of environmental protection technologies, with science and technology innovation as the core driving force for “pollution reduction and carbon dioxide emission reduction”, and develop replicable and scalable business models. We will refine and optimize traditional businesses such as flue gas treatment, industrial and municipal water treatment and consolidate our “original track”. We will further expand the application of CCUS technology, accelerate the development of the entire CCUS industry chain, coordinate the expansion of green energy and ecological integration businesses such as renewable energy + ecological environmental protection and seawater desalination, actively and prudently promote industrial solid and hazardous waste treatment businesses such as the recycling of waste batteries, PV modules and fan blades and build a solid “new track”. At the same time, we will accelerate industry digitalization, strengthen talent development and ensure stable and sustainable development for the Company. Moving forward on the ESG path with firm belief, innovative thinking and pragmatic actions, we will contribute more to building a beautiful China and promoting sustainable social development.

# 关键绩效表

Key performance indicators

Indicator 指标名称	Unit 单位	2024 2024 年
Environment category 环境范畴		
Fresh water consumption 新鲜水用量	Ten thousand t 万吨	312.77
Statistics of specific energy consumption: 具体能源使用统计：		
Gasoline consumption 汽油消耗量	tce 吨标准煤	23.76
Diesel oil consumption 柴油消耗量	tce 吨标准煤	43.20
Natural gas consumption 天然气消耗量	tce 吨标准煤	209.34
PV power generation consumption 光伏发电消耗量	tce 吨标准煤	307.25
Outsourced electricity 外购电力	tce 吨标准煤	107,828.72
Fossil energy consumption 化石能源消耗量	tce 吨标准煤	276.30
Total energy consumption 能源消耗总量	tce 吨标准煤	108,412.27
Waste water emission 废水排放量	t 吨	9,530.30
Industrial waste water emission 工业废水排放量	t 吨	3,443.30
Domestic waste water emission 生活废水排放量	t 吨	6,087.00
Total waste gas 废气总量	m³ 立方米	213,800

Indicator 指标名称	Unit 单位	2024 2024 年
NOx	t 吨	2.06
SO2	t 吨	1.31
Particulate matter (PM) 颗粒物（PM）	t 吨	15.91
Total solid waste disposal 固体废弃物处置总量	t 吨	2,461,376.17
General industrial solid wastes disposed 一般工业固体废物处置量	t 吨	2,361,775.64
Harmful waste disposed 危险废物处置量	t 吨	99,600.53
Total greenhouse gas emission 温室气体排放总量	t CO2 e 吨二氧化碳当量	471,927.93
Emission in scope 1 范围一排放量	t CO2 e 吨二氧化碳当量	471.15
Emission in scope 2 范围二排放量	t CO2 e 吨二氧化碳当量	471,456.78
Waste water emission 废水排放量	t 吨	9,530.30
Industrial waste water emission 工业废水排放量	t 吨	3,443.30
Domestic waste water emission 生活废水排放量	t 吨	6,087.00
Penalty amount for environmental incidents 环境事件受处罚金额	RMB ten thousand 万元	0
Subsidiaries obtained ISO 140001:2015 environmental management system certification 通过 ISO 140001:2015 环境管理体系认证的子公司	Number 个	7



Indicator 指标名称	Unit 单位	2024 2024 年
Social category 社会范畴		
Average paid annual leave days of employees 员工人均带薪休假天数	Day 天	8.5
Coverage rate of employee social insurance contributions 员工社会保险缴纳覆盖率	%	100
Congress of workers and employees 召开职工代表大会	Times 次	4
Investment in employee assistance 员工帮扶投入	RMB ten thousand 万元	48.81
Number of employee training sessions 员工培训场次	Times 次	677
Cost of employee training 员工培训支出	RMB 元	746,691.82
Total duration of employee training 员工培训总时长	Hour 小时	5,307
Average duration of employee training 员工平均培训时长	Hour 小时	61
Total number of employee training participants 员工培训参与总人次	Person-time 人次	87
Employee training rate 员工培训覆盖率	%	100
Number of safety accidents among employees in the workplace 工作场所员工安全事故数量	Nos. 件	0
Work injury rate 工伤率	%	0
Number of working days lost due to work-related injuries 因工伤损失工作日数	Day 日	0
Number of work-related deaths 因工亡故人数	People 人	0
Proportion of work-related deaths 因工亡故比率	%	0

Indicator 指标名称	Unit 单位	2024 2024 年
Million-hour fatality rate 百万工时死亡率	%	0
Number of occupational diseases 职业病发生数量	People 人	0
Incidence of occupational diseases 职业病发生率	%	0
Investment amount for employee occupational health and safety 员工职业健康安全投入	RMB ten thousand 万元	0
Amount of damages involved in major safety and quality accidents related to products and services during the reporting period 报告期内发生的产品和服务相关的安全与质量重大责任事故损害涉及的金额	RMB ten thousand 万元	0
Quantity of products that need to be withdrawn or recalled due to health and safety reasons 因健康与安全原因须撤回和召回的产品数量	Nos. 件	0
Percentage of products that need to be withdrawn or recalled due to health and safety reasons 因健康与安全原因须撤回和召回的产品百分比	%	0
Governance category 治理范畴		
Number of meetings of the Party committee 党委会会议次数	Times 次	27
Number of Party branch 党支部数量	Number 个	40
Number of Party members 党员数量	Number 个	727
Number of the Board of Directors 董事会人数	People 人	10
Number of women on the Board of Directors 董事会女性人数	People 人	3
Proportion of women on the Board of Directors 董事会女性人数占比	%	30
Number of independent directors 独立董事人数	People 人	4

