

Goldcard
金卡智能

Goldcard
金卡智能



2022年

可持续发展报告

Sustainable Development Report



《金卡智能集团股份有限公司2022年可持续发展报告》是金卡智能集团股份有限公司连续第九年对外披露公司履行社会责任、践行可持续发展战略的年度报告,也是对外发布的第五份企业可持续发展报告。

“Sustainable Development Report 2022 Goldcard Smart Group Co., Ltd.” is the ninth consecutive annual report disclosing performance of corporate social responsibility and activities of sustainable development strategy of Goldcard Smart Group Co., Ltd. (“the Company”). It is the Company’s fifth submission of published corporate sustainable development reports.

企业社会责任报告： Corporate Social Responsibility Reports



可持续发展报告： Sustainable Development Reports



🕒 报告范围 Scope of report

本报告的组织范围涵盖了公司对财务和运营政策及措施有控制权或有重大影响的所有实体。本报告所披露信息发生时间为2022年1月1日至2022年12月31日,部分内容超出上述范围。

This report covers all entities in which the Company has controlling power or significant influence over the financial and operational policies and practices. The activities disclosed in this report occurred from January 1, 2022 to December 31, 2022, with some necessary exceptions.

🕒 数据来源 Sources of data

本报告所披露数据均为金卡智能集团股份有限公司在经营、环境和社会方面的运营情况,全部来自公司的正式文件和统计报告,最终数据以集团年报为准。

The data disclosed in this report covers business, environmental and societal operations of the Company, as cited in the Company's official documents and statistical reports. The final confirmation of data is subject to the Company's annual report.

🕒 称谓说明 Clearance on addressing

为便于表述和方便阅读,在报告中“金卡智能集团股份有限公司”也以“金卡智能集团”、“金卡智能”、“公司”或“我们”表示。

For the sake of clear statement and convenience of reading in this report, Goldcard Smart Group Co., Ltd is also addressed as “Goldcard Smart Group”, “Goldcard”, the Company, or “We”, which shall stand for the same.

🕒 编制依据 Reference to standards

本报告编制依据参照全球报告倡议组织(GRI)《可持续发展指南4.0》(G4)、国际标准化组织(ISO 26000)。

The compilation of this report follows the Global Reporting Initiative (GRI) organization “Sustainable Development Guide 4.0” (G4) and the International Organization for Standardization (ISO 26000).



2022年,党的“二十大”顺利召开,“高质量发展”成为首要任务。2022年,也是金卡智能上市10周年,我们牢牢把握时机,面对竞争激烈的行业发展环境,咬紧牙关迎难而上,实现业绩稳健增长。

In 2022, the 20th National Congress of the Communist Party of China was successfully held, "high-quality development" became the primary task. In 2022, it was also the 10th anniversary of Goldcard go public, We firmly grasped opportunities, faced the fiercely competitive industry development environment, bit the bullet and achieved stable performance growth.

行业的高质量发展,创新是核心,人才是关键,安全是底线。金卡智能作为致力于成为中国领先的数字能源产品与解决方案提供商,坚持“以客户为中心,持续为客户创造价值”的核心理念,为推动行业高质量发展不断努力。

Innovation is the core, talent is the key, and safety is the bottom line for the high-quality development of the industry. Goldcard Smart Group Co., Ltd. is devoted to becoming a leading digital energy products and solutions provider to the public utility industry, insists on the core concept of "Customer-centered, continuously creating value for customers" and continuously strive to promote high-quality development of the industry.

2022年,我们融合数字技术与精准计量,坚持科技创新。我们以5G赋能行业,在第五届“绽放杯”5G应用征集大赛荣获全国总决赛一等奖,这也是浙江赛区首次获得此项殊荣。我们的物联网智能终端部署已超过4000万,智能燃气终端全球市场占有率排名第一。

In 2022, we integrated digital technology with precision measurement and kept technological innovation. We empowered the industry with 5G. In the 5th "Blooming Cup" 5G Application Collection Competition, Goldcard won the first prize in the national finals, which is also the first time that the Zhejiang site has won this honor. Our deployment of IoT intelligent terminals had exceeded 40 million, ranked first in global market share for intelligent gas terminals

我们致力于国产化,突破“卡脖子技术”,自主研发的国产首台燃气高压超声流量计被NMI授予OIML 0.5级证书,并成功应用于国家管网西气东输项目及燃气企业中大型场站中,打破了国外品牌的长期垄断。

We are committed to localization, break through "stuck technology". We independently researched and developed the first High Pressure Ultrasonic Gas Flowmeter in China, which has been awarded the OIML 0.5 certificate by NMI, and also been successfully applied in the west-east gas transmission project of the national pipeline network and in the medium and large stations of gas enterprises, breaking the long-term monopoly by foreign brands.

