

科顺防水科技股份有限公司

2023 年 ESG 报告

Keshun Waterproof Technology Co., Ltd.

ESG Report 2023

(翻译稿)

责扬天下（北京）管理顾问有限公司

2024 年 4 月

GoldenBee (Beijing) Management Consulting Co., Ltd.

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报告开篇 Openings

1. 关于本报告 About This Report

时间范围 Reporting Period

2023年1月1日至2023年12月31日，部分内容往前后年度适度延伸。

This report covers the period from January 1, 2023 to December 31, 2023 and also includes additional content and information that predates the stated reporting period or refers to the coming years.

报告范围 Reporting Scope

本报告的内容主要涵盖科顺防水科技股份有限公司及其下属公司。

The report covers Keshun Waterproof Technology Co., Ltd. and its subsidiaries.

称谓说明 References

为了便于表述和阅读，在本报告中“科顺防水科技股份有限公司”也以“科顺股份”“科顺”“公司”或“我们”表示。

For better presentation and readability, “Keshun Waterproof Technology Co., Ltd.” is also referred to as “CKS”, “the Company” or “We” in the report.

报告说明 Report Overview

本报告是科顺防水科技股份有限公司发布的2023年度ESG报告，系统披露了科顺2023年在环境、社会和公司治理上面向股东、客户、合作伙伴、环境、员工和社会等利益相关方所履行的社会责任的理念、实践、绩效以及未来展望。

This is the 2023 ESG report of Keshun Waterproof Technology Co., Ltd. The Report discloses our fulfillment of environmental, social and governance responsibility to shareholders, customers, partners, environment, employees, society and other stakeholders, revealing our CSR philosophy, practices, performance and prospect in 2023.

参照标准 Preparation Basis

本报告编制过程严格按照《公司法》《证券法》《深圳证券交易所上市公司自律监管指引第2号——创业板上市公司规范运作》等相关法律法规的要求，同时参照国家标准委《社会责任报告编制指南》（GB/T 36001-2015）、深交所《国证ESG评价方法》、香港联交所

《环境、社会及管治报告ESG指引》和全球报告倡议组织《GRI可持续发展报告标准》（GRI Standards）等相关指引。

The report is prepared in strict accordance with the requirements of relevant laws and regulations such as the *Company Law*, *Securities Law*, the *Guidelines No. 2 for Self-Regulation of Listed Companies of Shenzhen Stock Exchange - Standardized Operation of Companies Listed on the Main Board*, as well as *Guidance on Social Responsibility Reporting (GB/T 36001-2015)*, *Evaluation Method of CNI ESG issued by Shenzhen Stock Exchange*, *Environmental, Social and Governance Reporting Guide (ESG Reporting Guide)* issued by The Stock Exchange of Hong Kong Ltd., *GRI Sustainability Reporting Standards (GRI Standards)* issued by the Global Sustainability Standard Board (GSSB).

报告承诺 Reliability Assurance

公司保证本报告内容不存在虚假记载、误导性陈述或重大遗漏，报告中所引用数据均来自公司正式文件和统计报告，通过公司管理层审核、利益相关方意见征集确保报告质量。

The Company assures that the report is free of false records, misleading statements or major omissions. The data quoted in the report are from the Company's official documents and statistical reports. The report is reviewed by the Company's management after the solicitation of opinions from stakeholders.

报告获取 Availability

您可以在我们的网站上下载本报告的电子文本，如对报告内容有疑问或者需要纸质版报告，请致电0757-28603333。

You can download the electronic version of this report on our website. If you have any questions about the content of the report or need a paper version, please call us at 0757-28603333.

2. 卷首语 Preface

2.1. 董事长致辞 Chairman's Message

回顾过去一年，面对复杂严峻的外部环境，科顺股份始终秉持“与长期同行者共创共享”的核心价值观，追求实现经济效益和承担社会责任之间的平衡，坚定推进可持续发展，深化 ESG 理念与实践，以切实行动与利益相关方协同共生，共创美好未来。

In the past year, despite a complex and challenging business environment, Keshun Waterproof Technology Co., Ltd. (CKS) has maintained the core value of "work for shared benefits with our partners." Seeking the balance between economic benefits and social responsibility, we have advanced sustainable development, deepened the concept and practice of ESG, and took practical actions to thrive with stakeholders for a better future.

企业，如同航行于大海的船只，唯有在确保自身航向正确、船体坚固的基础上，方能承载更多的责任与担当，扬帆远航。通过这几年的深刻变革调整，科顺股份已形成了以建筑防水材料为主业，涵盖工建、民建、修缮、绿色建材等板块，深度布局零售市场，适应存量时代的业务发展模式，随着企业战略的高效推进，科顺多元业务板块已初具成效，企业发展在新赛道上延伸出更多机遇。2023 年，科顺股份保持战略定力，在业务结构、产品与技术创新、精益化生产、国际化等多方面进行优化升级，在实现既定目标保持正增长的同时，在经营战略、多元发展上实现突破，销售结构更加稳定，民建、光伏、修缮、减隔震、海外等业务板块呈现明显增长态势。

Like ships adventuring into the ocean, companies can take on more weight and set sail only if they remain on course with a solid structure. Recent years of profound reform have shaped the business pattern of CKS with building waterproofing materials at the core, covering construction engineering, civil engineering, renovation, and green building materials. While making intensive efforts in the retail sector, we have developed a business development model compatible with a saturated market. As our corporate strategy is advanced efficiently, our business diversification has yielded results, with more opportunities to be identified on the new track. In 2023, anchored in our strategy, we optimized our business structure, product and technological innovation, lean production, and global business. We achieved positive growth by meeting our set goals. Meanwhile, breakthroughs were made in our business strategy and diversified development with

sales stabilized. Noticeable growth was observed in segments such as civil engineering, PV, renovation, seismic isolation and shock absorbing, and overseas business.

行业与企业的发展必须关注国家政策，要将企业发展融入国家发展战略之中，在国家的发展大局中扮演积极的角色，实现自身经济效益的同时，为社会进步贡献自己的力量。当下，“双碳”战略的推进给科顺提出了绿色发展的更高要求，但也给科顺提供了新的机遇，我们布局的光伏屋面、雨水管理系统等绿色产品与技术，也正迎来广阔发展空间。

The development of an industry or a company requires a focus on national policies. It is imperative to put corporate development into the context of national strategies, play an active role in national development, and pursue both economic and social benefits. Currently, China's 30•60 Decarbonization Goal raises the bar of green development but also presents new opportunities for CKS. Our green products and technologies such as the solar roof and rainwater management systems embrace huge development prospects.

我们始终认为商业的本质是共赢。科顺股份在不断构建业务文化、企业文化、经营文化等系统的、由上至下的氛围和原则，与所有长期同行者共创共享，助力构建行业文明商业生态。2023年，以“共生文化”为核心内容的《科顺股份企业文化手册》正式发布，各岗各位的科顺人在事业奋斗与企业发展中同频共振，客户、经销商、供应商、合作伙伴等各相关方共同奋斗、共谋发展，都是科顺股份企业文化最生动的注解。

We always believe that what sustains a business is win-win cooperation. CKS builds a system-wide culture involving business operation, corporate atmosphere, and principles and shares what we achieve with long-term partners, shaping a sound business ecology in the industry. In 2023, the CKS Corporate Culture Manual with "symbiosis culture" at its core was released. All CKS employees climb their career ladder as the company grows and work hand in hand with customers, dealers, suppliers, partners, and other stakeholders for common development. These are vividly emblematic of CKS's corporate culture.

我们深怀公益热诚，积极投身公益慈善事业，联合合作伙伴力量，汇聚各方资源和爱心，扶持乡村教育，助力乡村振兴，依托自身专业优势，开展公益修缮服务，以公益之心，将善意化为行动，将温暖触达需要的角落。

Deeply invested in philanthropy, we engage in charitable activities and unite partners to pool resources and care from stakeholders. We support rural education and rural vitalization, leverage

our business expertise for renovation services, and translate our kindness into actions for those in need.

展望未来，科顺股份将始终秉承“延展建筑生命 守护美好生活”的伟大使命，以满腔的热忱和创新的精神，为建筑注入生命，为生活增添色彩，与各利益相关方携手共进，为社会的繁荣与进步贡献企业力量。

Looking ahead, guided by the mission of "safeguarding wonderful life with lasting buildings", we will invigorate buildings and spice up life with enthusiasm and innovation. Working with all stakeholders, we will contribute to prosperity and social progress.

集团董事长 陈伟忠

CHEN Weizhong

Chairman of CKS

2.2. 总裁致辞 President's Message

2023 年，我们秉承“延展建筑生命 守护美好生活”的企业使命，持续深化 ESG 理念与实践，聚焦“守护品质、守护未来、守护家园、守护英才、守护社区”五大责任领域持续开展实践，稳步推进企业可持续发展。

In 2023, committed to the corporate mission of "safeguarding wonderful life with lasting buildings", we deepened ESG concepts and practices centering around five major areas of "safeguarding quality, future, homes, talent, and communities" to steadily advance sustainable development of the Company.

以匠心守护品质。我们聚焦高品质产品和服务，持续优化产品质量管控机制，截至 2023 年末，公司共获得交通产品认证 (CTVIC) 等 16 类产品认证；不断提升服务水平，定期组织多部门成员协同参与的走访一线客户的质量行活动，致力于为市场和客户带来更高品质的产品和解决方案；夯实安全生产基石，健全制度体系建设，强化安全风险管控，保障企业生产安全和员工安全。

We guarantee quality by honing craftsmanship. We seek high-quality products and services while optimizing our quality management and control mechanism. As of the end of 2023, the company had obtained 16 product certifications, including the CTVIC certification by China-Road Transportation Verification & Inspection Hi-Tech Co., Ltd.. To level up our services, we

normalize cross-departmental visits to front-line customers and offer better products and solutions to the market. To consolidate the foundation of work safety, we improve our systems and strengthen risk management and control to ensure work safety for employees.

以恒心守护家园。我们以践行健康环保理念为己任，积极响应国家“双碳”战略，制定制造系统“碳中和”长期规划，明确“碳中和”目标及实现路径，从加强管理、设备升级、工艺改进等方面不断强化能耗管理；持续推进绿色建材研发升级，布局光伏屋面防水系统及配套产品等绿色、前沿建筑建材业务，多个生产基地获得绿色工厂认证。2023年，科顺绿洲雨水管理系统3.0焕新升级，打造城市与自然共生的新模式，守护我们共同的家园。

We safeguard communities with unwavering commitments. Upholding the concept of health and environmental protection, we serve China's 30•60 Decarbonization Goal. Specifically, a long-term "carbon neutrality" plan is formulated for the manufacturing system with goals and paths clarified. We enhance energy consumption management by improving management practices, equipment, and processes. With continuous efforts in green construction material R&D, we branch out into cutting-edge green construction materials such as solar roof waterproofing systems and supportive products. Several production bases of CKS have been certified as green factories. In 2023, the CKS Oasis Rainwater Management System 3.0 was upgraded, creating a new model of city-nature symbiosis to protect our shared homes.

以诚心守护英才。我们坚持以人为本，积极打造平等、多元、开放、包容的职场环境，完善员工培训与晋升机制，为员工职业发展提供广阔舞台；关注员工身心健康，开展各类文体活动，丰富员工生活；通过设立员工关爱互助基金、与暨南大学附属顺德医院共建互联网医院云诊室、设立爱心妈妈小屋和“粉色窗口”等举措为员工提供暖心关怀。

We support talent wholeheartedly. Putting people first, we foster an equal, diverse, open, and inclusive workplace and improve the staff training and promotion mechanism, providing a huge platform for career development. Caring about the health of employees, we organize a range of cultural and sports activities to enrich their life after work. Employees feel that their needs are met through the Employee Care Mutual Fund, the online clinic built by CKS and the Affiliated Shunde Hospital of Jinan University, and the establishment of maternal rooms and "pink windows".

以创新守护未来。我们积极打造行业领先的创新研发平台，引进科研人才，以技术变革

拥抱未来；大力推进数字化转型，完成包括数据中台实施项目等十大重点项目建设。同时，我们追求与合作伙伴长期共同成长，通过积极沟通、开展培训等方式加强对供应商的赋能，积极参与行业交流与合作，致力于构建合作共赢的良好生态。

We secure our future through innovation. With an industry-leading innovation and R&D platform in place, we attract researchers and embrace the future with innovative technology. In our vigorous digitalization, we have completed ten key projects, including the data middle platform. At the same time, we pursue common development with our partners in the long run. Effective communication and training help us empower suppliers; active participation in industry exchanges and cooperation cultivate a sound ecosystem of win-win cooperation.

以爱心守护社区。在实现自身发展、为客户创造价值的同时，我们也始终怀抱感恩之心，积极回馈社会，持续开展“守护晴天”项目，通过支持乡村教育、开展“到村进乡诊治渗漏”公益活动等方式助力乡村振兴；积极投身公益慈善，采取有针对性的公益行动，开展公益修缮服务，把善意真正地落到实处。

We contribute to communities with great devotion. While realizing our growth and creating value for customers, we are always grateful and give back to society. Our "protecting the sunny days" program, rural educational support, and "identifying and repairing rural leakages" volunteering activities lend support to rural vitalization. We also organize targeted philanthropic activities such as free-of-charge renovation services to deliver our goodwill.

岁序常易，华章日新。展望 2024 年，我们将继续以 ESG 理念为引领，不断追求卓越，为各利益相关方创造多元价值，携手共进，共同书写可持续发展的新篇章。

Amid changing times, new developments are unveiled one after another. In 2024, we will uphold ESG concepts, pursue excellence, create diversified value for all stakeholders, and work together for a new chapter of sustainable development.

集团总裁 方勇

FANG Yong

President of CKS

3. 走进科顺 About Us

3.1. 关于科顺 Company Profile

科顺股份成立于 1996 年，是一家以提供建筑防水综合解决方案为主业，产品和服务涉及工程建材、民用建材、建筑修缮、减隔震、抹灰石膏、光伏能源等多个业务板块的建材系统服务商。目前全资及控股子公司 XX 家，全国布局十余座生产及研发基地，近 20000 个经销及服务网点，位列全球建筑材料上市公司百强。优秀的企业是经济组织，满足顾客需求，创造更高价值，而伟大的企业则是社会组织，科顺以创新型、高品质的产品和服务，建立行业领导地位，与伟大建筑的共生共振，促进行业、社会发展，为亿万群众提供安稳无忧的美好生活。随着“技术科顺、创新科顺、服务科顺”经营理念的推进，科顺股份将继续拓展运营思路、优化组织架构，聚焦渠道建设，秉承“延展建筑生命守护美好生活”的伟大使命，以卓越的产品和服务回报社会。

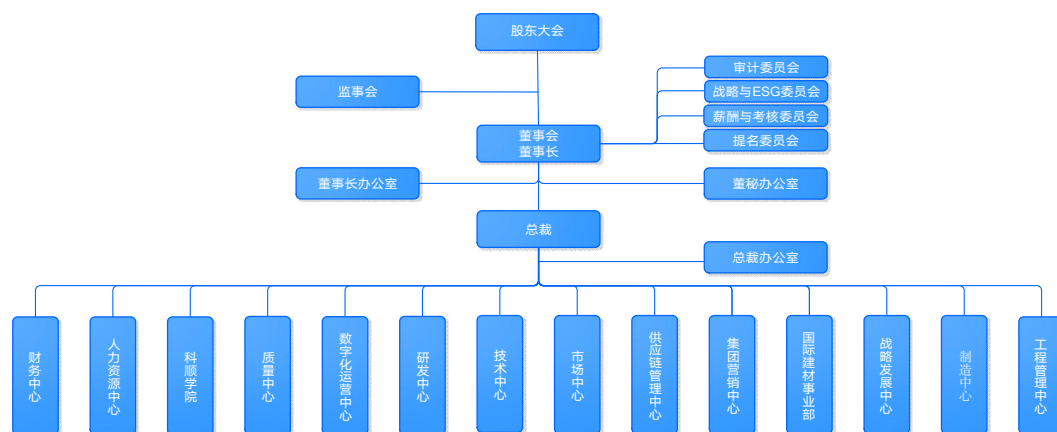
Founded in 1996, Keshun Waterproof Technology Co., Ltd. is a comprehensive waterproofing solutions provider. Our products and services cover multiple business segments such as construction engineering materials, civil engineering materials, building renovation, seismic isolation and shock absorbing, plaster, and solar energy. CKS now owns XX holding subsidiaries, more than 10 production and R&D bases across China, and nearly 20,000 distribution and service outlets, ranking among the top 100 listed building material companies in the world. An excellent enterprise is value-oriented, creating higher values by meeting customer needs, while a great enterprise also contributes to social progress. With innovative, high-quality products and services, we establish our leadership, complement great buildings, and promote the development of the industry and society. These endeavors enable hundreds and millions of people to lead a comfortable life. As we advance our philosophy of "technology, innovation, and service", CKS will experiment with new operation ideas, optimize our organizational structure, and build new channels. Under the great mission of "safeguarding wonderful life with lasting buildings", we will give back to society with excellent products and services.

3.2. 企业文化 Corporate Culture

企业使命 Our Mission	延展建筑生命 守护美好生活
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	Safeguard wonderful life with lasting buildings
企业愿景 Our Vision	与人类美好建筑共百年 Develop time-honored buildings for mankind
科顺子文化 CKS culture	客户至上的服务文化 拥抱变革的创新文化 一次做对的质量文化 长期信赖的品牌文化 共创共享的人本文化 Customer-first services Change-embracing innovation Right fix the first time Long-term trust Joint contribution and shared benefits
价值观 Values	与长期同行者共创共享 Work for shared benefits with our partners
经营理念 Management Philosophy	技术科顺 创新科顺 服务科顺 Technology innovation Service

3.3. 组织架构 Organizational Structure



股东大会 General Meeting of Shareholders

监事会 Board of Supervisors
董事会董事长 Chairman of the Board
审计委员会 Audit Committee
战略与 ESG 委员会 Strategy and ESG Committee
薪酬与考核委员会 Remuneration and Appraisal Committee
提名委员会 Nomination Committee
董事长办公室 Office of the Chairman
总裁 President
董秘办公室 Secretary of the Board Office
总裁办公室 President Office
财务中心 Finance Center
人力资源中心 Human Resource Center
科顺学院 CKS Academy
质量中心 Quality Center
数字化运营中心 Digital Operation Center
研发中心 R&D Center
技术中心 Technology Center
市场中心 Market Center
供应链管理中心 Supply Chain Management Center
集团营销中心 Group Marketing Center
国际建材事业部 International Building Materials Business Division
战略发展中心 Center for Strategic Development
制造中心 Manufacturing Center
工程管理中心 Engineering Management Center

3.4. 经营概况 Business Performance

经营绩效 Business performance	
营业收入（亿元） Revenue (RMB billion)	

营业成本（亿元） Operating cost(RMB billion)	
归属上市公司股东净利润（亿元） Net profit attributable to shareholders of listed companies (RMB billion)	
归属上市公司股东净资产（亿元） Net assets attributable to shareholders of listed companies (RMB billion)	
基本每股收益（元/股） Basic earnings per share (RMB / share)	
稀释每股收益（元/股） Diluted earnings per share (RMB / share)	
支付职工薪酬总额（亿元） Total payroll to employees (RMB billion)	
纳税总额（亿元） Total tax payment(RMB billion)	
研发经费投入（亿元） R&D investment(RMB billion)	

4. 年度纪要 Highlights of the Year

- 民用建材品牌全面升级，延伸瓷砖胶、美缝剂、加固剂、维修堵漏材料等多个品类
- We upgraded our civil building material categories to cover tile adhesives, tile seam beauty agents, reinforcing agents, and leak repair materials.
- 市长领衔，“有家就有佛山造”产业联盟成立，科顺首批入选，任执行会长单位
- The "Made in Foshan" industry alliance led by the mayor was established, and CKS was among the first group of enterprises to join as executive chairman.
- 到家服务品牌“科顺美家”成立，为广大用户提供防水修缮、墙面刷新、全屋美缝等一站式家居焕新服务

- Home service brand "Keshun Beautiful Home" was established to provide one-stop household services such as waterproofing, wall renovation, and whole-house tile seam beauty services.
- 科茂新材料成立，布局混凝土外加剂行业
- Kemaonew Materials was established, offering concrete admixture products.
- 聚合物阻根剂自产，打破国外垄断，实现降本增效
- We produced polymer root inhibitors, ending the monopoly held by foreign companies, reducing costs, and increasing efficiency.
- 新增中国合格评定国家认可委员会认可项目 47 个，新增检测标准 10 个，正常采购物料质量异常 0 发生
- A total of 47 new items were accredited by the China National Accreditation Service for Conformity Assessment and 10 new testing standards were created. We had zero quality incidents of purchased materials.
- 国资深度战略合作 2 家，股权合作 2 家，累计 20+家
- We had in-depth strategic cooperation with two state-owned asset companies and equity cooperation with two companies, reaching a total of over 20 companies.
- MRO 采购商城平台成功上线
- The MRO procurement mall platform was launched.
- 拓展塑料粒子、阻根剂、氯化石蜡、乳液等 7 类大宗材料行情管理，有效降低采购成本
- We monitored the market status of seven types of bulk materials such as plastic particles, root inhibitors, chlorinated paraffins, emulsions, etc., to reduce procurement costs.
- 澳门新城填海区项目案例
- We finished the case of the Macao New Town Reclamation Area.
- 《共生文化》科顺企业文化手册正式发布
- CKS corporate culture manual *Symbiosis Culture* was officially released.
- 通过 GB/T 39604-2020 社会责任管理体系认证
- We passed the GB/T 39604-2020 social responsibility management system certification.

5. 所获荣誉 Honors

- 荣获“国家企业技术中心”称号
- CKS received the certification of the National Center for Enterprise Technology.
- 科顺股份民用建材集团蝉联“预拌砂浆行业影响力品牌”
- CKS Civil Engineering Co., Ltd. won the "Influential Brand of Ready-mixed Mortar Industry" for a second time.
- 科顺股份创新与应用科学研究中心荣获“预拌砂浆标准化试验室”称号
- CKS Innovation and Applied Science Research Center was granted the title of "Ready-mixed Mortar Standardization Laboratory".
- 科顺股份蝉联“2023 年度佛山最佳雇主”
- CKS was recognized as the "2023 Foshan Best Employer" for a second time.
- 科顺股份、河南银金达新材料股份有限公司、郑州大学联合申报的“高耐候超韧性环保型聚酯合金膜制备技术及应用示范”项目，荣获 2022 年度河南省科学技术进步奖二等奖
- The project "Preparation and Application of Highly Weather-resistant and Ultra-tough Eco-friendly Polyester Alloy Film" jointly declared by CKS, Henan Yinjinda New Materials Co., Ltd., and Zhengzhou University, obtained the second prize in the Henan Science and Technology Progress Award in 2022.
- 环保型单组分无溶剂聚氨酯防水涂料研制及应用获得中国建筑防水协会科技进步二等奖
- The development and application of eco-friendly one-component solvent-free polyurethane waterproofing coating earned the second prize in sci-tech progress evaluations organized by the China Building Waterproofing Association.
- KS-900 无溶剂环保型单组分聚氨酯防水涂料通过中国建筑材料联合会组织的科技成果评价，项目成果达到国际先进水平
- KS-900 solvent-free and eco-friendly one-component polyurethane waterproofing coating passed the sci-tech progress evaluations organized by the China Building Materials Federation and was recognized as a world-class product.
- 获国家会议中心二期项目(主体建筑)地下防水工程、贵安华为云数据中心项目防水工程

“金禹奖”金奖

- We secured the gold medal of the "Golden Yu Award" for the underground waterproofing project of the second phase of the China National Convention Center project (main building) and the waterproofing project of the Huawei cloud data center project in Gui'an.
- 科顺股份获评全国市场质量信用 AAA 级企业和全国用户满意四星级企业
- CKS was rated as a national market quality credit AAA enterprise and a national customer satisfaction four-star enterprise.
- 科顺在央视“看见未来”2023《大国品牌》年度盛典中荣获“大国品牌 2023 年度潜力品牌”大奖
- CKS won the "2023 Potential Brand of the Year " award in the CCTV "See the Future" 2023 *The Growing of the Great Brand* annual ceremony.
- 荆门科顺新材料有限公司荣获“第九届荆门市市长质量奖”
- Jingmen Keshun New Material Co., Ltd. was granted the "9th Jingmen Mayor Quality Award".
- 渭南科顺新型材料有限公司荣获 “2022 年度渭南质量奖”
- Weinan Keshun New Material Co., Ltd. won the 2022 Weinan Quality Award.
- 科顺民建集团四年蝉联中国涂料企业经销商峰会金漆奖 “杰出防水涂料品牌”
- Keshun Civil Engineering Co., Ltd. received the "Outstanding Waterproofing Coating Brand" of the Golden Paint Award of the China Coating Enterprise Dealer Summit for four consecutive years.
- 科顺股份入列 2023 年佛山企业 100 强第 55 名、佛山制造业企业 100 强第 24 名、佛山民营企业 100 强第 41 名
- CKS ranked 55th among the top 100 enterprises in Foshan in 2023, 24th among the top 100 manufacturing enterprises in Foshan, and 41st among the top 100 private enterprises in Foshan.
- 科顺股份集团董事长陈伟忠获颁 2023 年度中国瓷砖粘贴行业“金鼎奖”
- Chen Weizhong, Chairman of the Company, was awarded the "Golden Pot Award" of China's ceramic tile pasting industry in 2023.
- 科顺超柔大板瓷砖胶入选年度产品“金砂奖”

- CKS super-flexible large tile adhesive was selected as the annual product "Golden Sand Award".
- 科顺瓷砖胶入选胶粘剂“最具影响力十大品牌”
- CKS tile adhesive was rated as one of the "Top 10 Most Influential Brands" of adhesives.
- 科顺建材荣获 2023 年度中国瓷砖粘贴行业“最具推动力企业”
- Keshun Home won the "Most Pioneering Enterprise" in China's ceramic tile pasting industry in 2023.
- 集团总裁方勇获“全国企业文化实践创新典范人物”
- Fang Yong, President of CKS, was awarded the "National Model of Corporate Culture Practice and Innovation".
- 荣获全国新时代党建+企业文化示范单位
- We were acknowledged as the National New Era Party Building and Corporate Culture Demonstration Unit.
- 荣获广东企业品牌与企业文化建设典范单位
- We were acclaimed as a model unit of Guangdong brand and corporate culture building.
- 集团副总裁陈冬青获颁 2023 年度中国瓷砖粘贴行业“年度领军人物”
- Chen Dongqing, Vice President of CKS, was awarded the "Leader of the Year" in China's ceramic tile pasting industry in 2023.
- 荣获 2023 上市公司 ESG 典范企业奖
- We obtained the 2023 ESG Model Enterprise Award for Listed Companies.
- 荣获 2023 年度上市公司最佳 ESG 实践奖
- CKS won the 2023 Best ESG Practices Award for Listed Companies.
- 荣获“金蜜蜂 2023 优秀企业社会责任报告·供应商责任信息披露奖”荣誉
- We were granted the honor of "GoldenBee 2023 Excellent Corporate Social Responsibility Report and Supplier Responsibility Information Disclosure Award".
- 2023 年度公益践行奖
- CKS received the 2023 Philanthropy Practice Award.
- 鞍山、重庆、荆门、渭南基地获评“国家级绿色工厂”
- Anshan, Chongqing, Jingmen, and Weinan bases were certified as "National Green Factory".

