

2021

环境、社会及管治报告

Environmental, Social and
Governance Report

关于本报告

报告范围

本报告以上海紫江企业集团股份有限公司为主体，涵盖所属子公司。本报告时间范围自 2021 年 1 月 1 日至 2021 年 12 月 31 日，发布周期为年度，部分信息时效会适当前后延展。

本报告为上海紫江企业集团股份有限公司发布的第 2 份环境、社会及管治（Environmental, Social and Governance, ESG）报告。

报告编制依据

本报告参照上海证券交易所《关于加强上市公司社会责任承担工作暨发布〈上海证券交易所上市公司环境信息披露指引〉的通知》、GB/T 36001-2015《社会责任报告编写指南》、全球可持续发展标准委员会（GSSB）《GRI 可持续发展报告标准》（GRI Standards）和联合国《2030 可持续发展议程》等编制。

报告发布形式

本报告以印刷版（采用环保纸印刷）和网络版两种形式发布，网络版可在本公司网站（http://www.zijiangqy.com）查阅。

本报告以中、英文两种语言发布，在对两种文本理解发生歧义时，请以中文文本为准。

指代说明

企业简称	企业全称
紫江企业、公司、我们	上海紫江企业集团股份有限公司
上海紫泉包装	上海紫泉包装有限公司
上海紫泉标签	上海紫泉标签有限公司
上海紫泉饮料	上海紫泉饮料工业有限公司
上海紫日包装	上海紫日包装有限公司
紫丹食品	上海紫丹食品包装印刷有限公司
上海紫江彩印	上海紫江彩印包装有限公司
上海紫江喷铝	上海紫江喷铝环保材料有限公司
紫华企业	上海紫华企业有限公司
紫江新材料	上海紫江新材料科技股份有限公司
紫东尼龙	上海紫东尼龙材料科技有限公司
紫燕合金	上海紫燕合金应用科技有限公司
紫江国贸	上海紫江国际贸易有限公司
紫江商贸	上海紫江商贸控股有限公司
紫星包装	埃塞俄比亚紫星包装实业有限公司
紫丹印务	上海紫丹印务包装有限公司

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About This Report

Reporting Scope

Shanghai Zijiang Enterprise Group Co., Ltd. is the main reporter, including its subsidiaries. The reporting period ranges from January 1, 2021 to December 31, 2021. The report is published annually, with some information dating back to previous years or referring to later years appropriately.

This is the second Environmental, Social and Governance (ESG) report released by Zijiang Enterprise.

Compilation Conformance

The report is prepared in accordance with the *Notice on Strengthening Listed Companies’ Assumption of Social Responsibility* and the *Guidelines on Listed Companies’ Environmental Information Disclosure* issued by Shanghai Stock Exchange (SSE), the *GB/T 36001-2015 Guidance on Social Responsibility Reporting*, the *GRI Sustainability Reporting Standards (GRI Standards)* issued by Global Sustainability Standard Board (GSSB), the *UN 2030 Agenda for Sustainable Development*, and other relevant standards.

Access to the Report

This report is available in the printed version with environmentally friendly paper and electronic version. The electronic version is available on our official website (http://www.zijiangqy.com).

This report is published in both Chinese and English. The Chinese version shall prevail in case of any discrepancy.

Reference

Company name for short	Company name
Zijiang Enterprise, the Company, we	Shanghai Zijiang Enterprise Group Co., Ltd.
Ziquan Packaging	Shanghai ZiQuan Packaging Co., Ltd.
Ziquan Label	Shanghai Ziquan Label Co. Ltd.
Ziquan Beverage	Shanghai Ziquan Beverage Industry Co. Ltd.
ZiRi Packaging	Shanghai ZiRi Packaging Co., Ltd.
Zidan Food	Shanghai Zidan Food Packaging & Printing Co., Ltd.
Zijiang Color Printing	Shanghai Zijiang Color Printing & Packing Co., Ltd.
ZJMP	Shanghai Zijiang Metallization Environmental Protection Material Co., Ltd.
Zihua Enterprise	Shanghai Zihua Enterprise Co., Ltd.
Zijiang New Material	Shanghai Zijiang New Material Technology Co., Ltd.
Zidong Nylon	Shanghai Zidong Nylon Material Technology Co., Ltd.
Ziyan Alloy	Shanghai Ziyan Alloy Application Technology Co., Ltd.
Zijiang Int’l Trade	Shanghai Zijiang International Trading Co., Ltd.
Zijiang Trading	Shanghai Zijiang Trading Holding Co., Ltd.
ZiXing Packaging	ZiXing Packaging Industry PLC, Ethiopia
Zidan Printing	Shanghai Zidan Printing Co., Ltd.

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高管致辞

2021 年是国家实施“十四五”规划的开局之年，在全球新冠疫情依然肆虐、经济复苏困难重重的形势下，紫江人秉持“清清白白做人，兢兢业业做事”的理念，以创新为驱动，以精益管理为抓手，积极探索企业可持续发展的方向，用智慧和汗水交出了一份令人振奋的答卷。

创新是企业基业长青的源泉所在，也是企业可持续发展的根本保障。这一年中，我们继续深入推动以精益管理为抓手的组织创新，尝试以“细胞”功能重组来优化岗位设置，倡导最大程度发挥各种资源的产出效率。在高度重视产品研发与工艺创新的同时，我们探索并推进数字化工厂管理的进程，参与并起草《锂离子电池封装用尼龙薄膜》《锂离子动力软包蓄电池通用标准》《水性涂层纸杯》等标准，引领行业共同进步。2021 年中，我们的制造业企业申请专利数同比增长 58%。上海紫江新材料、上海紫东尼龙获得国家工信部“专精特新”小巨人荣誉称号。紫江企业位列中国塑料包装前 25 名企业第 1 位。

这一年，我们以“双碳”和高质量发展目标为指引，加强绿色产业投资，发挥紫江“术业专攻”的优势，继续与客户开展连线工厂等各种高效生产模式合作，以期减少对社会资源的消耗、推动低碳建设。在企业内部，我们以分级管控、层层落实的方式，压紧压实生态环境管理的主体责任。作为包装行业的龙头企业，我们牵头与主管部门、行业协会、客户持续探讨 PET 切片再利用、推广“绿色”材料的应用范围等课题，努力秉持“轻量化、再利用、资源化”的原则，将循环经济的理念充分融入到产品全生命周期中。上海紫泉饮料、上海紫江新材料还荣获国家级绿色工厂荣誉称号。紫江人正不断以自己的智慧与力量，为行业实现低碳发展贡献“紫江方案”。

这一年，我们时刻铭记自身的责任与担当，督促企业严格落实安全标准化体系的细节化管控，构建企业的安全绩效。我们充分尊重员工需求，致力打造多元化、无歧视的工作环境，厚植工匠文化，以更宽广的舞台为员工创造更多的成才机会。同时，我们以贡献社会为己任，严控疫情保经济，为郑州防洪救灾尽绵薄之力，与利益相关方共同奏响时代的赞歌。

百舸争流，奋楫者先。在这个充满不确定性的年代里，在绿色发展的主旋律中，我们仍将努力探索。我们坚信只要胸怀理想、无畏挑战，紫江人定将谱写出无愧于历史的新篇章！

Message from the Senior Management

2021 marked the start of the 14th Five-Year Plan period. In spite of the globally raging COVID-19 and difficulties in economic recovery, Zijiang Enterprise, with the philosophy of "Behave Honestly, Work Sedulously", explored sustainable development driven by innovation and lean management, and achieved excellent results.

Innovation is the key and fundamental guarantee of sustainable development. In 2021, we continued to promote organizational innovation based on lean improvement, optimizing positions and maximizing the output efficiency of various resources. While focusing on product R & D and process innovation, we also explored and promoted the digital factory management, and participated in the drafting of standards such as the *Nylon Packaging Film for Lithium-Ion Batteries*, *General standard for pouch lithium-ion traction battery* and *Water-based Coated Paper Cups*. In 2021, our manufacturing subsidiaries applied patents increased by 58% year-on-year. Zijiang New Material and Zidong Nylon were authorized specialized and sophisticated enterprises by the Ministry of Industry and Information Technology (MIIT). Zijiang Enterprise ranked first among the top 25 enterprises of the plastic packaging industry in China.

In 2021, guided by China's carbon peak and carbon neutrality goals (China's 30 · 60 Decarbonization Goal) as well as the high-quality development goal, we strengthened investment in green industries and continued to cooperate with customers in various efficient manufacturing modes based on our expertise, with a view to reducing the consumption of social resources and promoting low-carbon development. Internally, we clarified the responsibility of environmental management at different levels. As a leading enterprise in the packaging industry, we led the discussion with competent authorities, industry associations and customers on topics such as the reuse of PET resins and the promotion of the application scope of "green" materials, striving to integrate the philosophy of circular economy into the whole life cycle of products in line with the principle of "reduce, reuse and recycle". Ziquan Beverage and Zijiang New Material also won the title of National Green Factory. We are contributing our share to the low-carbon development of the industry.

In 2021, keeping in mind our responsibilities, we urged our subsidiaries to strictly implement the detailed control of the safety standardization system and built our safety performance system. We respected the needs of employees, and strove to build a diversified and non-discriminatory workplace. We advocated craftsmanship and aimed to create more growth opportunities for employees on a broader stage. Also, we gave back to society and coordinated COVID-19 control and economic development. We did our bit to support the flood control and disaster relief in Zhengzhou, and achieved common development with our stakeholders.

Thousands of sails compete, and the first must be the hardest. We will strive to explore more possibilities for green development amid uncertainties. We believe that we are going to make new achievements as long as we keep in mind our aspirations and have no afraid of challenges.

关于紫江企业

About Zijiang Enterprise

上海紫江企业集团股份有限公司（股票代码：600210；股票简称：紫江企业）成立于 1988 年，于 1999 年 8 月在上海证券交易所挂牌上市。注册资本 1,516,736,158 元。在制造业领域，公司主营生产和销售 PET 瓶与瓶坯、塑料防盗盖、皇冠盖、塑料标签、塑料彩色印刷及复合包装、纸制品包装、饮料 OEM、喷铝纸及纸板、铝塑膜、BOPA 膜、工业用塑胶容器、镁合金产品及其他新型材料，在生产规模、技术水平、质量水平等方面处于国内行业领先地位。

Founded in 1988, Shanghai Zijiang Enterprise Group Co., Ltd. (stock code: 600210; stock name: Zijiang Enterprise) was listed on Shanghai Stock Exchange (SSE) in August 1999. The Company was incorporated with a registered capital of RMB 1,516,736,158. In the manufacturing industry, as an industry leader in production scale, technical capabilities, and quality in China, we produce and sell PET bottles and preforms, plastic closure, crown caps, plastic labels, plastic color printing and composite packaging, paper packaging, beverage OEM, metalized paper and paperboard, aluminum plastic film, BOPA film, plastic containers for industrial use, magnesium alloy products and other new materials.

2021 年“紫江企业荣誉”
In 2021, Zijiang Enterprise ranked

上海企业 100 强	Among the Shanghai Top 100 Companies
【上海制造业企业 100 强】第 32 位	32 nd among the Shanghai Top 100 Manufacturing Enterprises
【上海民营企业 100 强】第 49 位	49 th among the Shanghai Top 100 Private Enterprises
【上海民营制造业企业 100 强】第 15 位	15 th among the Shanghai Top 100 Private Manufacturing Enterprises
【2020 年度中国包装百强企业】第 5 位	5 th among the 2020 Top 100 Packaging Enterprises in China
【中国塑料包装前 25 名企业】第 1 位	1 st among the Top 25 Plastic Packaging Enterprises in China

报告期内，紫江企业及下属企业积极申报并获评国家、地方及行业协会奖项，并获多项客户认可。
During the reporting period, Zijiang Enterprise and its subsidiaries were presented with a number of honors or awards by national and local authorities and industry associations, and won various commendations from customers.

国家级荣誉
National honors

上海紫泉饮料、紫江新材料获得国家级绿色工厂荣誉称号
Ziquan Beverage and Zijiang New Material won the title of National Green Factory
紫东尼龙获得国家工信部“专精特新”小巨人荣誉称号
Zidong Nylon was authorized specialized and sophisticated enterprises by the MIIT
紫江新材料获得国家工信部“专精特新”重点小巨人企业荣誉称号
Zijiang New Material was authorized Key specialized and sophisticated enterprises by the MIIT
纸包装事业部紫丹食品包装工厂获评工信部 2021 年度智能制造优秀场景
Zidan Food of the Paper Packaging Business Unit was rated as the 2021 Excellent Intelligent Manufacturing Case by the MIIT

【愿景】 打造成为最受尊敬企业	【 Vision 】 To Become the Most Respected Company
【价值观】 专注、简单、持久、执著	【 Value 】 Devotion, Simplicity, Sustainability and Persistence
【座右铭】 清清白白做人，兢兢业业做事	【 Motto 】 Behave Honestly, Work Sedulously

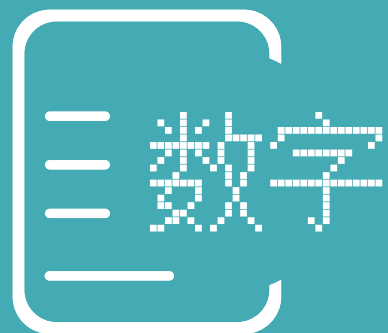
核心价值观
Core values

省市及地方荣誉
Provincial and local honors

紫丹食品荣获第三十三届上海市优秀发明选拔赛优秀创新铜奖
Zidan Food won the Bronze Award for Outstanding Innovation in the 33 rd Shanghai Excellent Invention Competition
成都紫江包装、眉山紫江包装、紫燕合金、上海紫泉标签、安徽紫江复合材料分别获得省市级“专精特新”企业
Chengdu Zijiang Packaging, Meishan Zijiang Packaging, Ziyan Alloy, Ziquan Label and Anhui Zijiang Composite Materials were authorized specialized and sophisticated enterprises at provincial and municipal level respectively
南京紫乐饮料、沈阳紫江包装、沈阳紫日包装获得省级绿色工厂荣誉称号
Nanjing Zile Beverage, Shenyang Zijiang Packaging and Shenyang ZiRi Packaging won the provincial title of Green Factory
上海紫泉包装与上海紫江商贸荣获上海市民营企业总部称号
Ziquan Packaging and Zijiang Trading won the title of Shanghai Private Enterprise Headquarters
上海紫江彩印荣获闵行区区政府质量奖银奖组织称号
Zijiang Color Printing won the Silver Award of the Government Quality Award by Minhang District
紫江新材料获得 2020 年度上海市高新技术成果转化项目百佳
Zijiang New Material was awarded the top 100 high-tech achievement transformation projects in Shanghai in 2020

行业协会荣誉
Honors from industry associations

紫江企业入选科印传媒“2021 中国印刷包装企业 100 强”排行榜
Zijiang Enterprise was selected into the "2021 Top 100 Chinese Printing and Packaging Enterprises" by Keyin Media
紫江企业入选中包联 2020 年度中国包装百强企业
Zijiang Enterprise was listed as one of the 2020 Top 100 Chinese Packaging Enterprises
上海紫江喷铝荣获中国烟草包装信息委员会年度“优质烟包供应商”称号
ZJMP won the title of Annual Quality Cigarette Packaging Supplier by the China Cigarette Packaging Information Committee



让影响更直观

Figures, Even
More Telling



经济履责绩效 Economic Performance

总资产

121.60 亿元

Total assets: RMB 12.160 billion

营业收入

95.29 亿元

Revenue: RMB 9.529 billion

利润总额

7.61 亿元

Total profit: RMB 761 million

每股社会贡献价值

2.00 元

Social contribution value per share: RMB 2.00

申请专利数同比上升

58%

58% more patents applied compared with that of last year

下属企业获得授权专利

266 项

266 authorized patents for subsidiaries



环境履责绩效 Environmental Performance

每万元产值电耗 **619.91** 度 / 万元产值,

同比降幅 **2.39**%

Electricity consumption per RMB 10,000 of output value: 619.91 kWh
Year-on-year decrease: 2.39%

环保投入 **2,733.28** 万元,

同比上升 **29.47**%

Investment in environmental protection: RMB 27.3328 million
Year-on-year increase: 29.47%

节能改造投入 **1,659.21** 万元

Investment in energy-saving transformation: RMB 16.5921 million

利用清洁能源发电 **1,183.88** 万度,

同比上升 **74.61**%

Power generation by clean energy: 11,838.8 GWh,
Year-on-year increase: 74.61%

废气达标排放率 **100**%

Up-to-standard discharge rate of waste gas: 100%

废水达标排放率 **100**%

Up-to-standard discharge rate of wastewater: 100%

无害废弃物社会循环利用率 **95.94**%

Recycling rate of harmless waste across the whole society: 95.94%



社会履责绩效 Social Performance

员工总数 **6,899** 人

Total employees: 6,899

下属企业女性高管比例 **16.90**%

Proportion of female executives in subsidiaries: 16.90%

社会保险覆盖率 **100**%

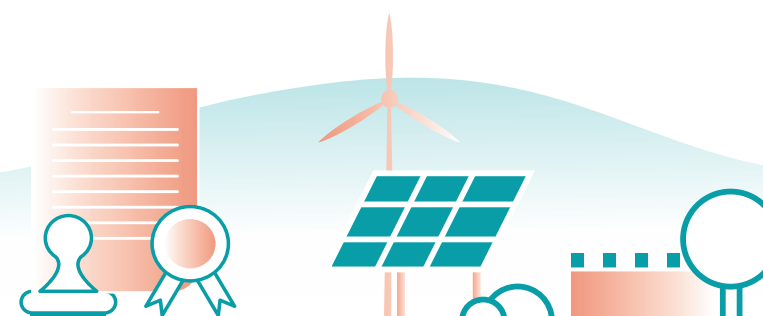
Social insurance coverage: 100%

员工敬业度平均分 **91.18** 分

Average score of employee dedication: 91.18

为郑州洪水灾后重建捐赠 **300** 万元

RMB 3 million donated to Zhengzhou for post flood reconstruction





责任瞬间 蓄势出发 CSR Snapshots in 2021

1 月 January

- 安徽紫江喷铝获省市两级专精特新中小企业认定
Anhui ZJMP was recognized as an "Specialized and Sophisticated SME" both at provincial and municipal level.

2 月 February

- 上海紫江彩印获 2020 年度闵行区区长质量奖组织奖银奖
Zijiang Color Printing won the Silver Award of the 2020 Government Quality Award by Minhang District.

3 月 March

- 纸包装事业部紫丹食品获百胜供应商大会“卓越供应链奖”和“创新飞轮奖”
Zidan Food of the Paper Packaging Business Unit won the Excellent Supply Chain Award and the Innovation Award at the YumChina Supplier Conference.

4 月 April

- 纸包装事业部湖北紫丹包装科技有限公司总经理巩洪亮荣获 2021 年全国“五一劳动奖章”
Gong Hongliang, General Manager of Hubei Zidan Packaging & Technology Co., Ltd. of the Paper Packaging Business Unit, won the National May 1st Labor Medal in 2021.
- 紫江企业获中国红十字会奉献奖章，以表彰紫江企业在抗击新冠疫情过程中所作的贡献
Zijiang Enterprise won the Dedication Medal of the Red Cross Society of China for its contributions to the fight against COVID-19.
- 紫江企业与开放大学合作办学在职工专科和本科学历教育提升项目 2021 年春季班开学
The 2021 spring semester class of the junior college and undergraduate improvement program for in-service staff organized by Zijiang Enterprise and Shanghai Open University opened.

5 月 May

- 上海紫江喷铝启用新商标“炫玩”
ZJMP launched the new trademark "Xuanwan".
- 紫江新材料被列入建议支持的国家级专精特新“小巨人”企业公示名单（第一批第一年），进入工信部“专精特新”重点小巨人企业行列
Zijiang New Material was listed into the national "Specialized and Sophisticated SMEs" suggested to be supported (the first batch in the first year), among the key specialized and sophisticated enterprises by the MIIT.

6 月 June

- 上海紫日包装与上海应用技术大学合作开发的“超硬物理气相沉积涂层技术应用”项目荣获“2020 年度上海市科学技术奖”科技进步奖二等奖
The "Application of Physical Vapor Deposition (PVD) Superhard Coating" project jointly carried out by ZiRi Packaging and Shanghai Institute of Technology won the second prize of the 2020 Shanghai Science and Technology Award.
- 紫江企业成为首批获得中国银行碳配额质押创新融资的实体企业
Zijiang Enterprise became one of the first batch of entities to get the innovative financing of carbon quota pledge from Bank of China.

7 月 July

- 上海紫泉饮料、上海紫泉标签、紫江新材料、上海紫日包装、紫燕合金、紫东尼龙被认定为闵行区 2021 年度企业技术中心
Ziquan Beverage, Ziquan Label, Zijiang New Material, ZiRi Packaging, Ziyan Alloy and Zidong Nylon were all recognized as the 2021 Enterprise Technology Center of Minhang District in 2021.