我们高度关注行业人才培养。2022年,我们与中国城市燃气协会共同发起“公益燃气”活动,率先启动行业人才培养项目,致力于解决专业人才短缺问题,为燃气行业可持续高质量发展提供人才储备。

We pay great attention to the cultivation of industry talents. In 2022, we jointly launched the "public Gas" activity with China City Gas Association, take the lead in launching the industry talent training program, dedicated to solving the problem of professional talent shortage, providing talent reserves for the sustainable and high-quality development of the gas industry.

我们聚焦安全,基于场景化,从厂站、管网、工商户、工地到居民,提供从系统平台到智能终端的城市安全生命线解决方案。我们的城市安全生命线项目已在杭州、温州、广州、青岛、天津等落地,为城市安全保驾护航。

We focus on safety and provide urban safety lifeline solutions from system platforms to intelligent terminals based on scenario based approaches, from factories, pipelines, industrial and commercial users, construction sites to residents. Our urban safety lifeline project has been implemented in Hangzhou, Wenzhou, Guangzhou, Qingdao, Tianjin, and other cities, providing protection for urban safety.

未来,我们将跑出高质量发展加速度,利用科技创新驱动能源数字化建设,在数字化浪潮中创造新的经济、社会、业务价值,做行业标杆,为客户、员工、股东交上满意的答卷。

In the future, we will accelerate high-quality development, utilize technological innovation to drive digital energy construction, create new economic, social, and business value in the digital wave, set industry benchmarks, and provide satisfactory answers for customers, employees, and shareholders.

金卡智能集团股份有限公司 董事长
Chairman of the Board,
Goldcard Smart Group Co., Ltd.



公司概况

COMPANY PROFILE

金卡智能集团股份有限公司(股票代码:300349),致力于成为中国领先的数字能源产品与解决方案提供商,业务涵盖数字燃气、数字水务、能源计量等。

Goldcard Smart Group Co., Ltd.(securities code: 300349), is devoted to becoming a leading digital solutions provider to the public utility industry, its business covers smart gas, smart water, energy metering, etc.

公司依托精准计量和数字技术的多年积淀,具备智慧物联数字化解决方案能力,构建了完整的物联网能源体系,为智慧城市、能源领域提供数字化整体解决方案。

Based on years of accumulation of precise measurement and digital technology, the company has the ability to provide intelligent IoT digital solutions, and has built a complete IoT energy system to provide total digital solutions for smart cities and energy fields.

金卡智能秉承“以客户为中心,以奋斗者为本”的核心理念,践行“让生活更美好”的使命,持续为客户创造价值,推动行业数字化转型,坚定助力实现“双碳”目标。

Goldcard adheres to the core value of "customer-centered, striver-oriented", firmly pursues the corporate mission of "make life better", continuously creates value for customers, promotes digital transformation of the industry, and firmly contributes in achieving the goal of carbon peaking and carbon neutrality.

价值理念:
Philosophy and Value Statement

使命:金卡智能,让生活更美好
Philosophy and Value Statement

愿景:致力于成为中国领先的数字能源产品与解决方案提供商

Vision: Devoted to becoming the leading digital energy products and solutions provider in China.

理念:通过技术、解决方案与应用,变革创新,为客户创造价值,赋能万物互联的数字世界

Philosophy: Create value for customers and enable the digital world of everything-connected through innovation in technology, solutions and applications.