- 荣获 2023 年度“国家绿色供应链管理企业”
- We acquired the 2023 "National Green Supply Chain Management Enterprise".
- 获评“国家知识产权示范企业”称号
- CKS was awarded the National IPR Demonstration Enterprise.
- 荣获 2023 年度“建筑防水行业科学技术奖-技术进步奖”
- CKS received the 2023 Technical Progress Award of Waterproofing Industry Science and Technology Award.
- 荣获全国项目管理标准化试点企业
- CKS was recognized as the Pilot Enterprise for National Project Management Standardization.
- 荣获广东知名品牌
- CKS won the honor as the Guangdong Famous Brand.
- 荣获广东省优秀采购服务商
- CKS was awarded the Excellent Procurement Service Provider in Guangdong Province.
- 荣获佛山市顺德区上市公司协会颁发的“第一届副会长单位”
- CKS obtained the First Vice President Unit by Foshan Shunde Listed Companies Association.
- 荣获最佳中小投资者互动奖
- CKS was honored with the Best Small and Medium Investor Interaction Award

6. 公司治理 Corporate Governance

我们持续完善公司治理机制，切实保障股东权益，建立健全合规管理体系，不断深化全面风险管控，坚守商业道德，以规范的公司治理为企业高质量发展保驾护航。

We continue to improve our corporate governance mechanism to effectively protect the rights and interests of shareholders. Through a sound compliance management system, continuously deeper comprehensive risk control, and accordance with business ethics, standardized corporate governance safeguards corporate high-quality development.

6.1. 完善治理机制 **Governance Mechanism**

我们建立规范的公司治理架构，明确各层级职责范围和汇报机制，积极推进董事会多元化建设，优化董事会履责机制，为科学决策提供专业支撑。

We have established a standardized corporate governance structure to clarify the scope of responsibilities and reporting mechanisms at all levels, actively promote the diversity of the Board of Directors, and optimize the responsibility fulfillment mechanism of the Board, providing professional support for scientific decision-making.

● 治理架构 **Governance Structure**

我们严格遵守《公司法》《证券法》《深圳证券交易所创业板股票上市规则》等法律和规章制度要求，规范公司治理结构，完善治理机制，不断完善公司法人治理。

We strictly abide by the requirements of laws and regulations such as the *Company Law*, the *Securities Law*, and the *Rules Governing the Listing of Shares on Shenzhen Stock Exchange* to standardize the corporate governance structure, improve governance mechanisms, and keep improving corporate governance.

股东会：公司最高权力机构，依法决定公司的经营方针和投资计划，选举董事会和监事会成员，审议批准董事会报告等。

General Meeting of Shareholders: The General Meeting is the highest authority of CKS and complies with the law to decide corporate business policies and investment plans, elect members of the Board of Directors and the Board of Supervisors, review and approve reports of the Board of Directors, etc.

董事会：对股东大会负责，行使法律法规、《公司章程》和股东大会赋予的职权。作为公司的经营决策机构，下设战略与 ESG、审计、薪酬与考核、提名四个专业委员会。

Board of Directors: The Board is responsible for the General Meeting of Shareholders and exercises the powers granted by laws, regulations, the *Articles of Association*, and the General Meeting. As the business decision-making body of CKS, the Board has four special committees: Strategy and ESG Committee, Audit Committee, Remuneration and Appraisal Committee, and Nomination Committee.

监事会：对公司重大事项、财务状况以及董事、高级管理人员履职情况的合法合规性进

行监督，以保护公司、股东、员工及其他利益相关方的合法权益。

Board of Supervisors: The Board supervises the Company's material matters, financial status, and the compliance of directors and senior management to protect the lawful rights of CKS, shareholders, employees, and other stakeholders.

管理层: 在《公司法》《公司章程》等法规授予的职权范围内行使决策权，严格执行董事会和股东大会的各项决议。

The management: The management exercises its right to make decisions within the scope of powers granted by laws and regulations such as the *Company Law* and the *Articles of Association*, and strictly implements the resolutions of the Board of Directors and the General Meeting of Shareholders.

● **董事会履责机制 Responsibility fulfillment mechanism of Board of Directors**

我们依据《中华人民共和国公司法》《中华人民共和国证券法》《上市公司治理准则》等相关法律法规和规范性文件及《公司章程》的规定，制定《董事会议事规则》，促进董事会及董事有效履行职责，提高董事会规范运作和科学决策。

We have formulated the *Rules of Procedure of the Board Meeting* following relevant laws and regulations such as the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, the *Code of Corporate Governance for Listed Companies in China* as well as normative documents such as the *Articles of Association*, to promote the effective performance of responsibilities by the Board of Directors and directors, so as to improve the standardized operation and scientific decision-making of the Board.

公司董事由股东大会选举或者更换，任期 3 年，董事任期届满，可连选连任，但独立董事连任时间不得超过 6 年。第三届董事会共有 8 名董事，其中包括 1 名女性董事，4 名独立董事。公司独立董事均严格遵守法律法规和《公司章程》《独立董事工作制度》等相关规定，利用自己的专业知识做出独立、公正地判断，认真、勤勉地履行职责。按时参加股东大会、董事会、专业委员会等会议，积极参与公司重大事项的决策，依法依规出具独立意见，积极维护公司及全体股东的合法权益。

The directors of CKS are elected or replaced by the General Meeting of Shareholders, with a term of 3 years. Upon the expiration of the term of office, the directors may be re-elected and reappointed, but the consecutive term of independent directors may not be over 6 years. The third

Board of Directors has a total of 8 directors, including 1 female director and 4 independent directors. Strictly abiding by laws and relevant regulations such as the *Articles of Association* and the *Independent Director Work System*, the independent directors of CKS use their professional knowledge to make independent and fair judgments and conscientiously and diligently perform their duties. They attend the General Meeting and meetings of the Board of Directors, professional committees, etc. on time, actively participate in decision-making on major issues of CKS, give independent opinions by laws and regulations, and actively safeguard the legitimate rights and interests of CKS and all shareholders.

【关键绩效】 Key Performance
➤ 召开 1 次股东大会
➤ 1 General Meeting of Shareholders
➤ 召开 8 次董事会会议
➤ 8 Meetings of the Board of Directors
➤ 召开 6 次监事会会议
➤ 6 Meetings of the Board of Supervisors
➤ 召开 2 次薪酬与考核委员会会议
➤ CKS held 2 meetings of the Remuneration and Appraisal Committee

6.2. 保障投资者权益 Investor Rights

我们高度重视投资者权益保护，规范股东大会运作，畅通投资者沟通渠道，提升信息披露质量和透明度，多维发力切实保障投资者权益。

We attach great importance to protecting investor rights with effective practices from multi-dimensions, including regulating the operation of general meetings of shareholders, facilitating communication channels with investors, and improving the quality and transparency of information disclosure.

● 股东权益保护 Protection of shareholder rights

公司严格按照《公司法》《证券法》《上市公司股东大会规则》《公司章程》《股东大会议事规则》等法律法规及规章制度的要求，积极推动股东参与公司治理，规范股东大会召集、召开及表决等程序，平等对待所有股东，确保股东能够充分行使自己的股东权利。

In strict accordance with the requirements of laws, regulations, and rules such as the *Company Law*, the *Securities Law*, the *Rules for Shareholders' General Meeting of Listed Companies*, the *Articles of Association*, and the *Rules of Procedure of the General Meeting of Shareholders*, we actively promote shareholders to participate in corporate governance, standardize the procedures for convening and voting of the general meetings, and treat all shareholders equally to ensure full execution of their rights.

为保障中小股东相关利益，公司贯彻落实保护中小股东相关的法律法规，在股东大会审议影响中小投资者利益的重大事项时，对中小投资者的表决单独计票，单独计票结果及时公开披露。独立董事及监事会对可能损害公司或者中小股东权益的事项进行专项审议并发表明确意见，切实保障中小股东权益。

We implement related laws and regulations to protect the interests of small and medium shareholders. When the General Meeting of Shareholders deliberates on major issues that affect the interests of small and medium investors, their votes are separately counted with prompt disclosure of results to the public. The Independent Directors and the Supervisory Committee held dedicated meetings to provide decisive input on issues that could potentially harm CKS' s or small and medium-sized shareholders' interests, ensuring effective protection of the latter' s interests.

● 投资者沟通 **Investor communication**

公司通过股东大会、全景网业绩交流、业绩发布电话交流会、投资者集体接待日活动、机构策略会、路演、现场参观、投资者热线服务、互动易问答、媒体访谈等多种方式与投资者保持与广大投资者进行广泛交流和沟通，为投资者了解公司的日常经营情况提供畅通的沟通渠道。

We maintain extensive communication and exchange with investors through various means such as the General Meetings of Shareholder, performance communication on a website for Chinese securities market (<https://www.p5w.net/>), performance release telephone conferences, the Collective Investor Day activities, institutional strategy meetings, roadshows, on-site visits, investor hotline services, Q&A on Interaction Easy platform, and media interviews, providing smooth communication channels for investors to understand the daily operation of the Company.

【关键绩效】 Key Performance

➤ 2023 年度，互动易收到 140 条问题，回复率 97%

➤ 140
➤ Questions received on the Interaction Easy platform in 2023
➤ Response rate
➤ 97%

● **信息披露 Information disclosure**

我们严格遵守信息披露的有关规定,按照中国证监会和深圳证券交易所信息披露格式指引及其他信息披露的相关规定按时完成定期报告披露工作,并根据公司实际情况,真实、准确、完整、及时发布会议决议、重大事项等临时公告,忠实履行信息披露义务,确保投资者及时了解公司重大事项,最大程度地保护投资者利益。

we disclose regular reports on time in strict accordance with the guidelines of the China Securities Regulatory Commission and Shenzhen Stock Exchange (SZSE) on information disclosure format and other relevant regulations. Based on actual situations of the Company, we truthfully, accurately, completely, and timely release temporary announcements such as meeting resolutions and major issues to faithfully fulfill our information disclosure obligations, ensure timely access to the Company's major issues for investors, and maximize the protection of investor interests.

【关键绩效】 Key Performance
➤ 2023 年, 公司董事会共对外披露了 197 份公告
➤ 197
➤ Announcements disclosed to the public by CKS' s Board of Directors in 2023

6.3. 强化风险管控 Risk Control

我们建立健全法律风险防控体系,将风险管理融入企业运营各个环节,通过完善的制度文件,提升风险防控水平,保障公司战略目标的实现和持续稳健经营。

We have established a sound legal risk prevention and control system to integrate risk management into all aspects of corporate operations. Sound institutional documents improve risk prevention and control levels to ensure the achievement of the Company's strategic goals and sustainable and stable operation.

● **合规及风险管理 Compliance and risk management**

我们设立专门的法律风险防控部门，制定《合同汇签管理办法》《保密管理制度》《风险与机遇管理程序》等制度，定期进行法律风险评估，制定风险应对解决方案，落实风险监督管理，深化依法治企工作，防范企业法律风险。

We have established a dedicated Legal Risk Prevention and Control Department to formulate systems such as the *Contract Signing Management Measures*, the *Confidentiality Management System*, and the *Risk and Opportunity Management Procedure*, conduct regular legal risk assessments, develop risk response solutions, and implement risk supervision and management. Corporate governance by the rule of law has been deepened to prevent legal risks.

同时，我们不定期组织员工进行合规培训，加强内部宣传。2023 年度通过多种形式开展关键政策的计划内、外的培训与宣贯共 32 场，涵盖反贿赂、反不正当竞争、廉洁自律、营销、信息安全、职业健康、合同、知识产权等多个方面，提高员工的法律合规意识。

Meanwhile, we irregularly organize compliance training for employees to strengthen internal publicity. In 2023, a total of 32 training and publicity activities on key policies inside and outside the plan were conducted through various forms to enhance employees' awareness of legal compliance, content covering various aspects such as anti-bribery, anti-unfair competition, integrity and self-discipline, marketing, information security, occupational health, contracts, and intellectual property.

● 监察与审计 **Supervision and audit**

我们设立监察审计部，在董事会审计委员会领导下，依法独立开展内部监察和内部审计工作。监察审计部定期、不定期对组织的业务活动、内部控制和风险管理的适当性和有效性进行检查和评价，以促进组织完善治理、增加价值和实现目标，保障公司各项政策、制度的贯彻落实，促进管理提升，维护公司权益。

We have established Supervision and Audit Department to carry out internal supervision and audit under the leadership of the Audit Committee of the Board of Directors. The department inspects and evaluates the appropriateness and effectiveness of business activities, internal control, and risk management to improve our governance, add value and achieve our goals. Various policies and systems of the Company have been ensured to be implemented to promote management improvement and safeguard the rights and interests of the Company.

6.4. 税务合规管理 Tax Compliance Management

我们严格遵守国家税收法律法规和相关政策，结合实际业务情况，制定《增值税会计核算细则》《销售发票管理办法》《自营出口业务财务管理规定》等一系列税务管理制度，明确税费核算、计提及申报等标准，建立内部管理机制，保证纳税信息申报和处理的透明度和可追溯性，提升税务工作合规性，建立风险防范机制，及时纠正和避免不合规行为，规避税务风险。

We strictly abide by national tax laws, regulations, and relevant policies. Based on actual business situations, we have formulated a series of tax management systems such as the *Value Added Tax Accounting Rules*, the *Sales Invoice Management Measures*, and the *Management Regulations for Self-Run Export Business Financial* to clarify standards for tax accounting, calculation and declaration. We have also established an internal management mechanism to ensure transparency and traceability of tax declaration and processing and enhance tax compliance, as well as a risk prevention mechanism to timely correct and avoid non-compliant behaviors and tax risks.

截至 2023 年 12 月 31 日，集团成员企业未收到税务行政处罚或罚款，母公司科顺股份取得“A 级纳税信用证书”。

As of December 31, 2023, The Company's members had not received any tax administrative penalties or fines and the parent company CKS obtained an "A-Level Tax Credit Rating Certificate".

6.5. 恪守商业道德 Business Ethics

我们在业务经营中坚守商业道德，持续深化廉洁建设，坚持诚信经营，公平竞争，致力于与商业伙伴共建良好的市场秩序。

We adhere to business ethics in our business operations, continuously deepen the building of integrity, and stick to honest operation and fair competition, committed to building a good market order with our business partners.

6.5.1. 廉洁建设 Integrity building

我们构建完善的廉洁预防管理体系，制定有《廉洁管理制度》等制度，畅通举报通道，

定期组织开展廉洁自律教育，深化廉洁文化建设，严格执纪检查，强化日常监督，致力于建立健全的制度预防、教育防范、监督制约长效机制。

We have improved the corruption prevention system and formulated the *Integrity Management System* to facilitate whistleblowing. Regular integrity education campaigns are carried out to promote the integrity culture. We also strictly enforce discipline inspection and strengthen daily supervision, committed to building a long-term mechanism supported by sound policies, education, and supervision.

● **廉洁管理架构 Integrity management structure**

集团总裁：对公司廉洁自律工作负有组织领导责任。

President of CKS: organizing and leading the Company's work on integrity.

各部门负责人：对本部门人员廉洁自律行为负直接领导、监督责任。

Department managers: directly leading and supervising the integrity behavior of personnel within their departments.

监察审计部：负责廉洁自律的投诉举报受理与查处、公司员工廉洁从业行为的持续监督、被查处违规行为的通报发文等工作。

Supervision and Audit Department: handling and investigating complaints and whistleblowing related to integrity, continuously supervising the integrity of employees in their work, issuing notices and documents on violations of regulations, etc.

● **举报处理机制 Whistleblowing handling mechanism**

我们制定《投诉举报管理办法》，公司监察审计部为举报接待、受理的常设机构，负责事务性投诉、招标投标、违规违纪举报平台和其他举报方式的归口管理，部门下设监察专职对各类举报事件进行调查和处理。另外，公司于 2023 年 12 月当选为中国企业反舞弊联盟理事单位，与各行业标杆企业共同致力于反舞弊工作。

We have formulated the *Complaint and Whistleblowing Management Measures*. The Company's Supervision and Audit Department is a permanent institution for receiving and handling whistleblowing and is responsible for the centralized management of transactional complaints, bidding complaints, violation and disciplinary whistleblowing platforms, and other whistleblowing methods. Supervisors have been set up under the department to investigate and handle various types of whistleblowing events. Additionally, CKS was elected as a member unit

of the China Enterprise Anti-Fraud Alliance in December 2023, committed to anti-fraud together with benchmark enterprises in various industries.

举报渠道： Whistleblowing channels:

- 电话举报：（座机）0757-28603333-8830、8831，（手机）13928269973
- Telephone: (Fixed-line phone) 0757-28603333-8830/8831 and (Mobile phone) 13928269973
- 邮箱举报：keshunshenji@qq.com
- E-mail: keshunshenji@qq.com
- 信箱举报：公司总部大楼一楼西侧门墙屋内
- Mailbox: in the room inside the west door and wall of the first floor of CKS's headquarters building
- 微信举报：微信公众号“廉洁科顺”
- WeChat: official account of “CKS Integrity”
- 官网举报：www.keshun.com.cn
- Official website: www.keshun.com.cn
- 信函/来访举报：来信请寄广东省佛山市顺德区容桂红旗中路工业区 38 号之一科顺防水科技股份有限公司监察审计部，邮编 528300
- Letter/visit: letters to CKS's Supervision and Audit Department, No. 38 Industrial Zone, Ronggui Hongqi Middle Road, Shunde District, Foshan City, Guangdong Province, China, 528300

● **举报人保护 Whistleblower protection**

我们重视举报人信息保护，举报人和重要线索提供者的姓名及其他信息不得泄露；接到举报后负有保密责任的人员，存在有意无意泄露举报人信息或者因工作失误导致举报人信息泄露的，要根据情节轻重及给举报人带来的损害程度给予处罚，直至降职、辞退和开除。

We attach great importance to the protection of whistleblower information and forbid the disclosure of the names and other information of whistleblowers and important clue providers. Individuals, responsible for confidentiality after receiving whistleblowing and disclosing the information of whistleblowers intentionally, unintentionally, or due to work errors, shall be punished according to the severity of the situation and the degree of damage caused to the whistleblower until they are demoted and dismissed.

【关键绩效】 Key Performance	
➤	反腐败案件数目 1 件
➤	1
➤	Anti-corruption cases

6.5.2. 倡导公平竞争 Fair competition

我们严格遵守《中华人民共和国反垄断法》《中华人民共和国反不正当竞争法》等相关法律法规的规定，秉承公平、诚信的原则开展商业活动，坚定不移地抵制任何形式的不正当竞争。2023 年，法务部打假办分别深入全国 17 省 43 市，打击处理涉假案件约 68 起，勘察在建工地项目及防水建材市场共计 40 余次，成功打击制假厂家多达 7 家以上，致力于建立公平、诚信的市场秩序。

Strictly abiding by the provisions of relevant laws and regulations such as the *Anti-Monopoly Law of the People's Republic of China* and the *Anti-Unfair Competition Law of the People's Republic of China*, we adhere to the principles of fairness and integrity in conducting business activities and firmly resisting any form of unfair competition. In 2023, the Anti-Counterfeiting Office of the Ministry of Law went into 17 provinces and 43 cities across the country, with 68 cases related to counterfeits being cracked down and handled, over 40 surveys being conducted on construction sites and waterproof building materials markets, over 7 counterfeit manufacturers being successfully cracked down, committed to establishing a fair and honest market order.

7. ESG 治理 ESG Governance

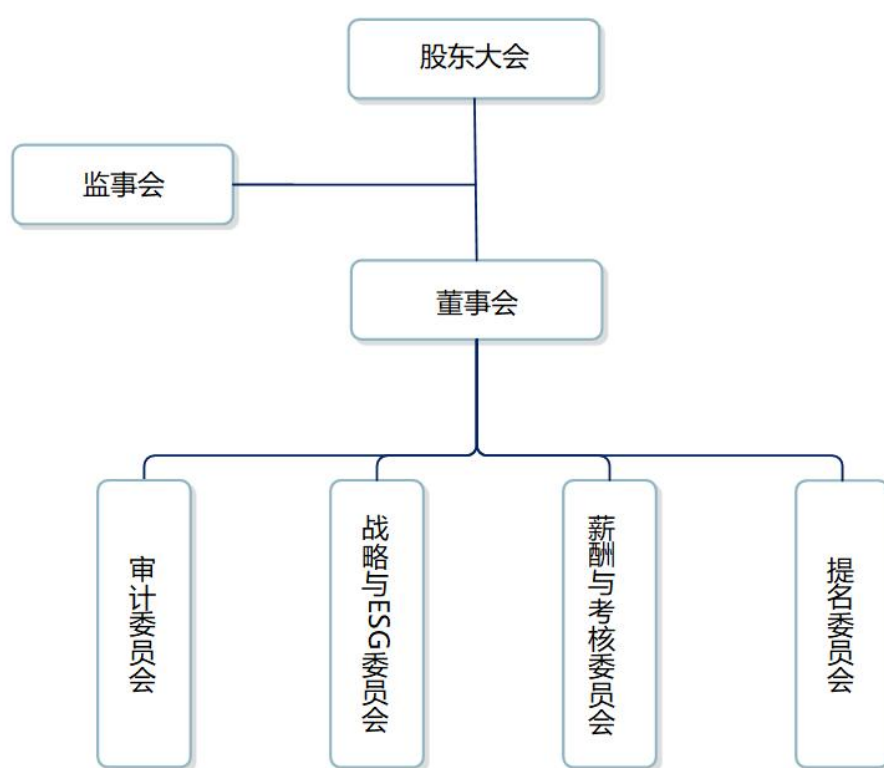
我们将 ESG 理念融入公司治理，在董事会层面建立 ESG 治理架构，不断提升公司 ESG 管理水平，同时与利益相关方保持密切沟通，了解各利益相关方的关注议题和相关诉求并积极回应，通过持续完善 ESG 治理推动公司可持续发展。

We integrate the ESG concept into corporate governance. An ESG governance structure has been set up at the Board of Directors to keep improving the Company's ESG management level. We maintain close communication with stakeholders to understand their concerns and relevant demands. A continuous better ESG governance has promoted CKS's sustainable development.

7.1. ESG 治理架构 ESG Governance Structure

为适应公司战略与可持续发展需要，增强公司核心竞争力和可持续发展能力，我们在董事会下设战略与 ESG 委员会，负责对公司长期发展战略和重大投资决策进行研究并提出建议，指导并监督公司 ESG 事宜。

To adapt to the Company's strategic and sustainable development needs and enhance its core competitiveness and sustainability, we have established Strategy and ESG Committee under the Board of Directors to study corporate long-term development strategies and major investment decisions, provide suggestions, and guide and supervise corporate ESG matters.



股东大会 General Meeting of Shareholders

监事会 Board of Supervisors

董事会 Board of Directors

审计委员会 Audit Committee

战略与 ESG 委员会 Strategy and ESG Committee

薪酬与考核委员会 Remuneration and Appraisal Committee

提名委员会 Nomination Committee

7.2. ESG 管理提升 ESG Governance Improvement

我们将 ESG 理念融入企业日常经营管理，不断强化 ESG 管理提升。建立覆盖全面，分工明确的 ESG 管理指标体系并持续优化，以指标体系为抓手推动 ESG 管理工作落地。积极参与第三方咨询机构合作，开展和参与内外部 ESG 相关培训，拓展 ESG 管理视野。同时，我们建立和实施社会责任管理体系，并于 11 月通过 GB/T 39604-2020 社会责任管理体系认证，持续促进企业的可持续发展和社会责任履行。

We integrate ESG concept into our daily operation management to continuously strengthen ESG management. A comprehensive and clearly defined ESG management indicator system has been built with continuous optimization and promoted the implementation of ESG management as a focus. We actively cooperate with third-party consulting agencies to conduct and participate in internal and external ESG-related training to expand ESG management. Meanwhile, we have established and implemented a CSR management system which obtained the certification of CSR management system in November, continuously promoting the sustainable development and CSR fulfillment of the Company.



金蜜蜂 2023 优秀企业社会责任报告
GoldenBee 2023 Excellent Corporate
Social Responsibility Report



“ESG 信披新机遇——ISSB 准则企业如何应对”分享活动
Sharing activity on “How Enterprises Respond to
ESG Information Disclosure New Opportunities -
ISSB Guidelines”

7.3. 利益相关方沟通 Stakeholder Communication

2023 年，我们建立《公关管理制度》，针对政府、社会、媒体、行业协会等定制对应的维护机制，保持与相关利益相关方开放、友善的沟通及合作，建立健全如官网、i 科顺社交平台等沟通渠道，筹备媒体开放日活动，及时对外传递公司信息，与各利益相关方开展广

泛的沟通与交流。

In 2023, we established a public relations management system to customize corresponding maintenance mechanisms for the government, society, media, industry associations, etc. We maintained open and friendly communication and cooperation with relevant stakeholders, established and improved communication channels such as the official website and iCKS social platform, and prepared for Media Open Day activities. We also timely pass on the Company's information to the public and extensively communicate with various stakeholders.

利益相关方 Stakeholders	期望与诉求 Expectations and demands	回应与行动 Response and actions
股东与投资者 Shareholders and investors	<ul style="list-style-type: none"> ● 透明信息披露 ● 创造经济价值 ● Transparent information disclosure ● Creating economic value 	<ul style="list-style-type: none"> ● 加强信息披露 ● 保持业务和盈利能力增长 ● Strengthening information disclosure ● Maintaining business and profitability growth
政府与监管部门 Government and regulatory authorities	<ul style="list-style-type: none"> ● 依法合规经营 ● 廉洁从业 ● 支持地方发展 ● Compliance operation ● Keeping business integrity ● Supporting local development 	<ul style="list-style-type: none"> ● 合规经营、依法纳税 ● 落实监督政策，开展内部监督 ● 利用专业优势主动承担社会责任 ● Compliance operation and tax payment according to law ● Implementing supervision policies and carrying out internal supervision ● Leveraging expertise to actively undertake social

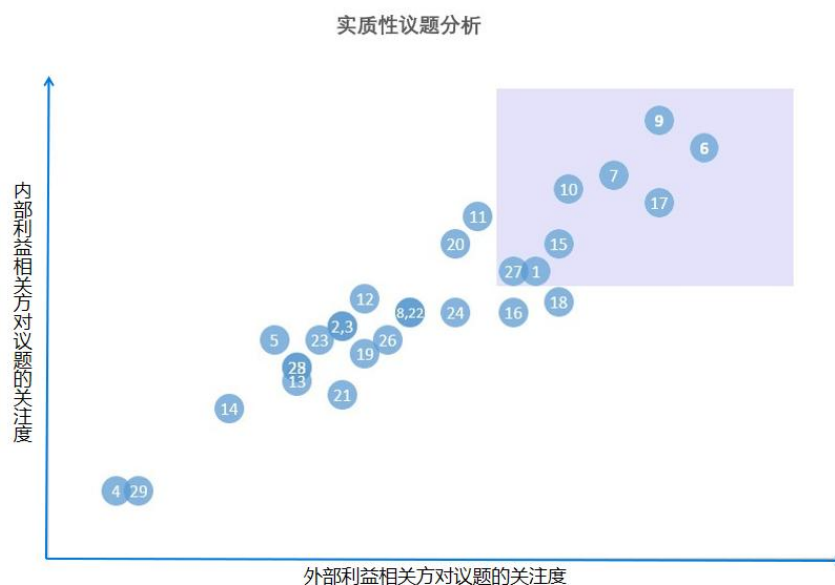
		responsibility
客户与经销商 Customers and dealers	<ul style="list-style-type: none"> ● 提供优质产品 ● 优化客户服务 ● Providing quality products ● Optimizing customer service 	<ul style="list-style-type: none"> ● 加强质量管理与控制 ● 提供满意服务 ● Strengthening quality management and control ● Providing satisfactory service
合作伙伴 Partners	<ul style="list-style-type: none"> ● 公开、公平、公正采购 ● 互惠互利、共赢发展 ● Open, fair and just procurement ● Mutually beneficial and win-win development 	<ul style="list-style-type: none"> ● 阳光采购 ● 提供合作平台，促进合作共赢 ● Transparent purchase ● Providing a platform for win-win cooperation
员工 Employees	<ul style="list-style-type: none"> ● 提供工资与福利保障 ● 提供公平晋升与发展机会 ● 关爱员工 ● Providing compensation and benefits security ● Providing fair promotion and development opportunities ● Caring for employees 	<ul style="list-style-type: none"> ● 及时足额发放工资、缴纳社保 ● 建立公平晋升机制 ● 帮扶困难员工 ● Paying salary and social security in full and on time ● Establishing a fair promotion mechanism ● Helping employees in need
环境 Environment	<ul style="list-style-type: none"> ● 减少经营活动的环境影响 ● 带动上下游节能减排 ● Reducing the impact of business activities on environment ● Driving upstream and 	<ul style="list-style-type: none"> ● 打造绿色产品 ● 开展绿色运营 ● 引导公众参与环保 ● Creating green products ● Carrying out green operation

	<p>downstream players to save energy and reduce emissions</p>	<ul style="list-style-type: none"> ● Guiding public participation in environmental protection
<p>行业组织与协会 Industry organizations and associations</p>	<ul style="list-style-type: none"> ● 持续技术创新 ● 促进行业发展 ● Continuing technological innovation ● Promoting industry development 	<ul style="list-style-type: none"> ● 加强科技创新 ● 参编国家及行业标准 ● Strengthening technological innovation ● Participating in the formulation of national and industrial standards
<p>社区 Communities</p>	<ul style="list-style-type: none"> ● 支持地方发展 ● 热心社会公益 ● Supporting local development ● Engaging in social welfare 	<ul style="list-style-type: none"> ● 开展区域修缮 ● 组织和参与公益慈善活动 ● 鼓励员工参与志愿活动 ● Carrying out regional repair ● Organizing and participating in charity activities ● Encouraging employees to participate in voluntary activities
<p>媒体 Media</p>	<ul style="list-style-type: none"> ● 诚信运营 ● 主动接受媒体监督 ● Honest operation ● Actively accepting media supervision 	<ul style="list-style-type: none"> ● 信息公开透明 ● 邀请媒体参访 ● Open and transparent information ● Inviting media to visit

7.4. ESG 议题重要性分析 Materiality Analysis of ESG Topics

我们重视 ESG 相关议题的识别和管理，通过了解和收集股东、员工、客户等各利益相关方所关注的重大性议题，并结合公司业务发展情况识别出部分关键议题，并在报告中重点披露。2023 年基于公司发展规划与实际业务情况，对重大性议题进行了回顾及评估，通过重要性分析及优先级排序，我们从 29 项议题中进一步梳理出 8 项重要议题，形成 2023 年实质性议题矩阵。

We highly values the identification and management of sustainability topics. Through stakeholder survey, we understand and collect material topics vital to the Company's operation from the perspective of the government, shareholders, employees, customers, and other parties, and make key disclosure in the report. In 2023, based on the Company's development plan and business reality, we reviewed and evaluated material topics. After materiality analysis and prioritization, we further sorted out 8 important topics from 29 topics, forming a materiality matrix for 2023.