8 月 August

- 紫东尼龙获评工信部“专精特新”小巨人企业
Zidong Nylon was rated as the specialized and sophisticated enterprises by the MIIT.
- 紫江企业向河南省郑州高新区慈善总会捐赠 300 万元，用于支持郑州高新区灾后重建工作
Zijiang Enterprise donated RMB 3 million to the Zhengzhou Gaoxin District Charity Federation in Henan to support the reconstruction of the Gaoxin District, Zhengzhou, after the flood disaster in 2021.
- 紫江企业荣登“2021 上海企业 100 强”榜单，位居 100 位。在分类榜单中，紫江企业列“制造业企业 100 强”第 32 位、“民营企业 100 强”第 49 位、“民营制造业企业 100 强”第 15 位
Zijiang Enterprise ranked 100th among the 2021 Shanghai Top 100 Companies, 32nd among the Shanghai Top 100 Manufacturing Enterprises, 49th among the "Shanghai Top 100 Private Enterprises", and 15th among the "Shanghai Top 100 Private Manufacturing Enterprises".
- 纸包装事业部检测中心成立，全方位提升企业检测食品接触类包装质量能力
The Testing Center of the Paper Packaging Business Unit was established to comprehensively improve Zijiang Enterprise's ability of detecting the quality of food contact packaging.

9 月 September

- 上海紫江彩印、上海紫江喷铝、紫燕合金、紫东尼龙被认定为上海市院士（专家）工作站
Zijiang Color Printing, ZJMP, Ziyan Alloy and Zidong Nylon were recognized as Shanghai Academician (Expert) Workstations.

10 月 October

- 紫江企业与上海开放大学合作举办的首届紫江企业“工匠研修班”开班
The first "Craftsman Workshop" jointly held by Zijiang Enterprise and Shanghai Open University opened.

11 月 November

- 瓶盖标签事业部发起并主办首届饮料“标签创新大会”
The Crown Cap & Label Business Unit hosted the First Beverage Label Innovation Conference.
- 紫江新材料的内层持久耐腐蚀高冲深型铝塑膜（B113/P113）产品登上 2020 年度上海市高新技术成果转化项目百佳榜单
Zijiang New Material's inner durable corrosion-resistant high impact aluminum plastic film (B113/P113) was listed among the 2020 top 100 high-tech achievements transformation projects in Shanghai.
- 上海紫江喷铝“微结构定位图文节能型炫彩全息环保材料”荣获 2021 年度包装行业科学技术奖三等奖
ZJMP's "high precision micro structure registered energy-saving colorful holographic environmental-friendly materials" won the third prize of the 2021 Packaging Industry Science and Technology Award.

12 月 December

- 紫华科技获市清洁生产专项资金扶持，薄膜智能车间被认定为闵行区数字化车间
Zihua Enterprise received the municipal clean production fund and its film intelligent workshop was recognized as a digital workshop of Minhang District.
- 纸包装事业部的“百优盒”获颁世界中餐业联合会授予的“烽火杯—2021 餐饮包装影响力奖”
The "Baiyou Box" developed by the Paper Packaging Business Unit was awarded the "Fenghuo Cup - 2021 Most Influential Catering Packaging Award" by the World Federation of Chinese Catering Industry.
- 紫江新材料获颁工信部国家级绿色工厂称号
Zijiang New Material won the title of National Green Factory by the MIIT.
- 紫江企业股份荣获“2020 年度中国包装百强企业”第五位
Zijiang Enterprise ranked 5th among the 2020 Top 100 Packaging Enterprises in China.

01

绿色未来 保护生态发展

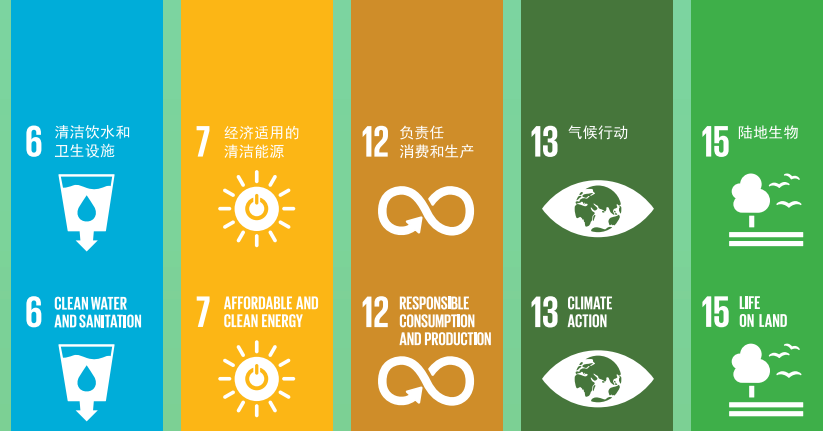
包装、印刷对生态环境的影响以及实现碳达峰、碳中和的路径正受到广泛关注和讨论。作为包装行业的领先企业，紫江企业致力于成为包装行业绿色低碳转型的先行者。我们将可持续发展理念融入公司生产经营活动的各个环节，与合作伙伴携手，引领包装行业向环境友好、绿色低碳的方向转变。

The impact of packaging and printing on the ecological environment and the path to carbon peak and carbon neutrality are being widely concerned and discussed. As a leading enterprise in the packaging industry, Zijiang Enterprise is committed to becoming a pioneer in the green and low-carbon transition of the packaging industry. We incorporate the sustainability philosophy into all steps of the Company's production and operation, and work with our partners to lead the packaging industry to be environment-friendly, green and low-carbon.



举措 Measures

- 坚持绿色运营
Pursuing Green Operation
- 打造绿色供应链
Building a Green Supply Chain
- 深化节能减排
Enhancing Energy Conservation and Emission Reduction
- 应对气候变化
Tackling Climate Change
- 促进循环经济
Facilitating Circular Economy
- 提升环保意识
Raising Environmental Awareness



关键绩效 Key performance

- 环保投入 **2,733.28** 万元，
同比增加 **29.47%**
Investment in environmental protection
RMB 27.3328 million
29.47% year-on-year increase
- 节能改造投入 **1,659.21** 万元，
同比增加 **27.68%**
Investment in energy-saving
transformation RMB 16.5921 million
27.68% year-on-year increase
- 每万元产值电耗 **619.91** 度 / 万元产值，
同比降幅 **2.39%**
Electricity consumption per RMB 10,000 of
output value 619.91 kWh
2.39% year-on-year decrease
- 利用清洁能源发电：**1,183.88** 万度，
同比增长 **74.61%**
Power generation by clean energy 11.8388
million kWh
74.61% year-on-year increase

Protecting Ecological
Development
for a Greener Future

坚持绿色运营

Pursuing Green Operation

完善的环境管理体系是企业实现可持续发展的基础，保护环境的实质就是保护生产力。紫江企业积极响应国家“十四五”规划中“生态文明建设实现新进步”的有关要求，严格遵守环境相关法律法规及行业指引，不断完善环境管理体系、强化环境应急管理，全方位为企业绿色转型夯实基础。

A sound environmental management system is the foundation for sustainable corporate development, because protecting the environment is to protect productivity. In line with the relevant requirements of "New progress will be made in building an ecological civilization" stipulated in China's 14th Five-Year Plan and relevant environmental laws and regulations and industry guidelines, Zijiang Enterprise continuously improves the environmental management system and strengthens environmental emergency management, striving to lay a solid foundation for the all-round green transformation.

加强环境管理

Strengthening environmental management

我们高度重视环境保护，不断加强环境管理体制和机制建设，持续完善环境管理体系，实行分级负责、协同开展的管理模式。公司设立安全生产与清洁生产管理委员会，负责统筹规划和研判决策环境管理的相关工作；各下属单位设有专门的环境管理部门及专职负责人员，推动环境管理工作的落实。现行《上海紫江企业集团股份有限公司清洁生产/EHS管理指引》《紫江企业集团股份有限公司下属企业环保巡查评估》等制度，确保工作有章可循。制定《环保检查评估表》，开展“环保一日一报检查”、宣传教育、督促检查等措施，落实环保主体责任和自查自纠，督促下属企业环保管理水平持续提升，及时规避环境风险。

With great emphasis on environmental protection, we continuously improve our environmental management systems and mechanisms, and implement a management model of hierarchical accountability and coordinated development. The Work Safety and Clean Production Management Committee has been established for overall planning, research and decision-making related to environmental management; meanwhile, a special environmental management department with full-time responsible personnel has been established in each subsidiary to promote the implementation of environmental management. Besides, our current regulations such as the *Clean Production / EHS Management Guidelines* and the *Environmental Protection Inspection and Evaluation of Zijiang Enterprise Subsidiaries* underpin all related actions. According to our *Environmental Protection Inspection and Evaluation Table*, we keep daily reporting, supervision and inspection to ensure self-correction and launch environmental publicity. While fulfilling our responsibility of environmental protection, we supervise our subsidiaries to keep optimizing their environmental management so that they can avoid environmental risks timely.

关键绩效 Key performance

获得 ISO 14001 环境管理体系认证的下属企业 **14** 家

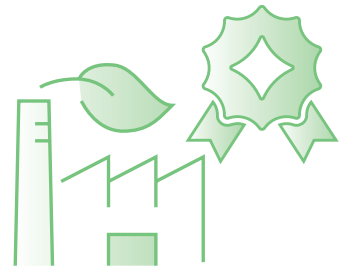
14 subsidiaries of Zijiang Enterprise obtained the ISO 14001 Environmental Management System Certification

新增国家级绿色工厂 **1** 家

1 national green factories added

新增省级绿色工厂 **2** 家

2 provincial green factories added



健全应急管理

Improving emergency management

我们始终将保障员工健康、保护环境作为环境管理的重点工作。通过完善预防性的事前管理机制，制定完善的环保事故应急预案，避免各种突发环境事故可能造成的影响。下属企业编制完成并落实的突发环境事件应急预案，为有效、快速应对环境污染、保障环境安全提供了健全的应急机制和措施。同时，紫江新材料等企业定期开展环境应急预案的演练，有效提升员工处置突发环境事件的能力。

Employee health and environmental protection are the top priorities in our environmental management. To this end, a preventive management mechanism and a solid contingency plan for environmental accidents have been formulated and optimized to avoid the possible impact of unexpected environmental accidents. The contingency plan for environmental emergencies prepared and implemented by our subsidiaries serve as sound emergency response mechanisms and measures to effectively and quickly tackle environmental pollution and ensure environmental safety. At the same time, Zijiang New Material and other subsidiaries regularly conduct drills on the environmental contingency plan to effectively improve the emergency response capabilities of employees.

下属企业绿色工厂建设成果

Achievements of subsidiaries in building green factories

绿色工厂等级 Grade of green factories	被认定企业 Company	认定单位 Certification body
国家级绿色工厂 National green factory		工业和信息化部 MIIT
上海市绿色工厂 (四星) Shanghai municipal green factory (four-star)	上海紫泉饮料工业有限公司 Shanghai Ziquan Beverage Industry Co. Ltd.	上海市经济和信息化委员会 Shanghai Municipal Commission of Economy and Informatization
	上海紫江新材料科技股份有限公司 Shanghai Zijiang New Material Technology Co., Ltd.	上海市发展和改革委员会 Shanghai Municipal Development and Reform Commission
省级绿色工厂 Provincial green factory	南京紫乐饮料工业有限公司 Nanjing Zile Beverage Industry Co., Ltd.	江苏省工业和信息化厅 Industry and Information Technology Department of Jiangsu Province
	沈阳紫日包装有限公司 Shenyang Ziri Packaging Co., Ltd. 沈阳紫江包装有限公司 Shenyang Zijiang Packaging Co., Ltd.	辽宁省工业和信息化厅 Industry and Information Technology Department of Liaoning Province

打造绿色供应链

Building a Green Supply Chain

将“绿色”理念融入到传统供应链体系管理中，兼顾经济效应和环境效应，是企业可持续发展的必修之课。我们以制度为保障，以精益管理为实现方式，着眼于上下游供应链的优化以及运营全流程的效率提升，我们不断深化绿色采购理念，优化包装物流方式，打造责任供应链，不断完善运营体系，积极践行绿色可持续运营理念。

It is a compulsory course for corporate sustainability to integrate the concept of green development into the traditional supply chain management and take into account both the economic and environmental benefits. Supported by the management system, we focus on optimizing the upstream and downstream supply chain as well as improving the efficiency of the whole operation process through lean management. We continue to enhance green procurement, and optimize the logistics, and constantly improve the operation system, in an effort to create a responsible supply chain and achieve the green and sustainable operation.

完善责任供应体系

Improving the responsible supply system

我们将社会责任理念融入供应商管理的各个环节，并充分发挥“紫江企业供应链协同管理平台”的资源整合作用，在提升公司响应速度和反应能力的同时，引导供应商开展履责行动，为打造责任供应链奠定坚实基础。

We incorporate social responsibility into all steps of supplier management and integrate resources based on the Zijiang Enterprise Group Supply Chain Collaborative Management Platform. While improving the Company's response, we also guide suppliers to take CSR actions, laying a solid foundation for a responsible supply chain.



紫江企业供应链协同管理平台
Zijiang Enterprise supply chain collaborative management platform



纸包装事业部全面开展供应商闭环管理

The Paper Packaging Business Unit's closed-loop supplier management

纸包装事业部将社会责任理念与供应商管理相结合，持续整合并夯实采购管理体系和供应商管理流程，完善供应商准入、考核监察办法。同时，收集物料生产厂商的信息，根据食品安全、质量体系的标准要求及供方提供的产品或服务的基本质量要求，按照《供方资格评审报告》对供方进行审核，进行月度考评和年度考评，持续加强供应商在不同领域中的履责实践。

The Paper Packaging Business Unit integrates social responsibility with supplier management, enhances the procurement management system and supplier management process, and improves supplier access as well as assessment and supervision. Besides, it collects the information of material manufacturers and conducts monthly and annual evaluation on the suppliers according to the standards and requirements of the food safety and quality system, the basic quality requirements of products or services provided by the suppliers as well as the *Supplier Qualification Review Report* the conduct, thus continuously strengthening the supplier's CSR performance in different fields.

案例 Case

践行绿色采购理念

Implementing green procurement

我们优先采购具有绿色环保性质的生产物资，逐步推进无纸化采购系统，并以制度为保障，积极拓展绿色可持续理念。同时，我们通过发挥集团采购优势，整合需求信息，对于公路运输、达到一定规模的包装纸箱等包装物、通用备品备件进行了统一的招投标管理，筛选有体系保障、重视社会责任的供应商作为合作伙伴。此外，各企业持续优化绿色采购制度，修订绿色采购标准与规则，明确在供应商评估指标中提出环境等相关内容，着力推动环境管控不断向供应链上游传递。

We give priority to purchasing green raw materials, promote the paperless procurement system, and actively expand green sustainability with the system as the guarantee. Meanwhile, we leverage our strength in procurement to collect demands and carry out the unified bidding management for packaging for road transport, cartons of a certain size and general spare parts. Reliable suppliers who value social responsibility and have sound institutional guarantees will be selected as our partners. In addition, all of our subsidiaries continue to optimize the green procurement system, revise the green procurement standards and rules, and put forward clear environmental indicators in the supplier evaluation, striving to promote the environmental control in the upstream of the supply chain.

瓶盖标签事业部引进 MRO 系统 The Crown Cap & Label Business Unit's MRO system

上海紫泉标签有限公司针对非生产性物资引进 MRO 系统，实现非生产性物品的全球采购。MRO 系统的应用，有效提高企业处理意外事故发生的风险，降低采购产品出现缺货的情况，为公司绿色采购水平的提升提供有力支持。

Ziquan Label introduced MRO system for non-productive materials to realize the global procurement of non-productive goods. The application of MRO system effectively improves the ability to handle accidental risks, avoids the shortage of purchased products, and provides strong support for the improvement of the Company's green procurement.

容器包装事业部合同订单无纸化 The Container Packaging Business Unit's paperless contracts and orders

与常用料供应商签订年度框架合同，实际订购以电子订单为准，对方发电子对账单，核对应可直接开发票；部分备品备件报价以电子邮件方式，OA 网上审批，实现订单、送货单的无纸化。

It signs the annual framework contracts with the suppliers of common materials. The purchase is made through the digital order and then the invoice is issued after check. The quotation of some spare parts is made via e-mail and approved by OA, so as to achieve the paperless order and delivery note.

紫日包装采购流程电子化 ZiRi Packaging's digital procurement

识别采购及其管控要素，将传统纸面申请审批流程嵌入企业微信平台审批模块，实现无纸化审批，移动端实时在线绿色高效办公。

It identifies procurement and the controlling elements, and incorporates the traditional paper application and approval process into the approval module of the WeCom platform, thus realizing paperless approval as well as green and efficient office through mobile terminal.

紫江新材料绿色采购管理 Zijiang New Material' green procurement management

与合格供应商签订《绿色环保协议》，在协议上明确相关的要求和法律法规信息；公司的环境要求及职业健康安全告知书给到每家供应商，明确雇员的职业健康与安全风险等规定；要求各供应商提供必要的证明、安全环保数据资料和 ROHS, REACH 检测报告等信息。

It signs the *Green Agreement* with qualified suppliers, which state clearly the relevant requirements and legal information. The company's environmental requirements and statement on occupational health and safety are also sent to each supplier to clarify the regulations on the occupational health and safety risks of employees. All suppliers are required to provide necessary certificates, safety and environmental protection data, ROHS and REACH reports and etc.

紫东尼龙优先采购绿色产品 Zidong Nylon's priority for green products

在采购原辅材料及零部件时，优先采购环境认证和有绿色认证的产品。与化工产品提供商签定相关环境管理协议，要求减少运输过程中的环境污染，绿色回收处理，减少对环境的影响。

When purchasing raw and auxiliary materials and spare parts, it prioritizes products with environmental certification and green certification. It also signs the environmental management agreement with chemical product suppliers, requiring them to reduce environmental pollution during transportation and recycle materials for green treatment to reduce the impact on the environment.



绿色采购管理措施
Measures for green procurement management

“紫江彩印是苏州昆岭最重要的合作伙伴之一，我司高度赞赏紫江提出的环境友好理念，也使得我司对材料再利用的方面有了更多的理解和实践，希望苏州昆岭和紫江彩印后期有更长久、更深度的合作项目，实现绿色共赢的长期合作。”

Zijiang Color Printing is one of the most important partners of Suzhou Kunling. We highly appreciate the environmentally friendly philosophy put forward by the company, which also enables us to better understand recycling and have more practices. We hope that we could have longer and deeper cooperation with Zijiang Color Printing and jointly contribute to environmental protection and achieve win-win results.

——苏州昆岭薄膜工业有限公司
——Suzhou Kunling Film Industry Co., Ltd

改进包装与运输方式

Optimizing packaging and transportation

包装物的回收与处置是完善绿色供应链中不容忽视的挑战。下属企业从自身业务运营流程出发，深入挖掘在原材料及产品储运方面减少包装废弃物产生的潜力。携手产业链上下游的伙伴共同攻克包装物回收与处置的难题。2021 年，紫江企业多个下属企业通过与供应商共同探讨原材料包装改进，大幅减少了包装物废料的产生。

The recycling and disposal of packaging materials is an inevitable challenge in improving the green supply chain. Our subsidiaries explore how to reduce packaging waste in the storage and transportation of raw materials and products, based on their own business and operation process. Furthermore, we work on the packaging recycling and disposal with upstream and downstream partners along the industrial chain. In 2021, a number of our subsidiaries greatly reduced packaging waste by working with suppliers to improve the packaging of raw materials.

改变包装方式，实现减废增效

Reducing waste and increasing efficiency by improving the packaging

容器包装事业部尝试以槽罐车运输主要原材料——PET 切片，替代了编织袋 24,000 多个的使用，从源头上消除污染。同时，事业部企业使用“集装箱 + 回用内衬袋”的包装方式运输 PET 切片。两种方式可直接实现将 30 吨左右切片注入 PET 料仓，省去了叉车逐包卸货、入仓、短驳、吊装、割袋等流程和人工费用，同时杜绝了员工在操作过程中的安全风险。

此外，上海紫泉标签以“大桶 + 内衬袋”的改良油墨包装，实现大桶的重复使用。上海紫江喷铝改良水性化工原料包装，变小桶为大桶，并实现回收再利用。

未来，紫江企业将与更多的产业链上的伙伴群策群力，共同攻克包装物的回收与处置的难题。

The Container Packaging Business Unit chooses to transport PET resins, its main raw materials, by tank trucks and by "containers + recycled liner bags", instead of by more than 24,000 woven bags, which eliminated pollution from the source. The two methods can directly inject about 30 tons of resins into the PET silo, which remove many processes and save labor costs, and also avoid the safety risks of employees in the operation.

In addition, Ziquan Label has realized the reuse of barrels by using the improved "barrel + liner bag" for ink packaging. ZJMP has also realized so by improving the packaging of water-based chemical raw materials from small barrels into larger ones.

Zijiang Enterprise will work with more partners along the industrial chain to make breakthroughs in the recycling and disposal of packaging materials.

案例
Case



深化节能减排

Enhancing Energy Conservation and Emission Reduction

我们严格遵守国家及地方法律法规开展生产制造业务，并始终以国家最新环境管理政策与生态文明建设要求为引导，结合自身实际情况深化各环节的节能减排工作，制定年度管理指标，推进环境管理绩效逐年提升。

In strict compliance with national and local laws and regulations and guided by the latest national environmental management policies and requirements on ecological civilization, we have formulated the annual management indicators based on our actual conditions in energy conservation and emission reduction, thus improving our environmental management performance during manufacturing.

关键绩效 Key performance



通过 ISO 50001 能源管理体系认证的下属企业 **13** 家

13 subsidiaries passed ISO 50001-Energy management system certification

通过 GB/T 23331-2012 能源管理体系要求认证的下属企业 **2** 家

2 subsidiaries passed GB/T 23331-2012 Energy management system certification

加强能耗管理

Strengthening energy consumption management

我们将能源消耗纳入管理指标，鼓励和支持下属企业优先使用节能设备，同时鼓励下属企业通过汰旧换新、能效提升、工艺改进、数字化等多种措施并行，不断挖掘能效提升的空间，推进生产运营提质增效。

We regard energy consumption as an important daily management work and support our subsidiaries to prioritize energy-saving equipment, encourage them to continuously tap the potential for improving energy efficiency and promote the quality and efficiency of production and operation by taking a variety of measures such as replacing the old equipment, improving energy efficiency and process as well as enhancing IT-application.