价值观:以客户为中心,以奋斗者为本,推动行业数字化升级,持续为客户创造价值。

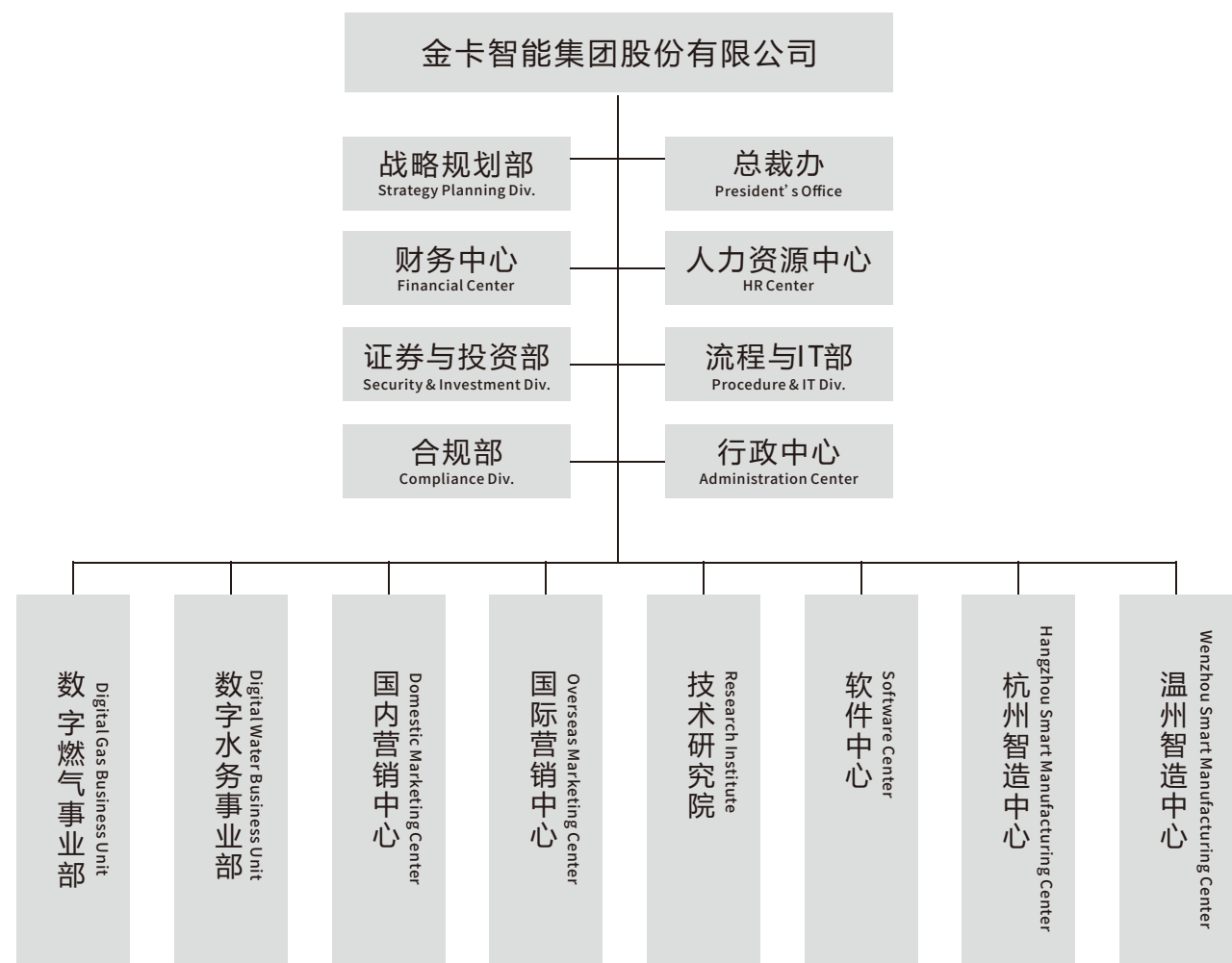
Values: Customer-centered, striver-oriented, to promote industry digital upgrading, and continue to create value for customers.

公司治理

CORPORATE GOVERNANCE

金卡智能集团组织架构图

Organizational Structure of Goldcard Smart Group



金卡智能集团严格按照《公司法》、《上市公司治理准则》、《深圳证券交易所创业板上市规则》、《深圳证券交易所创业板上市公司规范运作指引》以及国家有关法律法规的要求,建立包括股东大会、董事会、监事会、公司管理层在内的现代化企业组织制度和运行机制。

Goldcard Smart Group strictly follows the "Company Law", "Listed Companies Governance Guidelines", "Shenzhen Stock Exchange GEM Listing Rules", "Shenzhen Stock Exchange GEM Listed Companies Standard Operation Guidelines" and other relevant national laws and regulations. It established a modern enterprise organization system and operational mechanism including the shareholders' meeting, the Board of Directors, the Board of Supervisors, and the management team.