内部利益相关方对议题的关注度

外部利益相关方对议题的关注度

Attention of internal stakeholders to topics

Attention of external stakeholders to topics

图 科顺实质性议题矩阵 Materiality matrix

股东责任 Responsibility to shareholders	1. 守法经营 Compliance operation	环境责任 Responsibility to environment	19.应对气候变化 Addressing climate change	
	2. 价值创造 Value creation		20.污染防治 Pollution control	
	3.风险管控 Risk control		21.生物多样性保护 Biodiversity conservation	
	4.信息披露 Information disclosure		22.水资源管理 Water resources management	
	5.反腐倡廉 Anti- corruption		23.物料节约 Material saving	
客户责任 Responsibility to customers	6.产品质量 Product quality		24.绿色产品 Green products	
	7.优质服务 Quality service		25.绿色办公 Green Office	
	8.隐私保护 Privacy protection		社区责任 Responsibility to communities	26.经济发展 Economic development
	9.安全健康 Safety and health			27.科技创新 Technological innovation
	10.权益保障 Protection of rights and interests			28.带动就业 Employment promotion
	11.职业发展 Career development	29.公益慈善 Charity		
	12.福利关怀 Welfare care			
13.多元化与包容性 Diversity and inclusion				
供应链责任 Responsibility to supply chains	14.民主管理 Democratic management	(识别出的实质性议题以加粗的形式展示)		
	15.商业道德 Business ethics			
	16.共同成长 Common growth			
	17.质量提升 Quality improvement			
	18.利益共享 Benefit sharing			

报告主体 Main Body

1. 守护品质——夯实发展根基 Maintaining Quality – Reinforcing the Foundation of Development

我们坚信质量是公司高质量发展的根基，持续优化质量管控机制，升级客户服务体验，不断加强安全管理，筑牢安全防线，以高品质产品和卓越服务持续为客户创造更大的价值，为美好建筑提供长久守护。

We are convinced that quality sustains a company's high-quality development. Therefore, we continue to optimize the quality control mechanism, improve customer services, and enhancement safety management. Our excellent products and services create greater value for customers and ensure lasting protection for wonderful buildings.

响应联合国可持续发展目标 Contributions to UN SDGs



【关键绩效】 Key Performance

- TOP5 产品客诉率下降 69%
- 外部客户投诉处理满意度 98%
- 因公死亡人数 0 人
- 69%
- Decrease in customer complaint rates of top5 products
- 98%
- Customer satisfaction with complaint handling
- 0
- Occupational fatalities

1.1. 坚守产品质量 **Guaranteeing Product Quality**

我们建立“一次做对，一次就好”的质量文化，持续加强全面质量管理，优化质量管理机制，不断提升员工的专业能力和质量意识，积极参与产品检测及认证，致力于为客户提供稳定的高质量产品。

Guided by the quality culture of "doing it right the first time and doing it only once", we strengthen comprehensive quality management and the quality management mechanism, raise the professionalism and quality awareness of employees, and have our products tested and certified to ensure consistent product quality to customers.

1.1.1. 优化管理机制 **Optimizing the management mechanism**

我们持续优化产品质量管理机制，从制度建设、协同机制、工作机制等方面多维发力，不断提升产品质量管理水平。

We improve our product quality management by optimizing our mechanism from aspects such as system building, coordination, and daily work.

升级管理模式：持续健全“一次做对，一次就好”为导向的“双流”质量管理模式，以客户需求为输入，以信息流为基础，通过研发、应用、施工、服务过程的全价值流闭环管理，持续改善，塑造精品质量，践行“一次做对，一次就好”，赢得客户满意。

Upgrading the management model: We improve the "dual-flow" quality management model that focuses on "doing it right the first time and doing it only once." Informed by customer demand and business information, we pursue the best quality through the closed-loop management of R&D, application, construction, and service. We practice "doing it right the first time and doing it only once" to satisfy customers.

健全制度体系：2023 年年初成立质量文件流程优化项目，全面分类梳理监督执行、内部运行管理等突出问题，强调制度的适用性和实施的可能性，以完善的制度体系保障全流程质量管理。

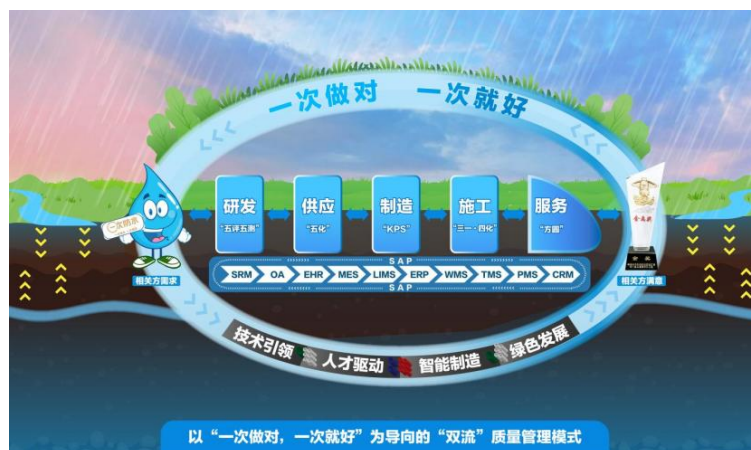
Improving our system: At the beginning of 2023, a quality document process optimization project was initiated to sort out outstanding issues of supervision, implementation, and internal operation management. We emphasize policy applicability and ensure whole-process quality management with an improved system.

强化部门协同：通过开展质量分析会、客诉沟通会、专项解决会等方式，加强部门间关于产品质量的沟通交流，消除各业务单元间信息断点、流程断点，集思广益，聚焦产品质量，提供满足客户需求服务。

Strengthening cross-departmental collaboration: We facilitate communication across departments on product quality by carrying out quality analysis meetings, customer complaint communication meetings, and special resolution meetings. These measures help us resolve information barriers among departments and bring together good ideas on product quality to provide satisfying services.

创新工作机制：建立项目责任制和“一人一责”的工作模式，专人负责推动项目，提高个人项目管理能力，项目到人，覆盖面从基层品管员到质量工程师和质量负责人，项目结果纳入 KPI 考核指标。

Bringing out new working mechanisms: We have established a project responsibility system and a working model of "one post, one responsibility." We appoint project managers, improve the project management ability of employees, and require the accountability of basic quality control staff, quality engineers, and quality managers. Project results are included in KPI assessments.



双流质量管理模式 "Dual-flow" quality management model

<p>【关键绩效】 Key Performance</p> <ul style="list-style-type: none"> ➤ 佛山科顺、德州科顺、荆门科顺及昆山科顺实验室获得了中国建筑防水协会颁发的建筑防水行业标准化实验室 ➤ 修订技术标准文件 29 份
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- 修订管理制度文件 11 份
- 修订程序文件 6 份
- Laboratories of Foshan Keshun, Dezhou Keshun, Jingmen Keshun, and Kunshan Keshun were awarded the Building Waterproofing Standardized Laboratory by China Building Waterproofing Association
- 29
- Technical standard documents revised
- 11
- Management documents revised
- 6
- Procedural documents revised

1.1.2. 提升质量意识 Heightening quality awareness

我们每年定期开展 QCC 活动及其他各类质量培训活动，构建交流平台，不断提升员工专业技能和质量意识。

We organize regular quality control circle (QCC) activities and other quality training activities every year and put in place a communication platform to improve the professional skills and quality awareness of employees.

QCC（品管圈）活动：持续开展 QCC 活动，搭建交流平台，来自生产、研发、品管、采购、设备等员工，自发组队全面参与质量管理，组织全集团提报 QCC 课题，2023 年开展课题 48 个，其中 7 个 QC 小组获得省级荣誉，课题荣获“两金两银”、两个“一等奖”、一个“二等奖”的成绩，推动公司向更高的质量标准迈进。

QCC activities: We continue QCC activities, making it a communication platform for staff working on production, R&D, quality control, procurement, equipment, etc., to fully engage in quality management. We appeal to the whole Company to submit QCC projects. A total of 48 projects were carried out in 2023, among them seven QC teams won provincial honors with 2 gold medals, 2 silver medals, 2 first prizes, and 1 second prize, propelling the Company to move towards higher quality standards.

质量意识培训：通过开展产品知识实操培训、技能比武、专项技能培训、核心供应商质

量意识培训、团队合作训练等各种形式的培训活动，提升员工及供应商的质量意识。

Quality awareness training: We enhance the quality awareness of employees and suppliers through various forms of training such as product knowledge hands-on training, skill competition, special skills training, quality awareness training for core suppliers, and teamwork training.



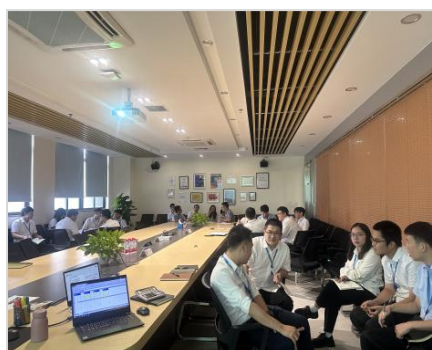
产品知识实操培训 Product knowledge hands-on training



检验技能竞赛 Testing skill competition



专项技能培训 Special skill training



团队合作训练 Teamwork training

1.1.3. 产品检测认证 Having products tested and certified

科顺高度重视产品质量，内部通过专业高效检测团队进行把控，每年主动送第三方检测机构监控产品质量稳定性。为对标先进，主动推动公司产品进行各类第三方认证，以推动和提升产品质量。

CKS places significant emphasis on product quality, which is overseen internally by a professional and efficient testing team. Additionally, CKS proactively engages third-party testing organizations annually to monitor the consistency of product quality. Striving to align with industry standards, we pursue third-party certifications for our products to enhance their quality.

产品检测：公司总部及各基地均设有独立的检测实验室，具备防水材料涉及标准中的各项检测能力。总部检测中心通过 CNAS 认证和 CMA 认证，配备 60 多台国际顶尖的检测设

备；搭建实验室信息管理 LIMS 系统并在所有生产基地上线；与自动化企业联合开发出行业领先全自动裁样机，并推广至公司所属 9 家生产基地，可基本实现无人化样品制备，实验准确性 100% 保证，同时检测效率提升 30% 以上。

Product testing: The Company's headquarters and bases have set up in-house testing laboratories capable of dealing with all waterproofing material standards. The headquarters testing center, a CNAS- and CMA-certified center, is equipped with more than 60 pieces of world-class testing equipment. The laboratory information management system (LIMS) has been applied to all production bases. An industry-leading automatic sample cutting machine developed by CKS and automation enterprises has been employed in the Company's nine production bases, realizing unmanned sample preparation, 100% experimental accuracy, and detection efficiency up by more than 30%.

产品认证：秉承“一次做对，一次就好”的质量文化，我们注重推进产品认证工作，2023 年首次通过交通产品认证 (CTVIC)。截至 2023 年末，公司共获得了铁路产品认证 (CRCC)、交通产品认证 (CCPC)、中国环境标志产品认证 (十环)、CE、UKCA、ASTM、LEED、交通产品认证 (CTVIC)、美国 FM 认证、法国 A+、美国绿色卫士、绿色建材认证、绿色产品、可靠性产品、自愿性产品 (CTC) 等 16 类产品认证。

Product certification: Adhering to the quality culture of "doing it right the first time and doing it only once", we emphasize product certification. In 2023, we passed the CTVIC certification by China-Road Transportation Verification & Inspection Hi-Tech Co., Ltd. for the first time. As of the end of 2023, we had obtained 16 product certifications, including CRCC certification for railway products, CCPC certification for transportation products, China Environmental Labeling Certification (Ten-Ring Certification), CE certification, UKCA marking, ASTM certification, LEED certification, CTVIC certification, FM Approvals, French A+ certification, American GREENGUARD Certification, green building materials certification, green product certification, product reliability certification, and voluntary product certification.

1.2. 致力客户满意 Making Customers Satisfied

我们秉承“服务科顺”的经营理念，以满足客户需求为核心，全面保障客户权益，优化客户体验，致力于提供让客户满意的服务。

Putting services high on our agenda, we focus on meeting customer needs, fully protect customer rights and interests, and optimize customer experience to make them satisfied.

1.2.1. 客户权益保护 **Protecting customers' rights and interests**

我们高度重视客户沟通，完善客诉处理机制和售后服务机制，严格保障客户隐私安全，全方位保障客户权益。

Prioritizing customer communication, we improve the customer complaint handling mechanism and after-sales service mechanism and strictly protect customer privacy to guarantee customer rights and interests in all respects.

● 客户沟通及反馈 **Customer communication and feedback**

我们建立线上线下多种客户沟通渠道，及时响应客户需求。此外，为了能更好地听取客户诉求和期望，以“服务科顺”为宗旨，针对客户诉求和期望做好纠正预防、整改、提升，我们每年组织多部门成员协同参与的走访一线客户的质量行活动。公司领导走进一线，与经销商、一线防水施工班组进行深入交流，主动挖掘问题，提升服务水准。2023 年，质量行团队成员通过走访核心经销商，针对客户提出的问题，现场解决 36 个，未能现场解决的 136 个问题，走访结束后 3 个月解决客户全部问题。

Our online and in-person customer communication channels respond to customer needs promptly. Guided by the management philosophy of "service", we take prevention, rectification, or improvement measures according to customer demands and expectations. To better listen to customers' voices, we organize cross-departmental quality-themed visits to customers every year. The Company's management will have in-depth exchanges with dealers and first-line waterproofing construction teams to understand their issues and improve our services. In 2023, the quality team members successfully addressed 36 customer issues on-site by visiting key dealers, as well as resolved 136 issues that required further attention. All outstanding customer concerns were fully resolved within three months post-visit.

【案例】 听取客户意见，优化推出离型膜为 MPET 材质的防水卷材

【 Case 】 Answering customers' demand by launching the optimized MPET-release-film waterproofing rolls

2023 年 3 月华北质量行期间，三位经销商客户反馈同类相似的问题：APF-5000 非沥青基强力交叉膜自粘高分子防水卷材施工时存在 PET 离型膜难撕、光污染现象。为了解决此问题，经公司专家现场调研、分析研讨，决定将 APF-5000 的镀铝 PET 离型膜升级为材质韧性更好的 MPET 离型膜。经过多轮中试，在确保产品的物理性能、施工应用性能不会打折扣的前提下，在 2023 年 11 月 13 日正式推出了离型膜为 MPET 材质的 APF-5000 非沥青基强力交叉膜自粘高分子防水卷材，新的 MPET 膜韧性更强，撕膜时不易撕烂，同时淡蓝色膜材避免了光污染现象。产品一经上市受到了经销商客户及一线防水施工工人的广泛好评。



During the North China quality visits in March 2023, three dealers reported similar problems: APF-5000 non-asphalt-based strong cross-film self-adhesive polymer waterproofing rolls had two main problems during construction: difficulties in peeling off the PET release film and light pollution. To solve the problems, after on-site research and analysis, experts of the Company decided to replace the aluminized PET release film with the more resilient metalized PET (MPET) film. With uncompromised physical properties and application performance, on November 13, 2023, the new APF-5000 non-asphalt-based strong cross-film self-adhesive polymer waterproofing rolls with MPET release films were launched. The new release film is not easily torn apart when peeled off and its light blue color does not cause light pollution. The newly marketed product was widely praised by dealers, customers, and front-line waterproofing construction workers.

● 客户投诉处理 Customer complaint handling

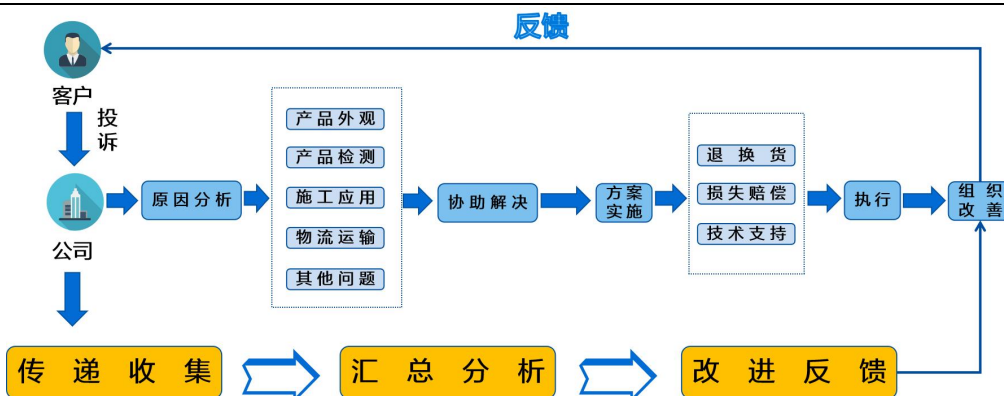
2023 年 10 月，我们发布并实施了 A5 版《客户投诉管理制度》，2023 年编写并完善了 7 份配套制度，规范公司对客户投诉处理事宜的管理，完善客户投诉处理的及时性，以及问题整改的有效性，推动质量问题的解决，确保所有客户投诉反馈均严格按照制度化、规范化要求进行对接和处理闭环。同时，我们通过回访进行效果确认，运营客服会对每起客诉处理

情况进行回访，调查客户满意度，收集客户意见，改善工作中存在的不足，从而提高客户满意度。

In October 2023, we released and implemented the A5 version of the *Customer Complaint Management System*. In the same year, we compiled or improved seven supporting systems to standardize the Company's customer complaint handling and ensure responsiveness and effective rectification. We urge the resolution of quality problems, guaranteeing that all customer complaints are resolved strictly in a standardized manner. Meanwhile, through follow-up visits by customer service staff, we investigate the effect of complaint handling and customer satisfaction and collect customer opinions to improve our work and customer satisfaction.

【关键绩效】 Key Performance

- 外部客户投诉处理满意度 98%
- 内部相关部门客诉处理满意度 84%
- 因泄露客户隐私接获投诉数目 0 件
- TOP5 产品客诉率下降 69%
- 98%
- Customer satisfaction with complaint handling
- 84%
- Customer satisfaction with complaint handling by internal departments
- 0
- Complaint received for breach of customer privacy
- 69%
- Decrease in the customer complaint rates of top5 products



投诉处理流程 Complaint handling mechanism

客户 Customers

投诉 Complaints

公司 The Company

原因分析 Cause analysis

检测问题 Problem detection

产品质量 Product quality

施工应用 Construction applications

运输服务 Transportation services

其他问题 Other issues

协助解决（相关部门） Assisted resolution (relevant departments)

方案实施 Plan Implementation

退换货 Product return and exchange

赔偿损失 Loss compensations

现场技术协助 On-site technical assistance

执行 Execution

组织内部改善 Internal improvement

传递收集 Collection

汇总分析 Analysis

改进反馈 Improvement and feedback

反馈 Feedback

● 售后处理机制 After-sales handling mechanism

我们制定《产品召回管理制度》并持续修订和优化，明确产品召回工作适用范围、各部门的职能、触发产品召回条件的“质量隐患”“环境事故”“健康事故”的定义，并确定了公司召回政策的总的处理原则：快速响应、降低损失、维护信誉、客户满意，确保公司产品在发现存在质量隐患、潜在客户投诉或外部的环境、健康等紧急事故时能够及时得到迅速响应或召回等处理，最大限度地降低因产品缺陷、事故等对客户的影响。截至 2023 年 12 月 31 日，公司未发生产品召回事件。

We have formulated the *Product Recall Management System*, which is continuously revised,

clarifying the scope of a product recall, the responsibilities of each department, and the definition of triggering conditions such as "quality hazards", "environmental accidents" and "health accidents". We set the general principles of the recall policy: rapid response, loss reduction, reputation maintenance, and customer satisfaction, to ensure that the Company's products are swiftly handled or recalled if they are found to have quality hazards, potential customer complaints, or during external environmental and health emergencies. By doing so, we minimize the impact on customers due to product defects and accidents. As of December 31, 2023, the company had not registered any product recalls.

● 客户隐私保护 **Customer privacy protection**

我们十分重视客户隐私信息保护，制定《客户信息保密管理规定》，明确部门职责和各项保密措施，建立客户信息泄露应急机制，同时针对员工开展保密制度的相关培训，增强员工保密意识，切实保障客户隐私信息安全。

Emphasizing customer privacy protection, we have formulated the *Customer Information Confidentiality Management Regulations*, clarified departmental responsibilities and confidentiality measures, and established an emergency mechanism for customer information leakage. Targeting employees, we organize training on the confidentiality system to raise their awareness of confidentiality and effectively protect customer privacy.

1.2.2. 优化客户服务 **Optimizing customer service**

工程建材集团建立了独具特色的顾客关系管理体系，针对不同的客户群体制定了差异化的服务机制，在售前、售中、售后环节持续优化客户服务，与客户建立长期互利共赢的合作关系。

Construction Engineering Materials Co., Ltd. has put in place a unique customer relationship management system. A differentiated service mechanism is set up for different customer groups and customer services are continuously improved before, during, and after a sale to build long-term reciprocal and win-win relationships with customers.

售前：通过业务拜访、满意度调研、经销商会议、行业展会、招投标信息网、高层领导走访等渠道获取客户的信息，识别出客户的关键需求，提供针对性支持与服务。

Before a sale: We obtain customer information through business visits, satisfaction surveys,

dealer meetings, industry exhibitions, bidding information websites, senior leadership visits, and other channels to identify the critical needs of customers and provide targeted support and services.

售中：针对核心经销商实控人组织法务知识专题培训，帮助核心经销商实控人对经营过程中法务风险产生更清晰的认知及判断，并规避相关法务风险。同时成立财法赋能小组驻点经销商，协助经销商梳理应收数据、确权资料，在业务风险把控上给出专业的指导意见，帮助 5 家经销商收回地产逾期贷款。

During a sale: We organize special training on legal knowledge for actual controllers of core dealers to enable them to understand, evaluate, and avoid legal risks in operations. At the same time, a financial law empowerment team is set up and sent to assist dealers in sorting out accounts receivable and confirmation materials with professional guidance on business risk control. We have helped five dealers recover overdue real estate payments.

针对 300+家经销商建立了“N+1”VIP 客户服务群，即由公司多个部门包含产品、技术、财务、商务、法务、市场等组成的服务团队，以微信群为服务平台，为单个 VIP 客户组建专属服务群，让客户的需求第一时间得到解决。

For over 300 dealers, we have established the "N+1" VIP customer service group, namely, a cross-departmental team composed of staff working on products, technology, finance, business, legal affairs, marketing, etc. An exclusive service chat group is formed for individual VIP customers through the WeChat platform so that their needs can be met immediately.

售后：不断创新服务理念和管理模式，建立、健全售后服务体系，完善客诉处理机制，持续优化客户体验。

After a sale: We innovate service concepts and management models, improve the established after-sales service systems and customer complaint handling mechanisms, and continuously optimize customer experience.



与长期同行者共创共享 Creation and sharing with long-term partners

顾客期望 Customer expectations

售前服务 Before-sales service

售中服务 During-sales service

售后服务 After-sales service

顾客满意度/忠诚度 Customer satisfaction/loyalty

贴心服务 Thoughtful service

客户至上 Customers first

人性关情 Considerate care

1.3. 严守安全底线 Cementing the Bottom Line of Safety

我们始终秉持安全至上的原则,不断强化安全生产管理,提升员工安全生产能力和意识,以强有力的安全保障,筑牢生产基石。

Putting safety first, we enhance work safety management and improve employees' work safety skills and awareness. These strong safety measures reinforce the foundation of production.

1.3.1. 强化安全管理 Strengthening safety management

我们持续推进安全制度体系建设,加强安全风险分级管控,开展全面隐患排查,建立完善的应急管理机制,不断提升安全管理水平。

To improve safety management, we continue to build our safety systems, strengthen risk-level-based safety management, thoroughly investigate hidden dangers, and establish a sound emergency management mechanism.

- **健全制度体系 Sound system**

公司以体系化管理为主线，不断健全安全生产管理制度，包括《职业健康安全与环境责任制》《环安全隐患排查治理管理制度》《安全设施管理制度》《特种设备安全管理制度》《重大事故隐患挂牌督办管理制度》《应急值班和领导带班管理制度》《安全环保应急救援管理制度》等一系列管理制度，并监督各基地严格执行。

Centering around institutionalized management, we improve work safety policies, including *Occupational Health and Safety and Environmental Responsibility System, Environmental Safety Hidden Hazard Identification and Management System, Safety Facilities Management System, Special Equipment Safety Management System, Major Hidden Danger Listing and Supervision Management System, Emergency Duty and Leaders-in-Charge Management System, Safety and Environmental Protection Emergency Rescue Management System, etc.*, and strictly supervises the implementation at each base.