关键绩效 Key performance

紫江企业 2021 年节能项目情况

Zijiang Enterprise's energy-saving transformation projects in 2021

实施节能改造项目 **13** 项

Energy-saving transformation projects: 13

节能改造投入 **1,659.21** 万元

Investment in energy-saving transformation: RMB 16.5921 million

紫江企业 2021 年能源使用情况

Zijiang Enterprise's energy consumption in 2021

单位产值能耗同比下降 **2.2**%

Year-on-year decrease of energy consumption per unit of output value: 2.2%

利用清洁能源发电同比上升 **74.61**%

Year-on-year increase of power generation by clean energy: 74.61%



关键目标
Key Targets

指标内容 Indicator	2020 年 2020	2021 年 2021	2025 年目标值 Target by 2025
每万元产值电耗（度 / 万元产值） Power consumption per RMB 10,000 of output value (kWh)	635.11	619.91	547.38
节能灯功率占总照明功率比 Ratio of the power of energy-saving lamps to total lighting power	78%	89.22%	≥94%
节能公用设施功率占公用设施总功率 Ratio of power of energy-saving utilities to total power of electric facilities	32.15%	34.41%	≥67%

注： 1. 每万元产值电耗 = 紫江企业下属制造企业年耗用电度数 / 年完工总产值。
2. 节能灯功率占总照明功率比 = 节能照明灯功率 / 全国工厂总照明灯功率。
3. 节能公用设备设施功率占公用设备设施总功率比 = 节能公用设备设施功率 / 公用设备设施总功率。
4. 数据覆盖紫江企业下属制造企业全国工厂。

Note: 1. Power consumption per RMB 10,000 of output value = Annual power consumption of manufacturing subsidiaries of Zijiang Enterprise / Total annual output value.
2. Ratio of the power of energy-saving lamps to total lighting power = power of energy-saving lamp / total lamp power of plants nationwide.
3. Ratio of the power of energy-saving utilities to total power of utilities = power of energy-saving utilities / total power of electric facilities.
4. The data covers manufacturing subsidiaries of Zijiang Enterprise nationwide.



紫燕合金引入新装备提高空压系统，年节电量 38.5 万度，系统节电率 29.3%。
Ziyan Alloy introduces new equipment to improve the air compressor system, saving 385 MWh annually with a power saving rate of 29.3%.



紫江新材料通过开展导热油锅炉排烟口热能回用项目改造，每年可节约天然气约 25,000 立方米，节能率约为 11.6%。
Zijiang Mew Material reuses the thermal energy at the smoke outlet of the heat-conducting oil boiler, which can save about 25,000 m³ of natural gas every year with an energy saving rate of about 11.6%.



紫泉包装全面推进 RTO 余热回收综合利用，通过设备改造充分利用 RTO 废气处理设备产生的高热达标烟气，作为印刷机干燥部分的能量来源，大幅降低印刷机加热所消耗的电能。广东紫泉标签印刷机改造后节电率为 45% 左右。
Ziquan Packaging promotes the recycling and reuse of RTO waste heat, and takes the high-heat smoke generated by RTO waste gas treatment equipment as the energy source of the drying part of the printing machine, which greatly reduces the electric energy consumed by the heating of the printing machine. The power saving rate of the Guangdong Ziquan Label printing machine after transformation reaches about 45%.

上海紫江喷铝推出全新节能型炫彩全息环保材料
ZJMP's energy-saving colorful holographic environmental-friendly materials

为解决传统全息喷铝纸存在生产能耗高和涂布排放大的问题，上海紫江喷铝研制的节能型炫彩全息环保材料，使两道镭射喷铝纸生产环节的能耗降低为原先的 30%-40%，节约生产用电、用气 25% 以上。

In order to reduce the high energy consumption and the heavy waste gas emission in the manufacturing of the traditional holographic metallized paper, ZJMP developed the energy-saving colorful holographic environmental-friendly materials, which is able to reduce the energy consumption by 60%-70%, and save more than 25% of power and gas.

推动废气管理

Promoting waste gas management

我们根据国家法律法规以及地方指引要求，严格落实废气源头减排与末端治理。运用信息化技术，实现废气控排企业末端治理排放在线全流程、实时监测，废气排放做到 100% 达标。

In accordance with national laws and regulations as well as local guidelines, Zijiang Enterprise strictly implements the strategy of source emission reduction and end emission treatment, and applies information technology for whole-process and real-time monitoring of waste gas emissions. All the waste gas emitted meet relevant emission standards.

2021 年废气治理投入及控排企业废气减排绩效
Waste gas treatment investment and emission reduction performance of subsidiaries under waste gas treatment control in 2021

指标内容 Indicator	2020 年 2020	2021 年 2021	增减量 Difference
废气治理投入（万元） Investment in waste gas treatment (RMB10,000)	1,453.99	1,538.84	5.84%
控排企业 NMHC 排放量（吨） NMHC emissions of subsidiaries under waste gas treatment control (tons)	105.20	86.32	-17.95%
控排企业 NOx 达标排放量（吨） NOx up-to-standard emission of subsidiaries under waste gas treatment control (ton)	1.76	1.67	-5.11%

注： 1. 控排企业：指下属控股企业被当地省、市环保部门列为废气控排名单企业。
2. 非甲烷总烃（NMHC）、氮氧化物（NOx）排放总量为排口自动监测、手工监测计算。
3. 2021 年主要通过提高无溶剂复合占比、LEL 减风增浓 +RTO 工艺、逐步淘汰活性炭吸附收集和处置设施，提高废气减排量。

Note: 1. Subsidiaries under waste gas treatment control refer to subsidiaries who are included in the emission control list by the local provincial and municipal environmental protection departments.
2. The total emissions of NMHC and NOx are automatically monitored at the outlet and manually calculated.
3. In 2021, the emission of waste gas was reduced mainly by increasing the ratio of solvent-free synthesis, applying LEL +RTO, and removing activated carbon collection and disposal facilities.



上海紫江彩印无溶剂工艺从源头减少 VOCs 排放
Zijiang Color Printing's solvent-free synthesis reduces VOCs emissions from the source

上海紫江彩印全面推广无溶剂工艺替代溶剂型复合应用。无溶剂复合产品产量连续三年保持 10% 以上增长。2021 年生产无溶剂复合产品 15,674 万米，相比溶剂型复合工艺，可从源头减少乙酸乙酯 VOCs 产生量 395 吨，减少因溶剂型复合工艺溶剂挥发干燥、VOCs 治理装置能耗合计 1,072 吨标煤。

Zijiang Color Printing promotes the solvent-free synthesis to replace solvent-based synthesis. The output of solvent-free synthesis products has maintained an increase of more than 10% for three consecutive years. In 2021, 156.74 million meters of solvent-free synthesis products were produced, which reduced 395 tons of Ethyl acetate VOCs emissions from the source compared with that of the solvent-based synthesis, thus reducing 1,072 tons of standard coal in total consumed by the evaporation and drying and the VOCs treatment device of the solvent-based synthesis.

案例
Case



提升废弃物管理
Improving waste
management

我们严格遵照各级管理部门以及相关法律、法规、标准的要求对危险废弃物进行收集和贮存。通过鼓励技术创新，紧抓源头控制，在防止危废品意外泄漏流失的基础上，推进危废的减量化、无害化和资源化。

We collect and store hazardous wastes in strict accordance with the requirements of management departments at all levels as well as relevant laws, regulations and standards. By encouraging technological innovation, we pay close attention to source control and promote the reduction, harmless treatment and recycling of hazardous wastes on the basis of preventing the accidental loss of hazardous wastes.



低温热泵污泥烘干技术，助力纸包装事业部降污减排
The Paper Packaging Business Unit's low-temperature heat pump sludge drying technology contributes
to its pollution and emission reduction

纸包装事业部在 2020 年成功引进污泥烘干项目后，继续加大投资力度，2021 年累计总投资 160 万元，在上海紫丹印务工厂也开展了低温热泵污泥烘干改造。利用热泵干燥机的制冷系统，使自身干燥室的空气降温脱湿，脱湿后的空气再由热泵加热烘干污泥，整套系统实行闭式循环，危险废弃物由改造前的万元产值 112.45 公斤降至 39.61 公斤，降幅达 64.78%。

After the introduction of the sludge drying project in 2020, the Paper Packaging Business Unit continued to increase investment. In 2021, a total of RMB 1.6 million was invested for the low-temperature heat pump sludge drying renovation in Zidan Printing. The refrigeration system of the heat pump dryer is used to cool and dehumidify the air in its drying room, and the dehumidified air is again heated by the heat pump to dry the sludge. The whole system has a closed circulation. The hazardous wastes per RMB 10,000 of output value have been reduced from 112.45 kg to 39.61 kg, a decrease of 64.78%.

案例
Case



加强水资源管理 Strengthening water resources management

我们关注废水管理，避免污水对周围水资源的污染。我们鼓励下属企业开展污水循环使用，或经处理后回用；优化生产工艺，引进新型污水处理设备，逐步探索智能化水处理系统的应用。

We pay attention to wastewater management to avoid any pollution to surrounding water resources. We encourage our subsidiaries to recycle or reuse waste water after treatment, optimize the manufacturing process, introduce new wastewater treatment equipment, and explore the application of the smart water treatment system.

关键绩效 Key performance



指标内容 Indicator	2020 年 2020	2021 年 2021	2025 年 目标值 Target by 2025
PET 瓶单位饮料水耗用率（升 / 升） Water consumption per unit of beverage of PET bottle (liter/ liter)	2.53	2.36	2.1
易拉罐单位饮料水耗用率（升 / 升） Water consumption per unit of beverage of ring-pull can (liter/ liter)	6.37	6.79	4.5
注：单位饮料水耗用率 = 年耗用水总量 / 年生产饮料总量。 Note: Water consumption per unit of beverage = Total annual water consumption/ Total annual output of beverage.			

优化工艺减少废水 Optimizing process to reduce wastewater

各企业在遵守各项法律法规的基础上，主动探究减少有害废水排放的方法。2021 年，上海紫江喷铝通过优化工艺流程，含镍废水产生量由原来的每月 30 吨下降到每月 25 吨左右。同时，上海紫江喷铝在处理含镍废水的设备上加装在线检测装置，将检测数据实时传送至当地环保局备案留存，主动回应监管要求。

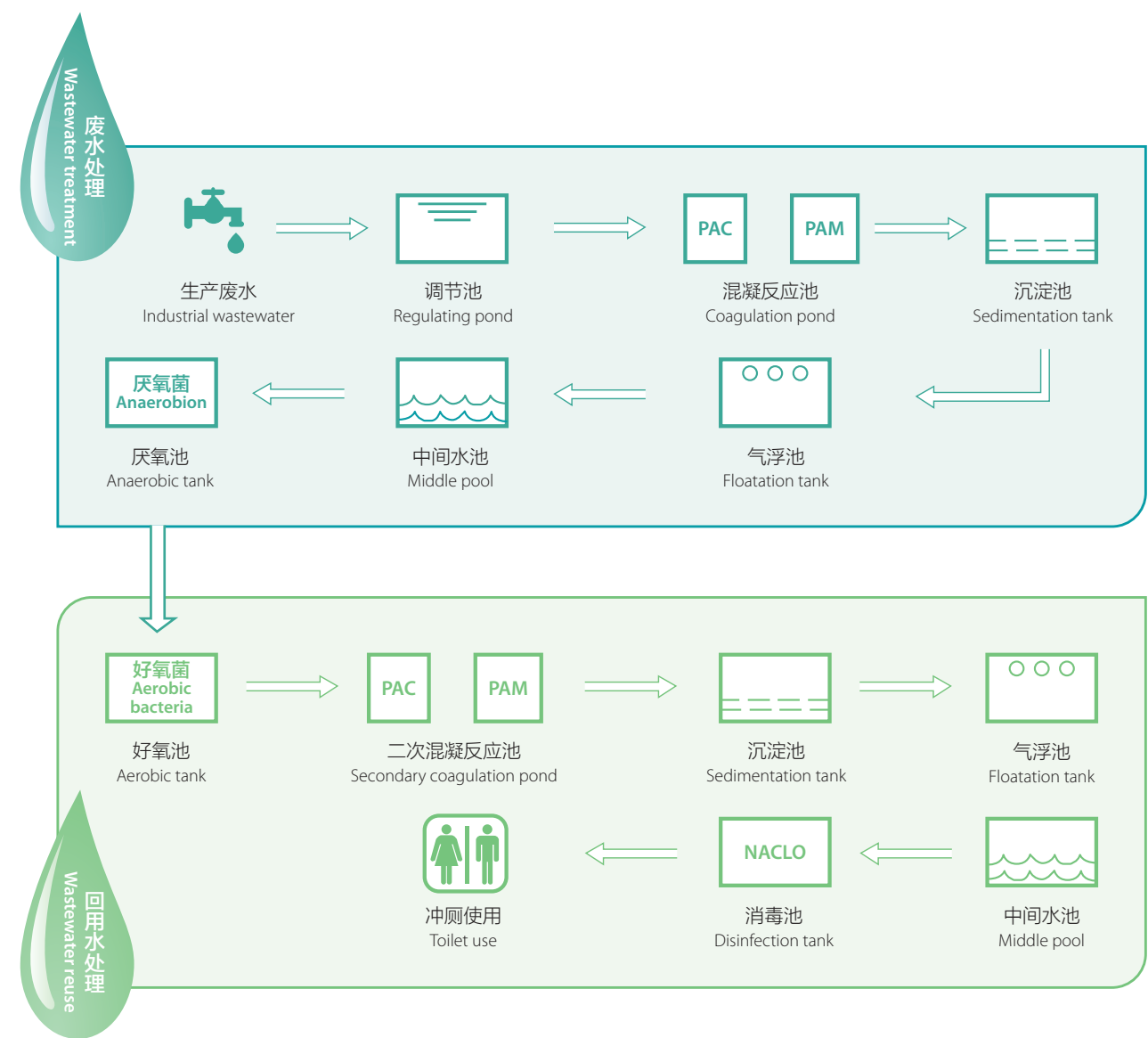
Complying with laws and regulations, our subsidiaries actively explore ways to reduce the discharge of hazardous wastewater. In 2021, ZJMP reduced the amount of nickel-containing wastewater from 30 tons per month to about 25 tons per month after optimizing the process. In addition, ZJMP installed an online detection device on the equipment for treating nickel-containing wastewater, transmitting the real-time detection data to the local environmental protection bureau as an active response to the regulatory requirements.

案例 Case

强化废水处理，推动循环用水使用 Strengthening wastewater treatment and promoting water recycling

2021 年 9 月，纸包装事业部的水处理回用项目经过近一年的调整测试后，开始正式投入使用。回用水项目满足《城市污水再生利用城市杂用水水质》标准。生产废水进行二次加药混凝处理，深度处理后，再经次氯酸钠消毒回用至卫生间使用。在解决了原有的水体排污总量问题的同时，还节约了自来水的取水量，很大程度的减少水资源的消耗，每年可减少自来水取水量 2,280 立方米，向员工宣贯了“低碳环保，持续发展”的企业绿色理念。

In September 2021, the water treatment and recycling project of the Paper Packaging Business Unit was put into use after nearly a year of adjustment and testing. The project meets the *Reuse of Urban Recycling Water — Water Quality Standard for Urban Miscellaneous Use*. The industrial wastewater is thoroughly treated for coagulation, and then it is disinfected by sodium chlorate for toilet use. While reducing the wastewater discharge, it also saves 2,280 m³ of tap water annually, greatly reducing the consumption of water resources. The project is a good demonstration of our green and low-carbon development philosophy.



纸包装事业部生产废水回用处理流程
Industrial wastewater treatment and reuse process of the Paper Packaging Business Unit

应对气候变化

Tackling Climate Change

探索低碳管理

Exploring low-carbon management

气候变化对人类的生存和发展带来破坏性威胁，我们深刻认识到商业模式向可持续发展方向转型的必要性，不断通过加快能源转型和低碳绿色产品开发，逐步建立碳排放管理体系，引领行业的绿色转型和低碳发展，为实现国家“双碳”目标贡献力量。

Climate change poses a destructive threat to the survival and development of human beings. Deeply aware of the necessity of transition to a sustainable business model, we continuously accelerate the energy transformation and low-carbon and green product development, and gradually establish a carbon emission management system, so as to lead the green transformation and low-carbon development of the industry, and contribute to the realization of China's 30 • 60 Decarbonization Goal.

我们积极面对“双碳”目标给企业发展带来的挑战，充分挖掘其中的机遇，紧跟“双碳”战略相关政策法规的指引，积极参与碳金融市场，逐步建立企业内部科学、系统的低碳管理体系，加快迈向零碳的步伐。

We seek for every opportunity in the challenges brought by China's 30 • 60 Decarbonization Goal to corporate development. Closely following the guidelines of the relevant policies and regulations on China's decarbonization strategy, we proactively engage in the carbon financial market, and gradually establish a scientific and systematic low-carbon management system, thus accelerating the pace towards zero carbon.



紫江企业成为首批获得中国银行碳配额质押创新融资的实体企业
Zijiang Enterprise became one of the first batch of entities to get the innovative financing of carbon quota pledge from Bank of China

上海紫江彩印先行先试，搭建内部碳管理体系 Zijiang Color Printing serves as a pioneer in building an internal carbon management system

上海紫江彩印为响应国家“双碳”战略，规划“法律法规—客户—紫江彩印—供应商”四维一体化模式的碳减排总体方向和工作思路。同时，成立由公司领导层参与的减量管理小组、无溶剂小组、可可持续包装小组、辅材循环再利用小组等多个碳减排小组，负责制定和实施内部减碳规划，全面推动碳减排工作落实落细。

In response to China's decarbonization strategy, Zijiang Color Printing has designed a four-pronged integrated model of "Laws and regulations - Customers - Zijiang Color Printing - Suppliers" as the overall direction and working principles of carbon emission reduction. Meanwhile, a number of carbon emission reduction groups have been established under the company's leadership for formulating and implementing internal carbon reduction plans and comprehensively promoting the implementation of carbon reduction work, including a reduction management group, a solvent-free group, a sustainable packaging group, and an auxiliary material recycling group.

案例 Case



关键绩效 Key performance

上海紫江彩印通过节约溶剂和能耗，减少二氧化碳排放

2,966 吨

Zijiang Color Printing reduced 2,966 tons Carbon emission by saving solvents and energy consumption

加快能源转型

Accelerating energy transition

我们将使用清洁能源作为控制温室气体排放和应对气候变化的重要手段之一，按照“宜建尽建”的原则，推动下属企业加快分布式光伏项目的落地实施，为客户和消费者提供碳足迹更低的绿色产品。

To tackle climate change, we use clean energy as one of the important means to control greenhouse gas emissions. We promote our subsidiaries to accelerate the implementation of distributed PV projects in line with the principle of "building distributed PV projects whenever feasible", so as to provide customers and consumers with green products with a lower carbon footprint.



纸包装事业部屋顶光伏项目
Rooftop PV projects of the Paper Packaging Business Unit



关键目标 Key Targets

指标内容 Indicator	2020 年 2020	2021 年 2021	2025 年目标值 Target by 2025
安装太阳能面积（平方米） Area with PV systems (m ²)	97,686	117,300	446,241
分布式光伏覆盖率 Coverage of distributed PV projects	15%	18.36%	70%
清洁能源设施建造费用 Costs of clean energy facility construction	0	270 万元 RMB 2.7 million	

注：分布式光伏覆盖率 = 紫江企业全国自有厂房屋面安装光伏面积 / 紫江企业全国自有厂房屋面总面积。
Note: Coverage of distributed PV projects = Roof area of factory buildings nationwide under Zijiang Enterprise with PV systems / Total roof area of factory buildings under Zijiang Enterprise nationwide.

开发低碳产品

Developing low-carbon products



“百优盒”入榜中华环境保护基金会“青山计划专项基金”降解塑料包装推荐名录
"Baiyou Box" is included in the Recommended List of Degradable Plastic Packaging for the "Blue Mountain Fund" of the China Environmental Protection Foundation

紫江企业高度重视低碳产品的研发、生产和推广。我们指导和支持各下属企业结合自身产品特性，不断探索绿色低碳、面向未来需求的产品，并与低碳生产技术相结合，持续推出多款创新型低碳产品，以助力自身和客户应对气候变化的行动。

The R&D, manufacturing and promotion of low-carbon products is highly valued at Zijiang Enterprise. We guide and support our subsidiaries to keep developing green, low-carbon and future-oriented products based on their own product characteristics, and employ low-carbon technologies to constantly launch a variety of innovative low-carbon products, as a part of our efforts to cope with climate change together with our customers.

纸包装事业部探寻行业绿色低碳包装新方案 The Paper Packaging Business Unit explores new solutions to green and low-carbon packaging in the industry

案例 Case

纸包装事业部捕捉低碳经济时代的发展机遇，不断探索绿色低碳、面向未来需求的产品，先后研发出多种低碳创新产品。其中，无塑牛皮纸袋，替代 PP 与 PE 复合袋，实现 88.6% 的降碳率；瓦楞纸精品纸盒通过水性涂料工艺实现 23.31% 的降碳率，模内成型应用 PBS 降解材料替代塑料餐盒实现 67.85% 的降碳率。

The Paper Packaging Business Unit seizes the development opportunities in the low-carbon economy era to continue explore green, low-carbon and future-oriented products, and has successively developed a variety of low-carbon innovative products. For example, a carbon reduction rate of 88.6% has been achieved thanks to the plastic-free kraft paper bags in replace of PP and PE compound bags, a carbon reduction rate of 23.31% achieved thanks to corrugated paper boxes with the water-based coating process, and a carbon reduction rate of 67.85% achieved by using PBS degradable material to replace plastic lunch boxes in in-mold forming.