金卡智能可持续发展管理

Goldcard sustainable development management

金卡智能集团致力于成为中国领先的数字能源产品与解决方案提供商的同时,将自身业务于与实现联合国可持续发展目标(SDGs)相结合,建立并不断完善公司可持续发展管理体系,进而实现经济、社会与环境的协调可持续发展。

Goldcard Smart Group is devoted to become the leading digital energy product and solution provider in China At same time, it combines its own business with the realization of the United Nations Sustainable Development Goals (SDGs), establishes and constantly improves the company's sustainable development management system, so as to achieve coordinated and sustainable economic, societal and environmental development.

可持续发展理念 Sustainable development philosophy

金卡智能集团股份有限公司的可持续发展理念是:

The sustainable development philosophy of Goldcard Smart Group is:

以“全感知”、“全数字”、“全安全”、“全生态”为能源发展引擎,致力于 成为中国领先的数字能源产品与解决方案提供商。

With "total perception", "total digital", "total security" and "total ecology" as the development engine of smart public utilities, its devoted to become the leading digital energy product and solution provider in China

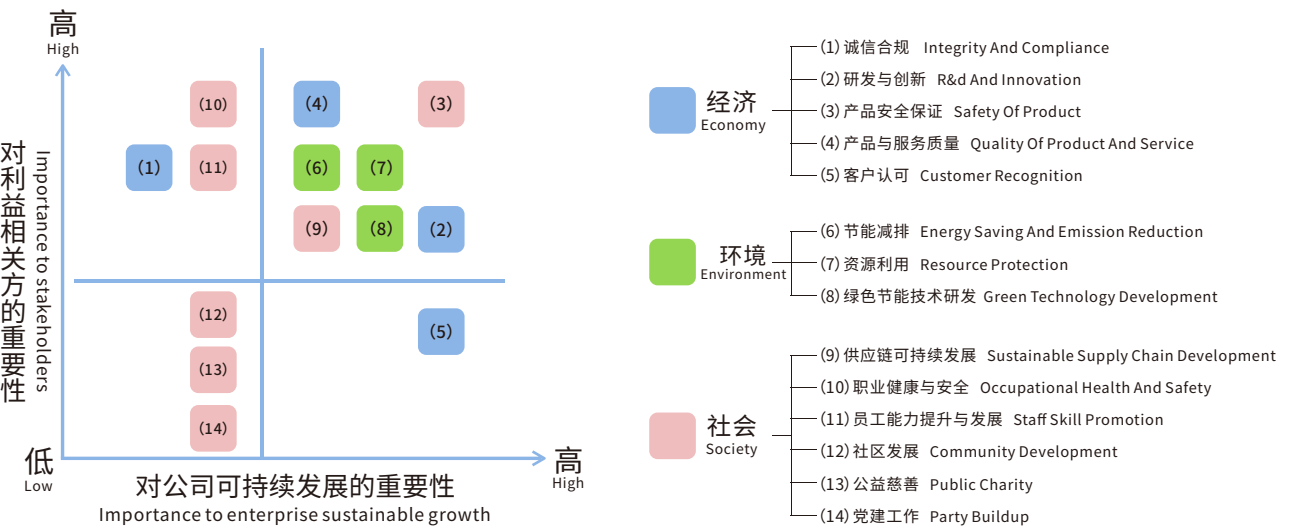
金卡智能集团将安全作为首要目标,以创新作为企业发展的重要源动力与核心竞争力,通过技术、解决方案与应用,赋能万物互联的数字世界。并坚守以人为本的发展理念,恪守商业准则,重视环境保护,积极履行企业社会责任,坚持践行可持续发展理念。

Goldcard Smart Group takes safety as the primary goal, takes innovation as an essential source of power and core competence of enterprise development, and enables the everything-connected digital world through technology, solutions and applications. It adheres to the people-oriented development concept, abides by business principles, pays attention to environmental protection, actively fulfills corporate social responsibility, adheres to the concept of sustainable development.