- **安全风险管控 Safety risk management**

安全风险分级管控：各生产基地健全安全风险分级管控和隐患排查治理机制，从设备设施、作业活动开展安全风险辨识，更新安全风险清单，采用多种安全风险分析方法及其组合分析生产过程中存在的安全风险，有效实施安全风险分级管控，对涉及“两重点一重大”的生产、储存装置定期开展 HAZOP 分析，从工程技术、管理措施、培训教育、个体防护、应急处置制定控制措施，张贴岗位安全风险告知卡，向岗位员工进行培训教育。

Structured management of safety risks: Each production base improves the structured management of safety risks and the investigation mechanism of hidden dangers and identifies safety risks in equipment and operations. The list of safety risks is updated. A variety of safety risk analysis methods or their combinations are adopted to analyze risks in the production process. To ensure effective structured risk control, we regularly carry out hazard and operability analyses (HAZOP) of "two key and one major" production and storage equipment. Control measures are taken, covering engineering technology, management, training, personal protection, and emergency response, with safety risk notification cards posted and training conducted for employees.

安全风险隐患排查：根据安全风险管控情况，全面开展安全风险隐患排查工作，做到安全风险隐患排查全覆盖，责任到人。安全风险隐患排查形式包括日常排查、综合性排查、专

业性排查、季节性排查、重点时段及节假日前排查、事故类别排查、复产复工前排查和外聘专家诊断式排查等，有效防范各类安全事故。

Investigation of safety risks and hidden dangers: Given the status of risk management and control, we thoroughly investigate safety risks and hidden dangers to ensure full coverage and accountability. Specifically, we conduct daily investigations, comprehensive investigations, professional investigations, seasonal investigations, investigations during key periods and before holidays, investigations based on similar accidents, investigations before resumption of production, and diagnostic investigations by external experts, etc., to effectively prevent all kinds of accidents.

● **安全应急管理 Safety emergency management**

各生产基地严格按照《中华人民共和国安全生产法》《生产安全事故应急条例》《生产安全事故应急预案管理办法》等法规，根据风险辨识评估、应急资源调查情况，编制生产安全事故综合应急预案、危险化学品泄漏、火灾事故专项应急预案以及中毒和窒息、触电事故、机械伤害事故、车辆伤害事故、物体打击、高处坠落事故、灼烫事故、锅炉爆炸、压力容器爆炸事故等应急处置措施，并将应急预案向全员培训，使每位员工了解发生事故时信息报告、应急响应、应急处置等流程，并对应急预案实施情况进行总结评估，对不足的方面及时进行健全完善，根据实际情况对应急预案进行适当修订。

All production bases strictly comply with Chinese laws and regulations such as Work Safety Law, *Regulations on Emergency Response to Production Safety Incidents*, and *Administrative Measures for Emergency Plans Against Work Safety Accidents*. Given the identified risks and emergency resources at their disposal, each production base prepares comprehensive emergency plans for work safety accidents, special emergency plans for hazardous chemical leakage and fires, as well as emergency responses to poisoning, suffocation, electric shocks, mechanical injuries, vehicle-caused injuries, strikes, falling from heights, burns, boiler explosions, pressure vessel explosions. The emergency plans are included in all-employee training so that they can understand how to report, respond to, and handle an emergency. After summarizing and evaluating how emergency plans are implemented, each production base addresses any shortcomings and makes appropriate revisions given the reality.

【关键绩效】 Key Performance

➤ 排查事故隐患 7,503 项，隐患整改率 100%

➤	安全事故数量 7 次，重伤事故率 0%
➤	轻伤事故 1 次
➤	因公死亡人数 0 人
➤	职业病案例数量 0 个
➤	职业病比例 0%
➤	7,503
➤	Hidden dangers investigated, with a 100% rectification rate
➤	7
➤	Safety accidents, with 0% serious injury
➤	1
➤	Minor injury
➤	0
➤	Occupational fatalities
➤	0 occupational disease cases
➤	0% occupational disease rate

1.3.2. 提升安全意识 Elevating safety awareness

我们结合业务实际，针对各层级各岗位员工开展多种形式的安全培训和应急演练，持续提升员工安全生产能力和突发事件应对能力。

Given real operation practices, we conduct various forms of safety training and emergency drills for employees at all levels and positions, thus improving their work safety capabilities and emergency response.

安全培训：结合实际有针对性地开展各类安全培训，包括总经理上安全课、班前安全培训、消防培训、职业健康培训、特种设备安全培训、相关方安全培训、特殊作业监护人安全培训、事故案例培训等，提升全体员工安全意识和岗位员工安全技能。

Safety training: We carry out targeted safety training, including general manager safety classes, pre-shift safety training, fire training, occupational health training, special equipment safety training, safety training for stakeholders, safety training for special operation supervisors,

accident case training, etc., to improve the safety awareness and skills of all employees.

应急演练：根据新的有关法律法规和标准规范的要求，对危险因素进行全面的分析，确定了可能发生的事故类型及危害程度，针对危险源和事故危害程度，制定相应的应急预案和防范措施，并按照应急预案演练，有效提升员工事故预防能力和应对能力。

Emergency drills: According to the requirements of the new laws, regulations, and standards, we thoroughly analyze risk factors, determine the type of accident and degree of harm that may occur, and formulate corresponding emergency plans and preventive measures based on the hazards and the degree of their impact. Following the emergency plan, drills are carried out to effectively improve the accident prevention and response of employees.

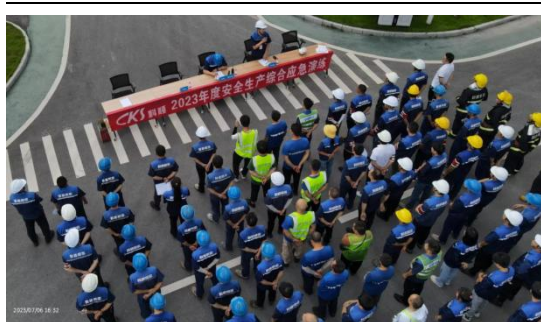
【关键绩效】 Key Performance
➤ 开展各类安全培训 1188 场次
➤ 培训人数 13524 人次
➤ 1,188
➤ Safety training sessions of all kinds
➤ 13,524
➤ Training participants



安全生产事故培训 Work safety accident training



总经理安全生产大宣讲 General manager work safety lecture



安全生产综合应急演练 Comprehensive emergency drill for work safety



与当地消防部门联合应急演练 Joint emergency drill with the local fire department

1.4. 守护美好建筑 Excellent Buildings

2023 年，我们凭借高品质产品与高效服务，参与建设了诸多海内外美好建筑，为它们提供长久守护，不断朝着“与人类美好建筑共百年”的企业愿景前进。

In 2023, our high-quality products and efficient services contributed to many wonderful buildings at home and abroad, providing them with long-term protection to fulfill our vision of "developing time-honored buildings for mankind".

<p>深圳市妈湾跨海隧道工程项目 Shenzhen Mawan Cross-Sea Passage Project</p>	
<p>南疆环球港喀什水城：威尼斯水街 Kashgar Nanjiang Global Harbor: Venice Water Street</p>	

<p>德瓦卡 IICC 国际会展中心一期工程</p> <p>The first phase of India International Convention & Expo Center in Dwarka</p>	 Architectural rendering of the Dwarka IICC exhibition center interior, showing a modern, multi-level structure with a large, curved, white canopy and greenery.
<p>新德里国际会展中心 (IECC) 定制地下室防水解决方案</p> <p>New Delhi International Exhibition-cum-Convention Center (IECC) customized basement waterproofing solution</p>	 Construction site of the New Delhi International Exhibition-cum-Convention Center (IECC), showing the building's steel framework and construction cranes.
<p>烟台八角湾国际体育中心</p> <p>Yantai Bajiaowan International Sports Center</p>	 Architectural rendering of the Yantai Bajiaowan International Sports Center, showing a large, modern stadium with a white, curved roof and surrounding urban landscape.
<p>广州白云站地下防水工程</p> <p>Guangzhou Baiyun Station underground waterproofing project</p>	 Aerial view of the Guangzhou Baiyun Station stadium, showing the large, modern stadium structure and surrounding urban landscape.

【责任竞争力探寻】 Responsible Competitiveness Highlight

坚守品质，守护社区，由我科顺

CKS guarantees quality and safeguards communities

屋面防水工程是房屋建筑的一项重要工程，工程质量的好坏关系到建筑物的使用寿命及人居环境，但屋面渗漏是建筑工程的质量通病。2022 年 5 月，中建三局一公司与科顺股份签订合作承建泰安市某项目，该项目所有防水工程由科顺工程公司承建，在屋面施工之前公司针对原屋面设计方案进行重点审视后发现严重的设计缺陷，同时其中两道 1.5mm 自粘防水卷材不符合现发行的设计新规，且后期埋藏有严重的渗漏风险。公司通过专业防水施工方案和专业高效施工有效保障防水工程质量。

Roof waterproofing makes up an important part of housing construction to the extent that waterproofing quality affects a building's life and the living environment. However, roof leakage remains a perennial issue in construction projects. In May 2022, China Construction Third Bureau First Engineering Co., Ltd. and CKS signed a cooperation agreement on the waterproofing of a Tai'an City project. Before the work began, CKS reviewed the original roof design scheme, where serious defects were identified. Two of the 1.5-thick self-adhesive waterproofing rolls did not meet the prevailing design regulations and contained serious leakage risks. It was because of CKS's professional waterproofing planning and efficient implementation that the quality of the project was guaranteed.

专业方案：屋面工程施工前，项目部技术管理人员会审屋面工程图纸并参考《屋面工程技术规范》（GB50345-2004），掌握施工图中的细部构造及有关技术要求并根据工程的实际情况编制屋面工程的施工方案及安全技术交底，通过会审中发现的问题向甲方提出我们的专业意见，将原有的屋面做法两道 1.5mm 自粘防水卷材变更为 2mm 非固化+3mm SBS 防水卷材，在保证甲方成本能够接受的范围内提供我们更加专业的防水施工方案，为客户提供更优质的服务。

Professional planning: Before construction, the technical management personnel of the project department reviewed the roofing blueprint by referring to the *Technical Code for Roofing Engineering* (GB50345-2004). They understood the detailed structure and technical requirements in the blueprint, prepared a project-specific roof engineering plan, and explained safety and

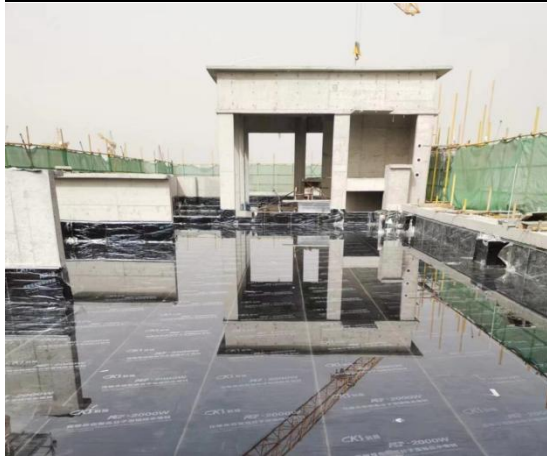
technology details to workers. They passed the problems identified in reviews and professional opinions to the owner, suggesting changing two 1.5-thick self-adhesive waterproofing rolls to 2-thick non-curing and 3-thick SBS waterproofing rolls. Within the owner's budget, we provided more professional waterproofing solutions and better services.

专业施工：工程依据施工方案有计划地展开施工，技术管理人员对工作负责人及作业班组进行安全技术交底，包括施工的部位、施工顺序、施工工艺、工程质量标准、保证质量的技术措施、成品的保护措施和安全注意事项等。技术管理人员协同业主认真检查施工人员的上岗证，严格保证屋面工程的防水层由防水专业人员施工。施工中，工作负责人常驻现场，监督指导施工人员按施工工序、层次进行质量的自检、自查、自纠并且做好施工记录，技术管理人员及时通知业主，做好每道工序的验收工作，验收合格后方可进行下道工序、层次的作业。

Professional engineering: The project was carried out as planned, and the technical management personnel explained safety and technology requirements to the person in charge and the operation team, including the construction location, sequence, technique, quality standards, technical measures for better quality, finished part protection measures, and safety precautions. Technical management personnel, together with the owner, carefully checked the work permit of construction workers, making sure that the roof waterproofing project was finished by waterproofing professionals. During the construction, the person in charge was required to stay on-site, supervising and guiding construction workers to conduct quality self-inspection and self-correction and properly record the process step by step. Technical management personnel informed the owner promptly to inspect the work finished at each stage before they moved on to the next step.

经过全体团队成员的共同协作，公司成功完成屋面防水工作，并在验收阶段取得全部合格的结果。项目未出现工期延误，工程质量达到预期目标，且交付后经过雨水的考验，屋面防水表现出了出色的防水效果，未出现任何渗漏情况，坚守品质的同时为客户创造更多价值。

Thanks to our teamwork, the Company completed roof waterproofing, which passed all evaluations. The project did not have any delays, reached the expected quality goals, and after delivery, withstood the test of rain. It demonstrated excellent waterproofing results without any leakage, creating more value for customers in our pursuit of quality.



2. 守护家园——践行绿色发展 Safeguarding the Earth – Practicing Green Development

我们以践行绿色发展为己任，积极响应国家“碳达峰、碳中和”战略，明确“碳中和”目标及实现路径，加快建设环境友好型企业，全面推进绿色运营，打造绿色工厂、研发绿色产品，拓展绿色业务，为实现人与自然和谐发展贡献自身力量。

Undertaking the mission of green development, we respond to China's 30•60 Decarbonization Goal, clarify the goal of and the path to carbon neutrality, and accelerate the efforts to build an eco-friendly enterprise. We advance green operations on all fronts, build green factories, develop green products, and expand green business, contributing to the harmony between human beings and nature.

响应联合国可持续发展目标 Contributions to UN SDGs



【关键绩效】 Key Performance

- 环境污染事故 0 起
- 0 environmental pollution accidents
- 万元产值二氧化碳同比下降 9%
- 万元产值新鲜水消耗量同比下降 23.24%
- 9%
- YoY decrease in carbon dioxide per RMB 10,000 output
- 23.24%
- YoY decrease in the consumption of fresh water per RMB 10,000 of output

2.1. 助力“双碳”战略 **Contributing to China's 30•60 Decarbonization Goal**

我们基于公司制造系统碳排放现状制定“碳中和”规划，明确节能减排的具体方向，同时不断加强能耗管理，多措并举推动“碳中和”工作规划落地，助力“双碳”目标实现。

Given the current carbon emissions of our manufacturing system, we have finalized a carbon neutrality plan and the direction of energy conservation and emission reduction. Meanwhile, we enhance energy consumption management and take multiple measures to deliver our carbon neutrality plan for China's 30•60 Decarbonization Goal.

2.1.1. “碳中和”规划 **Planning for carbon neutrality**

我们制定制造系统“碳中和”长期规划，明确“碳中和”目标及实现路径，在公司范围内逐步开展碳排查，在了解自身碳排放现状的基础上绘制双碳路线图，推动双碳目标实现。

We have formulated a long-term carbon neutrality manufacturing plan and clarified the goal of and path to carbon neutrality. We examine our carbon emissions, based on which we design a carbon dioxide peaking and carbon neutrality roadmap to serve China's 30•60 Decarbonization Goal.

制定“碳中和”规划：制定《科顺制造系统“碳中和”工作规划（2022—2050年）》，明确制造系统碳排放现状、制造系统“净零碳排放”（碳中和）目标及具体的减碳举措及规划。

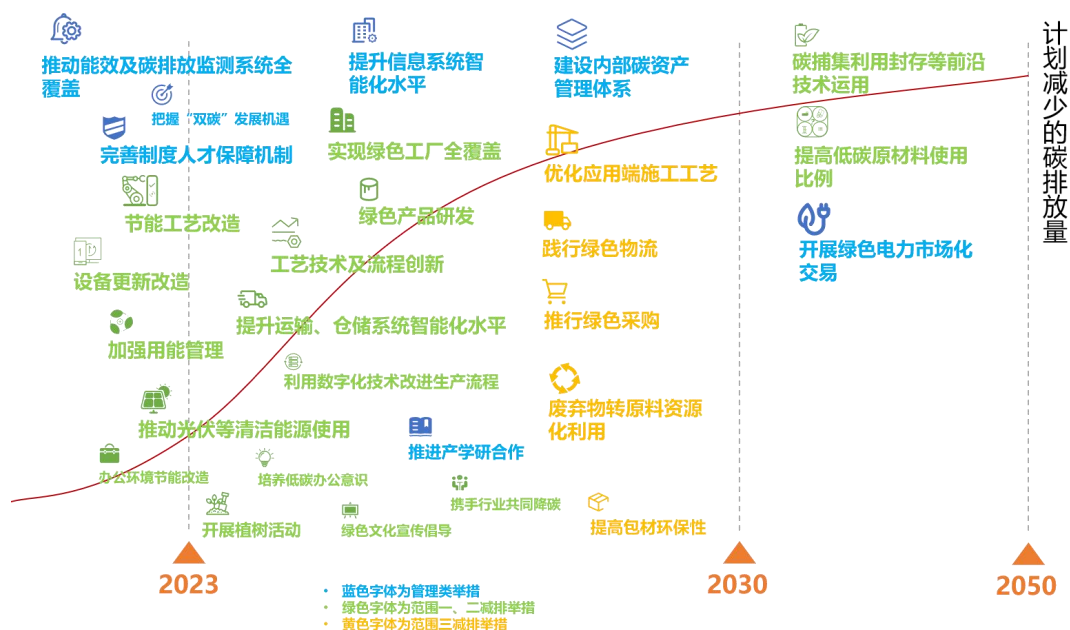
A carbon neutrality plan: We finalized the *CKS Manufacturing System "Carbon Neutrality" Work Plan (2022-2050)*, clarifying current carbon emissions in the manufacturing system, the "net zero carbon emissions" (carbon neutrality) goal, and specific carbon reduction measures and plans.

逐步开展碳排查：下属生产基地及部分产品逐步开展碳排查，德州科顺已发布2021年度温室气体排放的核查报告，渭南科顺进行年度产品碳足迹、厂区碳核查情况公示，公司部分产品取得产品碳足迹证书。

Emission examination: We examined the carbon emissions of our production bases and some products. Dezhou Keshun released a report on its greenhouse gas emissions in 2021 while Weinan Keshun disclosed its annual product carbon footprint and factory carbon emissions. Some of the Company's products obtained a product carbon footprint certificate.

制定双碳路线图：聘请第三方咨询机构开展工厂调研和部门访谈，以更好地明确公司整体的碳达峰碳中和目标，绘制公司的双碳路线图。

A carbon dioxide peaking and carbon neutrality roadmap: We hire a third-party consulting agency to conduct factory surveys and departmental interviews and clarify our overall carbon dioxide peaking and carbon neutrality goals. Based on this, CSK's carbon dioxide peaking and carbon neutrality roadmap is formulated.



科顺“双碳”路线图 CSK's carbon dioxide peaking and carbon neutrality roadmap
制造系统“净零碳排放”（碳中和）目标

The goal of "net zero carbon emissions" (carbon neutrality) of the manufacturing system

指标 Indicator	目标 Goal
单位产值能源消耗降低 (%) Reduction in energy consumption per unit of output (%)	2025 年比 2020 年下降 19% 19% decrease in 2025 from 2020
单位产值二氧化碳排放降低 (%) Reduction in CO ₂ emissions per unit of output (%)	2025 年比 2020 年下降 20% 20% decrease in 2025 from 2020
实现 1 家“净零碳工厂”试点 1 pilot "Net Zero Carbon Factory"	2030 年前 By 2030

实现制造系统“碳中和” Carbon neutrality in the manufacturing system	2050 年前 By 2050
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【关键绩效】 Key Performance

- 温室气体排放总量（范围 1+范围 2）：95773.54tCO₂e
- 温室气体排放量（范围 1）：36514.77tCO₂e
- 温室气体排放量（范围 2）：59258.77tCO₂e
- 温室气体排放密度：0.15678tCO₂e/万元
- 95,773.54 tCO₂e
- Total GHG emissions (Scope 1 + Scope 2)
- 36,514.77 tCO₂e
- GHG emissions (Scope 1)
- 59,258.77 tCO₂e
- GHG emissions (Scope 2)
- 0.15678 tCO₂e/RMB 10,000
- GHG emission intensity

2.1.2. 强化能耗管理 Strengthening energy consumption management

我们持续加强能耗管理，完善管理制度建设，以数字化赋能能耗管理，推动太阳能等清洁能源使用，更新和改造耗能设备，全面推进节能减排。2023 年，福建科顺通过 ISO 50001 能源管理体系认证。

We strengthen energy consumption management by improving relevant policies and adopting digital means. We apply clean energy such as solar energy and transform energy-consuming equipment to advance energy conservation and emission reduction. In 2023, Fujian Keshun passed the ISO 50001 energy management system certification.

健全管理机制：制定《节能管理制度》《能源计量管理制度》等制度，规范能源使用和计量，每年制定节约能耗的目标，并将目标分解至各个生产基地，推动节能减排。

Sound management mechanism: The *Energy Conservation Management System, Energy*

Measurement Management System, and other systems are formulated to standardize energy use and measurement. Annual energy conservation targets are set and assigned to each production base, calling them to engage in energy conservation and emission reduction.

2023 年 2023	指标 Target	实际完成情况 Final result	是否达成 Achieved or not
能耗指标下降率 The decrease in energy consumption indicators	5.5%	8.97%	达成 Achieved
二氧化碳排放指标下降率 The decrease in carbon dioxide emission indicators	5%	9%	达成 Achieved

能耗信息化管理: 搭建能源信息化管理平台, 对各基地能耗和二氧化碳排放实时在线管理, 提升能耗和碳排放管理能力。

Digitalized energy consumption management: We have developed an online energy management platform to monitor real-time energy consumption and carbon dioxide emissions of each production base, improving energy consumption and carbon emission management capabilities.

优化能源结构: 在可行的厂区推动光伏电站建设, 有效利用太阳能等清洁能源。2023 年安装屋面光伏 2,600m², 光伏装机总容量 395.16kw, 年发电量 474500kw.h, 节约能耗折标煤 58.32tce, 减少二氧化碳排放 270.61 吨。

Optimized energy use: We build photovoltaic power stations in suitable factories to tap into clean energy such as solar energy. In 2023, 2,600m² of rooftop solar photovoltaics were installed, with a total installed capacity of 395.16kW that generates 474,500 kWh of electricity each year, reducing energy consumption by 58.32tce and carbon dioxide emissions by 270.61 tCO₂e.

使用高效节能设备: 2023 年淘汰高耗能落后机电设备电机、泵共 10 台套, 更换使用高效节能设备, 节约能耗折标煤 30.56tce, 减少二氧化碳排放 141.81 吨。

Efficient and energy-saving equipment: In 2023, ten sets of motors and pumps of energy-demanding and outdated mechanical and electrical equipment were replaced with efficient energy-saving equipment, reducing energy consumption by 30.56 tce and carbon dioxide

emissions by 141.81 tCO₂e.

设备节能改造：推广重点用能设备节能增效改造，RTO 烟囱预热回用，RTO 处理后废气温度预热旋风除油器内进口废气温度，提高进入 RTO 废气温度，节省天然气消耗 8921m³，折标煤 10.83tce，减少二氧化碳排放 19.28 吨。

Energy-saving transformation of equipment: We upgrade key equipment to save energy and improve efficiency. RTO processes and heats exhaust entering the degreaser device to increase its temperature, saving natural gas consumption by 8921m³, or 10.83tce, and reducing carbon dioxide by 19.28 tCO₂e.

The screenshot shows the 'Energy Analysis' (能耗分析) module of the CKS energy information management platform. It displays a table of energy consumption data for the year 2023, categorized by month. The table includes columns for electricity (kWh), natural gas (m³), diesel (t), converted steam (t), and purchased steam (t). A summary row at the bottom shows total consumption for each category.

序号	时间	电 (kWh)	天然气 (m ³)	柴油 (t)	转化蒸汽 (t)	外购蒸汽 (t)
1	2023-01-01 ~ 20...	3,074,127.44	534,112.02	6.60	177.02	149.5
2	2023-02-01 ~ 20...	6,935,302.91	1,260,110.74	28.46	359.37	349.0
3	2023-03-01 ~ 20...	10,398,480.22	1,889,555.89	38.22	385.18	239.7
4	2023-04-01 ~ 20...	7,879,541.99	1,331,242.56	27.40	269.05	299.4
5	2023-05-01 ~ 20...	7,978,468.22	1,381,824.51	31.40	225.18	283.2
6	2023-06-01 ~ 20...	8,728,104.37	1,434,245.34	31.58	343.86	262.8
7	2023-07-01 ~ 20...	7,008,712.72	1,144,621.99	17.32	198.54	151.9
8	2023-08-01 ~ 20...	7,338,666.62	1,201,615.06	19.80	232.25	183.0
9	2023-09-01 ~ 20...	8,076,424.58	1,405,484.49	28.20	215.75	170.9
10	2023-10-01 ~ 20...	6,235,174.78	1,387,048.25	21.08	253.26	
综合能耗 = ∑各能源用能量*折标系数，即每种能源的用能量与其对应的折标系数的乘积之和。						

科顺能源信息化管理平台

CKS energy information management platform

【关键绩效】 Key Performance

- 截至 2023 年末，公司总部及下属公司共计 10 家公司通过 ISO 50001 能源管理体系认证
- 光伏发电量 474500 千瓦时
- 万元产值综合能耗为 0.05215 吨标准煤/万元，同比下降 8.97%

As of the end of 2023,

- 10
- Companies including the headquarters and subsidiaries that have passed the ISO 50001 energy management system certification
- 474,500 kWh

- Photovoltaic power generation capacity
- 0.05215 tce
- Comprehensive energy consumption per RMB 10,000 of output, a YoY decrease of 8.97%

2.2. 推进绿色运营 Promoting Green Operations

我们严格执行《中华人民共和国环境保护法》等各项国家及地方性环保法律法规要求，并在公司内部制定《环保设备设施管理制度》《报建类环安报告内部审核流程及管理办法》《安全、环保应急救援管理制度》等一系列环境管理制度，以完善的制度保障推进公司绿色运营。2023 年，公司未受到政府安全、环保、节能主管部门的任何行政处罚。

We strictly implement the requirements of Chinese environmental protection laws and regulations such as the *Environmental Protection Law* and put together environmental management systems such as the *Management System for Environmental Protection Equipment and Facilities*, *Internal Audit Process and Administrative Measures for Environmental Safety Reports for Construction Projects*, and *Safety and Environmental Protection Emergency Rescue Management System*. These institutionalized policies guarantee the Company's green operations. In 2023, the Company did not receive any administrative penalties from safety, environmental protection, and energy conservation authorities.

2.2.1. 排放物管理 Managing emissions

我们制定《一般工业固体废物/危险废物管理制度》《VOCs 在线监测系统运行维护管理制度》《污水处理管理制度》等一系列制度规范废气、废水及固体废弃物的排放管理，减轻业务运营对于环境生态的影响。

We have formulated systems such as the *General Industrial Solid Waste/Hazardous Waste Management System*, *Operation and Maintenance Management of the VOCs Online Monitoring System*, and the *Sewage Treatment Management System* to standardize the discharge of exhaust, wastewater, and solid waste, and reduce the impact of operations on the environment.

● 废气 Exhaust

公司车间配备烟气处理系统，各类废气经过多道工序规范处理后高空排放；环保设备净化效率能达到 80%，经净化后相关指标远远低于排放标准。同时，公司开展 VOCs 无组织

废气收集处置，共对 30 个沥青卷材配料釜投料口增加侧吸罩，负压引风收集，接入废气总管送入 RTO 焚烧系统处理，既提高 RTO 废气处置浓度，减少天然气消耗量，也减少沥青烟气、非甲烷总烃等污染物的排放。

Equipped with flue gas treatment devices, our factories are capable of processing different kinds of exhaust in multiple steps before discharging them into the air. The purification efficiency of environmental protection equipment reaches 80%, after purification, the relevant indicators are far below the emission standards. Meanwhile, the Company collects and disposes of VOCs by adding negative-pressure suction devices to 30 asphalt roll raw material feeding sides to send the exhaust through the main pipe to the RTO system for treatment. This improves the concentration of RTO waste gas and reduces natural gas consumption as well as pollutants such as asphalt flue gas and total non-methane hydrocarbons.