关键绩效 Key performance

节能型炫彩全息环保材料 获得上海市优秀发明选拔赛优秀创新入围奖

"Energy-saving colorful holographic environmental-friendly materials" won the Outstanding Innovation Finalist Award in the Shanghai Excellent Invention Competition

微结构定位图文节能炫彩全息环保材料 获得中包联科学技术三等奖

"High precision micro structure registered energy-saving colorful holographic environmental-friendly materials" won the third prize of the Science and Technology Award by China Packaging Federation

瓶盖标签事业部全面推动全降解材料应用 The Crown Cap & Label Business Unit comprehensively promotes the application of fully degradable materials

案例 Case

全降解材料是在细菌、真菌、藻类等自然界存在的微生物作用下能发生化学、生物或物理作用而降解或酶解成水和二氧化碳的高分子材料。2021 年，瓶盖标签事业部上海紫泉标签柔印厂研发新全降解材料用于卫包产品。

Fully degradable materials are polymer materials that can be degraded or enzymatically hydrolyzed into water and carbon dioxide by chemical, biological or physical action under the action of microorganisms such as bacteria, fungi, and algae. In 2021, flexo-printing plant in Shanghai of the Crown Cap & Label Business Unit researched and developed new fully degradable materials for use in sanitary package products.

促进循环经济

Facilitating Circular Economy

塑料及其它包装物在全球范围内造成的生态环境问题日趋严峻，推动循环经济成为对抗塑料污染、产业升级转型的重要解决方案。紫江企业充分发挥行业领先企业的示范引领作用，秉持“减量化、再利用、资源化”的循环经济原则，将循环经济的理念充分融入到产品全生命周期中，提升材料和产品再循环利用率，为推动行业实现可持续发展提供“紫江方案”。

The global ecological and environmental problems caused by plastics and other packaging materials are increasingly serious. It is imperative to develop circular economy as a key solution to plastic pollution and industrial upgrading. In line with the principle of circular economy of "reduce, reuse and recycle", Zijiang Enterprise, as a leading enterprise in the industry, fully integrates the concept of circular economy into the full life cycle of products, and improves the recycling rate of materials and products, with a commitment to providing the "Zijiang Solution" for the sustainable development of the industry.

秉持减量化

Commitment to reduction

减量化是循环经济的优先项。紫江企业在产品设计、生产制造和包装储运阶段都融入减量化的理念，在实现减少资源使用的同时，降低生产成本，增强产品的市场竞争力。

Reduction is a priority for the circular economy. Zijiang Enterprise integrates the concept of reduction in product design, manufacturing, packaging, storage and transportation, so as to reduce production costs and enhance the market competitive edges of products while reducing resource use.



上海紫泉包装有限公司开发中度盖、减薄盖产品，较常规瓶盖产品，节省原物料使用量近 10%

Ziquan Packaging develops medium and thinner caps, which save nearly 10% of raw materials compared to conventional caps



上海紫江彩印通过研发可用于不干胶标签的防盗标签印刷用低熔点聚烯烃原膜材料，实现生产过程的无害化和产品的轻量化

Zijiang Color Printing realizes the harmless production process and the lighter products through the R&D of low-crystalline polyolefin film materials for anti-theft label printing that can be used for self-adhesive labels

紫日包装 Ziri Packaging

- 通过轻量化瓶盖研发，有效减少原材料的使用，预计每年为上海工厂节省原材料费约 200 万元；
- 通过工艺及模具等优化研发，以通用 22.28 克瓶坯规格替代 23.2 克瓶坯，全年节省原料 265 吨。
- Thanks to the R&D of lightweight bottle caps, raw materials are effectively reduced. It is estimated that the Shanghai factory will save about RMB 2 million of raw material costs every year;
- Thanks to the R&D of optimizing processes and molds, the general performs of 22.28 grams replace those of 23.2 grams, saving 265 tons of raw materials a year.

紫江喷铝 ZJMP

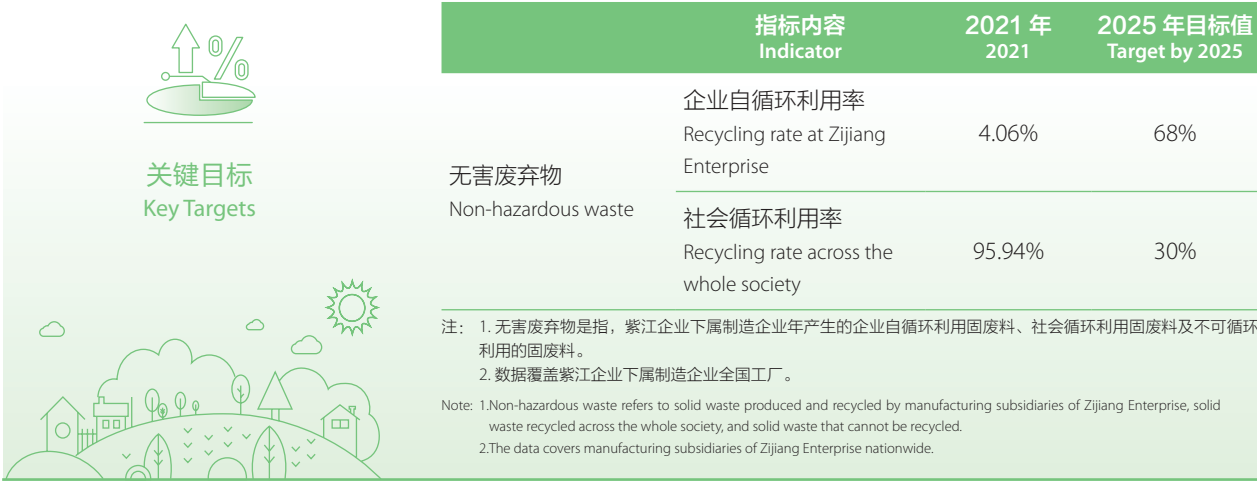
- 在 PET 薄膜减厚工作上加大工艺创新力度，PET 薄膜由传统 14.3U 薄膜改成 12U 薄膜，全年累计节约 PET 原料近 70 吨；
- 在纸张使用上优化复合卡边工艺，全年累计节约纸张约 40 吨。
- It made more efforts in technological innovation to reduce PET film thickness. Traditional 14.3U PET film is changed to 12U film, saving nearly 70 tons of PET raw materials a year;
- The composite card edge process is optimized in the paper cutting process, saving about 40 tons of paper a year.

运营减量化举措 Operational reduction measures

聚焦可循环利用
Focusing on recyclables

废弃物的再利用和资源化是循环经济的重要内容。我们将绿色环保、环境友好的设计理念融入到每一件产品研发中，积极探索产出废弃物、包装物的循环再利用，以提高资源使用效率，减少固体废弃物的产生和对生态环境的影响。

The reuse and recycling of waste is an important part of circular economy. We integrate environmentally friendly design concepts into the R&D of each product, and actively explore the recycling of waste and packaging to improve the efficiency of resource use, and reduce solid waste and its impact on ecological environment.



关键绩效
Key performance

南京紫乐、上海紫泉饮料取得 TUV 废弃物零填埋管理体系“三星”认证
Nanjing Zile and Ziquan Beverage obtained the "3-Star" Zero Waste to Landfill Management System Certificate by TUV

提升环保意识
Raising Environmental Awareness



纸包装事业部员工参加“为党旗增辉，为市容添美”城市环境清洁日主题活动
Employees of the Paper Packaging Business Unit participate in the Urban Environmental Cleaning Day

携手共探包装行业循环经济建设新路径
Together for a new path of circular economy in the packaging industry

案例
Case

2021 年，上海市发改委、经信委、能效中心和包装协会等职能部门组成调研组到访调研紫江企业，针对“包装材料如何实现均质化、低碳化”“包装材料回收如何实现平级使用”等循环经济的热点议题进行交流探讨。同时，由国家发改委环资司、上海市市场监督管理局、质检院理化所和食品接触材料协会组成的调研组到访紫江企业，并围绕国家《“十四五”循环经济发展规划》，就《循环经济促进法》修订工作组织座谈，共同推进循环经济在包装行业的应用。

In 2021, the Shanghai Municipal Development & Reform Commission, the Shanghai Municipal Commission of Economy and Informatization, the Shanghai Energy Efficiency Center and the Shanghai Packaging Technology Association established an investigation team to inspect Zijiang Enterprise to discuss hot issues on circular economy, such as "how to achieve homogenized and low-carbon packaging materials" and "how to achieve same-level use of packaging materials recycling". At the same time, another investigation team established by the Department of Resource Conservation and Environmental Protection of the National Development and Reform Commission, the Shanghai Municipal Administration for Market Regulation, the Shanghai Institute of Quality Inspection and Technical Research and the Shanghai Association of Food Contact Materials organized a discussion on the revision of the *Circular Economy Promotion Law* based on the *14th Five-Year Plan for Circular Economy Development* when inspecting Zijiang Enterprise, jointly promoting the application of circular economy in the packaging industry.

我们以提升全体员工的环保意识、责任感和使命感为目标，全面开展形式多样、注重实效的环保宣传教育活动，引导全体员工能够深刻认同企业向绿色低碳转型的必要性，并积极践行绿色生活方式。

Committed to raising employees' environmental protection awareness, sense of responsibility and mission, we carry out various forms of environmental publicity and education activities that focus on practical results to guide all employees to deeply realize the necessity of the transition to the green and low-carbon development, and actively cultivate a green lifestyle.

上海紫江喷铝深入开展一线员工环保宣传培训
ZJMP carries out the in-depth environmental publicity and training for front-line employees

案例
Case

上海紫江喷铝充分利用月会、周会和班前会开展员工环保意识提升培训。对于国家或地方在环保方面新出台的法律法规或标准，上海紫江喷铝定期组织专门的培训，确保让每位员工了解国家和地方在环保管理的政策要求。

ZJMP makes full use of monthly, weekly and pre-class meetings to carry out the training on raising environmental awareness of employees. For the newly launched national or local laws, regulations or standards governing environmental protection, ZJMP regularly organizes special training to ensure that every employee understands the policy requirements of the state and local governments in environmental protection management.

02

以人为先 实现价值共创

在迈向幸福生活的道路上，我们与员工、伙伴、客户等利益相关方同心同享、共进共赢，为构筑安全护城河竭尽全力，为打造极致臻品奋斗不息，为传递生活希望全力以赴，用切实的履责行动诠释新时代的新担当和新作为。

We work with our employees, partners, customers and other stakeholders to share and achieve win-win results and move forward for a better life. We make every effort to ensure work safety and create quality products, going all out to deliver the hope of life and interpreting our new achievements in the new era based on our CSR actions.



举措 Measures

- 优化安全体系
Optimizing the safety system
- 激发创新活力
Stimulating innovation
- 携手伙伴同行
Growing with partners
- 共圆员工梦想
Empowering employees for common progress
- 共建幸福社区
Building harmonious communities together



关键绩效 Key performance

- 紫江企业下属所有控股企业全年重伤以上工伤事故 **0** 起
0 serious casualty accidents happened in all branches of Zijiang Enterprise
- 申请专利数量同比上升 **58%**
58% more patents applied compared with that of last year
- 员工敬业度平均分 **91.18** 分
91.18 pointed average score of employee dedication
- 为郑州洪水灾后重建捐赠 **300** 万元
RMB 3 million donated to Zhengzhou for post flood reconstruction

Putting People First
to Co-create Value

优化安全体系

Optimizing the Safety System

狠抓要素管理补不足

Strengthening element management

2021 年紫江企业继续坚持以优化安全体系为抓手，将管理要素及职责落实到岗位，重视员工安全意识与技能培训，完善隐患治理体系，企业安全管理水平持续提高。

In 2021, Zijiang Enterprise improved a lot in safety management with a focus on the safety system. We assigned the management elements and responsibilities to different posts, organized safety awareness and skill trainings for employees and enhanced the hidden hazard control system.

2020 年底紫江企业发布的《年度事业部与单体企业安全评价制度》是助力企业标准化管理体系落地的指导性文件。2021 年，下属企业以此制度为对照，弥补安全要素管理的不足，进行体系的自我完善。

在日常加强指导的基础上，2021 年底公司安委会对上海地区所有企业及事业部所属的部分区域企业进行了年度安全评价——对照被分解且分值化的管理要素项，查阅各企业日常管理工作档案，结合现场的安全行为观察与员工问卷调查，并管理团队进行面对面的交流，最终对各企业进行了年度安全等级评定。

在年度评级中，近半数被评价企业在 2021 年取得了良好以上的评级，各企业安全标准化管理水平持续进步。

We issued the *Annual Safety Management Evaluation System for Business Units and Subsidiaries* at the end of 2020, which is a guidance for the implementation of the standardized management system. Accordingly, all our holding subsidiaries strengthened safety element management and improved their safety system in 2021.

In addition to daily guidance, our Safety Committee conducted an annual safety evaluation on all of our subsidiaries in Shanghai and some regional subsidiaries affiliated to its business units at the end of 2021 –reviewing their daily management work files according to the decomposed management elements with different scores and giving the annual safety evaluation based on on-site safety behavior observation, employee questionnaire survey, and face-to-face communication with the management team.

Nearly half of the subsidiaries got a good rating in 2021, and their safety standardization management keeps improving.

体系名称 Name	受审单位 Applicant
ISO 45001 职业健康安全管理体系 ISO 45001-Occupational health and safety management system	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.
	上海紫江新材料科技股份有限公司 Shanghai Zijiang New Material Technology Co., Ltd.
	上海紫江喷铝环保材料有限公司 Shanghai Zijiang Metallization Environmental Protection Material Co., Ltd.
	上海紫江国际贸易有限公司 Shanghai Zijiang International Trading Co., Ltd.
	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.
	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.
	南京紫乐饮料工业有限公司 Nanjing Zile Beverage Industry Co., Ltd.
	上海紫泉饮料工业有限公司 Shanghai Ziquan Beverage Industry Co. Ltd.

落实检查制度 管控风险

Implementing the inspection system to control risks

严格的检查制度是杜绝风险、确保各层级人员安全履责的重要保障。在扎实推进安全风险分级管控的进程中，我们每一家工厂总经理与安全领导月度带队检查，部门经理、班组、EHS 经理各司其职，各项专项检查有计划开展，工厂内部织就了严密的风险防范网。

A strict inspection system is an important guarantee to eliminate risks and ensure the safety performance of personnel at all levels. Among the hierarchical risk management, the general manager and personnel in charge of work safety of each factory carry out monthly inspection. Department managers, teams and EHS managers perform their respective duties and launch various special inspections as planned. Thus, a strict risk prevention network has been established within the factories.



瓶盖标签事业部组织开展一人一岗一隐患排查
Safety hazard investigation by the Crown Cap & Label Business Unit

纸包装事业部构建三级隐患排查制度

The Paper Packaging Business Unit establishes a three-tier safety hazard investigation system

2021 年，纸包装事业部全面落实事业部及各工厂安全风险等级管控和隐患排查治理双重预防机制，在原有的安全检查平台上新增了工厂总经理级、部门经理级安全检查，形成了线上三级隐患排查制度，层层落实隐患排查及整改工作，及时消除安全隐患。

In 2021, the Paper Packaging Business Unit fully implemented the dual prevention mechanism of both the hierarchical risk management and safety hazard investigation for all business units and factories. It added safety inspections by general managers and department managers of factories to the original safety inspection platform, thus forming a three-tier safety hazard investigation system to eliminate hidden safety hazards in time.

关键绩效 Key performance



紫华企业发现隐患 **379** 个，隐患整改率 **98.5**%
Zihua Enterprise detected 379 safety hazards, and eliminated 98.5% of them

上海紫江彩印隐患排查 **43** 次，查处 **478** 个安全隐患并完成整改
Zijiang Color Printing conducted 43 safety hazard investigations and eliminated 478 safety hazards

上海紫日包装发现隐患 **500** 多个，隐患整改率 **99**%
ZiRi Packaging detected 500+ safety hazards, and eliminated 99% of them



案例
Case

培养员工应急处置能力

Developing employees' emergency response capabilities

培养基层员工的应急处置能力是企业安全预案管理工作中最关键的环节，因而我们重视各类《应急处置预案》的培训与实操演练，制定年度计划并按时推动，确保安全应急管理工作的制度化、规范化与落地化，最大限度减少安全事故危害程度。

Developing the emergency response capabilities of frontline employees is the most critical part in the Company's safety plan management. Therefore, we provide the training on emergency response plans, launch drills and advance our annual targeted plans to ensure the standard emergency management and minimize safety accidents.



容器包装事业部北京分公司员工参与在线安全知识竞赛
Employees of Beijing branch of the Container Packaging Business Unit participate in online safety knowledge competition



各企业参与全国安全生产月知识与技能竞赛活动
All enterprises participate in the national safety production month knowledge and skills competition



容器包装事业部机械伤害应急演练
Mechanical injury emergency drill by the Container Packaging Business Unit



上海紫江喷铝开展安全应急演练
Safety emergency drill by ZJMP

以雨为令，闻讯而动，筑牢防汛安全堤 Ensuring the safety of every employee during the rare rainstorm

2021 年，郑州遭遇罕见特大暴雨，容器包装事业部郑州紫江管理团队以雨为令，闻讯而动，按照突发事件和危机管理要求，确保每一位员工的安全。同时，为防止出现“大灾后必有大疫”，容器包装事业部郑州紫江管理团队启动车间的杀菌消毒方案，筑牢防汛安全堤。

In 2021, Zhengzhou encountered a rare rainstorm. The Zhengzhou Zijiang management team of the Container Packaging Business Unit acted on the requirements of emergency and crisis management and ensured the safety of every employee. At the same time, in order to prevent any epidemic after the heavy rainfall, the team started the sterilization and disinfection of the workshop to build a line of defense of safety.

心系食品安全

Paying attention to food safety

我们将食品安全和质量管理贯穿于生产及运输的全环节，以坚持与坚守降低食品安全风险，保障从油墨、纸张到胶水，从水循环管道、仪器仪表检测到金属异物、蚊虫、油污、荧光剂等质量控制，避免影响客户声誉及健康，致力让利益相关方用的放心、吃的安心。

To minimize food safety risks, we ensure food safety and quality management throughout the entire process of production. Meanwhile, we control the quality of ink, paper, glue, water circulation pipes, instruments and meters, metal elements, the presence of mosquitoes, oil stains, fluorescent agents to avoid any impacts on the reputation and health of customers, making our customers feel at ease with our perseverance.

容器包装事业部开展异物管理

The Container Packaging Business Unit carries out foreign matter management

2021 年，容器包装事业部在食品安全方面重点完善异物管理流程。在加强全员培训的基础上，进行异物风险评估问卷调查，全流程梳理异物风险点，全面推行异物指示器，建立异物预防月度检查控制表，异物投诉率指标得到改善。

In 2021, the Container Packaging Business Unit focused on the foreign matter management to ensure food safety. In addition to strengthening the training for all staff, it conducted a questionnaire survey on foreign matter risk assessment, sorted out foreign matter risk points throughout the process, installed foreign matter indicators, and established a monthly inspection and control form for foreign matter prevention. Therefore, the complaint rate index of foreign matters has been improved.

纸包装事业部成立检测中心，严守食品质量安全第一关

The Paper Packaging Business Unit establishes the Testing Center to secure food

2021 年，纸包装事业部成立检测中心助力企业快速稳健拓展战略产品领域，引领食品纸包装行业食品安全检测发展。11 月，检测中心在日常的原料检测时发现丙烯酰胺超标，立即告知相关部门，采取有效措施拦截此次材料，及时规避食品安全风险，为食品安全牢牢守关。

In 2021, the Paper Packaging Business Unit established the Testing Center to help the enterprise develop more strategic products and lead the development of food safety testing in the food paper packaging industry. In November, the Testing Center found excessive acrylamide during the daily raw material testing, and immediately informed relevant departments to take effective measures to intercept that batch of materials, which avoided food safety risks.



无机仪器室
Instrument Room for Inorganic Experiment

重视职业健康

Valuing occupational health

我们严格遵守《中华人民共和国职业病防治法》等规定，持续完善职业病健康监护及其档案管理制度和职业病危害事故应急救援预案，通过职业病体检、职业病危害因素检测、岗位安全管理培训，配备完善的劳保工具和安全监测装置等举措，竭力保障员工职业健康安全，预防和减轻对员工职业健康安全的影响。

In strict accordance with the Law of the People's Republic of China on the Prevention and Control of Occupational Diseases and other regulations, we continue to improve the monitoring of occupational diseases and the file management system as well as the emergency rescue plan for occupational disease accidents. We strive to ensure the occupational health and safety of employees through measures such as the occupational disease physical examination, detection of occupational disease factors, post safety management training, and provision of complete perfect labor protection tools and monitoring devices, thus preventing and mitigating the impact on employees' occupational health and safety.