Indicator 指标名称	Unit 单位	2024 2024 年
Number of meetings of the Board of Directors 召开董事会次数	Times 次	10
Number of women on the Board of Supervisors 监事会女性人数	People 人	1
Proportion of women on the Board of Supervisors 监事会女性人数占比	%	33.33
Number of employee supervisors 职工监事人数	People 人	2
Number of meetings of Board of Supervisors 召开监事会次数	Times 次	6
Duration of anti-commercial bribery and anti-corruption training 反商业贿赂及反贪污培训时长	Hour 小时	35
Duration of management participation in anti-commercial bribery and anti-corruption training 管理层参与反商业贿赂及反贪污培训时长	Hour 小时	20
Duration of employee participation in anti-commercial bribery and anti-corruption training 员工参与反商业贿赂及反贪污培训时长	Hour 小时	15
Total number of participants in anti-commercial bribery and anti-corruption training 接受反商业贿赂及反贪污培训总人数	People 人	115
Number of directors participating in anti-commercial bribery and anti-corruption training 接受反商业贿赂及反贪污培训的董事人数	People 人	10
Number of management personnel participating in anti-commercial bribery and anti-corruption training 接受反商业贿赂及反贪污培训的管理层人数	People 人	28
Number of employees participating in anti-commercial bribery and anti-corruption training 接受反商业贿赂及反贪污培训的员工人数	People 人	77
Percentage of total participants in anti-commercial bribery and anti-corruption training 接受反商业贿赂及反贪污培训总人数占比	%	100
Percentage of directors participating in anti-commercial bribery and anti-corruption training 接受反商业贿赂及反贪污培训的董事人数占比	%	100
Percentage of management personnel participating in anti-commercial bribery and anti-corruption training 接受反商业贿赂及反贪污培训的管理层人数占比	%	100
Percentage of employees participating in anti-commercial bribery and anti-corruption training 接受反商业贿赂及反贪污培训的员工人数占比	%	100

Indicator 指标名称	Unit 单位	2024 2024 年
Number of concluded legal cases regarding corrupt practices 贪污诉讼案件的数目	Nos. 件	0
Number of investor exchange meeting 投资者交流会次数	Times 次	3
Number of shareholders' meetings 召开股东大会次数	Times 次	2
Attendance rate of directors at shareholders' meetings 股东大会董事出席率	%	95.20
Number of resolutions reviewed and approved 审阅通过议案数量	Nos. 项	13
Number of regular reports disclosed 披露的定期报告数量	Number 个	4
Number of disclosure announcements 披露公告数量	Number 个	70
Number of temporary announcements issued 发布的临时公告数量	Number 个	66



# 指标索引

Index of indicators

Title 章节题目	ESG indicators for central enterprise-controlled listed companies 央企控股上市公司 ESG 指标	Issues in accordance with the Guidance of the Shanghai Stock Exchange 上交所《指引》议题
ESG governance ESG 治理	G.1.1	Stakeholder communication 利益相关方沟通
Making steady progress, laying a solid governance foundation 稳健前行，厚植治理根基		
Adhere to the guidance of Party building 坚持党建引领	G.1.1	/
Improve the governance system 完善治理体系	G.1.1, G.1.2, G.1.3, G.3.2	/
Deepen compliant internal control 深化合规内控	G.1.1, G.2.1, G.5.1, G.5.2	/
Abide by business ethics 遵守商业道德	G.2.2, G.2.3, G.3.1, G.3.2, G.4.1, G.4.2	Anti-commercial bribery and anti-corruption 反商业贿赂及反贪污
Contribute to the society and build a vision for development together 奉献社会，同筑发展愿景		
Gather human resources 凝聚人才资源	S.1.1, S.1.2, S.1.3, S.1.4,S1.5	Employees 员工
Focusing on science and technology innovation 专注科技创新	S.2.3	Innovation driving 创新驱动
Optimize supplier management 优化供应商管理	S.3.1, S.3.2	Supply chain safety 供应链安全
Improvement of product quality 精进产品质量	S.2.1	Safety and quality of products and services 产品和服务安全与质量
Perfection of customer service 臻善客户服务	S.2.2	Safety and quality of products and services 产品和服务安全与质量
Assume social responsibility 承担社会责任	S.4.1, S.4.2, S.4.3, S.4.4	Rural revitalization and social contributions 乡村振兴、社会贡献

Title 章节题目	ESG indicators for central enterprise-controlled listed companies 央企控股上市公司 ESG 指标	Issues in accordance with the Guidance of the Shanghai Stock Exchange 上交所《指引》议题
Low-carbon Environmental Protection, Painting a New Chapter of Greenness 低碳环保，绘就绿色新章		
Combat with climate change 应对气候变化	E.3.1, E.3.2, E.3.3, E.5.1	Combat with climate change 应对气候变化
Implement environmental management 落实环境管理	E.2.1, E.2.2, E.2.3, E.5.1, E.5.2, E.5.4, E.5.5, E.5.6	Pollutant emissions, waste disposal and environmental compliance management 污染物排放、废弃物处理、环境 合规管理
Improve resource efficiency 提升资源效率	E.1.1, E.1.3	Energy utilization, water resource utilization and circular economy 能源利用、水资源利用、循环经济