【关键绩效】 Key Performance

- 氮氧化物排放量 18.14 吨
- 18.14 tons of emissions of nitrogen oxide
- 二氧化硫排放量 2.15 吨
- 2.15 tons of emissions of sulfur dioxide
- 颗粒物排放量 17.72 吨
- 17.72 tons of emissions of particulate matters
- 挥发性有机物排放量 12.387 吨
- 12.387 tons of emissions of volatile organic compound (VOC)
- 非甲烷总烃排放量 12.387 吨
- 12.387 tons of emissions of non-methane hydrocarbon (NMHC)
- 废气排放达标率 100%
- 100%
- Exhaust discharge compliance rate

● 固体废弃物 Solid waste

有害废弃物：公司危废种类主要有卷材废料、废矿物油、废吸油毡、烟气治理污泥、过滤废渣、包装桶、真空废液、废活性炭、干化污泥、废灯管等。公司严格按照国家对危险废弃物的处理规定，对生产过程中产生的废活性炭、废漆渣、废保护膜、废油漆桶、胶桶、废

水处理污泥、含油污泥、废沥青渣、废试剂瓶等危险废弃物进行全流程管控，并最终交由有资质的危废处理公司进行处置。

Hazardous waste: The Company's hazardous waste mainly includes waste rolls, mineral oil, oil-absorbing sheets, flue gas treatment sludge, filtered residue, packaging barrels, vacuum waste liquid, waste activated carbon, dried sludge, waste light tubes, etc. Strictly following Chinese regulations on the treatment of hazardous wastes, we maintain whole-process management of hazardous waste ranging from waste activated carbon, waste paint residue, waste protective films, waste paint buckets, plastic barrels, wastewater treatment sludge, oily sludge, waste asphalt residue, and waste reagent bottles generated in the production process. They are handed over to a qualified hazardous waste treatment company for disposal.

无害废弃物: 公司无害废弃物处理种类主要有废纸板、废木托盘、废包装物等，产生的生活垃圾由当地环卫部门运走。

Non-hazardous waste: The Company's non-hazardous waste mainly includes waste cardboard, wooden pallets, packaging materials, etc. Domestic waste generated is transported by the local sanitation department.

【关键绩效】 Key Performance	
➤	2023 年公司共处理危险废物 1276.857 吨
➤	2023 年公司共处理无害废弃物 2646.20 吨
➤	万元产值危废产生量为 0.00212t/万元，同比下降 9.79%
➤	固废合规处置率 100%
	In 2023,
➤	1,276.857 ton
➤	Hazardous waste processed
➤	2,646.20 ton
➤	Non-hazardous waste processed
➤	0.00212 ton
➤	The amount of hazardous waste generated per RMB 10,000 of output, a year-on-year decrease of 9.79%
➤	100%

➤ Solid waste disposal compliance

● 水资源管理 **Water management**

节约用水：我们通过建立巡视制度，及时发现并更换漏水的龙头和管道，并将污水处理后的废水回用到车间冷却水塔作冷却水循环使用，以节约水资源耗用。

Water conservation: We have established an inspection system to identify and replace leaking faucets and pipes swiftly, and reuse treated wastewater as cooling tower water at the factory to save water consumption.

废水处理：工业废水通过收集池/隔油池+调节+气浮+药剂沉淀+厌氧+好氧+沉淀的方式实现达标排放，生活废水通过收集池进入厌氧+好氧+沉淀的方式实现达标排放。通过以上环保设备处理后，COD 是 20—80mg/L，氨氮在 10mg/L 以下，远远低于排放标准。

Wastewater treatment: Industrial wastewater is discharged as standards require through a process of collection, oil absorption, regulation, air flotation, agent-assisted precipitation, anaerobic and aerobic treatments, and final precipitation. Domestic wastewater is discharged as standards require by being passed into the collection tank, followed by anaerobic and aerobic treatments and precipitation. After being treated by environmental protection equipment, the COD is 20-80mg/L and the ammonia nitrogen is below 10mg/L, far lower than the discharge standard.

【关键绩效】 Key Performance

- 工业废水排放量 33425 吨
- 33,425 tons of discharge of industrial wastewater
- 办公生活废水排放量 1002.75 吨
- 1,002.75 tons of discharge of office and domestic wastewater
- 化学需氧量排放量 1.055 吨
- 1.055 tons of emissions of chemical oxygen demand
- 氨氮排放量 0.624 吨
- 0.624 tons of emissions of ammonia nitrogen
- 废水排放达标率 100%
- 100%
- Wastewater discharge compliance rate
- 万元产值新鲜水消耗量为 0.065527t/万元，同比下降 23.24%

- 0.065527 ton
- The consumption of fresh water per RMB 10,000 of output, a year-on-year decrease of 23.24%

2.2.2. 践行绿色办公 Fostering a green workplace

我们将绿色环保理念融入办公日常，降低办公能耗，节约资源使用，倡导绿色出行，致力于打造环境友好型工作环境。

We practice environmental protection in daily office work by reducing energy and resource consumption and advocating green travel to create an eco-friendly workplace.

节约用电：加强空调、灯具、电器设备、电梯等耗电设备管理，明确空调开启的温度标准和设置温度，精细灯具耗能管控，办公室及公共区域做到“人走灯灭”等。

Electricity saving: We strengthen the management of power-demanding equipment such as air conditioners, lights, appliances, elevators, etc., clarify the temperature standards of air conditioners, micro-manage energy consumption of lights, and require that lights be turned off when people leave offices.

节约用水：公共区域水龙头调节适当水压，避免水压过大，造成水资源浪费，做到“随手关水”“人走水关”，防止“常流水”现象，内部员工参加会议自带水杯。

Water saving: We adjust the water pressure of faucets in the public area to avoid excessive water pressure and water waste. We also require employees to turn off faucets after use and employees to bring their water bottles when attending a meeting.

无纸化办公：提倡无纸化办公，使用电子文件，减少纸张用量；严禁打印、复印与工作无关的文件、证件等；纸张正反两面使用。

Paperless office work: We advocate paperless office work by adopting e-documents to reduce the amount of paper. We prohibit printing documents or certificates that are irrelevant to our work. Paper is required to be printed on both sides.

绿色出行：严格车辆使用申请流程，尽量合并用车，非公司客户接送不得申请使用商务车辆，制定《车辆管理规定》，规范车辆使用和维护。

Green travel: We put in place a strict application process for using Company-owned vehicles and encourage carpooling. Non-customers are not allowed to take commercial vehicles.

We have formulated the *Vehicle Management Regulation* to standardize the use and maintenance of vehicles.

2.2.3. 倡导绿色文化 **Advocating green culture**

通过开展形式多样的环保宣传和公益活动，积极传播绿色生活理念，普及低碳生活方式，提升员工及公众的环保意识，共同守护我们的碧水蓝天。

Through diverse environmental publicity and volunteering activities, we communicate the concept of green and low-carbon lifestyles, enhance the environmental awareness of employees and the public, and jointly protect our beautiful environment.

● 环保宣传 **Environmental publicity**

公司在世界环境日、全国节能宣传周和低碳日开展各类环保宣传活动，通过公司屏幕宣传环保知识、制作海报宣传资料，进行案例分享和互动交流，定期更新环保宣传栏，利用员工班组晨会，宣传环保知识，并制作成微信二维码，让全员参与随机抽答有奖活动，增强员工的环保意识和积极性。

A wide range of environmental publicity events are held on World Environment Day as well as China's National Energy-Saving Publicity Week and Low Carbon Day. We publicize environmental protection knowledge through the Company's screen, make promotional posters, and share cases and experiences. We also regularly update environmental protection columns, educate employees on environmental protection knowledge during morning meetings, and make WeChat QR codes to engage all employees in quizzes for prizes, improving the environmental awareness and enthusiasm of employees.



环境保护日宣传 World Environment Day



全国节能宣传周和低碳日宣传 National

publicity

Energy-Saving Publicity Week and Low
Carbon Day publicity

● **环保公益 Public welfare on environmental protection**

我们将环保理念融入各类活动中，开展公益植树等环保活动，携手利益相关方共同参与到绿色文化实践当中，共建绿色低碳生活。

Integrating environmental protection into various activities, we carry out environmental volunteering such as tree-planting activities and work with stakeholders to practice green culture and pursue a low-carbon life.

【案例】携手经销商开展公益植树活动，积极传播绿色理念

【Case】 Joining hands with dealers to for tree-planting activities to communicate green concepts

7月暑期，“科顺家庭日·沙漠徒步穿越之旅夏令营”在内蒙古腾格里精彩开营，夏令营设置了各类丰富多彩的活动，为经销商与孩子创造共同经历、共同成长的机会，大家穿越腾格里沙漠“绿洲走廊”去见证生命奇迹，在大漠公益林开展公益植树活动，种下“亲子树”，亲手抒写旷野中的意志，共同守护沙漠的绿色生态。

In July 2023, the "CKS Family Day, Desert Trekking Summer Camp" was held in Tengger Desert, Inner Mongolia with various wonderful activities designed for dealers and their children to have shared experiences. They trekked through the Tengger Desert "oasis corridor" where they witnessed the miracle of life, and planted trees in the desert oasis for philanthropic purposes with their children. This was their commitment to jointly safeguarding the ecology of the desert.



【关键绩效】Key Performance

- 员工入职环保知识培训达 100%
- 一年一度固体废物管理人员培训达 100%
- 100%
- Environmental knowledge training for new employees
- 100%
- Coverage of annual solid waste training for personnel

2.3. 拓展绿色业态 Expanding Green Business

我们基于公司业务经营领域，推动绿色工厂建设，积极拓展绿色产品业态，大力发展绿色业务，致力于实现经济效益与环境、社会效益的统一。

Based on our operations, we build green factories and branch out into green products. Our vigorous efforts in green business strive to strike a balance among economic, environmental, and social benefits.

2.3.1. 建设绿色工厂 Building green factories

参照工信部绿色工厂的评审标准，围绕着“厂房集约化、原料无害化、生产洁净化、废物资源化、能源低碳化”的原则，从基础设施、管理体系、能源资源投入、产品、环境排放等方面推动建设绿色工厂。

Referring to the General Principles for the Assessment of Green Factories released by the Ministry of Industry and Information Technology, we adhere to the principles of "compact plants, harmless raw materials, clean production, waste recycling, and low-carbon energy", and build green factories centering around the aspects of infrastructure, management system, energy and resource input, products, and emissions.

自绿色工厂建设项目启动以来，团队收集了大量关于厂区环境和建筑消防等方面的资料，依据“营造绿色环境，守护企业长青”的环境管理方针，建设了内部环境管理体系。工厂内、外环境和厂房布局均按照国家节能设计规范进行了全面升级改造，从车间墙面的节能材料，到绿色环保的办公家具，从 LED 节能照明系统的配置，到厂区绿化长廊的建设，将绿色低碳理念渗透进工厂建设的每一个环节。

Since the green factory project was launched, our team has amassed information on the factory environment and building fire protection. We have put in place an internal environmental management system according to the environmental management policy of "creating a green environment and ensuring sustainability". The factory's internal and external environment and layout have been improved in line with China's energy-saving design specifications. The concept of green and low-carbon factories has been integrated into each link of construction, from energy-saving wall materials, green office furniture, LED energy-saving lights, to the green corridor in the factory area.

【关键绩效】 Key Performance

2023 年度，荆门科顺、重庆科顺、渭南科顺、鞍山科顺获评“国家绿色工厂”

In 2023, Jingmen Keshun, Chongqing Keshun, Weinan Keshun, and Anshan Keshun were awarded the "National Green Factory".

2.3.2. 升级绿色产品 Upgrading green products

我们通过不断创新与改进，推出一系列绿色建材产品和科顺绿洲系统，并不断进行产品升级，持续赋能绿色建筑。

Through continuous innovation and improvement, we have launched a series of green building materials and the CKS Oasis system and upgraded our products to empower green buildings.


● 绿色建材 Green building materials


2023 年我们携手壳牌公司共同研究开发低碳沥青并完成该技术在南通基地的 1 轮中试。此外，公司在绿色节能方向投入大量的人力物力，聚焦开发出了系列的低碳环保型新产品，如低 VOC 非固化防水涂料、非沥青基防水卷材、生物基防水涂料、无胶粉高耐久沥青防水卷材等等。科顺建材产品均通过法国 VOC 检测的最高 A+级认证，绿优系列产品通过美国绿色卫士最高等级认证，为健康、环保、低碳的美好居住空间，提供持久安心保障。


In 2023, we worked with Shell to jointly develop low-carbon asphalt, which had its first-round testing at the Nantong production base. Moreover, the Company invested a lot of human capital and resources to study how to save energy. We have developed a series of low-carbon and eco-friendly products, such as low-VOC non-curing waterproofing coatings, non-asphalt-based waterproofing rolls, bio-based waterproofing coatings, powder-adhesive-free and highly durable asphalt waterproofing rolls, etc. CKS's building materials products have passed the French A+ certification, the highest one for VOC testing, and the Lvyou series has passed the American GREENGUARD Gold Certification, the highest certification, providing worry-free, healthy, eco-friendly, and beautiful living space.

绿色产品类别 Green product category	产品示例 Product	产品介绍 Product description	产品图片 Product picture
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<p>沥青基防水卷材（有胎改性类）</p> <p>Asphalt-based waterproofing rolls (polyester non-woven fabrics with modified asphalt)</p>	<p>APF-600W 湿铺防水卷材</p> <p>APF-600W wet-laid waterproofing rolls</p>	<p>该产品以改性沥青自粘胶为胶黏层、以聚酯胎为增强层，上表面覆可剥离的涂硅隔离膜或聚乙烯防粘膜（PE膜），下表面覆可剥离的涂硅隔离膜所制成，是一种可以湿铺施工的聚酯胎改性沥青防水卷材。施工过程中省去溶剂和燃料，避免了环境污染和消防隐患，节约了资源。</p> <p>The product is based on the modified asphalt self-adhesive layer and reinforced by the polyester layer. Its upper surface is coated with peelable silicon film or polyethylene release film (PE film), and the lower surface is coated with peelable silicon film. It is a polyester-based modified asphalt waterproofing roll.</p>	
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		<p>Solvents and fuels are not necessary during the application process, avoiding environmental pollution and fire hazards and saving resources.</p>	
<p>沥青基防水卷材（无胎改性类） Asphalt-based waterproofing roll (not using polyester non-woven fabrics but with modified asphalt)</p>	<p>APF-3000 压敏反应型自粘高分子防水卷材 APF-3000 pressure-responsive self-adhesive polymer waterproofing roll</p>	<p>以优质石油沥青为基料,添加苯烯-丁二烯-苯乙烯 (SBS)、丁苯橡胶 (SBR)、功能助剂等的聚合改性沥青为涂盖材料,上表面覆交叉层压聚乙烯膜,下表面覆可剥离的涂硅隔离膜所制成高性能、冷施工自粘型防水卷材。产品具有高性能、冷施工特点,能够有效解决因热熔施工带来的环境污染问题。 It is a high-performance, cold-applied self-adhesive waterproofing roll based on high-quality petroleum asphalt and</p>	

		<p>coated by polymer-modified asphalt such as SBS, SBR, and functional additives. Its upper surface is covered with cross-laminated polyethylene film and its lower surface is covered with peelable silicon film. The product is expected to effectively solve the environmental pollution problem caused by hot-applied waterproofing.</p>	
<p>高分子防水卷材（塑料类） Polymer waterproofing roll (plastic)</p>	<p>APF-D200 丁基自粘高分子防水卷材（HDPE） APF-D200 butyl self-adhesive polymer waterproofing roll (HDPE)</p>	<p>主要由丁基橡胶、HDPE 片材作为主体材料。丁基橡胶是一种新型非沥青环保高性能胶料，具备很好的气密性和水密性，相比其他胶层更耐久；主体片材 HDPE 片材强度大，抗穿刺性能好，耐腐蚀性能优异；产品 0 沥青 0 污染，冷施工安全环</p>	

		<p>保。</p> <p>The product is mainly made of butyl rubber and HDPE sheets. Butyl rubber is a new type of non-asphalt eco-friendly high-performance rubber recognized for its air and water tightness. It is more durable than other adhesive layers. The main part, HDPE sheets, has high strength, puncture resistance, and corrosion resistance. The product contains zero asphalt and produces zero pollution. It is cold-applied, safe, and eco-friendly.</p>	
<p>高固含量型 防水涂料 High-solids waterproofing coatings</p>	<p>KS-969 饮用水专用单组分聚氨酯防水涂料 KS-969 one-component polyurethane</p>	<p>是一款专门针对长期浸水工程开发的专用防水涂料产品，通过施工后与空气中的湿气接触，触发体系内封闭固化剂，从而固化成</p>	

	<p>waterproof coating for drinking water</p>	<p>膜，属于高环保的无溶剂型聚氨酯防水涂料。产品不含三苯等有害溶剂，一定程度上能避免在地下和室内防水工程中因防水涂料与饮用水的输配水管道接触或相邻的相容性而导致水源污染，满足我国针对饮用水卫生相关防护材料的规定。</p> <p>As a special waterproof coating developed for long-term water immersion engineering, KS-969 is an eco-friendly solvent-free polyurethane waterproof coating. When exposed to moisture in the air after construction, it can trigger the sealed curing agent to form a film. The product does not contain harmful solvents such as benzene, toluene, and xylene, which to some extent</p>	
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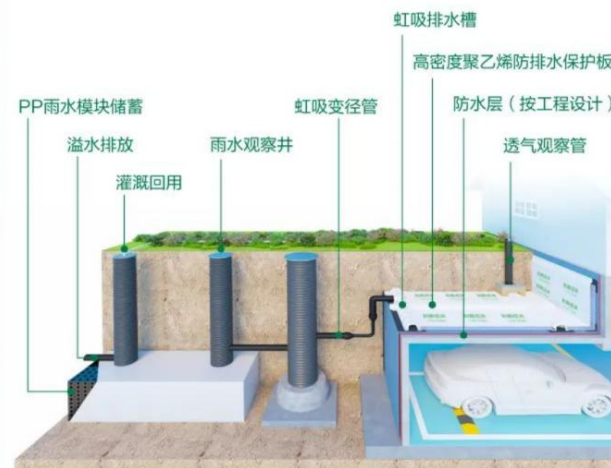
		<p>avoids water pollution caused by the exposure of water pipelines to waterproof coatings or adjacent incompatibility in underground and indoor waterproof projects and meets China's regulations on drinking water protective materials.</p>	
<p>水性防水涂料 Waterborne waterproofing coatings</p>	<p>KS-168N 耐水型聚合物水泥防水涂料 KS-168N water-resistant polymer cement waterproofing coating</p>	<p>采用特殊耐水乳液，辅以特殊功能性助剂制备而成，耐水性能优异，拉伸强度高，既适用于长期浸水环境，也可用于地下建筑空间的防水处理是一款兼具专业性与多用途的高性能双组分水性防水涂料。</p> <p>It is made of a special water-resistant emulsion, supplemented by special functional additives, with excellent water resistance and high tensile strength,</p>	

		<p>making it suitable for lasting immersion. It can be used for waterproofing underground spaces as a versatile and specialized high-performance two-component waterproofing coating.</p>	
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● **科顺绿洲 3.0 CKS Oasis 3.0**

我们针对项目场景的个性化应用，开发配套的专利技术产品，实现智能互联、因地制宜、灵活多变的技术叠加，持续赋能绿色建筑和海绵城市建设。2023 年，聚焦客户体验与管理效益，科顺绿洲雨水管理系统 3.0 焕新升级，系统升级后，可实现电脑端和手机端的雨水实时液位、流量、流速及水质监控，解决异型建筑顶板或屋面的排水需求；虹吸式排水槽双向伸缩，施工更便捷；虹吸式点渗透装置可缓解地表径流压力，综合提升系统排水效率。

We develop patented scenario-based technology for individual projects to achieve smart connectivity, adaptability, and flexibility, empowering green buildings and sponge cities. In 2023, based on customer experience and management efficiency, we upgraded the CKS Oasis Rainwater Management System 3.0, which could monitor real-time rainwater level, flow, flow rate, and water quality on computers and mobile phones and meet the drainage needs of roofs of irregular buildings. Its siphonic drainage can be expanded in both directions, making construction more convenient, and the siphonic outlet infiltration device can relieve the pressure of surface water and improve overall drainage efficiency.



系统构造图 Design blueprint

2.3.3. 构建绿色供应链 Establishing a green supply chain

绿色供应链管理企业是指在产品的设计、原材料采购、生产、运输、储存、销售、使用和报废处理的全过程中，将环境保护和资源节约的理念融入企业运营，以实现经济活动与环境保护相协调的上下游供应关系的企业。作为领先的建筑防水品牌企业，我们一直致力为全球用户打造安全、便捷的绿色能源解决方案，积极探索生产、运营环节的绿色低碳路径，同时通过绿色产品的研发和绿色产线的打造，构建一个从内到外、从生产制造到终端产品的绿色低碳价值链。

Green supply chain management enterprises refer to enterprises that integrate the concept of environmental protection and resource conservation throughout product design, raw material procurement, production, transportation, storage, sales, use, and disposal. They aim to coordinate economic activities and environmental protection throughout the supply chain. As a leading building waterproofing brand, we have been committed to creating safe and convenient green energy solutions for global users. For this, we experiment with green and low-carbon production and operation. Meanwhile, from the R&D of green products and the creation of green production lines, we foster a completely green and low-carbon value chain starting from manufacturing to final products.



【关键绩效】 Key Performance

2023 年度，工业和信息化部为科顺股份颁发“国家绿色供应链管理企业”

In 2023, the Ministry of Industry and Information Technology awarded CSK the "National Green Supply Chain Management Enterprise"

2.3.4. 布局绿色业务 Branching out into green business

在能源转型与光伏产业迅速发展的当下，我们凭借建筑防水领航企业的专业领先技术，实力打造光伏屋面防水系统及配套产品，推出「科顺新蓝天」光伏屋面系统、光伏一体化支座、屋面光伏安装综合解决方案等技术产品及系统方案，解决光伏建筑屋面各类防水痛点，守护美好光伏发展。

Against the rapidly evolving energy transition and photovoltaic industry, we leverage our technology expertise as a building waterproofing leader to build solar roof waterproofing systems and supporting products. Technical products and solutions such as "CKS New Blue Sky" solar roof system, integrated bearing, and installation integrated solutions are developed to solve various waterproofing challenges of photovoltaic roofs and support the development of the photovoltaic industry.

我们开发推出的建筑屋面光伏防水一体化产品和解决方案中应用的高分子防水技术产品——TPO，其耐老化、热老化性能远超国标 3 倍以上，耐酸碱盐处理性能保持率接近 100%，产品耐久度充分满足光伏屋面设计使用寿命年限，能够延缓屋顶衰老，极大降低翻新成本。在产品应用上，TPO 的阳光反射率达 78%，更具备施工性能优良、效率高的优势，为光伏屋面提供全面性保障。

We have developed and launched the polymer waterproofing product, TPO, applied in solar roof waterproofing. Its weather resistance and heat aging performance far exceed the national standard by more than three times, and its acid and alkali resistance maintains at close to 100%. Its durability meets the service life of solar roofs, delays roof aging, and slashes renovation costs. In terms of product application, TPO's sunlight reflectivity reaches 78% . It can be properly applied and highly efficient, providing comprehensive protection for solar roofs.

【案例】 分布式发电光伏项目助力航空产业基地绿色运营

【Case】 A distributed solar PV project supports the green operation of an aviation base

中航通飞分布式发电光伏项目位于广东珠海，属我国亚热带气候区，太阳总辐射年总量超过 4600MJ/m²，太阳能资源丰富，光伏系统安装条件优良。与此同时，珠海地区毗邻南海，雨量充足，夏季台风高发，因此客户强烈要求光伏安装系统能抵抗 14 级及以上台风。要保障防水与光伏系统同寿命，必须实现屋面抗风揭、防水密封、材料耐高温老化、支座连接稳定等需求。在项目建设过程中，中航通飞与科顺股份注重新材料、新工艺、新技术的应用，特别在焊接式重型光伏支座、新型支架、太阳能光伏板安装等，全面实现高效、创新。光伏电站建成后，中航通飞厂区整体能耗水平和运营压力将能有效降低，获得十分可观的经济和社会效益。

Located in Zhuhai, Guangdong, a subtropical area, the distributed solar PV project of China Aviation Industry General Aircraft Co., Ltd. benefits from the city's abundant solar resources up to over 4600MJ/m² of radiation energy, creating favorable conditions for solar PV installation. However, given its adjacency to the South China Sea, Zhuhai is prone to substantial rainfall and frequent typhoons in summer. That was why the owner strongly demanded that the solar PV system should be able to withstand typhoons. Waterproofing should be as durable as the solar PV system and the roof should resist wind, water penetration, and high temperatures, with a stable bearing. When building the project, China Aviation Industry General Aircraft Co., Ltd. and CKS applied new materials, processes, and technologies, such as installing welded heavy photovoltaic bearings, new brackets, and solar panels efficiently and innovatively. After the completion of the solar PV station, the overall energy consumption and operating pressure of the China Aviation Industry General Aircraft Co., Ltd.'s factory would be effectively reduced, generating considerable economic and social benefits.



中航通飞航空产业基地光伏屋面

Solar roof of the aviation industry of China Aviation Industry General Aircraft Co., Ltd.

【责任竞争力探寻】 Responsible Competitiveness Highlight

构建绿色生产体系，助力“双碳”目标实现

Establishing a green production system to serve China's 30•60 Decarbonization Goal

科顺秉持“与人类美好建筑共百年”的企业愿景，积极响应“双碳”发展目标，佛山科顺生产基地大力推动环保设备升级改造，以数字化赋能精益生产和能耗管理，优化能源结构，践行绿色生产和绿色生活，逐步构建绿色生产体系，为“双碳目标”实现贡献自身力量。

Guided by our vision of "developing time-honored buildings for mankind" and in response to China's 30•60 Decarbonization Goal, the Foshan Keshun production base vigorously upgrades environmental protection equipment, digitalizes lean production and energy consumption management, and optimizes the energy structure. It also practices green production and lifestyles and institutionalizes a green production system to contribute to China's 30•60 Decarbonization Goal.

环保设备升级改造：蓄热式催化燃烧处理设备借助催化剂在低温条件下实现对有机物的完全氧化，可将废气中的 VOCs 浓度降低至 95% 以上，满足排放需求，同时可实现热量的高效回收，节约能耗；RTO 蓄热式焚烧炉采用天然气直接焚烧有机废气，在高温状态下将有机分子中的 C.H 分解为无害的 CO₂ 和 H₂O，达到排放标准，同时充分回收热能降低能耗；

对围蔽进行加固密封改进，减少废气无组织排放。

Environmental protection equipment upgrade: RCO equipment can completely oxidize organic matter under low temperatures with the help of catalysts, which can reduce the concentration of exhaust VOCs to 95%, meeting the standard of emissions while efficiently collecting heat to save energy consumption. The RTO equipment burns organic waste gas using natural gas at high temperatures, generating harmless CO₂ and H₂O which meet emission standards. Heat is fully recovered to reduce energy consumption. The enclosure is reinforced to prevent exhaust from running away.