实质性议题矩阵 Substantive Issues Matrix

对实质性议题的筛选和管理是公司提升可持续发展管理水平,实现可持续发展目标的重要基础。金卡智能集团通过分析公司业务所产生影响和利益相关方所关注的议题,将其纳入实质性议题矩阵用纵向优先度和横向优先度分别体现对利益相关方评估决策的影响以及对经济、环境和社会影响的重要性。

The screening and management of substantive issues are an important basis for the company to improve the management level of sustainable development and achieve the sustainable development goals. By analyzing the impact of the company's business operations and concernsof the stakeholders, Goldcard Smart Group incorporated them into the substantive issues matrix to reflect the relation of impact on the stakeholder evaluation decision and the economic, environmental and social importance of these issues, with vertical priority and horizontal priority, respectively



利益相关方沟通

金卡智能集团积极聆听并主动回应利益相关方的期望，根据公司业务及运营的特点，公司识别出包括股东、政府及监管机构、客户、合作伙伴、员工及社区在内的六大利益相关方，并为利益相关方建立了有效的沟通机制和多元化的沟通渠道，确保及时准确的沟通与反馈。

利益相关方	要求与期望	沟通方式
股东	公司业绩表现 行业前瞻及风险把控	定期召开股东大会/股东见面会 平等对待所有股东 完善公司治理机制 透明公开披露公司信息
政府及监管机构	合规经营 环境资源的保护与利用 促进地区经济发展	依法合规经营 政企沟通及会议交流 贯彻落实双碳目标 现场考察及信息披露 纳税及创造就业机会
客户	提供安全稳定的产品 提供优质服务 创新及个性化的产品与服务	定期召开金卡用户大会 加大产品和服务研发力度 秉承“以客户为中心，持续为客户创造价值”的理念，为客户提供最优服务
合作伙伴	供应链管理 公平、公正、公开采购 提供相应辅导与支持	定期召开供应商大会 倡导良性的行业竞争秩序 开展供应链合作，实现产业链共赢
员工	员工健康与安全 员工发展及培训	提供健康安全的工作环境及健康安全培训 构建多元化人才发展通道，开展多元化培训
社区	构建社区文化，支持社区发展 开展公益慈善活动	开展社区公益活动 组织开展志愿服务活动 开展基金会公益项目
党工委	大力推进基层组织建设 发挥党组织作用 积极推进党的二十大精神学习贯彻	定期开展特色党建活动，强化党员教育管理

Communication with stakeholders

Goldcard Smart Group actively listened and responded to the expectations of stakeholders. According to the characteristics of its business and operation, the company identified six type of stakeholders, including shareholders, government and regulators, customers, business partners, employees and communities, and established an effective communication mechanism and diversified communication channels for stakeholders to ensure timely and accurate communication and feedback.

Stakeholders	Requirements & expectations	Communication mechanism
Shareholders	Business performance results; Business perspective and risk control;	Scheduled shareholders' conference and briefing; Equal rights of all shareholders; Improve the corporate governance mechanism; Transparency in company information disclosure.
Government and regulators	Lawful operation; Protection and efficient utilization of environment and resource; Promote regional economic development;	Operation compliance; Communicate through official channels and meetings; Implement the dual-carbon targets; Site inspection and information disclosure; Tax duty and job opportunity
Customers	Supply safe and reliable product; Provide high quality service; Innovative and customized products and services.	Scheduled Goldcard customers conference ; Enhance new product and service development; Adheres to “Move the customers” morale, provides best service.
Business Partners	Supply chain management; Fair, integral and open procurement; Provide relevant guidance and support;	Scheduled suppliers conference; Advocate goodwill and order in industry competition; Cooperate with supply chain to achieve win-win.
Employees	Employees health and safety; Employees development and training;	Provide healthy and safe working environment and health and safety training; Build multiple personnel promotion channels, diversified training.
Community	Support community cultural activity and verall development; Carry out public welfare and charity activity;	Carry out community welfare activity; Carry out staff volunteer service; Carry out charity fund activity;
Party working committee	Vigorously develop the party root organization buildup. Give full play to the role of Party organizations.Promote the study and implement of the guiding principles of the 19th CPC National Congress	Regularly carry out special Party building activities to strengthen the education and management of Party members