关键绩效 Key performance



紫江企业下属所有控股企业全年重伤以上工伤事故 **0** 起
0 serious casualty accidents happened in all branches of Zijiang Enterprise

紫江企业下属所有控股企业全年职业危害事故 **0** 起
0 occupational accidents happened in all branches of Zijiang Enterprise

全年特种作业人员持证上岗率 **100%**
100% certificate-holding rate of special operation

营造全员安全文化

Creating a safety culture

围绕安全管理体系，依托安全承诺、安全能力培养、鼓励安全行为等方式，我们厚植安全文化，塑造安全环境。针对 2021 年《中华人民共和国安全生产法》的重新修订，紫江企业安委会在制造业层面组织开展了新版条款的全员培训。

在全国范围内，公司组织年度制造业企业全员知识竞赛，引导各事业部及企业把员工的安全知识和技能培训作为一项常态化的工作，夯实安全理念在基层落地的基础，强化员工安全意识，实现员工从外在被动模式的“要我安全”，向内生主动模式“我要安全”过渡。

We have created a safety culture and a safety environment based on the safety management system, safety commitment, safety ability training and safety behaviors. The Safety Committee of Zijiang Enterprise has organized the training for all staff on the newly revised Work Safety Law of the People's Republic of China.

The Company organizes an annual knowledge contest for all employees of its manufacturing subsidiaries nationwide and guides all business units and subsidiaries to provide regular training for employees on safety knowledge and skills, so as to raise employees' safety awareness.

一本安全文化手册 One safety culture handbook

把培训变成员工的一种福利
Safety training as a benefit for employees

一个规则 One plan

安全文化中长期发展规划（三年目标规划，年度有实现目标支撑）
Medium-term and long-term development plan for safety culture (a three-year target planning supported by annual targets)

一个测评依据 One assessment reference

检查要素、奖励与处罚细则
Inspection factors, incentive and punishment details

一套活动方案 One activity scheme

安全文化推广方案，安全月的全员参与考核，违章行为零容忍
Promotion plan for safety culture, safety month assessment for all staff, zero tolerance towards violations

一个班组模式 One team mode

形成“险情有人报，苗头有人抓，漏洞有人补，违纪有人纠”的良好氛围
Timely report, identification and rectification of safety risks

一条安全文化走廊 One safety culture corridor

增加安全看板、定期事故教训播放、宣传手册等
Safety bulletin, regular safety accidents video education, brochures



上海紫江铝的安全文化
ZJMP's safety culture project
“六个一”工程

关键绩效 Key performance



紫华企业安全培训 **300** 多人次
300+ participants of safety training provided by Zihua Enterprise

容器包装事业部安全教育学习 **6.2** 万人次
62,000 participants of safety education and learning organized by the Container Packaging Business Unit



紫东尼龙开展《上海市非机动车安全管理条例》宣传
The Regulations on the Safety Management of Non-motor Vehicles in Shanghai posted by Zidong Nylon



上海紫日包装制作安全宣传板报
The safety posters made by ZiRi Packaging



紫燕合金组织开展《安全生产法》培训
The training on the Work Safety Law organized by Ziyan Alloy



紫东尼龙组织消防知识培训
The firefighting training organized by Zidong Nylon

激发创新活力

Stimulating Innovation

我们持续加强商业、技术和管理创新，不断提升对核心技术研发及新产品开发的投入力度，研发和设计更多贴合社会和市场需求的產品，致力引领行业高质量发展，满足人们对美好生活的向往。

We continue to strengthen business, technology and management innovation, with increasing investment in core technology and new product R & D. We develop and design more products that meet social and market needs, striving to lead the high-quality development of the industry and satisfy people's desire for a better life.

深化精益管理

Deepening lean management

我们在精益管理的理念指引下，以年初规划、年中交流、过程跟踪、价值兑现审计等体系化运作模式，通过精益管理和“金点子”等项目，持续推动流程改善、资源整合、生产组织方式创新和人力资源的有效利用，为高质量建设营造良好的创新环境。

Guided by lean management, we follow the systematic operation modes, such as the planning at the beginning of the year, mid-year communication, process tracking, value fulfillment audit. We have continuously promoted process improvement, resource integration, innovation in production and organization methods, and effective use of human resources through lean management and the "Golden Ideas" project, creating a good environment for high-quality development.

关键绩效 Key performance

提报精益项目 **655** 个
655 lean projects

提报金点子 **2,251** 个
2,251 golden ideas

容器包装事业部 Container Packaging Business Unit

坚持技术创新并不断推动精益管理落地，七个大区推行 93 个精益管理项目，年化收益 2,121 万元。

It sticks to technological innovation and continuously implements lean management. 93 lean management projects have been implemented in seven regions, with an annualized return of RMB 21.21 million.

瓶盖标签事业部 Crown Cap & Label Business Unit

从提高效率、保障质量、减少浪费三个方面着手收集精益改善提案 1,549 条，项目完成率达到 91.28%。通过多渠道宣导、多种方式展示，各工厂组织精益主题培训近 30 次，召开项目发布会 32 次，取得精益成果 924.94 万元。

1,549 lean improvement proposals were collected from the three aspects of improving efficiency, ensuring quality and reducing waste, and the project completion rate reached 91.28% in 2021. Each factory organized nearly 30 training sessions on lean management and held 32 project conferences through multi-channel publicity and multi-mode display, achieving RMB 9.2494 million in lean management.

紫江喷铝 ZJMP

发动全员对精益改善方面金点子提报，2021 年公司金点子提报 65 项，成立精益项目小组 19 个，全年节约成本近 400 万元。

It calls on all staff to provide golden ideas related to lean improvement. In 2021, the company reported 65 golden ideas and established 19 lean project teams, saving nearly RMB 4 million.

紫江彩印 Zijiang Color Printing

激发员工的创新潜能，不断完善创新技术管理制度。2021 年开展六西格玛、QCC 改善项目 37 项，金点子提报 201 个。

It taps the innovation potential of employees and continuously improves the innovative technology management system. In 2021, 37 Six Sigma and QCC improvement projects were carried out, and 201 golden ideas were reported.

容器包装事业部开展安全正负激励进行积分制

The Container Packaging Business Unit's safety incentive system based on bonus points

2021 年，容器包装事业部全面实施安全正负激励进行积分制，通过积分激励和积分换购京东 E 卡等形式，提升员工良好安全态度和实践。截至 2021 年底，安全正负激励进行积分制共兑换 34 万余元，进一步加强员工安全生产主动性。

In 2021, the Container Packaging Business Unit implemented the incentive system on safety behavior, which improves the employees' safety attitude and behavior by collecting bonus points for JD e-card. By the end of 2021, a total of more than RMB 340,000 had been granted as safety incentives, and thus further strengthened employees' awareness on work safety.

案例 Case



挖掘创新潜力

Tapping innovation
potential

我们持续完善科技创新管理体系，强化技术创新人才队伍建设，依据《紫江企业财税项目协同管理申报团队激励办法》《上市公司财税项目协同管理平台成员工作激励办法》等规章制度，持续完善绩效管理体系和薪酬分配体系，激活企业创新动力，助力下属企业打造拓展未来市场的新引擎。

We continue to improve the sci-tech innovation management system, strengthen the building of the technical talent team. Besides, we have improved the performance management system and the salary distribution system in accordance with rules and regulations, such as the *Incentive Measures for the Collaborative Management and Declaration Team of Finance and Taxation Projects* and the *Incentive Measures for Members of the Fiscal and Tax Project Collaborative Management Platform for Listed Companies*, etc., further activating innovation and supporting our subsidiaries to build new impetus for market expansion in the future.

纸包装事业部着力提升员工创新积极性

The Paper Packaging Business Unit encourages employee innovation

案例
Case

2021 年，纸包装事业部修订发布实施《技术创新激励管理办法》，进一步提升对技术创新人员专利申请与授权的奖励额度和对重大创新项目的奖励规范，明确对重大创新项目核心技术人员及管理干部的长期分红奖励的政策。截至 2021 年底，纸包装事业部各类专利申请、著作权数量达 79 个，专利申请与授权数量再创新高。

In 2021, the Paper Packaging Business Unit implemented the revised *Incentive Measures for Technological Innovation* to further increase the incentives for patent applications and authorizations of technological innovation personnel and the incentive specifications for major innovation projects, and clarify the long-term bonus policy for core technicians and managers of major innovation projects. By the end of 2021, the Paper Packaging Business Unit has applied for 79 patents and copyrights, reaching a record high.

关键绩效
Key performance

容器包装事业部获上海市优秀发明选拔赛优秀创新奖

The Container Packaging Business Unit won the Outstanding Innovation Award in the Shanghai Excellent Invention Competition

打造数字工厂

Building digital factories

我们紧抓数字经济发展机遇，积极推进互联网、人工智能等新技术、新模式与业务深度融合，加快推动数字化转型，提升工厂运营精益化、自动化及数字化水平，助力智能化制造发展。

We seize the development opportunity of digital economy and actively promote the deep integration of new technologies, new models such as the Internet and artificial intelligence, into business development. We advance the digital transformation at a faster pace and enhance the lean, automotive and digital operation, boosting the development of intelligent manufacturing.



重庆紫江、上海紫华薄膜科技分别获市级、区级数字化车间荣誉称号
Chongqing Zijiang and Shanghai Zihua Film Technology won the honorary titles of digital workshops at municipal and district level respectively

01

自主设计开发 WEB 架构的信息管理平台

Designing and developing the independent information management platform based on Web architecture

02

开发完成采购物流中心的铁笼管理模块

Developing the cage management module of the procurement & logistics center

03

开发完成营销管理中心的销售订单管理模块

Developing the sales order management module of the marketing management center



容器包装事业部全面推动

数字化工厂建设

Building the digital factories by the Container Packaging Business Unit in an all-round way

04

开发图形化的数据分析模块，提高企业运营大数据分析能力

Developing the graphical data analysis module to enhance big data analysis in corporate operation

05

开发手机微信端的业务管理系统

Developing the business management system on WeChat

06

完成品控仪器物联网自主方案在事业部相关工厂推广

Completing the promotion of the independent scheme of the IoT for quality control instruments in some factories of business units

案例
Case

纸包装事业部紫丹食品荣获闵行区智能工厂

Zidan Food under the Paper Packaging Business Unit wins the title of Intelligent Factory in Minhang District

紫丹食品从食品包装行业生产运营中的安全性、溯源性、智能化等角度出发，构建数字化生产，综合运用数据采集等技术，实现制造系统互联互通、数据价值驱动、逐步实现智能化转型，致力打造食品包装行业中具有示范意义的智能工厂。2021 年 12 月紫丹食品数字化工厂建设一期完成，并获得闵行区智能工厂称号，入选工信部智能制造优秀场景。

From the aspects of safety, traceability and intelligence in the production and operation of the food packaging industry, Zidan Food strives to realize digital production, the connectivity of the manufacturing system, data and value driven development as well as intelligent transformation based on data acquisition and other technologies. It is committed to building a demonstration intelligent factory in the food packaging industry. In December 2021, the first phase of the digital factory of Zidan Food was completed, which won the title of Intelligent Factory in Minhang District and was rated as the Excellent Intelligent Manufacturing Scenario by the MIIT.



紫丹食品数字化工厂
The digital factory of Zidan Food

关键绩效
Key performance

重视产品研发

Focusing on product R&D

为建设更美好、更可持续的未来，我们坚持自主创新的企业发展战略，以满足客户需求为主线，以工匠之心、超越之心，深耕先进技术，用技术提高效率、降低能耗，改善人们的生活品质，开启美好新篇章。

In order to build a better and more sustainable future, we stick to independent innovation and aim to meet customer needs. We devote ourselves to advanced technologies, improving people's life with higher efficiency and lower energy consumption.

关键绩效 Key performance



上海紫江喷铝上市国内首款局部转移真空喷铝奶茶纸杯。该纸杯采用局部转移真空喷铝技术，喷铝纸的金属光泽使整个奶茶杯印刷后具有较高的视觉效果和质感，同时采用局部转移技术，能使纸杯的杯口和杯底一定区域内保持白纸的原生状态，没有涂层，印刷层和金属层，符合国家对于纸杯的产品标准要求。

ZJMP has launched the first milk tea paper cup with local-transferred metallized paper in China. The metallic luster of the metallized paper makes the milk tea cup seem taller. And the local transfer technology keeps the original state of white paper in a certain area of the cup mouth and cup bottom, without the coating, printing and metal layers, which meets the national product standard for paper cups.



上海紫江喷铝在冬虫夏草双中支、冬虫夏草红中支、冬虫夏草银、冬虫夏草金等多款产品中运用自主研发的反透型光源再现防伪喷铝纸技术，兼具美观与防伪的多重功效，实现防伪、可降解、可回收。

ZJMP has applied the independently developed back light anti-counterfeiting metallized paper in its cordyceps sinensis products. Beautiful anti-counterfeiting, it is also degradable and recyclable.

关键绩效 Key performance



塑料防盗饮料瓶盖产品被认定为上海塑料行业名优品牌

The "plastic anti-theft beverage bottle cap" was granted the famous brand of the plastic industry in Shanghai

超薄型锂离子电池用铝塑膜入选上海市高新技术成果转化项目

The "aluminum plastic film for ultra-thin lithium-ion batteries" was selected into the high-tech achievement transformation projects in Shanghai

内层持久耐腐蚀高冲深型铝塑膜入选上海市高新技术成果转化项目百佳

The "inner durable corrosion-resistant high impact aluminum plastic film" was listed among the top 100 high-tech achievements transformation projects in Shanghai

激光显影材料无菌冷灌装轻量盖获得上海市优秀发明选拔赛优秀发明项目铜奖

The "aseptic cold-filling light cap of laser developing materials" won the Bronze Award for Outstanding Innovation in the Shanghai Excellent Invention Competition

携手伙伴同行

Growing with Partners

我们坚信“为客户创造价值的同时，自身亦能集聚内在的竞争优势”，始终以技术变革和消费升级为契机，携手伙伴把切行业脉搏，积极参与行业标准制定，探索创新技术边界，共谋包装行业可持续发展新路径。

We firmly believe that "we can gather our internal competitive edges while creating value for customers ". We work with partners to keep abreast of the industrial trend and participate in the formulation of industry standards by taking the opportunity of technological change and consumption upgrades. Together, we strive to explore the boundaries of innovative technologies and seek new approaches toward the sustainable development of the packaging industry.

把切行业脉搏

Leading the industrial trend

我们携手行业伙伴，以强有力的交流合作，牵头全国塑料制品标准化技术委员会制定《锂离子电池封装用尼龙薄膜》标准，参与制定《塑料瓶盖压塑成型模具通用技术要求》国家标准，以及“可循环塑料包装制品认证规则”“单一材质聚烯烃包装材料”等多项团体标准，共同探寻行业高质量发展新方向。

Based on intensive exchanges and cooperation with industrial partners, we play a leading role the formulation of the standard of *the Nylon Packaging Film for Lithium-Ion Batteries* by the National Committee for Plastic Product Standardization (SAC/TC48), and participated in the formulation of the national standard of *General Technical Requirements for Plastic Bottle Cap Compression Molds*, as well as a number of group standards such as the "certification rules for recyclable plastic packaging products" and the "single polyolefin packaging materials". Together, we explore the new trend of high-quality development of the industry.

上海紫江喷铝参与起草首次水性涂层纸杯行业标准

ZJMP participates in the drafting of the first industry standard for water-based coated paper cups

2021 年，上海紫江喷铝参与起草《水性涂层纸杯》团体标准，该标准规定无塑纸杯和无塑纸杯纸的技术要求、检验方法等，对于热封强度、可回收性等行业广泛关注的指标进行了规定，在国内外尚属首次。本标准的制定解决了水性涂布纸杯和纸杯纸没有标准可依的现状，对于规范行业生产、促进国内贸易和保护环境将起到积极的作用。

In 2021, ZJMP participated in the drafting of the first ever group standard of *Water-based Coated Paper Cups* in the world, which stipulates the technical requirements and inspection methods of non-plastic paper cups and paper, and specifies the indicators widely concerned by the industry such as the heat-sealing strength and recyclability. As the first standard for the water-based coated paper cups and cup paper, it will play a positive role in standardizing production, promoting domestic trade and protecting the environment.

参与行业协会的主要情况 Roles of Zijiang Enterprise and its subsidiaries in various industry associations

行业协会名称 Name	公司名称 Company	担任角色 Role
中国上市公司协会 China Association for Public Companies	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	常务理事 Executive member of the council
上海上市公司协会 The Listed Companies Association of Shanghai	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	副会长 Vice President
中国印刷技术协会 The Printing Technology Association of China (PTAC)	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	凹版印刷分会理事单位 Gravure Printing Association - Council member
	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	理事单位 Council member
	上海紫泉标签有限公司 Shanghai Ziquan Label Co. Ltd.	柔印分会会员 Flexography Association- Member 标签与特种印刷分会会员 Label and Specialty Printing Association - Member



案例
Case

行业协会名称 Name	公司名称 Company	担任角色 Role
中国塑料加工工业协会 China Plastics Processing Industry Association (CPPIA)	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	复合膜制品专业委员会 - 副主任 Laminated Film Association - Deputy director
	上海紫江新材料科技股份有限公司 Shanghai Zijiang New Material Technology Co., Ltd.	会员 Member
中国有色金属工业协会 China Nonferrous Metals Industry Association	上海紫燕合金应用科技有限公司 Shanghai Ziyan Alloy Application Technology Co., Ltd.	镁业分会 - 会员 Magnesium Industry Association - Member
中国医药包装协会 China National Pharmaceutical Packaging Association (CNPPA)	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	理事单位 Council member
中国包装联合会 China Packaging Federation (CPF)	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	塑料包装委员会 - 副主任会员 Plastic Packaging Committee- Deputy director member
	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	循环经济委员会 - 会员 Circular Economy Committee - Member
	上海紫泉包装有限公司 Shanghai Ziquan Packaging Co., Ltd.	金属容器委员会 - 会员 Metal Container Committee - Member
	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	包装印刷委员会 - 副主任会员 Packaging and Printing Committee- Deputy director member
	上海紫江喷铝环保材料有限公司 Shanghai Zijiang Metallization Environmental Protection Material Co., Ltd.	防伪与追溯信息委员会 - 会员 Anti-counterfeiting and Traceability Information Committee - Member 包装印刷委员会 - 会员 Packaging and Printing Committee- Member
中国塑协复合膜制品专业委员会 Professional Committee of Laminated Film, China Plastics Processing Industry Association	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	副主任 Deputy director
中国饮料工业协会 China Beverage Industry Association	上海紫泉饮料工业有限公司 Shanghai Ziquan Beverage Industry Co. Ltd.	特邀常务理事 Invited executive member of the council
中国造纸协会 China Paper Association (CPA)	上海紫华企业有限公司 Shanghai Zihua Enterprise Co., Ltd.	生活用纸专业委员会会员 Tissue Paper Professional Committee - Member
浙江省卫生用品商会 Zhejiang Chamber of Commerce of Sanitary Products	上海紫华企业有限公司 Shanghai Zihua Enterprise Co., Ltd.	会员 Member
上海信息化理事协会 Shanghai Informatization Industry Association	上海紫丹食品包装印刷有限公司 Shanghai Zidan Food Packaging & Printing Co., Ltd.	理事单位 Council member
上海市塑料行业协会 Shanghai Society of Plastics Industry	上海紫日包装有限公司 Shanghai ZiRi Packaging Co., Ltd.	理事单位 Council member
	上海紫日包装有限公司 Shanghai ZiRi Packaging Co., Ltd.	理事单位 Council member
上海市印刷行业协会 Shanghai Printing Trade Association	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	副会长 Vice President
	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	副会长 Vice President
上海市新材料协会可降解材料及循环利用技术专业委员会 The Biodegradable Materials and Recycling Technology Committee of Shanghai Society for Advanced Materials	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	创始成员 Founding member

行业协会名称 Name	公司名称 Company	担任角色 Role
上海市消防协会闵行联络处 Shanghai Fire Protection Association Minhang Office	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	会员 Member
上海市智能制造协会 Shanghai Intelligent Manufacturing Industry Association	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	副会长 Vice President
上海市食品接触材料协会 Shanghai Association of Food Contact Materials	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	副会长 Vice President
	上海紫丹食品包装有限公司 Shanghai Zidan Food Packaging & Printing Co., Ltd.	会员 Member
上海市新材料协会 Shanghai Society for Advanced Materials	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	理事单位 Council member
上海市闵行区印刷协会 The Printing Association of Minhang District, Shanghai	上海紫日包装有限公司 Shanghai ZiRi Packaging Co., Ltd.	理事单位 Council member
	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	会长 President
	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	副会长 Vice President
	上海紫泉包装有限公司 Shanghai Ziquan Packaging Co., Ltd.	副会长 Vice President
上海市闵行区人力资源和社会保障学会 The Human Resources and Social Security Institute of Minhang District, Shanghai	上海紫泉包装有限公司 Shanghai Ziquan Packaging Co., Ltd.	会员 Member
上海市闵行区科技企业联合会 Science and Technology Enterprises Federation of Minhang District, Shanghai	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	理事单位 Council member
上海市科技企业联合会 Shanghai Science and Technology Enterprises Federation	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	会员 Member
上海市工业互联网协会 Shanghai Industrial Internet Association	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	会员 Member
上海市包装技术协会 Shanghai Packaging Technology Association (SPTA)		副会长 Vice President 副理事长 Vice Chairman 塑料制品委员会 - 理事长 Plastic Products Committee -Chairman
	上海紫江喷铝环保材料有限公司 Shanghai Zijiang Metallization Environmental Protection Material Co., Ltd.	塑料包装学会 - 会员 Plastic Packaging Committee -Member
	上海紫泉包装有限公司 Shanghai Ziquan Packaging Co., Ltd.	常务理事 Executive member of the council
	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	常务理事 Executive member of the council
	上海紫日包装有限公司 Shanghai ZiRi Packaging Co., Ltd.	团体会员 Group member
	上海紫东尼龙材料科技有限公司 Shanghai Zidong Nylon Material Technology Co., Ltd.	会员 Member
	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	会员 Member