数字化转型升级: MOM 制造运营管理系统可以通过生产作业流程全局的可视化、实时化，物料的流程化、精益化、数字化，依赖工业互联网平台实现生产全流程无纸化；能源管理系统通过能源计划、能源监控、能源统计、能源消费分析、重点能耗设备管理、能源计量设备管理等多种手段，使企业管理者对企业的能源成本比重，发展趋势有准确地掌握，并将能源消费计划任务分解到各个生产部门车间，使节能工作责任更加明确。

Digitalization: The manufacturing operations management (MOM) system visualizes production and tracks raw materials throughout the whole process in a real-time, lean, and digital manner, realizing paperless manufacturing through the industrial Internet platform. The energy management system combines energy planning, monitoring, statistics, analyses, and the management of key energy-demanding equipment and energy metering equipment so that the management is keenly aware of the proportion of energy costs and development trends. Energy consumption tasks are assigned to each production department to clarify the responsibility for energy conservation.

使用清洁能源: 发展绿色能源，布局光伏发电系统，为生产注入清洁能源，减少碳排放量。截至 2023 年末，光伏发电项目累计全年发电量 11.10 万度，节约标准煤 44.79 吨，减少碳排放量 53.29 吨，相当于种植 73 棵树，未来预计每年可发电 50 万度，每年节约标准煤 220 吨。

Clean energy use: Foshan Keshun develops green energy and solar PV systems and adopts clean energy in production to reduce carbon emissions. By the end of 2023, the cumulative annual capacity of our solar PVE project had reached 111,000 kWh, reducing energy consumption by

44.79 tce and carbon emissions by 53.29 tCO₂e, which was equivalent to planting 73 trees. It is expected to generate 500,000 kWh of electricity per year and save 220 tce in the future.

践行绿色环保主义：提升绿植覆盖率，保持良好生态，打造花园式工厂；每周组织员工清理工厂周边垃圾，维护绿植，培养员工环保意识；践行勤俭节约、循环利用的环保理念，例如采用密封袋和 PE 袋替代质检检测留样使用的白胶罐和涂金罐，达到循环利用的效果，有效减少危废处理量。

Green environmentalism: Foshan Keshun improves the coverage of green plants and maintains a good environment to build a garden-styled factory. Employees are organized to clean up the garbage nearby every week and maintain the landscaping to cultivate their awareness of environmental protection. The environmental protection concept of saving and recycling is practiced, such as using sealed bags and PE bags instead of white plastic cans and gold-coated cans used for quality inspection and testing. This served the purpose of recycling and effectively reduced the amount of hazardous waste needed to be treated.

通过上述一系列举措，佛山科顺实现环境效益与经济效益“双赢”。2023 年，佛山科顺单位产值综合能耗同比去年下降 4.6%；危废处理量显著下降，环境保护费同比去年下降 70%；RTO 蓄热式焚烧炉应用后，年减排废油泥 100 吨，合计产生经济效益 49.5 万/年。

The above measures enable Foshan Keshun to achieve both environmental and economic benefits. In 2023, the comprehensive energy consumption per unit of output of Foshan Keshun decreased by 4.6% year-on-year, its amount of hazardous waste treatment dropped significantly, and its environmental protection fees decreased by 70%. After the application of the RTO system, annual waste oil sludge was reduced by 100 tons, generating economic benefits up to RMB 495,000 each year.

关键绩效：佛山科顺被授予绿色环保优秀企业、安全生产标准化三级企业。

Key performance: Foshan Keshun has been recognized as an excellent green environmental protection enterprise and third-level enterprise of work safety standardization.



佛山科顺生产基地屋顶分布式光伏项目

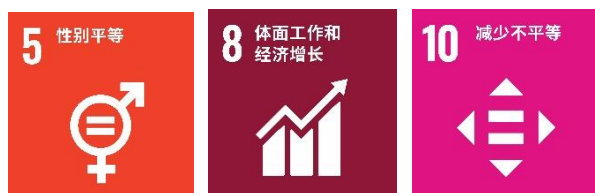
The rooftop distributed solar PV project of Foshan Keshun production base

3. 守护英才——营造幸福职场 **Supporting Talent: Fostering a Positive Workplace**

员工是企业发展的基石，员工的创造力是企业发展的不竭动力。科顺秉持“与长期同行者共创共享”的核心价值观，尊重和保护员工的合法权益，不断完善员工管理机制和培养体系，畅通员工成长发展通道，进一步推动建立公正合理、互利共赢、和谐稳定的劳动关系。

Employees are the cornerstone of enterprise development, and their creativity serves as the driving force for progress. Adhering to the mission of “safeguarding wonderful life with lasting buildings”, CKS protects employees’ lawful rights and continuously enhances employee management mechanisms and training systems to facilitate smooth pathways for employee growth. These efforts further promote the building of fair and equitable, mutually beneficial and harmonious labor relations.

响应联合国可持续发展目标 Contributions to UN SDGs



【关键绩效】 Key performance

- 员工总人数 3854 人
- 3854 employees in total
- 员工社会保险覆盖率 99.73%
- 99.73% of employee social insurance coverage rate
- 员工职业病比率 0%
- 0% of employee occupational disease rate

3.1. 保障员工权益 Employee Rights

科顺坚持以人为本，建立健全完善的薪酬制度与福利体系，持续加强民主管理建设，保障员工的知情权、参与权、表达权与监督权，加强员工职业健康管理，切实保障员工的合法权益。

Holding fast to the people-oriented principle, CKS has established a robust compensation and welfare system. We continue to enhance democratic management, ensure employees' right to information, participation, expression and supervision, and strengthen the management of employee occupational health to safeguard their lawful rights.

3.1.1. 平等雇佣 Equal Employment

我们遵守《中华人民共和国劳动法》等相关法律制度，坚持贯彻平等、非歧视的用工政策，保障残障人士及少数民族权益，禁止雇用童工与强制劳动。我们坚持反歧视与反骚扰的原则，在《员工手册》中明确规定，对女性员工进行性骚扰，属于严重违纪行为，公司将依照规定进行惩处。同时，我们制定《劳动风险内部管理制度》，规定招聘广告不能包含地域、民族、性别、宗教等歧视性条款。我们通过校园招聘、社会招聘、内部竞聘、内部推荐等多样化渠道吸纳人才，建立公平、公正、公开的选人用人机制，努力打造具备多样性及包容性的职场环境。

Complying with the Labor Law of the People's Republic of China and other laws and regulations, we continue to implement equal and non-discriminatory employment policies to protect the lawful rights of the disabled and ethnic minorities and prohibit child labor and forced labor. Upholding anti-discrimination and anti-harassment principles, we emphasize in our employee handbook that sexual harassment towards female employees is a severe disciplinary violation subject to appropriate actions as per regulations. Our Internal Management Policy of Labor Risks specifies that job advertisements must not contain discriminatory clauses based on geography, ethnicity, gender, religion, etc. We gather versatile talents through various recruitment channels including campus recruitment, social recruitment, internal competition, and internal recommendations. Our goal is to establish a fair and transparent selection and employment mechanism, fostering a diverse and inclusive workplace.

【关键绩效】 Key Performance

- 员工劳动合同签订率 100%
- 100% Employee labor contract signing rate
- 新招聘员工人数 1309 人
- 1309 new employees
- 吸纳应届毕业生就业 72 人
- 72 hires of fresh graduates in 2023
- 残障人士雇佣人数 23 人
- 23 employees with disabilities
- 少数民族员工雇佣人数 70 人
- 70 minority employees
- 关键人才流失率 3.12%
- 3.12% critical employee turnover rate
- 员工主动离职率 23.3%
- 23.3% employee voluntary turnover rate
- 初级及以上管理岗位的女性比例为 20.58%
- 20.58% proportion of female in junior and above management positions
- 初级管理职位中女性比例 22%
- 22% proportion of female in junior management positions
- 高管女性比例为 18%
- 18% proportion of female executives
- 在创收职能部门担任管理职位的女性比例 25%
- 25% proportion of women holding management positions in revenue generating departments
- 担任 stem（科学、技术、工程、数学）相关职位的女性比例 25%
- 25% proportion of women holding STEM-related positions
- 员工误工率 8.22%
- 8.22% employee absenteeism rate

2023 年员工构成 2023 Staff composition		
员工构成 Staff composition		单位 (人) Unit (person)
按性别分 By gender	女性 Female	949
	男性 Male	2905
按人员类型分 By rank	高层 Senior	102
	中层 Middle	347
	基层 Junior	1035
	普通员工 Ordinary	2370

按学历分 By educational background	高中及以下 High school or lower	819
	大专 Junior college	1511
	本科 Bachelor's degree	1456
	硕士及以上 Master's degree or higher	68
按地区分 By region	华南 South China	1629
	华中 Central China	327
	华北 North China	307
	华东 East China	916
	西北 Northwest China	152
	西南 Southwest China	417
	东北 Northeast China	106
	港澳台及国外 Hong Kong, Macao, Taiwan, and overseas	0
按年龄分 By age groups	30 岁及以下 30 years old or younger	4
	31-40 岁 31-40 years old	2051
	41-50 岁 41-50 years old	441
	51 岁及以上 51 years old or older	68
按民族分 By ethnicity	汉族 Han	95.2%
	壮族 Zhuang	1.3%
	土家族 Tujia	1%
	满族 Manchu	0.5%
	其他少数民族 Other ethnic minorities	2%

3.1.2. 薪酬福利 Compensation and benefits

公司建立成熟的保险制度体系，为员工提供专项福利，全方位保障员工权益，持续优化公司薪酬激励体系，逐步建立多元化、中长期激励机制，为员工提供具有竞争力的薪酬，实现公司与员工利益共享，互惠互利。

We have implemented a comprehensive insurance system to provide employees with special benefits and protect their rights. We continue to refine the salary incentive structure and strive to develop a diversified, medium- and long-term incentive program. Through these efforts, we aim to offer competitive compensation packages to employees, fostering a shared interest model that benefits both the company and our workforce.

● **薪酬管理 Compensation management**

持续完善公司薪酬管理制度，坚持薪酬与岗位、绩效紧密挂钩，基于各岗位的工作产出价值与胜任能力要求，制定各职级岗位的薪酬，鼓励、驱动员工通过持续的价值创造和能力提升，从而实现个人薪酬增长。

We continue to enhance our remuneration management policy in which the wage scale varies from position to performance. Our remuneration framework for each position is determined by the value of work output and competency, aiming to incentivize and motivate employees to achieve personal compensation growth through continuous value creation and skills enhancement.

● **福利保障 Welfare and benefits**

法定福利：我们严格遵守国家和地方政府法律法规要求，为全体员工提供五险一金、法定节假日、高温补贴等基本保障性福利。

Statutory benefits: We strictly adhere to the national and local government laws and regulations, ensuring that all employees receive basic security benefits such as five social insurances and one housing fund, statutory holidays, and high-temperature subsidies.

通用福利：我们扎实做好员工福利保障，为员工提供身体健康检查、伙食补助、住宿补贴、探亲津贴、节日津贴、带薪旅游休假及津贴等多样化通用福利，提高员工工作幸福感与获得感。

General benefits: We prioritize employee welfare by offering a range of general benefits, including health checkups, meal subsidies, accommodation subsidies, family visit allowances, holiday allowances, and paid travel vacations. These benefits are designed to enhance employees' well-being, overall satisfaction, and their engagement at work.

3.1.3. 民主管理 Democratic management

公司积极构建多维度沟通渠道，打造尊重、信任的企业文化，通过设立总裁信箱、开展

员工座谈会、绩效面谈会、发布《科顺人》内刊、组织旅游、各项文化活动等形式与员工积极沟通，并对员工意见及时采取改善措施，以实际行动保障员工民主权利，让员工感受到企业的尊重和关爱。

We actively build multi-dimensional communication channels to foster a corporate culture based on respect and trust. We listen to the voices of interested parties and employees and take actions by setting up the President's Box, carrying out employee symposiums and performance meetings, publishing the internal Journal of CKSer as well as organizing tourisms and various cultural activities. Through these activities, we strive to safeguard their democratic rights and ensure that they feel respected and valued within the Company.

3.1.4. 职业健康 Occupational health

我们重视员工职业健康，严格遵守《中华人民共和国安全生产法》《中华人民共和国职业病防治法》《科顺职业卫生管理制度》等内外部法规要求，不断加强职业健康与安全生产基础建设，开展广泛宣传教育，提升职业病防控水平及员工职业健康意识。

We attach importance to the occupational health of our employees. Adhering to the regulations in the Work Safety Law of the People's Republic of China, the Law of the People's Republic of China on Prevention and Control of Occupational Diseases, and the CKS Occupational Health Management Policy among other relevant guidelines, we continue to enhance our occupational health and work safety practices. For example, we conduct educational programs to elevate the prevention and control of occupational diseases and promote a strong awareness of occupational health among our employees.

改善劳动条件：公司坚持以员工健康为中心，以治理粉尘、化学毒物、噪声超标等为主要任务，改善工作场所劳动条件，并对作业现场开展职业危害因素监测，工作场所职业病危害因素监测合格率 100%，从源头控制和减少职业病危害。

Improvement of labor conditions: Prioritizing employees' health, we focus on managing dust, chemical hazards, and excessive noise to enhance labor conditions in the workplace. We also conducted the detection of occupational diseases in workplaces and achieved a 100% pass rate to control and mitigate the risks of occupational diseases at the source.



作业场所职业危害因素检测
Detection of occupational hazards in workplaces

职业健康检查：公司每年定期对接触职业病危害因素岗位员工开展岗中职业健康检查，对新员工开展岗前职业健康检查，对离职员工开展离岗职业健康检查，有效预防职业病，保证劳动者身体健康。

Occupational health screening: We conduct regular on-the-job occupational health screenings for employees in positions exposed to hazards related to occupational diseases, pre-employment screenings for new hires, and off-the-job screenings for departed employees. These measures aim to prevent occupational diseases and safeguard the health of our workforce.



职业健康检查
Occupational health screening

心理关怀：公司按照《中华人民共和国安全生产法》第四十四条“生产经营单位应当关注从业人员的身体、心理状况和行为习惯，加强对从业人员的心理疏导、精神慰藉”要求，利用班前班后会、中秋团圆、夏日送清凉等对员工开展心理关怀。

Employee care: In compliance with Article 44 of the Work Safety Law of the People's Republic of China, which emphasizes the importance of monitoring the physical and mental well-being of employees, as well as providing psychological support and emotional comfort, we show our care for employees through pre-shift and post-shift meetings, mid-autumn reunions, and bring coolness activity in summer.



中心领导班前会向一线员工心理疏导

Team leaders provide psychological support to the front-line employees during the pre-shift meeting

3.2. 重视员工发展 Valuing Employee Development

我们建立完善的制度与平台供员工发展，提供有针对性的技能提高培训，加强队伍建设，努力为员工提供实现自我价值和拓展事业发展的空间，有力促进员工的专业能力提升。

We developed comprehensive policies and platforms for employee development. We offer targeted training, strengthen team building, and create opportunities for employees to realize their full potential, advance their careers, and enhance their professional abilities.

3.2.1. 员工培训 Employee training

我们重视员工培养与发展，优化平台整合资源，针对不同类型员工开展培训，着力提升员工综合素质。

We attach importance to employee training and development. We optimize platforms and integrate resources to provide training for various types of employees, aiming to enhance the overall quality of our workforce.

梯队培养：持续开展面向基层的常青藤科班生、青干班、青蓝计划等培训项目，开展面向管理层的深根计划、领航计划等培训项目，总开展 7 期，覆盖 858 人。

Talent training: We carried out training programs such as the Ivy League Program, Youth Talent Class Program, and Youth Program for primary-level employees, as well as Advance Programs and Pilot Programs for management-level employees, with a total of 7 phases covering 858 employees.

专项赋能：为营销、生产、职能等不同岗位员工开展如企业文化、环保安全、营销财务、供应链等专项赋能培训项目，总开展 25 期，覆盖 1302 人。

Specialized training: We provided specialized training programs focusing on areas such as environmental protection and safety, marketing and finance, and supply chain management for employees in various positions including marketing, production, and support functions. In total, 25 sessions were conducted, covering 1,302 employees.



未来领袖计划总监班

Future Leaders Program (Director Workshop)



深根计划基层管理干部专项班

Advance Program (special workshop for primary-level management)

【关键绩效】 Key performance
➤ 培训员工数量 39858 人次
➤ 39,858 training employees
➤ 员工培训投入金额 258 万元
➤ RMB 2.58 million investment in employee training
➤ 新入职员工培训率 100%
➤ 100% training rate for new hires
➤ 员工培训平均支出 671 元/人/年
➤ RMB 671/person/year average expenditure of employee training

员工培训数据 Employee training data		员工培训覆盖率/% Employee training coverage	员工人均培训时间/小时 Training hours per employee
按性别分 By gender	女性 Female	91	14.57
	男性 Male	88.9	15.32
按人员类型分 By rank	高层 Senior executive	75	24.5
	中层 Middle-level executive	86.1	10.93
	基层 Junior	100	12.9

	普通员工 Ordinary	99.8	16.23
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3.2.2. 职业发展 Career development

我们积极支持员工职业发展，加强人才梯队建设，完善绩效考核机制，赋能员工成长，畅通员工晋升发展通道，为员工实现自我价值和梦想提供坚实支持。

We support the career development of our employees by enhancing talent development, refining performance assessment mechanism, empowering employee growth, and unblocking employee promotion channels to help employees achieve their values and aspirations.

● 构建人才梯队 Talent development

持续完善公司《招聘管理制度》，制定《公司年度招聘计划》，规范招聘流程；通过企业官网、OA 公告、“科顺招聘”公众号等官方平台发布招聘信息，拓宽招聘渠道；加强优秀人才的选拔，2023 年吸纳应届毕业生就业人数 72 人，共招聘新员工 1309 人。

We have improved the *Recruitment Management Policy* and formulated the *CKS Annual Recruitment Plan* to standardize the recruitment process. Our recruitment information is disseminated through our official website, OA bulletin, and the WeChat official account "CKS Recruitment" to expand our recruitment channels. We also placed a stronger focus on selecting exceptional talent, resulting in the recruitment of 1,309 new employees in 2023, including 72 new fresh graduates.

● 完善晋升通道 Promotion Chanel

根据工作性质，在集团建立员工职业生涯“四通道”发展体系，即 M 管理通道、P 专业通道、O 操作通道、S 辅助通道，为员工提供多渠道晋升通道，有效调动员工积极性；优先选拔具备一线岗位工作经历或轮岗经验的员工，优先选拔在艰苦地区开拓奋斗的员工，优先选拔具备创新变革能力的员工，为价值创造者提供更多机会。

Based on different positions, we have established a “four-channel” employee career development system, as in the M (management) channel, P (professional) channel, O (operation) channel, and S (secondary) channel, providing multiple promotion channels to boost employee enthusiasm. To provide more opportunities for employees, we prioritize the selection of individuals with experience in frontline or rotational positions, those who excelled in challenging

environments, and those with a knack for innovation and change.

● **强化绩效考核 Performance assessment**

持续优化绩效考核机制，在组织绩效考核方面，从财务层面、客户层面、内部运营、学习成长以及社会责任等方面进行综合考量，评估周期每年一次，并在半年度进行跟踪回顾。在员工绩效考核方面，主要关注关键业绩指标 KPI、年度关键词指标、能力发展目标以及红线类指标，评估周期每季度一次，不断优化人才结构。

We continue to refine our performance assessment mechanism. For organizational performance assessment, we take into account financial performance, customer satisfaction, internal processes, employee growth, as well as social responsibility. The assessments occur annually with tracking and reviews conducted semi-annually. Employee performance assessment focuses on KPIs, annual objectives, competency development goals, and red-line performance standards, with quarterly assessments aimed at improving our talent pool.

● **支持员工提升学历 Educational support**

制定《员工继续教育（学历）提升管理办法》，对有意提升学历的员工给予一定程度的学费补贴，设立高中升大专、大专升本科、本科升研究生三档补贴标准，与员工岗位不相关专业可获补贴 1000~10000 元/人/年，与岗位相关可获补贴 2000~10000/人/年，自考员工拿到毕业证后，可申请报销学费的 70%~80%，切实减轻员工经济负担，助力员工个人发展。

We developed the *Administrative Regulations on Employee Continuing Education* to encourage employees to enhance their academic qualifications through tuition subsidies. Three subsidy standards were put in place, high school to college, college to undergraduate, and undergraduate to postgraduate. Employees in positions unrelated to their field can receive subsidies ranging from RMB 1,000 to 10,000 per person per year, while those in job-related positions can receive subsidies ranging from RMB 2,000 to 10,000 per person per year. Employees pursuing self-study can apply for a reimbursement of 70% to 80% of the tuition fees after acquiring a graduation certificate. This initiative effectively alleviates the financial burden on employees and supports their personal development.

	文件名称	员工继续教育（学历）提升管理办法		
	文件编号	KSZ24-C-GL-06	版本	A2
	生效日期	2023年2月28日	页码	第4页共6页

受控文件

5.2 申报条件及补贴

申报资格	报名人数	学费补贴	
		与员工岗位不相关专业的学费补贴	与员工岗位相关专业的学费补贴
1、入职时间满1年及以上； 2、自愿签订《员工培训协议书》； 3、无重大违纪行为；	根据公司年度战略规划及费用预算，确定集团报名人数	<p>> 非自考按学制取整报销</p> ①高中升大专：1000元/人/年； ②大专升本科：2000元/人/年； ③本科升研究生：10000元/人/年。 <p>> 自考按比例报销</p> 自考员工拿到毕业证后，可申请报销学费70%	<p>> 按学制取整报销</p> ①高中升大专：2000元/人/年； ②大专升本科：3000元/人/年； ③本科升研究生：10000元/人/年。 <p>> 自考按比例报销</p> 自考员工拿到毕业证后，可申请报销学费80%
注：①如学费低于补贴费用，按实际产生费用报销； ②与岗位相关专业是指符合岗位所需专业知识与技能，具有一定分析、钻研、提升的学科门类。如财务岗报名会计专业、人力岗报名人力资源管理专业、行政岗报名行政管理或公共事务管理专业、研发岗报名化工专业等。（具体区分可在报名前与科顺学院沟通）			

学历提升制度文件 Educational support policy

【关键绩效】 Key performance

- 内部候选人（内部员工）填补空缺职位的 7.5%
- 7.5% vacant positions filled by internal employees
- 平均招聘成本 330 元/人
- RMB330/person average recruitment cost

3.3. 关爱员工生活 Employee care

我们切实推进以人为本、关爱互助的企业文化建设，完善公司各项福利，组织形式多样的文体活动，从精神上与物质上让员工感受到人文关怀。

We strive to foster a corporate culture that prioritizes a people-oriented approach, care, and support. We continue to enhance our benefit policy and organize a range of cultural and sports activities to ensure that employees feel valued both spiritually and materially.

● 关爱困难员工 Caring for employees in need

设立员工关爱互助基金，对因灾难、意外伤害、重大疾病等造成经济困难的员工及其家庭给予资金补助，2023 年度员工关爱互助基金申请人数共 12 人，年度累计关爱援助金额为 11.5 万元。

We set up the Employee Care Mutual Fund to assist employees and their families facing financial challenges due to such circumstances as natural disasters, accidental injuries, and major illnesses. In 2023, there were 12 applicants for the fund, and the total amount of support reached

RMB 115,000.

● **丰富员工生活 Enriching employee life**

举行“一起趣奋斗”科顺文化节，涵盖足球、篮球、羽毛球、乒乓球、桌球等体育竞技，以及电竞游戏、摄影等文化赛事，倡导健康、传递奋斗者精神。定期组织如射击、垂钓活动、烘焙制作、帆布包扎染、围炉煮茶等团建活动，丰富员工日常生活，活动平均满意度 9.8 分。

We organize the “Strive Together” cultural festival, featuring sports competitions like soccer, basketball, badminton, table tennis, and billiards along with cultural events such as gaming and photography. This cultural event aims to promote health and the spirit of hard work. Additionally, we regularly arrange team-building activities such as shooting, fishing, baking, canvas bag dyeing, and tea making to enhance the daily experience of employees. These events have yielded a high average satisfaction rate of 9.8 points.



文化节开幕式 Opening ceremony of the cultural festival



篮球比赛 Basketball game



烘焙制作活动 Baking activity



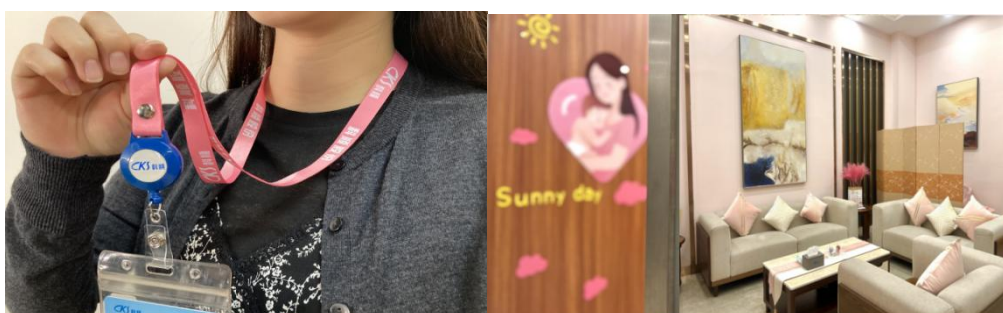
围炉煮茶活动 Tea making activity

● **关爱女性员工 Women care**

推出特有的“粉色关爱”系列活动，给予孕期及需特殊照顾的员工佩戴“粉色工牌”，享受专设的 VIP 停车位、优先乘坐电梯、饭堂取餐免排队等一系列暖心待遇。建有粉色“爱心妈妈小屋”用于孕期和哺乳期员工使用，开展妇幼健康讲座、科顺女神节、母亲节等系列

文化活动，增强公司女职工的获得感、幸福感、安全感。

We have launched the "Pink Care" program, which involves providing pregnant employees and those in need of special care with pink badges and special treatment such as VIP parking spaces, priority elevator access, and expedited cafeteria service. Furthermore, we have built a pink maternal room for pregnant and breastfeeding employees and organized cultural events such as maternal and child health lectures and celebrations on CKS Women's Day and Mother's Day. These activities aim to enhance the sense of gain, happiness, and security of our female employees.



粉色工牌 Pink badge

爱心妈妈小屋 Pink maternal room

【责任竞争力探寻】 Responsible Competitiveness Highlight

以人为本：科顺管理培训生计划

CKS management trainee program with people-oriented philosophy

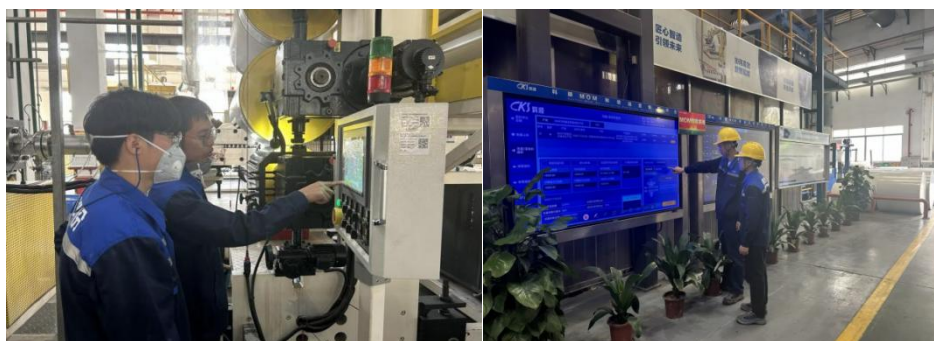
科顺始终将人才视为企业发展的基石，重视新进大学生的培养工作，制定了一系列管培生计划，为员工提供快速成长与发展的平台。

CKS has always regarded talents as the cornerstone of enterprise development. Attaching great importance to the training of fresh graduates, we developed a series of management training programs to offer employees a platform for rapid development.

管培生计划分为“融入期——带教适岗期——创新锻造期”三阶段，管培生培养启动仪式标志着融入期的开始，公司举行师徒见面会，请带教师父与徒弟面对面，行拜师礼，象征着技艺与匠心的传承。在此期间，公司不定期组织座谈会，管培生们可以向公司领导与前辈提问，加深对公司与自身职业发展的了解。在带教适岗期，管培生们在师父的带领下，逐步掌握各生产工序的独立操作，完成从学校到社会、从学生到生产骨干的转变。进入创新锻造

期，管培生们逐步参与车间的设备技改项目，结合自身专业优势，为技改方案注入新思路。管培生培训有效增强了员工的业务操作与团队管理能力，这些经验将为他们未来成为公司核心关键人才奠定坚实的基础。

The training program is divided into three phases: the adaptation phase, tutoring phase, and innovation phase. To kick off the program, CKS organized a launching ceremony to mark the beginning of the adaptation phase. During this phase, mentors and trainees met with each other with trainees showing respect to their mentors, symbolizing the transfer of skills and craftsmanship. Seminars were conducted throughout this phase, allowing trainees to interact with company leaders and seniors to better understand CKS and their career development. Moving into the tutoring phase, trainees worked closely with mentors to develop expertise in each production process. This phase saw trainees transitioning from academic life to the professional field, becoming valuable members of the production team. In the innovation phase, trainees engaged in technical reform projects within the workshop, using their professional skills to contribute fresh ideas. This training program not only enhanced employees' operational and team management skills but also laid a strong foundation for them to become future key talents in CKS.



4. 守护未来——打造共赢生态 **Planning for Future – Fostering a Win-win Ecology**

科顺始终坚持创新在企业发展中的核心地位，致力于搭建和升级先进的研发平台，优化供应布局，提高供应链的灵活性与可控性，同时与其他合作伙伴建立紧密联系，促进知识和技术的共享，打造合作、共享、共赢的生态环境。

Always putting innovation at the core, CKS is committed to making better R&D platforms, optimizing supply, and improving the flexibility and controllability of the supply chain. With close ties with other partners, we share knowledge and technology and create an ecology of cooperation, sharing, and win-win results.

响应联合国可持续发展目标 Contributions to UN SDGs



【关键绩效】 Key Performance

- 研发经费占销售收入比例超 4%
- The proportion of R&D input to revenues exceeds 4%
- 2023 年新增授权专利 127 项
- 127 authorized patents
- 参编国家、行业、团体、地方标准 129 项
- Drafting 129 local, association, industry, and national standards
- 获评“国家知识产权示范企业”称号
- Awarded the title of "National Intellectual Property Demonstration Enterprise"

4.1. 深化科研创新 **Research and Innovation**

科顺持续深化科研创新，构建先进、开放、高效的研发环境，不断推动新产品开发，强化知识产权管理，推动数字化创新在公司的广泛应用，助力公司保持行业竞争力、实现可持续发展。

To enhance research and innovation, we create an advanced, open, and efficient R&D environment, develop new products, and strengthen IPR management. We widely apply digital innovation in the Company to help us maintain our edge and achieve sustainable development.

4.1.1. 打造科研平台 **Building a research platform**

科顺着力搭建强大的科研平台，提高研发效率，积极引进高水平科研人才，形成更具创新性的研究团队，推动项目取得更好的研究成果。

To improve R&D efficiency, CKS puts in place a strong research platform and attracts high-caliber researchers to build a more creative research team and pursue better research results.

● 搭建研发平台 **Building R&D platforms**

科顺持续完善研发平台建设，研发中心下设高分子卷材实验室、卷材实验室、水性涂料实验室、干粉砂浆实验室、博士后实验室、院士工作室以及检测中心等 30 多个实验室，并配有原子力显微镜、3D 超景深显微镜、高级旋转流变仪、GC-MS、ICP、DMA、DSC 等多台大型研究型仪器，年均提供 2000 多份专业防水解决方案，为 800 多个施工现场提供技术咨询和施工指导。

CKS continues to improve R&D platforms. The R&D center consists of more than 30 laboratories such as the polymer roll laboratory, roll laboratory, waterborne coating laboratory, dry mortar laboratory, postdoctoral laboratory, academician studio, and testing center. Our research center is equipped with an atomic force microscope, ultra-depth three-dimensional microscope, advanced rotational rheometer, GC-MS, ICP, DMA, DSC, and other large instruments, providing more than 2,000 professional waterproofing solutions every year and technical and construction advice for more than 800 construction sites.

● 引进科研人才 **Recruiting researchers**

科顺研发中心技术型科研人员，囊括院士、博士、硕士等高学历科研人才，本科及以上学历

学历人员占比 90%以上，研发团队拥有国内外博士学位 5 人、硕士学历 16 人、本科学历 62 人。此外，还通过科顺院士工作站、科顺博士后科研工作站平台，实现人才联合培养及项目开发转化的同步推进，提高研发创新能力。

Our R&D center hires researchers including academicians and those with doctoral and master's degrees. More than 90% of researchers have bachelor's degrees or above, and the R&D team has five personnel with doctoral degrees, 16 with master's degrees, and 62 with bachelor's degrees. In addition, through the CKS Academician Center and CKS Postdoctoral Research Center, we advance joint talent training as well as project development and commercialization and improve our R&D capabilities.

4.1.2. 加强产品研发 Strengthening product R&D

科顺持续加强创新产品研发，致力于打造更环保、可持续且符合市场需求的新产品，为客户提供更具创新性和可持续性的产品解决方案。

CKS continues to strengthen the R&D of innovative products, create new eco-friendly and sustainable products that meet market demand, and provide customers with more innovative and sustainable solutions.

● 新产品开发 New product development

2023 年研发中心共计立项开发包括沥青卷材新产品开发、高分子防水卷材新产品开发、瓷砖胶新产品开发、界面剂开发等新产品 26 项，其中超过 80% 新产品项目均已完成量产。

In 2023, the R&D center developed 26 new products, including new asphalt rolls, polymer waterproofing rolls, ceramic tile adhesive, and interface agents, of which more than 80% of new products have completed mass production.

● 绿色产品研发 Green product R&D

开发出低 VOC 非固化防水涂料、非沥青基防水卷材、生物基防水涂料、无胶粉高耐久沥青防水卷材等低碳环保新型产品，其中非沥青基防水卷材全系列 5 款产品，累计产生直接经济效益超过 1 亿元。

We develop low-carbon and eco-friendly new products such as low-VOC non-curing waterproofing coatings, non-asphalt-based waterproofing rolls, bio-based waterproofing coatings, and powder-adhesive-free and highly durable asphalt waterproofing rolls. Among them are five

non-asphalt-based waterproofing roll products. They generate direct economic benefits of more than RMB 100 million in total.

【荣誉】 Honors

- “高耐候超韧性环保型聚酯合金膜制备技术及应用示范” 荣获河南省科技进步二等奖
- "Preparation and application of highly weather-resistant and ultra-tough eco-friendly polyester alloy film" has won the second prize in Henan Sci-tech Progress Award
- “环保型单组分无溶剂聚氨酯防水涂料研制及应用” 荣获中国建筑防水协会科技进步二等奖
- Development and application of eco-friendly one-component solvent-free polyurethane waterproofing coating" has earned the second prize for sci-tech progress from the China Building Waterproofing Association

4.1.3. 加强知识产权管理 **Managing intellectual property**

科顺积极加强知识产权管理，建立完善的知识产权管理体系，完善相关制度，建立清晰的流程与规范，积极打击侵权行为，确保创新成果得到最大程度的保护和价值发挥。

To strengthen IP management, CKS has established a sound IP management system with improved regulations, optimized policies and clear processes and requirements. We positively fight against infringement and ensure that our innovation is well-protected and its value is maximized.

● 完善知识产权管理制度 **Improving IP management regulations**

重视知识产权管理，制定并完善《知识产权管理办法》及《知识产权奖励管理办法》，保护公司知识资产与创新成果，通过提供培训和设立专项奖励，激发员工的创新热情，促进技术的不断进步。

Emphasizing IP management, we have improved the *Intellectual Property Management Measures* and *Intellectual Property Incentive Management Measures* and protected the Company's IP assets and innovation achievements. To stimulate employees' enthusiasm for innovation, we provide training and special awards to encourage continuous technological progress.

● 搭建知识产权管理体系 **Establishing an IPR management system**

建立健全知识产权管理体系，包括但不限于知识产权管理制度、流程、培训和保障机制，切实将知识产权工作融入公司的经营发展全过程，不断提升知识产权运用效益和竞争优势，确保对知识产权起到有效管理和保护。

We improve the established IP management system, including but not limited to IP management regulations, processes, training, and safeguard mechanisms, effectively integrating IP work into the Company's operation and development. We continuously improve the efficiency of using IP and competitiveness and ensure effective IPR management and protection.

● **打击侵权行为 Cracking down on infringement**

坚决维护公司和消费者合法权益，层层落实责任，杜绝假冒伪劣产品流入市场；严厉打击侵权行为，协同工商等政府机关查获涉嫌假冒产品货值约 287 万元，打假维权侵权赔偿取得约 168 万元。

To safeguard the legitimate rights and interests of the Company and consumers, we require responsibilities to be shouldered at all levels and prevent counterfeit and shoddy products from entering the market. To crack down on infringement and other illegal acts, we cooperate with industry and commerce agencies to confiscate suspected counterfeit products worth about RMB 2.87 million and obtain about RMB 1.68 million of compensation for anti-counterfeiting.

【荣誉】 Honor

- 获评“国家知识产权示范企业”称号
- Awarded the title of "National Intellectual Property Demonstration Enterprise"

【关键绩效】 Key performance

- 2023 年新增专利授权 127 个，累计获得发明专利 194 个
- In 2023, 127 new patents authorized, 194 invention patents granted.

4.1.4. 数字化创新 Innovating digitalization

科顺大力推进数字化转型，推行一系列数字化重点项目，持续完善数字化运营管理体系，引入先进技术搭建大数据平台，积极推动数字化创新在各个层面的应用。

To push forward digitalization, CKS implements key digitalization projects, improves the digital operation and management system, and introduces cutting-edge technology to build a big

data platform, guaranteeing that innovative digital technology is applied at all levels.

● **完成年度重点数字化系统项目建设 Completing annual key digital systems**

完成包括恒等式一体化营销平台实施项目、数据中台实施项目等十大重点项目建设，首次实现研、产、供、销、服、人、财、物、数等业务领域全面线上化运营，为数字化 3.0 建设提供底座支撑。

We have completed ten key projects, including the integrated marketing platform and the data middle platform, fully digitalizing research, production, supply, marketing, service, human resources, finance, materials, data, and other business for the first time. It lays the foundation for digital 3.0.

● **完善数字化运营管理体系 Improving the digital operation and management system**

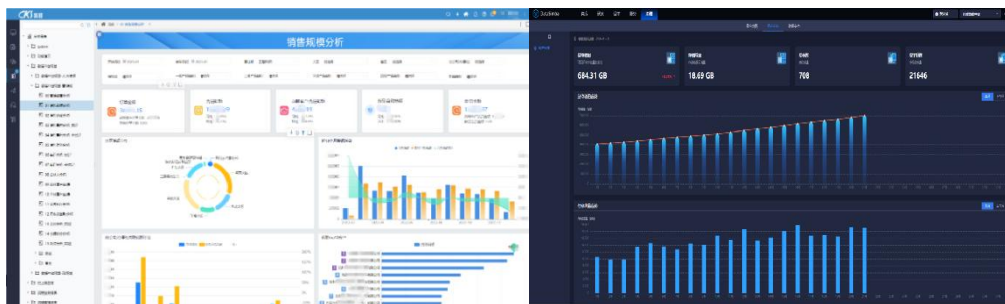
建立和完善各项数字化运营管理制度，全面梳理与固化数字化运营业务流程，形成制度与流程相结合的数字化运营管理体系，有效提升企业运营效率与管理水平。

To improve the digital operation and management system, we sort out and institutionalize digital operation processes, which support the digital operation and management system, effectively raising operational efficiency and corporate management.

● **搭建大数据平台 Building a big data platform**

构建集团级大数据平台，实现业务数据全面贯通。以大数据平台数据标准为抓手，全面提升数据质量、数据融合程度，提高数据流通与协同效率，形成数据服务体系，结合平台组件功能，面向数据应用提供全面的数据共享服务，为经营决策增效。

We have established a Company-level big data platform that fully integrates business data. Given the data standard of the big data platform, we improve data quality, integration, and the efficiency of data circulation and coordination, and shape a data service system. Based on the functions of the platform, we provide comprehensive data-sharing services for data applications to make business decision-making more efficient.



统一 OA 办公平台 Unified OA office platform

4.2. 加强供应链管理 Supply Chain Management

科顺致力于提升供应链管理水平和持续优化供应商管理，采取措施为供应商赋能，推动供应链可持续发展，携手上下游合作伙伴共创共赢新局面。

Committed to improving supply chain management, we optimize supplier management, empower suppliers, and promote a sustainable supply chain in pursuit of win-win results with upstream and downstream partners.

4.2.1. 供应商管理 Managing suppliers

科顺将社会责任理念融入供应链管理，提升采购本地化水平，建立健全供应商管理制度与审核流程，强化供应商考核约束，推动供应商履责。

We uphold the concept of social responsibility in supply chain management and improve the share of localized procurement. With a sound supplier management system and audit process in place, we strengthen supplier assessments and urge suppliers to fulfill their responsibilities.

● 本地供应商开发 Partnerships with local suppliers

持续优化供应资源，将部分集采物料授权工厂管理，开发本地供应商，降低原材料采购成本，提升供应链竞争力。

We optimize supply resources, assign factories to manage some centrally procured materials, and develop partnerships with local suppliers to reduce procurement costs and enhance supply chain competitiveness.

● 供应商筛选 Supplier selection

公司按照《采购管理控制程序》《供方引入和淘汰管理办法》《供应商现场认证管理办法》等制度要求开展供应商引入开发和筛选，关注供应商现场管理、质量把控情况、能源管

理、环境评价、绿色采购、员工健康安全及福利等内容,审核条款包括 ISO9001 认证、ISO14001 环境管理体系认证、ISO45001 职业健康安全管理体系认证;与供应商签订《相关方环境、职业健康安全和社会责任要求告知书》,倡导供应商保护环境、关爱员工、安全生产、使用绿色材料,优先考虑 ESG 表现较好的供应商。

According to the requirements of the Procurement Management and Control Procedures, Administrative Measures for the Introduction and Elimination of Suppliers, and Administrative Measures for Supplier On-site Certification, we bring in and screen new suppliers. Specifically, we focus on supplier on-site management, quality control, energy management, environmental assessment, green procurement, employee health, safety, benefits, etc., and suppliers' ISO9001 certification, ISO14001 environmental management system certification, and ISO45001 occupational health and safety management system certification. We sign the Notification of Requirements in Environment, Occupational Health and Safety, and Social Responsibility to Stakeholders with suppliers. They are encouraged to take measures for environmental protection, employee care, work safety, and green material adoption, and suppliers with good ESG performance are prioritized.

● **供应商分级管理 Supplier hierarchical management**

优化供应链采购制度,根据物料和行业特性,对供应商引入实施分级管理,同时对原材料检验实施分级检验模式,根据物料质量情况、重要等级等因素,将物料分为免检、关键项检验、先卸后检、先检后卸四种类型,提升检验效率。

We optimize the supply chain procurement system and implement hierarchical management of suppliers based on material and industry characteristics. The inspection of raw materials is also divided into four categories according to their quality and importance: inspection-free, inspection of key items, inspection after unloading, and inspection before unloading to improve efficiency.

指标 Indicator	2023 财年 Fiscal year 2023
一级供应商总数 Total number of first-level suppliers	570 家
一级重要供应商总数 Total number of first-level important suppliers	120 家

在一级重要供应商上的花费占总消费的百分比 Expenditure on first-level suppliers as a percentage of total consumption	31.8%
非一级重要供应商总数 Total number of non-first-level important suppliers	90 家
重要供应商总数（一级和非一级） Total number of important suppliers (first-level and non-first-level)	210 家

● **供应商监督 Supplier supervision**

在原材料检验中，结合入厂和定期型式检验，关注质量数据变化，当发现原材料异常时，按制度进行内部评审，要求供应商在 SRM 平台上整改回复，提出改善措施并跟进闭环。对于重复出现的质量异常，通过线上和线下的质量约谈会议，敦促供应商深入分析原因，并制定有效措施以确保问题得到解决；与供应商签订《交易廉洁承诺书》，共同营造阳光透明的营商环境。

Raw materials are inspected when entering factories and regularly, with changes in quality data monitored. When issues are found, an internal review is conducted according to our policies. Then, we require the supplier to rectify the problem and give feedback including improvement measures on the SRM platform until the issue is resolved. For recurring quality issues, through online and in-person quality meetings, we urge suppliers to deeply analyze the causes and take effective measures to ensure that the problems are resolved. We sign the *Transaction Integrity Commitment* with suppliers to jointly create a transparent business environment.

【关键绩效】 Key performance

- 本地化采购比例为 99.04%
- Localized procurement accounts for 99.04% of the Company's total procurement
- 供应商总数为 816 家
- 816 Total number of suppliers
- 开展审查的供应商数量为 439 家
- 439 suppliers reviewed

- 未达标退出的供应商数量为 42 家
- 42 unqualified suppliers exited

4.2.2. 供应商赋能 **Supplier empowerment**

科顺通过开展培训、加强沟通交流等方式赋能供应商，建立更加稳固、协同的供应链体系，提高供应链整体效率。

CKS empowers suppliers by carrying out training and strengthening communication to establish a more stable and collaborative supply chain system and improve overall supply efficiency.

开展供应商培训。2023 年组织供应商专项辅导 4 次，质量意识培训 2 次，质量分析培训 26 次，帮助供应商掌握质量管理的关键要素，推动供应商质量提升。

Supplier training: In 2023, we organized 4 special sessions for suppliers, 2 quality awareness training sessions, and 26 quality analysis training sessions to help suppliers master the key elements of quality management and improve supply quality.

加强沟通交流。组织供应商技术交流会 65 次，涉及乳液、胎基、基础油等二十多款物料，有效推动双方新产品、新技术交流；在山东德州和湖北荆门分别召开优势供应链共创座谈会，共同探讨在供应链发展新需求与渠道变革趋势下，如何增强供应链的韧性和可持续性，开拓合作共赢新格局。

Better communication: We organized 65 supplier technical exchanges, involving more than 20 materials such as emulsions, polyester non-woven fabrics, base oils, etc., to effectively promote exchanges on new products and technologies. We held excellent supply chain co-creation forums in Dezhou, Shandong Province, and Jingmen, Hubei Province, respectively, to discuss how to enhance supply chain resilience and sustainability and foster a new pattern of win-win cooperation against an evolving supply chain and channels.



科顺 2023 优势供应链共创会 CKS 2023 excellent supply chain co-creation forum

4.3. 助力行业发展 Contributing to the Development of the Industry

科顺推动与多方机构建立紧密的合作关系，实现资源整合，促进技术成果转化；打造行业人才培养基地，培养专业人才，参编行业标准，助力行业高质量发展。

CKS works to establish close partnerships with multiple institutions to integrate resources and commercialize technological achievements. We build an industry talent training base to train professionals and engage in the drafting of industry standards to support the high-quality development of the industry.

4.3.1. 加强多方合作 Strengthening multi-party cooperation

科顺积极加强与学校、研究机构、企业等多方合作，实现优势互补、互惠互利、共同发展。

CKS enhances cooperation with universities, research institutions, enterprises, and other stakeholders to achieve complementary advantages, mutual benefits, and common development.

● 校企合作 University-enterprise cooperation

科顺响应国家加强校企合作的政策号召，与济南大学、湖北工业大学、南华大学、广东财经大学、顺德职业技术学院等多所高校签订校企合作协议，共建人才培养基地，并定期开展校企开放日，邀请全国高校师生走进科顺，共同探索产学研深度融合的发展之路。

In response to the country's call for greater university-enterprise cooperation, CKS has signed cooperation agreements with the University of Jinan Hubei University of Technology, University of South China, Guangdong University of Finance and Economics, and Shunde Polytechnic to

jointly build talent training bases. University-enterprise open days are regularly held to invite university teachers and students across China to CKS and jointly explore the in-depth integration of industry, education, and research.



开展科顺开放日活动 CKS Open Day

● 校企合作 Enterprise-enterprise cooperation

科顺积极与中国二十二冶集团华东公司、中国联通、深圳市计量质量检测研究院等企业签订合作协议，深化合作伙伴关系，整合优势资源，持续推动业务深度融合 CKS has signed cooperation agreements with China 22MCC Group East China Company, China Unicom, and Shenzhen Academy of Metrology and Quality Inspection to deepen partnerships, pool strengths together, and promote in-depth business integration.



与深圳检测院签订战略合作协议

CKS signs a strategic cooperation agreement with Shenzhen Academy of Metrology and Quality Inspection

4.3.2. 培养行业人才 Training industry professionals

科顺学院设立及运营美缝师、防水工、镶贴工职业技能培训基地，组织开展“防水工”职业技能等级认定培训班招生、培训实施、考核认证等工作，累计发证量 700 人。举办“科顺杯·2023 年顺德区防水工职业技能竞赛”，持续为行业输送专业人才。

CKS Academy operates a vocational skill training base for tile seam beauty workers, waterproofing workers, and tile installers and organizes the enrollment, training, and certification of the waterproofing vocational skill training course, with a total of 700 certificates issued. The "CKS Cup 2023 Shunde District Waterproofing Worker Vocational Skills Competition" was held to recommend professionals for the industry.



【案例】独家赞助上百门课程，助力产业人才发展

[Case] CKS provides exclusive sponsorship for hundreds of courses to promote the development of industrial workers

2023年3月24日，容桂工会“职工大讲堂”项目启动仪式在旭日科技园正式举行。科顺连续两年独家冠名容桂街道“职工大讲堂”项目，每年提供超过100个质量、管理等主题的公益培训课程，积极支持和参与工会活动，助力产业工人队伍建设改革和国家的“质量强国”建设。

On March 24th, 2023, the launch ceremony of the “Employee Lectures” program by Ronggui Labor Union took place at Shunde Sun-rising Science Park. For two consecutive years, CKS has been the exclusive sponsor of the program. We offer over 100 public welfare training courses annually on quality, management, and other topics to support and participate in labor union activities, aiming to promote the building of an industrial worker team and boost China’s strength in product quality.



4.3.3. 参编行业标准

科顺充分发挥自身的技术优势和行业经验，积极参与《建筑防水系统构造》《建筑防水材料设计选型与系统构造》《建筑混凝土屋面工程防水耐久性评定标准》等国家、行业、团体标准，提出创新性建议，为推动防水行业技术进步和高质量发展贡献力量。

Leveraging our technical and business expertise, we contribute to national, industry, or group standards such as *Building Waterproofing System Creation*, *Building Waterproofing Material Design and System Creation*, *Building Concrete Roof Waterproofing Durability Evaluation Standards* with creative suggestions for technological progress and high-quality development of the waterproofing industry.

【关键绩效】Key performance

- 2023 年参编国家、行业、团体、地方标准总计 129 项
- Drafting 129 local, association, industry, and national standards

【责任竞争力探寻】Responsible Competitiveness Highlight

科顺引领中国防水产业高质量发展

CKS leads the high-quality development of China's waterproofing industry

防水行业在建筑行业中占据着重要的地位，其质量直接关系到建筑物的使用寿命和安全

性能。然而，当前防水行业存在防水材料质量参差不齐、施工工艺水平有待提高、生产过程不够环保等一系列问题，给建筑行业与消费者带来极大困扰。为提高防水行业整体质量水平，科顺从自身做起，开展多项改革举措，引领行业高质量发展。

The waterproofing industry is crucial for the construction industry since its quality weighs directly on the duration and safety of a building. However, the current waterproofing industry and consumers are concerned about inconsistent waterproofing material quality, imperfect techniques, and less eco-friendly processes. To improve the overall industry quality, CKS takes the initiative with several reform measures to lead high-quality development.

加强科技创新。通过研发高分子防水材料、功能性防水材料等，以创新为驱动力，提高防水材料的技术含量和附加值，推动防水产业向高端化、智能化、绿色化方向发展。

Strengthening sci-tech innovation: Through the innovative R&D of polymer waterproofing materials, functional waterproofing materials, etc., we improve the added value of waterproofing materials supported by technology and contribute to the high-end, intelligent, and green development of the industry.

推动产业升级。通过集中优势资源和要素，优化产业结构，提高产业集中度，增强产业核心竞争力。

Upgrading the industry: By bringing together the strengths of different players, we optimize the industrial structure and concentration while leveling up the industry's core competitiveness.

强化品牌建设。通过举办品牌推广活动、加强产品质量管理等方式，提高公司的品牌知名度和美誉度，增强国内甚至国际竞争力。

Shaping our brand: Events such as brand promotion activities and greater efforts to manage product quality improve the Company's brand reputation and our competitiveness inside China and globally.

拓展应用领域。防水材料应用到新能源、光伏、环保、建筑节能等领域，扩大防水材料的市场需求和应用范围，推动防水产业的发展。

Expanding applications: Waterproofing materials are applied to new energy, PV, environmental protection, building energy conservation, and other fields to increase market demand and application scope for the development of the waterproofing industry.

通过一系列措施，公司产品性能得到显著提升，为用户提供了更高质量的防水体验，也为行业高质量发展起到引领作用。

A series of measures elevate the Company's product performance, provide users with a better experience, and set an example for the industry's high-quality development.



5. 守护社区——共建美好家园 Engaging in the Community: Building a Better Community

科顺防水始终牢记“企业公民”的社会责任，积极响应国家战略，在致力于实现企业自身高质量发展的同时，积极参与各类社会公益事业，持续在乡村振兴、社会公益等领域积极贡献力量，与社会共享发展成果。

CKS always bears in mind the social responsibility as a “corporate citizen” and aligns with national strategies. We are committed to achieving high-quality development while also engaging in various social initiatives and contributing to rural vitalization, social welfare, and other important areas, striving to share the benefits of our development with society.

响应联合国可持续发展目标 Contributions to UN SDGs



【关键绩效】 Key Performance

- 年度累计公益捐赠 88 万元
- RMB 880,000 public welfare donations
- 开展志愿活动 13 次
- 13 volunteer activities

5.1. 支持乡村振兴 Support for Rural Vitalization

我们积极响应国家全面推进乡村振兴工作部署，积极投入教育振兴事业，专注以乡村学生为中心的公益项目，深入了解当地需求，开展有针对性的帮扶活动，为乡村振兴贡献科顺力量。

We actively respond to the national initiative to comprehensively promote rural vitalization. We invest in education vitalization and focus on public welfare projects that benefit rural students. Furthermore, we understand local needs and carry out targeted assistance activities to contribute to rural vitalization.

● 教室宿舍升级改造 Classroom and dormitory upgrades

科顺在贵州息烽县木杉小学开展教室宿舍升级改造，改善地面坑洼不平、墙体水泥脱落、线路老化等问题，为学生和教师提供舒适、整洁的学习与生活环境。

CKS undertook classroom and dormitory upgrades at a primary school in Xifeng County, Guizhou Province. The upgrades addressed issues such as potholes on the floor, peeling cement on the walls, and deteriorating wiring to create a comfortable and clean learning and living environment for both students and teachers.



● 食堂升级改造 Cafeteria upgrades

科顺为冯原镇初级中学更新厨房设施，为安徽亳州丁固小学搭建约 280 平米食堂，让孩子们改善用餐条件。

To enhance the dining conditions for the children at the schools, we have renovated the kitchen facilities at a junior high school in Fengyuan Town, Chengcheng County, Shaanxi Province, and built a cafeteria of approximately 280 square meters for a primary school in Haozhou, Anhui Province.