行业协会名称 Name	公司名称 Company	担任角色 Role
中国包装联合会塑料包装专家委员会 Plastics Packaging Committee of China Packaging Federation	上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	委员单位 Committee member
中国化学与物理电源行业协会 China Industrial Association of Power Sources	上海紫江新材料科技股份有限公司 Shanghai Zijiang New Material Technology Co., Ltd.	支持单位 Supporting member
中国电子化工新材料产业联盟 China Electronic Chemical Materials Alliance	上海紫江新材料科技股份有限公司 Shanghai Zijiang New Material Technology Co., Ltd	理事单位 Council member
中国电子材料行业协会 China Electronics Materials Industry Association	上海紫江新材料科技股份有限公司 Shanghai Zijiang New Material Technology Co., Ltd.	理事单位 Council member
上海市食品直接接触材料协会 Shanghai Association of Food Contact Materials	上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	理事单位 Council member
中国医疗器械行业协会 China Association for Medical Devices Industry	上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	会员 Member

参与国家 / 行业 / 团体标准起草的主要情况

Contributions of Zijiang Enterprise and its subsidiaries to national/industry/group standards

公司名称 Company	标准编号 Standard No.	标准名称 Name of standards
上海紫江企业集团股份有限公司 Shanghai Zijiang Enterprise Group Co., Ltd.	GB/T 41167-2021	聚对苯二甲酸二醇酯（PET）饮品瓶通用技术标准 General technical standard for PET beverage bottles
	GB/T 41102-2021	包装 PET 注塑成型模具系统通用技术标准 General technical standard for the packaging PET molding system
上海紫丹印务有限公司 Shanghai Zidan Printing Co., Ltd.	T/SAFCM 024-2020	食品接触产品标签标识和使用说明技术规范 纸餐具 Technical specification for labeling, marking and instructions for food contact products -- paper tableware
	T/SAFCM 023-2020	食品接触产品标签标识和使用说明技术规范 纸杯 Technical specification for labeling, marking and instructions for food contact products -- paper cups
	CY/T 222-2020	柔性版制版过程控制要求及检测方法 The control and testing of the flexographic plate producing process
	T/SHBX 010-2021	印刷包装数字化车间技术规范 Technical specifications for digital printing and packaging workshops
上海紫江彩印包装有限公司 Shanghai Zijiang Color Printing & Packing Co., Ltd.	CEC 053-2021	可循环易回收塑料软包装 Recyclable plastic flexible packaging
	CY/T 211-2020	卷筒料凹版印刷机维护保养规程 Machine procedures for rotogravure printing machines

共赢市场机遇

Winning market opportunities

在“为客户创造价值的同时，自身亦能集聚内在的竞争优势”的理念引领下，我们携手客户与供应商，在彼此赋能，相互成就的基础上，以多元合作，技术攻坚、经验分享等方式，全力开创高质量发展新局面。

Gathering its inherent competitive edges while creating value for customers, Zijiang Enterprise works with customers and suppliers to complement each other and achieves high-quality development through diversified cooperation, technological breakthroughs and experience sharing, striving for new horizons of high-quality development.

多元合作

Diversified cooperation

容器包装事业部与石家庄可口可乐及SCMC携手共建的厂内PET切片海运包装运储系统建成并投入运行。此项目在减少切片的塑料包装的同时，也减少了原料储存与短驳的中间环节，实现经济、社会、环境综合价值创造。

The seaworthy packing & storage system has been put into use in Shijiazhuang Zijiang Cooperation with COFCO Coca-Cola & SCMC. This project is achieving economic, social and environmental values by reducing the use of plastic packaging for PET resin and cutting the intermediate procedures.

技术攻坚

Technological breakthroughs

纸包装事业部与供应商合作研发测试，成功开发出一款可替代原PE淋膜纸产品，具有一定的防油防水效果的新型水性涂层纸张；

紫江新材料与客户联合开展研究攻关，创新产品类型，为企业研发增添助力。

In cooperation with suppliers, the Paper Packaging Business Unit has developed a new type of water-based coated paper that is oil- and water-proof, which can replace the original PE coated paper product;

Zijiang New Material and customers jointly carry out research to make breakthroughs and develop new products, adding new impetus to its R & D.

经验分享

Experience sharing

紫江彩印受“知·质”电台邀请，开展主题为“闵行品质——紫江工匠”的获奖经验分享，讲述紫江履责故事。紫江彩印为格力高、杜邦营养、安利等公司介绍可持续发展包装的概念、范围、分类、优缺点等知识，拓展客户对可回收包装的理解和认识。

At the invitation of a radio program, Zijiang Color Printing shared its an award-winning experience with the theme of "Quality of Minhang created by Zijiang Craftsman", telling its CSR story. The company introduced the philosophy, scope, category, advantages and disadvantages of the sustainable packaging for Glico, Mintel, and Amway to expand their understanding of recyclable packaging.



瓶盖标签事业部成功举办首届饮料标签创新大会
The first Beverage Label Innovation Conference held by the Crown Cap & Label Business Unit



紫华企业与埃克森美孚、陶氏两家重要战略供方进行密切沟通
Zihua Enterprise meets with ExxonMobil and Dow, two of its important strategic suppliers

武汉紫江包装荣获可口可乐中国区唯一瓶胚制造、吹瓶两环节双 A 评级工厂 Wuhan Zijiang Packaging becomes Coca-Cola's only one factory in China to get A rating in both preform manufacturing and bottle blowing

2021 年 4 月，可口可乐和太古集团对武汉紫江包装进行质量食品安全体系审核。在此次审核中，武汉紫江包装成为可口可乐中国区 53 家胚、瓶供应商中唯一一家同时获得瓶胚制造和吹瓶两个环节双 A 评级的工厂。截至 2021 年底，武汉紫江包装连续 3 年未发生过质量投诉事件。

In April, 2021, Coca-Cola and Swire Group reviewed the quality and food safety system of Wuhan Zijiang Packaging Co., Ltd. The company became the only one of the 53 preform and bottle suppliers of Coca-Cola in China to get A rating in both preform manufacturing and bottle blowing. By the end of 2021, it had not received any quality complaints for three consecutive years.

案例
Case

共圆员工梦想

Empowering Employees for Common Progress

基本权益保障

Protecting employees' rights

人才是企业最大的资源与财富，也是我们实现可持续发展的重要根基。我们持续优化员工管理制度，完善员工培养体系，为员工打造多元化、无歧视的工作环境，让员工在更广阔的平台中，追逐梦想，奋力拼搏，感受幸福。

Talent is the greatest resource and wealth of an enterprise, and it also underpins our sustainable development. We continue to optimize the employee management system, improve the employee training system, and create a diversified and non-discriminatory workplace to enable them to chase their dreams on a broader platform.

我们严格遵守《劳动法》《工会法》等相关法律法规，制定并落实《人力资源管理规范手册》《管理总部员工手册》等人力资源管理政策，杜绝使用童工、严禁强迫劳动、反对任何歧视。我们严格遵守地方最低工资标准，按时足额发放工资，并建立员工薪酬增长机制，并对不同性别、国籍、民族、宗教信仰的员工给予充分尊重，致力营造多元包容的工作环境，确保每位员工都能获得公平的职业发展机会。

In strict accordance with Chinese laws and regulations, such as the *Labor Law* and the *Trade Union Law*, we have formulated and implemented human resource management policies, such as the *Human Resource Management Manual* and the *Employee Manual at the Management Headquarters*. We strictly prohibit child labor and forced labor, and oppose any forms of discrimination. In strict compliance with local requirements for minimum wage, we pay wages on time and in full, and have established a pay raise mechanism for employees. Committed to creating a diverse and inclusive working environment, we respect employees regardless of their gender, nationality, ethnicity and religion, and ensure that every employee is accessible to fair career development opportunities.

关键绩效 Key performance

员工总数 **6,899** 人
Total employees: 6,899

董事会中女性成员 **1** 人
Female member in the board of directors: 1

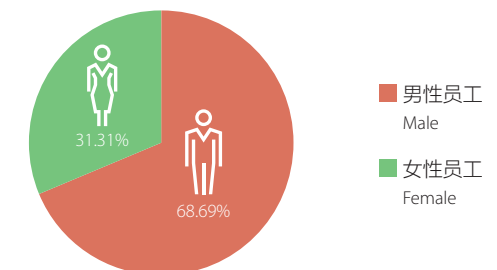
下属企业女性高管比例
16.90%
Percentage of female executives in subsidiaries: 16.90%

残疾员工人数 **19** 人
Number of employees with disabilities: 19

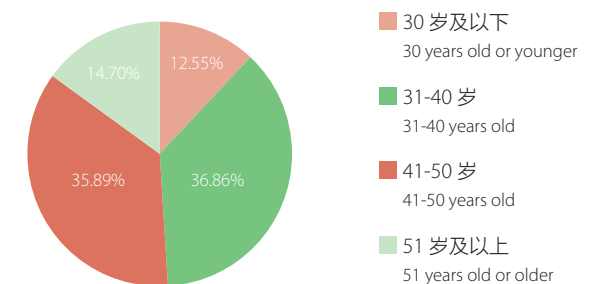
劳动合同覆盖率 **100**%
Employment contract coverage 100%

社会保险覆盖率 **100**%
Social insurance coverage 100%

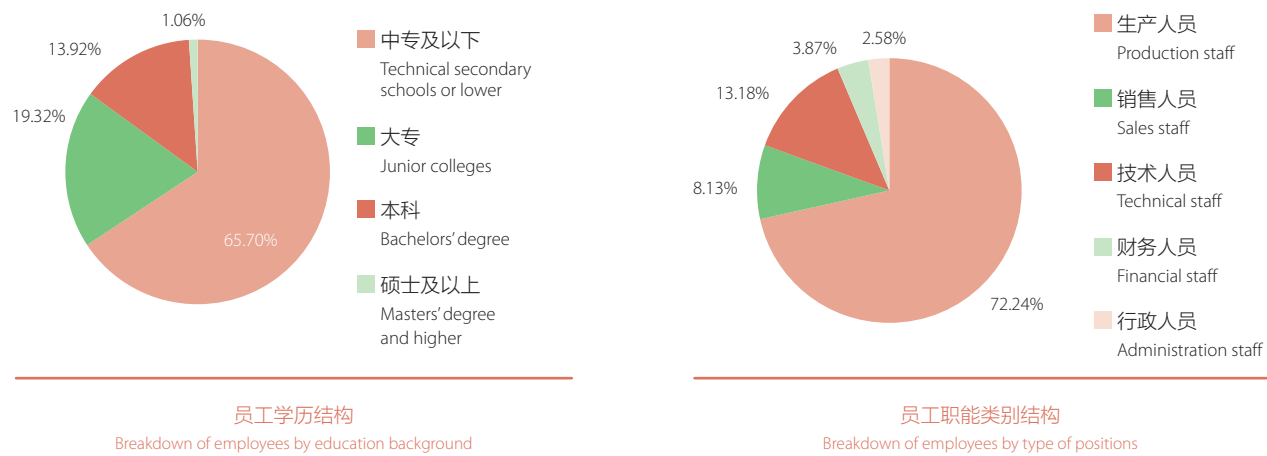
育婴后返岗率 **100**%
Employees' return rate after parental leave 100%



员工性别结构
Breakdown of employees by gender



员工年龄结构
Breakdown of employees by age



倾听员工心声

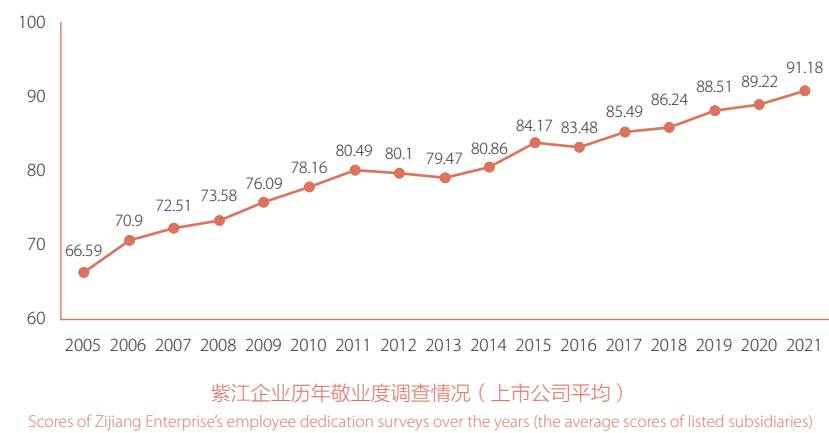
Listening to the voices of employees

我们倾听每位员工的发展诉求，通过《员工敬业度调查问卷》等沟通渠道，鼓励员工积极表达工作和生活中的想法和建议，充分调动员工参与企业决策与经营的热情。

自 2005 年以来，我们通过《员工敬业度调查问卷》，了解员工对公司经营管理的认同感与意见建议。2021 年，《员工敬业度调查问卷》从原来较多关注员工对基本福利、工作环境、企业参与度等，逐渐深入到如何打造优秀经理团队、改善内部管理环境等方面，以此寻找公司赋能员工成长成才的新渠道。

Tracking the demands of each employee, we encourage employees to express their ideas and suggestions in work and life through communication channels such as the *Employee Dedication Survey Questionnaire*, and advocate them to participate in corporate decision-making and operation.

Since 2005, we have distributed the *Employee Dedication Survey Questionnaire* every year to understand the sense of identity of employees and collect their suggestions about our business management. In addition to employees' basic welfare, working environment and participation, the *Employee Dedication Survey Questionnaire* in 2021 also focused on how to build an excellent manager team and improve the internal management environment, so as to find a new channel for the Company to empower employees.



注：紫江企业敬业度调查下属企业员工覆盖率达 66.67% 及以上，员工总数少于 100 人的下属企业实现全覆盖。
Note: Zijiang Enterprise's employee dedication surveys covers over 66.67% of employees of each subsidiary. Companies with less than 100 employees must see to it that all employees answer the questionnaires.



上海紫江彩印组织“三欣会”
The team building activity held by Zijiang Color Printing



紫江新材料组织机长沟通会
The team leader exchange meeting held by Zijiang New Material

助力员工成长

Driving employee growth

我们严格遵守《劳动法》《职业教育法》等相关法律法规，建立健全多层次、多形式的人才培训机制，从职业技能和学历提升等方面，以“一岗多能”“师带徒”“内训师”“星级员工机制”等培养模式，满足员工职业发展需求。同时，公司管理总部充分发挥“人才发展领导小组”作用，围绕《紫江企业人才梯队建设制度》，对各类人才进行分层分类的规范管理，并以轮岗培训等途径，充实基层骨干后备人才，铺就员工成才之路。

In strict accordance with the *Labor Law*, the *Vocational Education Law* and other relevant laws and regulations, we have established a multi-level and multi-form talent training mechanism, and meet the needs of employees' career development in terms of vocational skills and academic qualifications, with the training modes of "one post with multiple abilities", "apprenticeship", "internal lecturers" and "star employee mechanism". Besides, the Management Headquarters of the Company gives full play to the role of the talent development task force to carry out standard management on all kinds of talents by levels and categories based on the *Zijiang Enterprise Talent Development Policy*, and trains the backbone reserve talents at the primary level through job rotation.



紫江企业管理总部人才发展领导小组
The talent development task force of the Management Headquarters of Zijiang Enterprise

A 库人才 A-type Talents

✓ 经过培养，具备担任企业总经理潜质的人才

The employees who have the potentials to serve as the General Manager of the Company after training

紫江企业人才梯队设置
Zijiang Enterprise's talent teams

B 库人才 B-type Talents

✓ 经过培养，具备担任企业各职能高级职员潜质的人才

The employees who have the potentials to serve as senior staff of various functions in the Company after training

C 库人才 C-type Talents

✓ 经过培养，具备担任企业中高级管理人员、各专业类高级技术型人才

The employees able to serve as intermediate management personnel of the Company or senior technical professionals in different categories after training

关键绩效 Key performance

管理总部层实施集训班 **4** 期

4 training sessions organized by Management Headquarters

管理总部层培训人数 **179** 人次

179 participants involved

取得上海开放大学大专学历 **53** 人

53 employees got a college degree from Shanghai Open University

取得上海开放大学本科学历 **43** 人

43 employees got a bachelor degree from Shanghai Open University

容器包装事业部、紫丹印务荣获上海产业人才队伍建设“优秀案例奖”
The Container Packaging Business Unit and Zidan Printing won the Excellent Case Award for the training of industrial talent teams in Shanghai



紫江企业与上海开放大学合作举办首届紫江业“工匠研修班”
The first craftsman workshop jointly held by Zijiang Enterprise and Shanghai Open University



紫燕合金开展员工劳动竞赛
The employee skills competition held by Ziyan Alloy



紫江新材料贺爱忠被评为 2020 年度上海市高新技术成果转化先锋人物
He Aizhong from Zijiang New Material was rated as a pioneer in the high-tech achievement transformation in Shanghai in 2020



纸包装事业部巩洪亮荣获“全国五一劳动奖章”
Gong Hongliang of the Paper Packaging Business Unit won the National Labor Day Medal



紫丹包科马君获得第六届“上海印刷新人奖”
Ma Jun from Shanghai Zidan Packaging won the 6th "Printing Newcomer Award"

凝聚多方力量，共建“东东工匠工作室” Dongdong Studio established to pool strengths of craftsmen of Zijiang Enterprise

2021 年，容器包装事业部组建“东东工匠工作室”，使拥有“工匠”称号的企业技术骨干的“老法师们”能够通过技艺传承，指导全国 43 家工厂共同实现技术进步。该工作室荣获上海市工人先锋号，技术人才培养模式荣获上海市产业人才队伍建设工作案例评选活动年度“优秀案例奖”。

In 2021, the Container Packaging Business Unit established the Dongdong Studio to enable the senior technicians who are the technical backbone in Zijiang Enterprise to guide 43 factories across the country to achieve technological progress. The studio won the title of Pioneer Worker in Shanghai, and the technical talents training mode won the annual Excellent Case Award for the training of industrial talent teams in Shanghai.



“东东工匠工作室”荣获“优秀案例奖”
Excellent Case Award for Dongdong Studio

加强内训师的萃炼、赋能及传承 Strengthening the training of internal lecturers

紫江企业聚焦内训师培养，以提炼经验体系和传承技术知识为目标，进一步完善后备人才梯队建设。2021 年，上海紫江彩印开发内训师课程 9 门，完成内训 62 次，参训 1,362 人；紫江新材料评估和授证内训师 26 人，完成首批内训师评估队伍搭建。

Zijiang Enterprise values the training of internal lecturers and further enhances the reserve talent team with the goal of summarizing experience and sharing technical knowledge. In 2021, Zijiang Color Printing developed 9 courses for internal lecturers and organized 62 internal trainings for 1,362 participants; Shanghai Zijiang New Material evaluated and certified 26 internal lecturers, and formed the first batch of internal lecturer evaluation teams.



紫江新材料完成内训师授证
Internal lecturers certified by Zijiang New Material

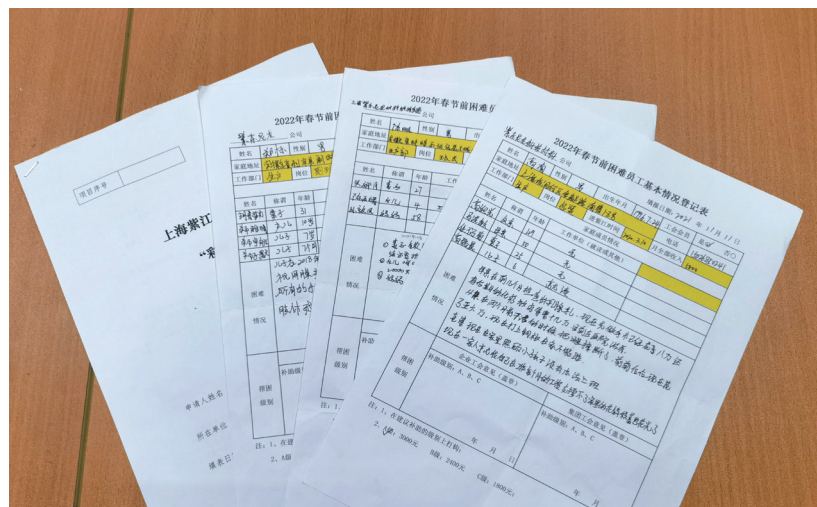
真情关怀员工 Caring for employees

我们坚持做好员工关怀，从员工身边问题着手，充分考虑员工家庭、住行、健康等需求，竭力维护女职工合法权益和特殊利益，帮助困难员工解决子女学费、重病医疗等问题，营造温馨职场氛围。

We track the daily needs of employees, including issues of families, housing, transportation, health, etc. Particularly, we try our best to safeguard the legitimate rights and special interests of female employees, and help employees in need address problems of their children's education and medical treatment of serious diseases, creating a good workplace environment.