● **体育设备捐助 Donations of sports equipment**

贵州毕节鲧瓦小学有学生 155 名，老师 16 名，操场占地 300-400 平方米，但除 2 个篮球架外无任何体育设备，科顺为学生采购如乒乓球台，球等各类体育设施，丰富学生课余生活。

Home to 155 students and 16 teachers, a primary school in Zhijin County, Guizhou Province boasts a playground spanning approximately 300 to 400 square meters. However, the school lacked sufficient sports equipment apart from 2 basketball hoops. To enrich the extracurricular activities of students, we supplied various sports facilities, including table tennis tables and balls, to the school.



【案例】以心“启智”，用爱护航——防水公益课堂进校园活动

[Case] CKS empowers children through a public welfare program on waterproofing

2023 年，科顺带着“防水公益课堂”走进乡村学校、特殊教育学校，从常见的生活现象入手，讲述生活中的防水小知识，为孩子们带来了一堂生动有趣的防水科学课。志愿者为启智学校的孩子们创设探索环节，通过“竹篮打水不会空”“一贴就止水”等小实验，让他们亲自动手，增强认知，在活动中进行独特和新奇的探索。科顺带来的防水公益课堂让科学走进孩子们的生活中，打开乡村留守儿童、特殊儿童的心扉，将来自社会企业的关爱融入他们的小小心灵中。

In 2023, CKS launched a public welfare program on waterproofing for rural schools and special education schools. Starting from everyday occurrences, the program covered practical waterproof knowledge and delivered engaging science classes for children. Volunteers organized an exploration session for the students at a school at Foshan, Guangdong Province, enabling them to conduct hands-on experiments to enhance their understanding and engage in explorations. As a result, the program successfully integrated science into the lives of children in rural areas and special education schools, nurtured their curiosity, and opened up new opportunities for them, showcasing our love and support.



【案例】开展“科顺到村进乡诊治渗漏”公益活动

[Case] CKS tackles rural leakages in rain-soaked area in Nanchang

江西南昌地区多雨潮湿，暴雨和积水常年冲刷房屋建筑，带来不同程度的渗漏问题。2023年10月31日，江西城市建设开发投资协会携手科顺股份江西省区团队，走进南昌市进贤县三阳集乡赵埠村，开展“科顺到村进乡诊治渗漏”公益活动。科顺团队针对乡镇房屋的渗漏特点，为贫困户村民免费送上防水涂料产品，并传授房屋建筑渗漏的基本处置方法，帮扶困难群众，为乡镇居民解难题、办实事。

In the rainy and humid region of Nanchang, Jiangxi Province, continuous heavy rain and stagnant water have led to various levels of seepage issues causing damage to buildings. On October 31, 2023, CKS team in Jiangxi Province, together with the Jiangxi Urban Construction Development and Investment Association, initiated a public welfare program “identifying and repairing rural leakages” in Zhaobu, Jinxian County, Nanchang. The team identified the leakage patterns in the regional buildings and offered free waterproof coating products to help underprivileged residents. They also offered guidance on basic methods for addressing building

leaks, aiming to make a tangible impact on the lives of the residents.



5.2. 热心公益慈善 Engagement in Charity

科顺积极承担社会责任，发挥自身在人才、技术等方面的专业优势，通过爱心捐款、志愿服务等多种方式传递温暖，用实际行动回馈社会。

We actively fulfill our social responsibility by leveraging our expertise in talent, technology, and other areas and contribute to society through donations, volunteer services, and various initiatives.

● 驰援地震灾区 Supporting earthquake-stricken areas

2023 年 12 月，甘肃临夏州积石山县发生地震，灾情严重。科顺股份联合中科缘防水驰援地震灾区，救助受灾群众。

In December 2023, an earthquake struck Jishishan County, Linxia Prefecture, Gansu Province. CKS, in collaboration with Gansu Zhongkeyuan Waterproof Engineering Co., Ltd., swiftly responded by providing assistance to the affected individuals in the earthquake-stricken area.



● 开展“八一”慰问活动 **Supporting troops**

2023 年 8 月，科顺凝聚深情厚谊，走进属地部队，为空军某部官兵送去慰问物资，向“最可爱的人”致以节日祝福和诚挚问候。

In August 2023, we deepened our bond with the local troops by providing materials to the officers and soldiers of an air force department and extending holiday blessings and heartfelt greetings to these “loveliest people”.



● 开展公益修缮服务 **Repair services**

科顺走进北京不同的街道、社区、胡同，为困难住户提供公益修缮活动，帮助他们解决长期困扰的家庭渗漏问题，助力建设和谐社区。

We conducted public welfare repair services in various streets, neighborhoods, and hutongs of Beijing to assist households in need and help them address long-standing issues of leakage, thereby contributing to building a harmonious community.



● 关爱基层从业者 **Supporting grassroots workers**

科顺开展“防水从业者关爱行动”，为防水工人送上绿豆汤、降温水等饮品，发放防晒工服和清凉包等防暑生活物资，开展义诊普及高温作业、日常防护等自我保健意识，为一线

工人撑起防暑降温“清凉伞”。

We provided caring support for waterproofing workers by offering beverages such as iced green bean soup and cooling water, and supplies like sunscreen, uniforms, and cold packs to prevent heat-related issues during the summer. Additionally, we organized clinics to educate workers on high-temperature operation safety and daily protection measures, aiming to enhance their self-care awareness and assist them in coping with the challenges of working in sweltering heat.



【关键绩效】 Key performance

- 志愿服务投入金额 40 万元
- RMB 400,000 investment in volunteer service
- 开展公益活动 13 次
- 13 public welfare activities

【责任竞争力探寻】 Responsible Competitiveness Highlight

守护英才，助力科教兴国

CKS waterproofing initiative to enhance education

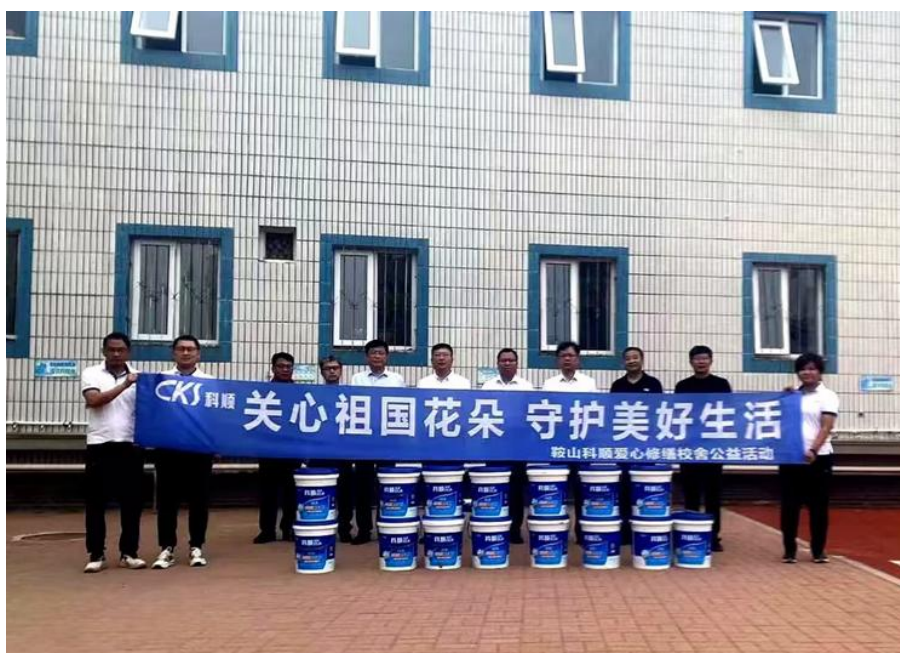
辽宁省鞍山市台安县为农业县，工业欠发达，地方经济活跃度低。全县分布职业教育学校 1 所、全日制高中 2 所、初中 16 所、小学 17 所，大部分校舍房龄为 15 年以上，个别学校建筑物存在屋顶漏水、渗水现象，对师生学习造成不便。

Tai'an County in Anshan, Liaoning Province, is characterized by its agricultural focus and underdeveloped industries, resulting in low local economic activity. The county is equipped with 1 vocational education school, 2 full-time high schools, 16 junior high schools, and 17 elementary schools. Many of the school buildings are over 15 years old, with some experiencing roof leaks and water seepage issues, posing challenges for teachers and students in their learning

environment.

鉴于台安地区学校存在的问题，科顺委派专业技术专家到台安县实验小学、台安县回族小学学校实地勘测，查找漏水防水点位、分析原因，制定方案。针对建筑物漏水点位分散、学生仍在上学，无法大面积施工的情况，专家团队制定了柔性水性涂料代替防水卷材的施工方 案，通过与校方充分沟通，在 2 天内完成两所学校累计 800 平米的防水维修施工，有效改善当地师生的学习环境。且经过媒体报道后，激发了更多台安地方企业对教育事业的关注，起到了企业助力地方教育事业发展的典范作用。

In response to the challenges faced by schools in this area, CKS deployed professional and technical experts to conduct on-site surveys at two local primary schools. The experts identified the leakage points, analyzed the causes, and developed a plan for addressing the issues. Given that the leakage points were scattered and students were still attending school, making large-scale construction difficult, the experts devised a solution using flexible water-based coatings instead of traditional waterproofing methods. After thorough communication with the schools, the experts completed a total of 800 square meters of waterproofing repair construction at the 2 schools within 2 days, significantly improving the learning environment for local teachers and students. The media coverage of these efforts inspired more local enterprises to support educational causes, demonstrating the positive impact of enterprises in advancing local education.



报告结尾 Closing

1. 展望未来 Outlook 2024

立志在坚不在锐，成功在久不在速。2024 年，科顺股份将以实现恢复性增长为首要目标，同时持续推动 ESG 履责实践不断向前发展。在环境方面，将不断优化生产工艺、提高资源利用效率，积极降低碳排放并推动可再生能源的应用。在社会责任方面，将持续关注员工福祉，助力员工实现个人和职业的全面发展；积极加强与社区的合作，促进社区繁荣和可持续发展。在治理层面，将进一步完善公司治理，夯实企业高质量发展根基，为社会、环境和公司长远发展创造更大的价值。我们深知 ESG 管理是一个长期的、持续改进的过程，我们将始终坚持“与长期同行者共创共享”的价值观，与各利益相关方携手前行，共同构建更加绿色、公正、可持续的未来。

Ambition is made not in rush but in persistence, and success is achieved not in speed but in perseverance. In 2024, CKS will prioritize restorative growth while continuously improving its CSR fulfillment practices. In terms of the environment, we will continuously optimize production processes, improve resource utilization efficiency, actively reduce carbon emissions, and promote the application of renewable energy. As to CSR, we will continue to pay attention to the well-being of employees, help them achieve comprehensive personal and professional development, and actively strengthen cooperation with communities to promote community prosperity and sustainable development. For governance, we will further improve corporate governance, consolidate the foundation of high-quality corporate development, and create greater value for the long-term development of society, the environment, and the Company. Well aware that ESG management is a long-term and continuous improvement process, we will always adhere to the value of “work for shared benefits with our partners” to work together with all stakeholders to build a more green, just, and sustainable future.

2. ESG 绩效表现 ESG Performance

■ 环境范畴 Environmental

指标 Indicator	单位 Unit	2023 年
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环境管理 Environmental management		
环境污染事故 environmental pollution accidents	起/	0
员工入职环保知识培训率 Employee training rate on environmental protection knowledge during onboarding	%	100
一年一度固体废物管理人员培训率 Annual employee training rate in solid waste management	%	100
温室气体排放 Greenhouse gas emissions		
温室气体排放量（范围 1） GHG emissions (Scope 1)	tCO ₂ e	36514.77
温室气体排放量（范围 2） GHG emissions (Scope 2)	tCO ₂ e	59258.77
温室气体排放总量（范围 1+范围 2） Total GHG emissions (Scope 1 + Scope 2)	tCO ₂ e	95773.54
温室气体排放密度 GHG emission intensity	tCO ₂ e/万元 tCO ₂ e/RMB 10,000	0.15678
能源消耗 energy consumption		
万元产值综合能耗 Comprehensive energy consumption per RMB 10,000 of output	吨标准煤/万元 tce/RMB 10,000	0.05215
光伏发电量 Photovoltaic power generation capacity	千瓦时 kWh	474500
废气 Exhaust		
氮氧化物排放量 emissions of nitrogen oxide	吨 ton	18.14

二氧化硫排放量 emissions of sulfur dioxide	吨 ton	2.15
颗粒物排放量 emissions of particulate matters	吨 ton	17.72
挥发性有机物排放量 emissions of volatile organic compound (VOC)	吨 ton	12.387
非甲烷总烃排放量 emissions of non-methane hydrocarbon (NMHC)	吨 ton	12.387
废气排放达标率 Exhaust discharge compliance rate	%	100
废弃物 waste		
共处理危险废物 Hazardous waste processed	吨 ton	1276.857
共处理无害废弃物 Non-hazardous waste processed	吨 ton	2646.20
万元产值危废产生量 The amount of hazardous waste generated per RMB 10,000 of output	吨/万元 Ton/RMB 10,000	0.00212
固废合规处置率 Solid waste compliant disposal rate	%	100
水资源 Water		
工业废水排放量 discharge of industrial wastewater	吨 ton	33425
办公生活废水排放量 discharge of office and domestic wastewater	吨 ton	1002.75
化学需氧量排放量	吨 ton	1.055

科顺防水科技股份有限公司 2023 年 ESG 报告
Keshun Waterproof Technology Co., Ltd. ESG Report 2023

emissions of chemical oxygen demand		
氨氮排放量 emissions of ammonia nitrogen	吨 ton	0.624
废水排放达标率 Wastewater discharge compliance rate	%	100
万元产值新鲜水消耗量 The consumption of fresh water per RMB 10,000 of output	吨/万元 Ton/RMB 10,000	0.065527

■ 社会范畴 Social

指标 Indicator	单位 Unit	2023 年
员工 Employees		
员工总人数 Total number of employees	人 headcount	3854
新招聘员工人数 Number of new employees	人 headcount	1309
吸纳应届毕业生就业人数 Number of fresh graduates employed	人 headcount	72
残障人士雇佣人数 Number of employees with disabilities	人 headcount	23
少数民族员工雇佣人数 Number of minority employees	人 headcount	70
平均招聘成本 Average recruitment cost	元/人 RMB/person	330
员工社会保险覆盖率 employee social insurance coverage rate	%	99.73

员工职业病比率 Employee occupational disease rate	%	0
员工劳动合同签订率 Employee labor contract signing rate	%	100
员工流失率 Employee turnover rate	%	29.89%
关键人才流失率 Key talent turnover rate	%	3.12
员工主动离职率 Employee voluntary turnover rate	%	23.3
初级及以上管理岗位的女性比例 Proportion of female in junior and above management positions	%	20.58
初级管理职位中女性比例 Proportion of female in junior management positions	%	22
高管中女性比例 Proportion of female executives	%	18
在创收职能部门担任管理职位的女性比例 Proportion of women holding management positions in revenue generating departments	%	25
担任 stem（科学、技术、工程、数学）相关职位的女性比例 Proportion of women holding	%	25

STEM-related positions		
员工结构 Staff composition		
按性别划分 By gender		
女性 Male	人 headcount	949
男性 Female	人 headcount	2905
按学历划分 By educational background		
高中及以下 High school or lower	人 headcount	819
大专 Junior college	人 headcount	1511
本科 Bachelor's degree	人 headcount	1456
硕士及以上 Master's degree or higher	人 headcount	68
按人员类型分 By rank		
高层 Senior	人 headcount	102
中层 Middle	人 headcount	347
基层 junior	人 headcount	1035
普通员工 Ordinary	人 headcount	2370
按年龄划分 By age group		
30 岁及以下 30 years old or younger	人 headcount	1294
31-40 岁 31-40 years old	人 headcount	2051
41-50 岁 41-50 years old	人 headcount	441
51 岁及以上 51 years old or older	人 headcount	68

按地区划分 By geographical region		
华南 South China	人 headcount	1629
华中 Central China	人 headcount	327
华北 North China	人 headcount	307
华东 East China	人 headcount	916
西北 Northwest	人 headcount	152
西南 Southwest	人 headcount	417
东北 Northeast	人 headcount	106
港澳台及国外 Hong Kong, Macao, Taiwan, and overseas	人 headcount	0
按民族划分 By ethnicity		
汉族 Han	%	95.2
壮族 Zhuang	%	1.3
土家族 Tujia	%	1
满族 Manchu	%	0.5
其他少数民族 Other ethnic minorities	%	2
员工培训 Employee Training		
培训员工数量 Number of employees trained	人次	39858
员工培训投入金额 Investment in employee training	万元 RMB 10,000	258
新入职员工培训率 Training rate for new hires	%	100
员工培训平均支出 Average expenditure of employee training	元/人/年 RMB/person/year	671

员工培训覆盖率 Employee training coverage rate		
女性 Male	%	91
男性 Female	%	88.9
高层 Senior	%	75
中层 Middle	%	86.1
基层 junior	%	100
普通员工 Ordinary	%	99.8
员工人均培训时长 Training hours per employee		
女性 Male	小时 hour	14.57
男性 Female	小时 hour	15.32
高层 Senior	小时 hour	24.5
中层 Middle	小时 hour	10.93
基层 junior	小时 hour	12.9
普通员工 Ordinary	小时 hour	16.23
安全 Safety		
安全事故数量 Safety accidents	次 time	7
重伤事故率 Serious Injury Accident Rate	%	0
轻伤事故 Minor injury accidents	次 time	1
因公死亡人数 Occupational fatalities	人 headcount	0
职业病案例数量	个	0
职业病比例	%	0
开展各类安全培训	场次 time	1188
安全培训参与人次	人次	13524
客户服务		

外部客户投诉处理满意度	%	98
内部相关部门客诉处理满意度	%	84
因泄露客户隐私接获投诉数目	件	0
供应商 Supplier		
供应商总数 Total number of suppliers	家/	816
本地化采购比例 Proportion of localized purchases	%	99.04
开展审查的供应商数量 Number of suppliers reviewed	家	439
未达标退出的供应商数量 Number of unqualified suppliers exited	家	42
按层级划分供应商数量 Number of suppliers of different levels		
一级供应商总数 Total number of first-level suppliers	家	570
一级重要供应商总数 Total number of first-level important suppliers	家	120
在一级重要供应商上的花费占总 消费的百分比 Expenditure on first-level suppliers as a percentage of total consumption	%	31.8
非一级重要供应商总数 Total number of non-first-level	家/	90

important suppliers		
重要供应商总数 (一级和非一级) Total number of important suppliers (first-level and non-first-level)	家/	210
公益慈善 Charity		
年度累计公益捐赠 Public welfare donations	万元 RMB 10,000	88
开展志愿活动 Volunteer activities	次 time	13
志愿服务投入金额 Investment in volunteer service	万元 RMB 10,000	40

■ 治理范畴 Governance

指标	单位	2023 年数据
召开股东大会次数 General Meeting of Shareholders	次 time	1
召开董事会会议次数 Meetings of the Board of Directors	次 time	8
召开监事会会议次数 Meetings of the Board of Supervisors	次 time	6
召开薪酬与考核委员会会议次数	次 time	2
董事会对外披露公告份数 Announcements disclosed to the public by the Board of Directors	份/	197
反腐败案件数目 Anti-corruption cases	件/	1

3. 指标索引 ESG Reporting Guide Index

环境 Environmental		
主题 Topic	领域 Field	对应章节 Corresponding chapter
资源利用 Resource utilization	水资源 Water resource	推进绿色运营 Promoting Green Operations
	能源耗用 Energy consumption	助力“双碳”战略 Contributing to China's 30•60 Decarbonization Goal
	物料耗用 Material consumption	推进绿色运营 Promoting Green Operations
气候变化 Climate change	温室气体排放 Greenhouse gas emissions	助力“双碳”战略 Contributing to China's 30•60 Decarbonization Goal
	气候变化风险管理 Climate change risk management	暂未披露 Not yet disclosed
污废管理 Pollution and waste management	污染物 Pollutant	推进绿色运营 Promoting Green Operations
	废弃物 Waste	推进绿色运营 Promoting Green Operations
生态保护 Ecological protection	环境管理 Environmental management	推进绿色运营 Promoting Green Operations
	生物多样性 Biodiversity	推进绿色运营 Promoting Green Operations
环境机遇 Environmental	绿色业务 Green business	拓展绿色业态 Expanding Green Business

opportunities	绿色金融 Green finance	不适用 Not applicable
社会 Social		
员工 Employee	员工管理与福利 Employee management and benefits	保障员工权益 Protecting Employee Rights
	员工发展与多样性 Employee development and diversity	重视员工发展 Valuing Employee Development
	健康与安全保障 Health and safety assurance	保障员工权益 Protecting Employee Rights
供应商 Supplier	环境管理 Environmental management	加强供应链管理 Enhancing Supply chain management
	社会责任管理 CSR management	加强供应链管理 Enhancing Supply chain management
产品与客户 Product and customer	产品质量与安全 Product quality and safety	坚守产品质量、严守安全底线 Guaranteeing Product Quality and Cementing the Bottom Line of Safety
	客户权益保护 Customer rights protection	致力客户满意 Making Customers Satisfied
社会贡献 Social contribution	公益事业 Public welfare	支持乡村振兴、热心公益慈善 Supporting Rural Vitalization and Engaging in Charity
	科技创新 Technological innovation	深化科研创新 Enhancing Research and

		Innovation
治理 Governance		
股东治理 Shareholder governance	股权结构 Ownership structure	详见年报 Please refer to the annual report for details
	股东权利保护 Protection of shareholder rights	保障投资者权益 Investor Rights
董监高治理 Governance by directors, supervisors, and senior executives	治理结构 Governance structure	完善治理机制 Governance Mechanism
	治理信息 Governance information	完善治理机制 Governance Mechanism
ESG 治理 ESG governance	治理内容 Governance content	ESG 治理架构、ESG 管理提升 ESG Governance Structure and ESG Governance Improvement
	治理成效 Governance effectiveness	ESG 治理架构、ESG 管理提升 ESG Governance Structure and ESG Governance Improvement
风险管理 Risk management	风险管理 Risk management	强化风险管控 Risk Control
	道德规制 Moral regulation	恪守商业道德 Business Ethics
信息披露 Information disclosure	及时性 Timeliness	保障投资者权益 Investor Rights
	真实准确性 Authenticity and accuracy	保障投资者权益 Investor Rights
	充分完整性 Adequacy and completeness	保障投资者权益 Investor Rights
治理异常	治理异常	不适用

Governance exception	Governance exception	Not applicable
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4. 专家点评 Expert Opinions

作为国内防水建材行业的引领者，科顺股份在《2023 年度 ESG 报告》中充分体现了其“延展建筑生命，守护美好生活”的企业使命及“与长期同行者共创共享”的价值观，系统披露了科顺 2023 年在环境、社会及公司治理三个方面的亮点举措和履责成效。

As a leader in the domestic waterproof and building materials industry, CKS fully embodies its corporate mission of “safeguarding wonderful life with lasting buildings” and the value of “joint contribution and shared benefits with long-term partners” in the 2023 ESG Report. The report systematically discloses the highlights of CKS’ s initiatives and achievements in environment, social responsibility, and corporate governance in 2023.

报告框架清晰，融入责任理念。科顺聚焦“守护品质、守护未来、守护家园、守护英才、守护社区”五大责任领域持续开展实践，报告整体框架延续了一直以来的“五大守护”主题，较好地披露了科顺在五大领域的相关履责行动，体现了科顺将利益相关方的期望融入到企业经营发展之中，积极促进社会可持续发展的不懈努力。

The report incorporates the concept of responsibility with a clear framework. Focusing on the five major themes of “maintaining quality”, “safeguarding the earth”, “supporting talent”, “planning for future”, and “engaging in the community”, the report provides better disclosure of CKS’ s actions in these areas, reflecting the Company’ s ongoing efforts to integrate stakeholder expectations into its operation and development and to promote the sustainable development of society.

聚焦关键议题，彰显特色担当。报告聚焦双碳战略、员工发展、供应链管理等关键议题，披露了科顺制造系统“碳中和”规划、助力员工学历提升及打造责任供应链等方面的特色实践。科顺顺利通过 GB/T 39604-2020 社会责任管理体系认证、荣获工信部颁发的“国家绿色供应链管理企业”等实践成果，也进一步展现了科顺积极响应国家战略，立足自身实际，通过特色实践践行责任担当的行动与成效。

The report highlights key issues with distinctive features. Focusing on key areas such as China’ s 30 ·60 Decarbonization Goal, employee development, and supply chain management, the

report discloses unique practices such as carbon neutrality planning in the manufacturing system, supporting employee education advancement, and establishing a responsible supply chain. The certification of the GB/T 39604-2020 social responsibility management system and the recognition as a National Green Supply Chain Management Enterprise by the Ministry of Industry and Information Technology further illustrate CKS' s active response to national strategies. By aligning with our own operations and implementing responsible actions, we demonstrate our commitment to fulfilling our responsibilities through distinctive practices.

设置专栏板块，突出共赢实践。报告新增“责任竞争力探寻”板块，以具体案例故事的形式呈现科顺通过运用自身专业优势解决社会、环境、员工等可持续发展方面的问题，积极履行社会责任的同时提升企业竞争力的相关行动与成果。增添报告趣味性和可读性的同时，生动展现科顺努力实现经济效益、环境效益、社会效益相统一的可持续发展共赢实践。

The report introduces columns to showcase win-win practices. The report includes a new section titled “Responsibility Competitiveness” which highlights CKS' s actions and accomplishments in addressing sustainable development challenges in society, the environment, and among employees by leveraging its professional expertise. This section highlights how CKS actively fulfills its social responsibilities while enhancing its competitiveness. By enhancing the report' s appeal and readability, this section vividly showcases the win-win approach to sustainable development, where CKS aims to achieve a balance between economic, environmental, and social benefits.

殷格非 Yin Gefei

金蜜蜂智库首席专家、中国上市公司协会可持续发展委员会（ESG）委员、ISO 26000 社会责任国际标准起草工作组专家、ISO TC 322 可持续金融国际标准专家、国家社会责任系列标准主要起草专家之一、清华大学 EMBA/MBA 企业社会责任客座讲师。

Cheif Expert of Goldenbee Think Tank

Member of the ESG Committee of China Listed Companies Association

Expert of the ISO Working Group on Social Responsibility for ISO 26000

Expert of ISO TC 322 International Standard on Sustainable Finance

One of the main drafting experts of national social responsibility standards

Guest lecturer of EMBA/MBA CSR of Tsinghua University

5. 意见反馈表 Feedback Form

为了不断改进公司的社会责任工作，我们希望得到您的反馈，这将成为我们改善和提高的重要依据。希望您百忙中对本报告和我们的工作提出宝贵意见。

In order to continuously improve our social responsibility work, we sincerely invite you to feed back your valuable opinions on this report and our work from my busy schedule.

您的信息： Your information:

姓名： _____ 单位： _____

电话： _____ 邮箱： _____

Name: _____ Company name: _____

Tel.: _____ Email: _____

您的评价： Your comments:

1. 您认为报告总体上：

很好 较好 一般 较差 很差

1. What do you think of the report as a whole:

Very good Good Average Poor Very poor

2. 您认为报告披露的信息：

非常丰富 较丰富 一般 较少 很少

2. What do you think of the report in terms of the comprehensiveness of information disclosure

Very good Good Average Poor Very poor

3. 您认为报告披露信息的质量：

很高 较高 一般 较低 很低

3. What do you think of the information quality of the report

Very good Good Average Poor Very poor

4. 您认为报告在版式设计上：

很合理 较合理 一般 较差 很差

4. What do you think about the layout design of the report:

Very good Good Average Poor Very poor

5. 您对公司社会责任工作以及编制、发布可持续发展报告的意见和建议, 请在此提出:

5. Please tell us your opinions and suggestions on our CSR work, the reporting preparation and release of sustainability report:

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