上海紫江彩印通过《女职工特殊利益专项集体合同》
Zijiang Color Printing passes the *Special Collective Agreement for the Special Interests of Female Employees*



紫东尼龙摸排困难员工情况
Survey of employees in difficulty by Zidong Nylon

紫华企业点亮新希望，“圆梦”新未来 Zihua Enterprise provides financial support for college students

为资助经济困难员工子女完成大学学业，2021年9月，紫华企业帮助公司困难员工家庭申报紫江公益基金会继“彩虹计划”发起后的助学“圆梦计划”，顺利获得大学就读专项资助，重新点亮困难员工家庭对生活的希望。

In order to support the children of employees with financial difficulties to complete their college studies, in September 2021, Zihua Enterprise helped the families of employees with financial difficulties to apply for "Fueling Your Dream" Plan, another project of Zijiang Foundation after the Rainbow Project launched. The project lights the life of the families of employees in need.

案例
Case

焕发团队朝气 Building energetic teams

我们在保障员工身心健康的同时，积极组织趣味运动会、读书会、旅游等丰富的文娱活动，帮助员工缓解日常压力，平衡工作与生活。

While ensuring the physical and mental health of employees, we also organize sports events, reading activities, tours and other colorful cultural and recreational activities to help employees relax and balance work and life.



容器包装事业部组织足球比赛
The football matches organized by the Container Packaging Business Unit



紫江新材料组织员工旅游活动
Tours organized by Zijiang New Material



纸包装事业部组织千岛湖划艇活动
The rowing activity organized by the Paper Packaging Business Unit in Qiandao Lake



上海紫江铝组织趣味运动会
Games organized by ZJMP

共建幸福社区

Building Harmonious Communities Together

我们在践行可持续发展的过程中，始终不忘回馈社会，致力发挥自身优势，紧紧围绕社会当前需求，弘扬志愿精神，严守疫情防控底线，携手利益相关方共建幸福社区。

We always bear in mind to give back to society in the course of our sustainable development. We strive to address the current needs in society with our strengths, such as securing COVID-19 control and promoting volunteerism, to build harmonious communities together with our stakeholders.

全力防疫抗疫

Sparing no effort to fight COVID-19

面对此起彼伏的疫情，我们严守疫情防控底线，将防疫工作常态化，动态调整防疫方案，努力克服疫情对安全生产的不利影响，与客户合作积极复工复产。同时，积极投身社区疫情防控工作，参与疫情防控阻击战，构建全民防疫屏障，维护经济秩序正常。

In response to the evolving COVID-19 dynamics, we strictly maintain effective pandemic control by implementing routine control measures with well-timed adjustments to mitigate the negative impact on work safety. We vigorously collaborate with our customers to resume production and work while actively participating in community-based COVID-19 response to build the immune barrier against pandemic for all and maintain normal economic order.

员工防疫

COVID-19 response for employees

- 容器包装事业部做到“应接尽接”，95%以上员工完成全程疫苗接种；
- 2021年石家庄、北京、天津三地爆发疫情，容器包装事业部华北大区京津地区4家工厂通过严格落实防疫措施，实现零感染；
- 紫东尼龙响应政府就地过年号召，放弃停机计划，过年期间连续生产，并制定春节上班的激励政策，开展人情关怀，让外地员工安心在上海过年。
- The Container Packaging Business Unit works to ensure all people eligible for vaccination have access to it. Over 95% of its employees are fully vaccinated against COVID-19;
- When the COVID-19 outbreak hit Shijiazhuang, Beijing and Tianjin in 2021, four factories of the Container Packaging Business Unit in North China located in Beijing and Tianjin, realized zero infection through strict implementation of preventive measures;
- Following the government's call to stay local during the Spring Festival holidays, Zidong Nylon cancelled planned shutdown and kept production. It also formulated incentive policy for non-local workers who work during this period and provided care for them to spend the Spring Festival in peace and harmony here in Shanghai.

复工复产

Resumption of work and production

- 3月19日-4月11日，唐山全域静默，唐山达能工厂封闭管理保障生产，唐山紫江全力配合满足供给，13名员工住厂保生产，其余23名员工居家隔离，公司按时给予每位居家员工应有的生活保障；
- 紫日包装销售服务团队在甘肃中粮可口可乐2021年疫情封城期间，为满足客户生产需求，中粮可口可乐、承运商、公司三方共同努力，圆满完成西安封城期间的生产需求，甘肃中粮可口可乐评定紫日包装为“最佳供应商”；
- 容器包装事业部京津大区石家庄紫江、天津实发紫江荣获中粮可口可乐抗疫最佳合作伙伴。
- From March 19 to April 11, Tangshan was locked down. The factory of Danone in Tangshan implemented closed management to ensure manufacture. Tangshan Zijiang fully cooperated with it to meet its supply. 13 employees lived in the factory to ensure manufacture, and the rest 23 employees were isolated at home. The company provided every home-based employee with necessary life security on time;
- During the pandemic lockdown period in 2021, ZiRI Packaging's sales service team for Gansu COFCO Coca-Cola Beverage Co., Ltd. tried hard to meet production demand of the customer. With the joint effort of COFCO Coca-Cola, the carrier and the company, the production task during the lockdown of Xi'an City was successfully accomplished, and Gansu COFCO Coca-Cola rated ZiRI Packaging as "Best Supplier";
- Shijiazhuang Zijiang Packaging Material Co., Ltd., Tianjin Shifa Zijiang Packaging Co., Ltd. in Beijing and Tianjin Region under the Container Packaging Business Unit were awarded as Best Anti-Pandemic Partner of COFCO Coca-Cola.

社区防控

Community-based prevention and control

- 紫华科技志愿服务队志愿者利用双休日来到鑫都路莘庄工业区设置的临时疫苗接种点，向居民普及接种信息、动员接种，帮助居民做接种前信息登记，协助医护人员为接种者答疑解惑，助力更好、更快、更有序接种。
- During weekends, Volunteers from Zihua Enterprise Volunteer Service Team come to the temporary vaccination point at Xinzhuang Industrial Zone at Xindu Road to help with information publicity, vaccination promotion and pre-vaccination registration for the local residents and assist medical staff in answering questions from those to be vaccinated, so as to facilitate better, faster and orderly vaccination.



紫华企业志愿服务队开展新冠疫苗接种志愿服务
Zihua Enterprise Volunteer Service Team provides volunteer services for vaccination against COVID-19

奉献社会爱心

Contributing to social welfare

我们积极参与社区建设，通过捐款、捐物等形式，扶贫帮困，贡献文化教育事业，支持并鼓励员工参与形式多样的志愿者服务活动，共建和谐社区。

We actively participate in community development through donation of money and goods to help the poor and those in distress, make contribution to cultural and educational undertakings. Besides, employees are supported and encouraged to take part in various volunteer services in jointly building a harmonious community.



上海紫江喷铝在云南威信县蒿枝坝小学开展助学献爱心活动
ZJMP organizes education donation at Haozhiba Primary School in Weixin County, Yunnan



紫江国贸开展青海班玛行物资捐赠活动
Zijiang Int'l Trade organizes donation of goods in Banma County, Qinghai



紫江新材料参加第二届钢琴捐赠仪式
Zijiang New Material participated the second piano donation ceremony



紫丹印务为新疆泽普县阿克塔木乡巴什托扎其村（6）村捐赠5万元帮扶资金
Zidan Printing donates RMB 50,000 relief funds to Bashituozaqie(6) Village, Aqatam Township in Zepu County, Xinjiang

社会责任故事

“感谢你们，书我们看了，非常好看，我们一定会好好学习，努力学习汉语，也希望你们身体健康。”

——受助孩子向青海班玛行物资捐赠活动发来感谢信

“Thank you, we read the books and they are very interesting. We will study hard and learn Chinese by heart. Hope you are all in good health.”

Letter of appreciation from children receiving donated goods in Banma County, Qinghai



03

固本强基 成就非凡事业

我们在“清清白白做人，兢兢业业做事”的可持续发展理念指引下，凝心聚力、砥砺前行，持续完善公司治理体系，夯实业务高质量发展根基，携手利益相关方共迎新挑战，共赢新未来。

Upholding the sustainability principle of "Behave Honestly, Work Sedulously", we forge ahead in solidarity with ongoing improvement of corporate governance system and consolidated foundation for high-quality business development. Together with stakeholders, we rise to new challenges and create a bright future.



举措 Initiatives

- 完善公司治理
Improving corporate governance
- 夯实业务根基
Consolidating business foundations
- 可持续发展管理
Sustainability management



关键绩效 Key performance

- 回应投资者来电 **165** 次 / 封
165 calls/letters from investors responded
- 受到过证监会或上海证券交易所处罚或警示 **0** 次
0 warning received from CSRC or SSE

Consolidating the Foundation for
Outstanding Achievements

8 体面工作和
经济增长



8 DECENT WORK AND
ECONOMIC GROWTH



完善公司治理
Improving Corporate Governance

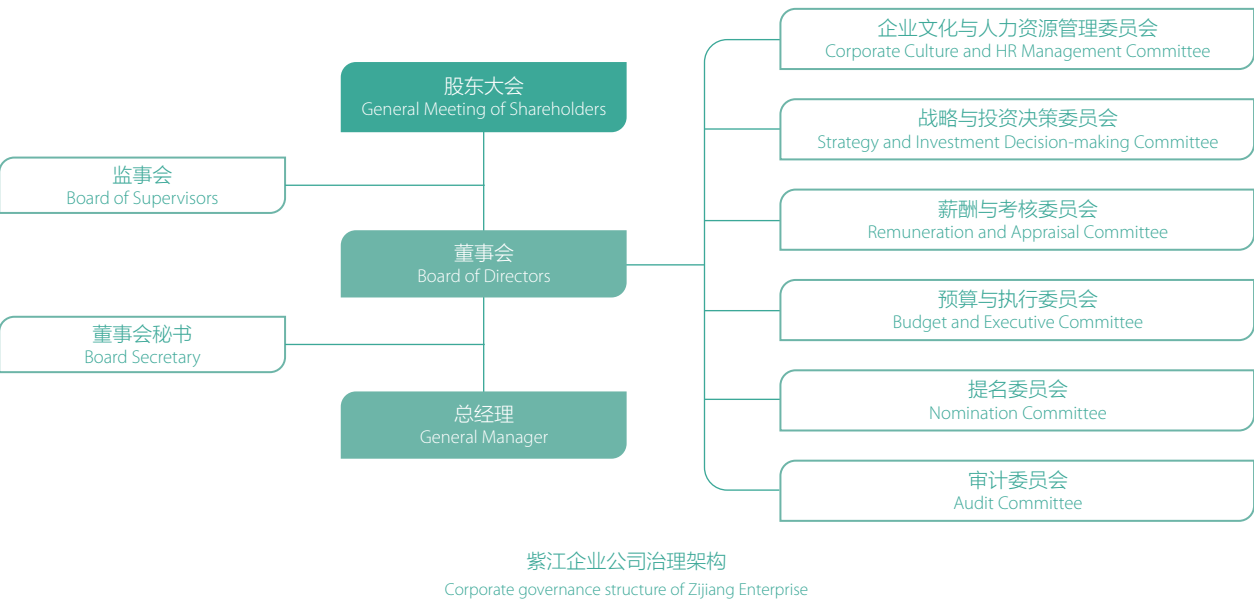
治理机制
Governance mechanism

作为企业发展的基础，良好的公司治理机制有助于提升公司价值、维护股东权益。我们严格按照相关法律、法规及条例要求，持续完善现代企业制度，推进治理体系建设，规范日常运作，夯实可持续发展根基。

As the solid foundation for business development, a sound corporate governance mechanism is helpful to increase corporate value and to protect the rights and interests of shareholders. To consolidate the foundation for sustainability, we strictly follow the requirements stipulated in relevant laws, regulations and rules to continuously improve modern corporate system and promote the establishment of governance mechanism to standardize its daily operations.

我们严格按照《公司法》《证券法》《上市公司治理准则》，以及中国证券监督管理委员会和上海证券交易所的有关法律、行政法规、部门规章、规范性文件的要求进行规范运作。公司股东大会、监事会、董事会等相关会议均按照相关法律、法规及议事规则规定的程序召开。

We strictly abide by Chinese laws and regulations, such as the *Company Law*, the *Securities Law*, and the *Code of Corporate Governance for Listed Companies*, as well as rules and regulatory documents of the China Securities Regulatory Commission and SSE. General Meeting of Shareholders, and meetings of the Board of Supervisors, and the Board of Directors (BoD or the Board) are held in accordance with relevant laws, regulations, and procedures stipulated in the rules of procedure.



- 战略与投资决策委员会：负责对公司中长期发展战略、重大固定资产和无形资产投资项目、对外股权投资项目、资本运营项目进行评估，并审议批准委员会权限范围内的投资项目，并就公司中长期发展战略和超过委员会权限范围的投资项目向董事会提出议案，提请董事会审议批准。

Strategy and Investment Decision-making Committee: Responsible for evaluation on medium- and long-term development strategies, fixed assets and intangible assets investment projects, external equity investment and capital operation projects, review and approval of investment projects within its term of reference, and making proposals regarding medium- and long-term development strategies and investment projects beyond its term of reference to Board for its consideration and approval.

- 薪酬与考核委员会：负责制定公司董事及高级管理人员的考核标准和考核方法，并开展考核；负责制定、审查公司董事及高级管理人员薪酬方案，提交董事会或股东大会批准。

Remuneration and Appraisal Committee: Responsible for formulating appraisal criteria and method for directors and senior management and conducting such appraisal; responsible for formulating and reviewing remuneration package for directors and senior management before submission to the Board or General Meetings of Shareholders for approval.

- 预算与执行委员会：负责制定经营策略和方针，指导经营层在既定方针下开展工作。同时，对公司的预算执行情况实行持续的监察和督导，对公司的运营情况实行跟踪。

Budget and Executive Committee: Responsible for development of operation strategies and policies, providing guidance for the management to implement pre-defined policy. Meanwhile, performing ongoing monitoring and supervision to the budget execution and tracking the operation of the Company.

- 提名委员会：负责对公司董事和高级管理人员的人选、选择标准和程序进行选择并提出建议。

Nomination Committee: Responsible for selecting candidates, shortlisting criteria and procedure for directors and senior managements and making relevant recommendations.

- 审计委员会：负责公司内、外部审计的沟通、监督和核查工作。审计委员会的提案提交董事会审议决定。审计委员会应配合监事会的监事审计活动。

Audit Committee: Responsible for communication, supervision and verification of internal and external audit of the Company. Proposals of the Audit Committee are submitted to the Board for consideration and decision. Audit Committee shall facilitate the Board of Supervisors in supervising auditing activities.

- 企业文化与人力资源管理委员会：负责公司统一的企业文化建设，部署人力资源保障工作的方针政策和决策，人力资源培训及管理。

Corporate Culture and HR Management Committee: Responsible for building unified corporate culture, planning and decision-making for HR management principles and policies, HR training and management.

关键绩效
Key Performance

董事会审议议案中董事会 20 项，委员会 30 项
20 proposals from the Board, 30 proposals from specialized committees submitted to the Board for deliberation

女性董事占比 11 %
11% of directors are female

召开股东大会 1 次
1 general meeting held

召开董事会 4 次
4 board meetings held

召开监事会 4 次
4 meetings of the Board of Supervisors held

召开战略与投资决策委员会 6 次
6 meetings of Strategy and Investment Decision-making Committee held

召开审计委员会 5 次
5 meetings of Audit Committee held

召开薪酬与考核委员会 1 次
1 meeting of Remuneration and Appraisal Committee held

召开预算与执行委员会 2 次
2 meeting of Budget and Executive Committee held

保障股东权益

Protection of shareholders' rights

关键绩效 Key Performance

回应投资者来电

165 (次/封)

165 calls/letters from investors responded

股东的参与和支持是我们实现可持续发展的重要基础。我们不断强化股东的监督职权，以合理的监督制约机制，保障公司的规范运作。通过法定披露平台信息披露以及召开股东大会、召开业绩说明会、上证 e 互动问答、电话咨询等多种方式，做好信息披露并加强与投资者的沟通，保障股东权益、回应股东诉求。

2021 年，我们通过上海证券交易所上证路演中心和上证 e 互动平台召开 2020 年年度报告及 2021 半年度报告业绩说明会，公司总经理、财务总监、董事会秘书出席，并对投资者关切问题进行了回应。

The sustainable development of Zijiang Enterprise is inseparable from the participation and support of shareholders. In order to ensure our standardized operations, we continue to strengthen the supervisory power of shareholders with a reasonable supervision and restriction mechanism. We enhance information disclosure and investor engagement through various channels such as disclosing information on disclosure platform designated by relevant laws and regulations, holding General Meeting of Shareholders, performance briefing, SSE E-Interactive Q&A, telephone enquiry, thus responding to shareholders and protecting their rights and interests.

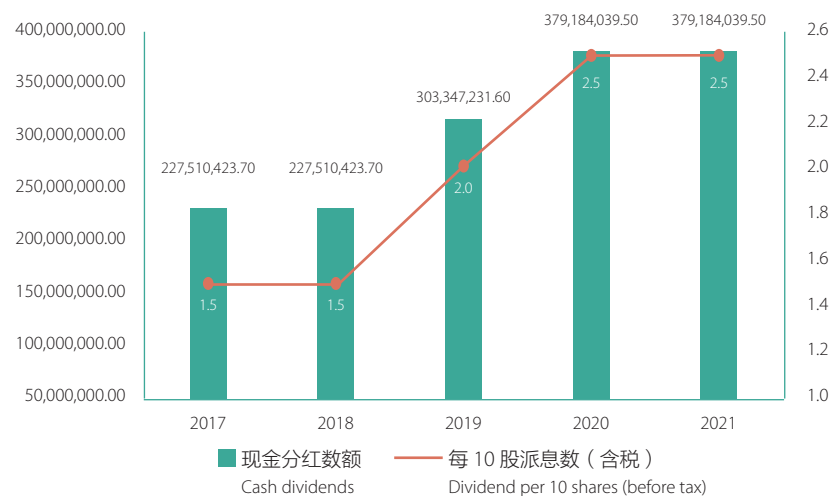
In 2021, we held performance briefings on 2020 annual report and 2021 interim report on SSE road show and SSE E-Interactive platform. Meanwhile, General Manager, Financial Director and Board Secretary attended and responded to the concerns of investors.

年度分红与派息

Annual dividend distribution

我们在兼顾可持续发展前提下，不断提升稳健的经营能力保障投资者收益权。2021 年，即使在新冠疫情影响下，公司股价全年上涨 123.90%，同期沪深 300 指数下跌 5.20%；派发现金红利 379,184,039.50 元（含税），占当年归母净利润 553,180,163.22 元的 68.55%，累计现金分红总额 391,520 万元（不含 2021 年度分红），为募集资金总额的 1.79 倍。

We keep enhancing our steady operational capacity to safeguard the revenue of our investors on the basis of sustainability. In 2021, despite the COVID-19 impact, the share price of the Company increased by 123.90% annually, while the Shanghai Shenzhen CSI 300 Index decreased by 5.20% for the same period. The Company distributed a dividend of RMB 379,184,039.50 (before tax) to shareholders, accounting for 68.55% of the net profit attributed to the parent company of RMB 553,180,163.22 for the year. The total amount of accumulated cash dividend was RMB 391.52 million (excluding the dividend for the year 2021), representing 1.79 times of the total proceed.



紫江企业五年派息数（元）
Dividend payouts (RMB) of Zijiang Enterprise in the past five years

推进合规管理

Compliance management

关键绩效 Key Performance



我们严格按照上交所《股票上市规则》《公司章程》以及各项专门委员会工作制度所规定标准审议公司事项，积极推进合规管理体系建设，落实公司风险管控和应对风险的制度，全面提升依法治企与合规管理能力，确保企业稳健发展。

We review corporate matters in accordance with the *Rules Governing the Listing of Stocks on Shanghai Stock Exchange*, the *Articles of Association*, and procedures stipulated in the rules of specialized committees. In addition, we have strengthened the overall corporate governance and compliance management capabilities through actively promoting the establishment of compliance management mechanism and implementing risk control and risk response policies, thus ensuring its steady development.

受到过证监会或上海证券交易所处罚或警示 0 次
0 warning received from CSRC or SSE

发生违规事件 0 起
0 legal or regulatory violation

夯实业务根基

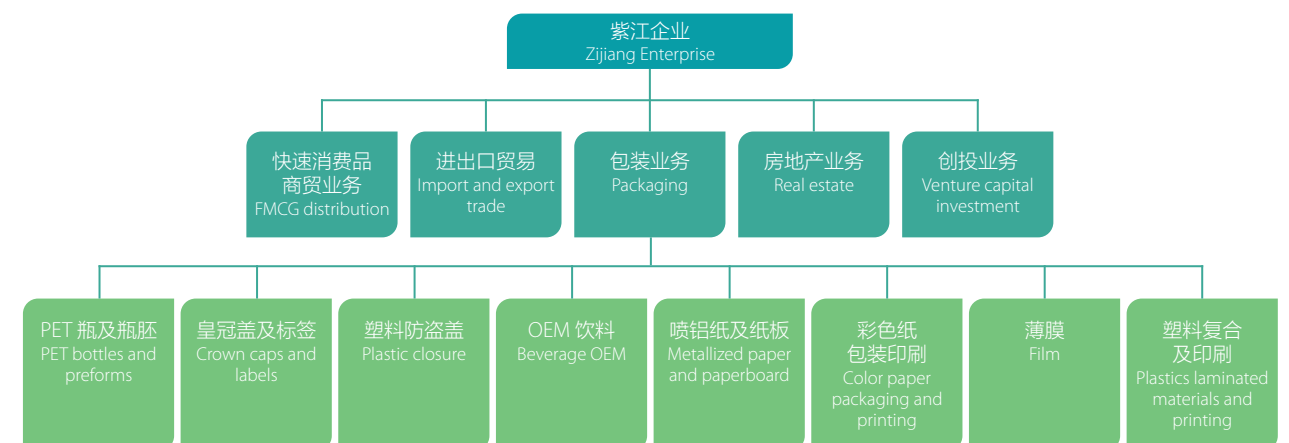
Consolidating Business Foundation

成立 30 余年，紫江企业构建了以包装印刷业务为核心，以快消品经销、进出口贸易、房地产和创投业务为辅的产业布局，管控企业 100 余家。通过业务发展，形成了饮料包装产业、软包与新材料产业、商贸与物流产业的三大产业集群。

紫江企业始终保持锐意进取的精神，以可持续发展为宗旨，以提高经济效益为目标，以客户增值服务为导向，整合资源并完善管理，与可口可乐、百事可乐、统一、达能、强生、麦当劳、雀巢、联合利华、SONY 等众多知名企业形成了长期、稳定的合作关系。

After over 30 years of development, Zijiang Enterprise has built an industry structure centered on packaging and printing, and supported by fast-moving consumer goods (FMCG) distribution, import and export trade, real estate, and venture capital, with more than 100 affiliated companies under management. Our business operations grow into three clusters, namely the beverage packaging cluster, the soft packaging & new material cluster, and the trade and logistics cluster.

Forging ahead with determination, Zijiang Enterprise has integrated resources and improved management in order to pursue sustainable development, improve economic efficiency, and provide customers with value-added services. In addition, we have established long-term and stable partnerships with a number of well-known companies, such as Coca-Cola, Pepsi, Uni-President, Danone, Johnson & Johnson, McDonald's, Nestlé, Unilever, SONY, etc.





紫江企业三大产业集群
Three major industry clusters of Zijiang Enterprise

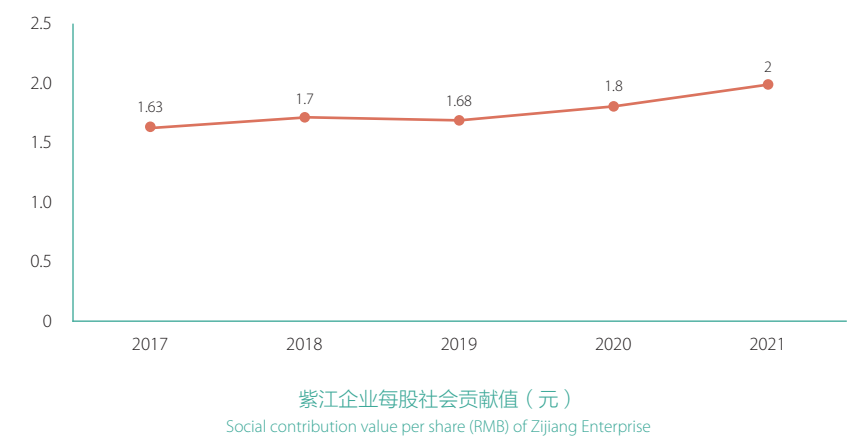
可持续发展管理

Sustainability Management



公司一步步将可持续发展理念融入企业文化与公司发展全局,打造企业核心竞争力,为企业基业常青注入强劲动能。

The Company gradually integrates the sustainability philosophy into the corporate culture and the overall development to create the core corporate competitiveness, injecting strong momentum into the sustainable development of the Company.

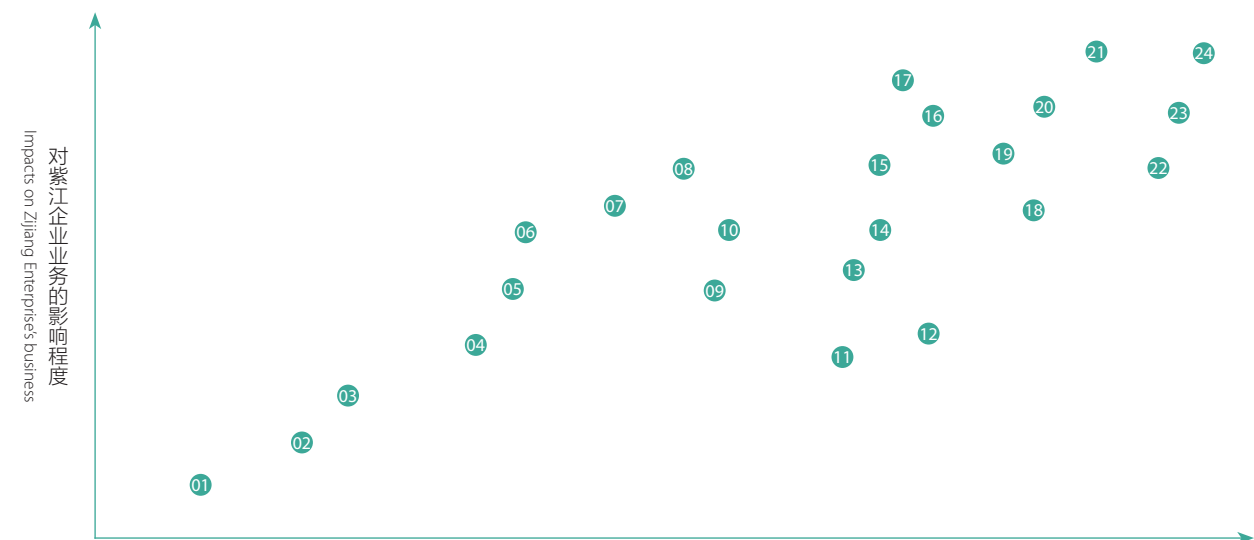


紫江企业荣获上海市经济团体联合会颁发的《社会责任报告发布证书》
Zijiang Enterprise has been awarded the Social Responsibility Report Release Certificate by the Shanghai Federation of Economic Organizations

实质性议题分析
Materiality analysis

紫江企业从利益相关方角度出发，结合业务特点、中国国情国策、行业特性，通过识别、排序、审核、回顾等环节，从“对紫江企业业务的影响程度”和“对经济、环境、社会的影响程度”两个维度开展可持续发展实质性议题分析，确定实质性议题优先级，全面回应利益相关方诉求与期待，有针对性地开展可持续发展管理与实践。

From the perspective of stakeholders and taking into account the business and industry characteristics, national conditions and policies, we analyze the sustainability topics from the two dimensions of "Impacts on Zijiang Enterprise's business" and "Impacts on economy, society and environment" across the process of identification, prioritization, verification and review. The priority of material topics is thus determined to response to the demands and expectations of stakeholders. Targeted sustainability management and practice will also be launched.



01. 社区投资与参与
Community investment and engagement

02. 民主管理
Democratic management

03. 福利与关爱
Benefits and care

04. 包容与多元化
Inclusion and diversity

05. 吸引与留用
Attraction and retaining

06. 贡献行业发展
Contributions to industry development

07. 精益 & 智能管理
Lean and intelligent management

08. 供应链管理
Supply chain management
09. 能源管理
Energy management

10. 危险废弃物管理
Hazardous waste management

11. 水资源管理
Water resource management

12. 固体废物管理
Solid waste management

13. 废气管理
Waste gas management

14. 培训与发展
Training and development

15. 风险管理
Risk management

16. 碳排放管理
Carbon emission management
17. 客户关系管理
Customer relations management

18. 应急管理
Emergency management

19. 产品创新
Product innovation

20. 安全管理体系建设
Safety management system building

21. 防疫抗疫
COVID-19 reponse

22. 安全风险识别与管控
Safety risk identification and management

23. 道德与合规
Ethnic and compliance

24. 产品质量安全管理
Product quality and safety management

紫江企业实质性议题分析矩阵
Analysis matrix of material topics of Zijiang Enterprise

利益相关方沟通与参与
Stakeholder communication and engagement

紫江企业通过多种渠道与利益相关方沟通，结合公司的实质性议题，了解和满足利益相关方期望与需求，建立完善、公开、透明的沟通机制，推动公司可持续发展管理工作的持续改进。

Zijiang Enterprise communicates with stakeholders through various channels. We strive to understand and meet the expectations and needs of stakeholders based on the material topics identified by the Company and a sound, open and transparent communication mechanism, so as to promote the continuous improvement of our sustainability management.

利益相关方 Stakeholders	核心诉求 Core expectations	主要沟通方式 Main communication methods
 客户 Customers	<ul style="list-style-type: none">● 提高客户竞争力 Improving customer competitiveness● 优质、绿色的产品与服务 Providing quality, green products and services	<ul style="list-style-type: none">● 客户拜访 Customer visits● 客服电话 Consumer service calls● 产品碳足迹核查 Product carbon footprint verification
 股东 Shareholders	<ul style="list-style-type: none">● 良好的投资回报 Good returns on investment● 透明、及时的信息披露 Transparent and timely information disclosure	<ul style="list-style-type: none">● 股东大会 General meeting of shareholders● 发布公告 Announcements● 电子邮件、平信邮寄 E-mail and ordinary letters● 接待投资者来访 Receiving visiting investors● 交易互动平台 Trading and interactive platforms● 投资者电话 Phone calls with investors
 政府机构 Government agencies	<ul style="list-style-type: none">● 合规经营 Compliance management● 增加就业机会 Increasing employment opportunities● 关注气候变化 Paying attention to climate change● 支持循环经济 Supporting circular economy	<ul style="list-style-type: none">● 政策指示 Policy instructions● 定期汇报 Regular reporting● 日常沟通 Daily communication● 环境信息披露 Environmental information disclosure
 行业组织 Industry organizations	<ul style="list-style-type: none">● 贡献行业发展 Contributing to industry development● 推动行业良性竞争 Advocating healthy competition in the industry	<ul style="list-style-type: none">● 参与行业标准制定 Participating in the formulation of industry standards● 行业交流大会 Industry exchange meetings
 合作伙伴 Business partners	<ul style="list-style-type: none">● 供应链的可持续发展 Sustainable supply chain● 互利共赢的伙伴关系 Mutually beneficial and win-win partnerships	<ul style="list-style-type: none">● 招标采购会 Bidding and purchasing meetings● 业务交流与合作 Business exchange and cooperation
 员工 Employees	<ul style="list-style-type: none">● 基本权益保障 Protecting employees' basic rights● 良好的成长空间 Creating opportunities for career development● 职业健康安全 Occupational health and safety	<ul style="list-style-type: none">● 职工代表大会 Workers' Congress● 敬业度调查 Employee dedication survey● 企业内刊 Internal publications
 社区 Communities	<ul style="list-style-type: none">● 增进民生福祉 Enhancing people's well-being● 改善社区环境 Improving community environment	<ul style="list-style-type: none">● 爱心捐赠 Donations● 绿色公益活动 Environmental campaigns

展望未来 Outlook



大舸中流下，青山两岸移。站在“两个一百年”的历史交汇点，我们锚定奋斗目标，顺应时代发展的“新要求”，推动创新发展的“新角度”，在风险挑战面前砥砺前行，迎难而上，深化节能减排工作，创新绿色产品研发，夯实安全生产管理，加快人才梯队建设，拓宽社会公益实践，全面开启“十四五”发展新征程！

诚信经营 强管理

Honest operation
with enhanced
management
capabilities

我们将秉持“清清白白做人，兢兢业业做事”的可持续发展理念，遵守商业道德，建立健全职责清晰、规范廉洁的治理体系，着力搭建透明、全面的沟通平台，保障公司的规范运作，维护投资者的权益，致力以坚实步伐迈出可持续发展之路。

"The big ship breaks through currents with stand-out direction rapidly, while green mountains retreat along the river banks". At the historic crossroad of the "Two Centenary Goals," we will brave the risks and challenges and press ahead with the set goals, following the new development requirements of the times through the new perspective of innovation-driven development. We will further energy saving and emission reduction through R&D of green products, strengthen work safety management and speed up building of structured talents. Moreover, we will broaden social welfare practices, and embark on the new journey for development during the 14th Five-Year Plan period!

We will stick to our sustainability concept of "Behave Honestly, Work Sedulously" and follow business ethics, to build and improve a standardized governance system with well-defined responsibilities and enhanced integrity as well as a transparent and comprehensive communication platform. We strive to embark on the journey of sustainability by ensuring the standardized operation of the Company and protecting the rights and interests of investors.

低碳循环 可持续

Low-carbon and
circular economy
for sustainability

我们将低碳发展和循环经济的理念融入产品设计、生产制造、物流运输等公司运营全流程，继续以全生命周期的绿色管理，携手伙伴共同为利益相关方的绿色生活提供更多选择，为“双碳目标”的实现贡献紫江力量。

We will integrate the concept of low-carbon development and circular economy into the whole process of our operation such as product design, manufacturing and production, logistics and transportation. We will continue contributing Zijiang's strength to the "carbon peak and carbon neutrality goals" through implementation of full life-circle green management and join hand with our partners in offering more options for the green life of our stakeholders.

技术研发 新台阶

Technology
innovation for new
momentum

我们将牢牢把握数字时代脉搏，以可持续发展的视角布局智能制造，在新产业、新模式、新业态中，以面向未来的、行业领先的产品和技术，孕育出新的经济增长点，满足人民美好生活的需要。

We closely follow the main stream in digital era and make arrangement in intelligent manufacturing in a sustainable way. We strive to foster new growth area in new industries, new model and new business forms relying on industry-leading products and technology for the future thus meeting the needs of the people to live better lives.

生产风险 零容忍

No tolerance
to work safety
hazards

我们将坚持以“零容忍”的态度，持续完善“企业安全标准化管理体系”，着力推动安全智能化管理，全面编织“安全网络”，层层压紧压实安全责任，致力改善安全生产环境、减少和杜绝安全生产事故，为员工的健康和安全保驾护航。

We will adhere to "zero tolerance" policy and continue to improve the "Enterprise Safety Standardization Management System". We will advance intelligent safety management by building a more complete intelligent "safety network" and implement regular safety management tasks at all level. We are committed to improve work safety, reduce and eliminate safety accidents, and safeguard well-being and safety of our employees.

齐心协力 同成长

Making concerted
efforts for common
progress

我们将充分发挥不同人才对助推可持续发展的基础支撑作用，积极打造以“紫江工匠”为引领的高素质人才队伍，深入了解员工需求，通过宣传、培训、对话，竭力为员工营造成长发展环境和氛围，与员工一起同频共振，同向发力，合力推动可持续发展。

In order to make full use of various talents in providing foundational support to sustainability, we strive to foster environment and atmosphere for staff growth and development by understanding their needs through publicity, training and dialogue, and actively build high-quality talent team led by "Zijiang Craftsmen", so as to join hands with our staff to promote sustainable development.

反哺社会 共繁荣

Giving back to
the community
for common
prosperity

我们将积极扩展与社区接触机会，充分发挥自身业务优势，与利益相关方携手投身志愿服务、疫情防控、抗震救灾等，共同应对社会当前挑战，让希望与温暖成为美好家园的幸福底色。

We will vigorously expand our engagement with the community, and work with stakeholders in addressing current social challenges by fully leveraging our business strength to provide volunteer services, and support COVID-19 fight, earthquakes or other disaster relief works. Let hope, warmth and happiness become the defined features of a better homeland.

关键绩效

指标	单位	2020 年	2021 年
经济			
总资产	亿元	110.67	121.60
营业收入	亿元	84.18	95.29
利润总额	亿元	6.94	7.61
每股社会贡献价值	元	1.80	2.00
现金分红数额	元	379,184,039.50	379,184,039.50
受到过证监会或上海证券交易所处罚或警示	次	0	0
环境			
实施节能改造项目	项	12	13
废气总排放量	立方米	90.07	66.08
废气达标排放	%	100	100
废水达标排放率	%	100	100
重点控排企业污水总排放量	立方米	54,153.00	21,402.00
用电总量	万度	48,025.64	54,208.47
外购电力总量	万度	47,347.64	53,024.59
清洁能源发电量	万度	678	1,183.88
天然气使用量	万立方米	242.08	556.35
外购热力总量（蒸汽）	万吨	4.45	10.19
综合能源消耗总量	吨标准煤	141,024.19	163,418.16
每万元产值电耗	度 / 万元	635.11	619.91
非化石能源比重	%	1.41	3.66
危险废物产生总量	吨	1,334.54	1,112.50
危险废物产生密度	吨 / 万元	0.0018	0.0013
危险废物处置量	吨	1,334.54	1,112.50
危险废物处置合规率	%	100	100
无害废弃物产生密度	吨 / 万元	0.034	0.03
无害废弃物处置率	%	100	100
清洁能源设施建造费用	万元	0	270.00
节能改造投入费用	万元	1,299.47	1,659.21
社会			
员工总数	人	7,069	6,899
残疾员工人数	人	20	19
董事会中女性成员	人	1	1
下属企业女性高管占比	%	16.40	16.90
育婴后返岗率	%	100	100
员工流失率	%	5.00	10.70
社会保险覆盖率	%	100	100
劳动合同覆盖率	%	100	100
职业病危害事故	起	0	0
重大人员伤亡事故发生及 50 万元以上的财产损失	起	0	0

Key Performance Indicators

Indicators	Unit	2020	2021
Economic			
Total assets	RMB million	11,067	12,160
Revenue	RMB million	8,418	9,529
Total profit	RMB million	694	761
Social contribution value per share	RMB	1.80	2.00
Cash dividends	RMB	379,184,039.50	379,184,039.50
Penalty or warnings by CSRC or Shanghai Stock Exchange	Times	0	0
Environmental			
Number of energy-saving transformation projects	-	12	13
Total waste gas emission	m ³	90.07	66.08
Up-to-standard discharge rate of waste gas	%	100	100
Up-to-standard discharge rate of wastewater	%	100	100
Total wastewater discharge by key subsidiaries under wastewater treatment control	m ³	54,153.00	21,402.00
Total electricity consumption	10,000 kWh	48,025.64	54,208.47
Total purchased electricity	10,000 kWh	47,347.64	53,024.59
Electricity generated from clean energy	10,000 kWh	678	1,183.88
Natural gas consumption	10,000 m ³	242.08	556.35
Total purchased heat (steam)	10,000 tons	4.45	10.19
Total energy consumption	Ton of standard coal equivalent	141,024.19	163,418.16
Power consumption per RMB 10,000 of output value	kWh/RMB 10,000	635.11	619.91
Proportion of non-fossil energy	%	1.41	3.66
Total hazardous waste generated	ton	1,334.54	1,112.50
Intensity of hazardous waste generated	ton/RMB 10,000	0.0018	0.0013
Hazardous waste disposal	ton	1,334.54	1,112.50
Compliance rate of hazardous waste disposal	%	100	100
Intensity of non-hazardous waste	ton/RMB 10,000	0.034	0.03
Non-hazardous waste disposal rate	%	100	100
Cost of constructing clean energy facilities	RMB 10,000	0	270.00
Cost of energy-saving transformation	RMB 10,000	1,299.47	1,659.21
Social			
Total employees	-	7,069	6,899
Number of employees with disabilities	-	20	19
Female member in the Board of Directors	-	1	1
Proportion of female executives in subsidiaries	%	16.40	16.90
Employee return rate after childbirth	%	100	100
Employee turnover rate	%	5.00	10.70
Social insurance coverage	%	100	100
Employment contract coverage	%	100	100
Occupational hazard accident	-	0	0
Major casualties or injuries and property losses worth more than RMB 500,000	-	0	0

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意见反馈表

尊敬的利益相关方：

您好！

非常感谢您阅读上海紫江企业集团股份有限公司发布的 2021 年环境、社会及管治报告。为发挥报告的沟通交流作用，有效推进公司的社会责任管理与实践，我们真诚期待您的意见和建议。

1. 您对公司 ESG 报告的总体评价是

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

2. 报告对利益相关方所关心问题的回应和披露？

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

3. 您认为紫江企业在经济责任方面做得如何？

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

4. 您认为紫江企业在客户服务方面做得如何？

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

5. 您认为紫江企业在环境责任方面做得如何？

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

6. 您认为紫江企业在安全管理方面做得如何？

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

7. 您认为紫江企业在员工责任方面做得如何？

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

8. 您认为紫江企业在社区责任方面做得如何？

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

9. 您认为本报告的内容安排和版式设计是否方便阅读？

☐ 非常好☐ 较好☐ 一般☐ 较差☐ 很差

10. 您对紫江企业履行社会责任及本报告有何意见和建议？

Feedback

Dear stakeholders,

Thank you very much for reading the 2021 ESG Report of Shanghai Zijiang Enterprise Group Co., Ltd. To leverage the report for facilitating our communication with all stakeholders and our social responsibility management, we sincerely look forward to your comments and suggestions.

1. Your overall rating of the report:

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

2. What do you think of the report's response to and disclosure of issues concerned by stakeholders?

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

3.What do you think of Zijiang Enterprise's fulfillment of economic responsibilities?

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

4. What do you think of Zijiang Enterprise's customer service?

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

5. What do you think of Zijiang Enterprise's fulfillment of environmental responsibilities?

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

6. What do you think of Zijiang Enterprise's safety management performance?

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

7. What do you think of Zijiang Enterprise's fulfillment of responsibilities for employees?

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

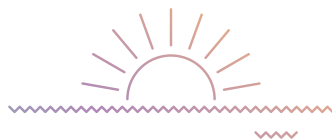
8. What do you think of Zijiang Enterprise's fulfillment of community responsibilities?

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

9. What do you think of the readability in terms of structure and design of the report ?

☐ Very good☐ Good☐ Average☐ Poor☐ Very poor

10. Do you have any other comments and suggestions about Zijiang's CSR fulfillment and this report?



绿动可持续 共创新未来



Promoting Green
Development and
Shaping a New
Future Together



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