利益相关方认可

2022年，金卡智能集团持续稳健经营的同时也获得了一系列来自利益相关方的认可与好评。公司未来仍将一如既往的充分听取利益相关方诉求，并持续改进，坚持规范经营，加强创新协作，推动行业发展与变革，践行可持续发展理念。

颁奖部门	所获认可与荣誉	获奖企业
科学技术部(浙江省科学技术厅颁发证书)	国家高新技术企业	金卡智能
国家知识产权局	国家知识产权优势企业	金卡智能
工业和信息化部	第五届”绽放杯“5G应用征集大赛-全国总决赛一等奖, 浙江区域决赛一等奖	金卡智能
浙江省博士后工作办公室	浙江省博士后工作站	金卡智能
浙江省科学技术厅	浙江省重点企业研究院	金卡智能
浙江省科学技术厅	“尖兵”“领雁”研发攻关计划——基于自研计量模组的超声波燃气表研发项目	金卡智能
住房和城乡建设部	科学技术计划项目——城镇燃气设施故障智能感知与泄漏防控技术	金卡智能
中国仪器仪表学会	科技进步奖三等奖	金卡智能
浙江省经济和信息化厅	浙江省工业新产品——超声波燃气表(流量计)	金卡智能
浙江省经济和信息化厅	浙江省专精特新中小企业	天信仪表
浙江省经济和信息化厅	浙江省智能工厂	天信仪表
浙江省经济和信息化厅	浙江制造精品	天信仪表
科学技术部(浙江省科学技术厅颁发证书)	国家高新技术企业	金卡水务
浙江省经济和信息化厅	浙江省创新型中小企业	金卡水务
科学技术部	科技型中小企业评价	金卡水务
CMMI研究院	CMMI5级认证	易联云
浙江省软件行业协会	浙江省软件企业	易联云
浙江省经济和信息化厅	浙江省创新型中小企业	易联云
科学技术部	科技型中小企业评价	易联云

Recognition by stakeholders

In 2022, Goldcard Smart Group has won a series of recognition and high opinion from stakeholders while continue to operate steadily. In the future, the company will continue as always to fully listen to the demands of its stakeholders, continue to improve, adhere to standard operation, strengthen innovation and cooperation, promote the development and reform of the industry, and carry on with sustainable development principle.

Award department	Recognition and Honors Received	Awarded enterprises
Ministry of Science and Technology (Certificate issued by Zhejiang Provincial Department of Science and Technology)	National High-tech Enterprise	Goldcard Smart Group
State intellectual property office	National Intellectual Property Advantage Enterprises	Goldcard Smart Group
Ministry of Industry and Information Technology	First prize in The national finals of the 5th "Blooming Cup" 5G Application Collection Competition First prize in Zhejiang site	Goldcard Smart Group
Zhejiang Postdoctoral Work Office	Zhejiang Postdoctoral Workstation	Goldcard Smart Group
Department of Science and Technology of Zhejiang Province	Zhejiang Key Enterprise Research Institute	Goldcard Smart Group
Department of Science and Technology of Zhejiang Province	Research and development plan for "Jianbing" and "Lingyan" –based on self-developed measurement modules Ultrasonic Gas Flowmeter project	Goldcard Smart Group
Ministry of Housing and Urban-Rural Development	Science and Technology Plan Project –Intelligent Sensing for City Gas Facilities and Leakage Prevent and Control Technology	Goldcard Smart Group
China Instrument and Control Society	Third Prize of Science and Technology Progress Award	Goldcard Smart Group
Zhejiang Provincial Department of Economy and Information Technology	New Industrial Products in Zhejiang Province-- High Pressure Ultrasonic Gas Flowmeter	Goldcard Smart Group
Zhejiang Provincial Department of Economy and Information Technology	Zhejiang province Specialized, refined, and innovative small and medium-sized enterprise	Tancy Instrument
Zhejiang Provincial Department of Economy and Information Technology	Zhejiang Province Intelligent Factory	Tancy Instrument
Zhejiang Provincial Department of Economy and Information Technology	Zhejiang Manufacturing Boutique	Tancy Instrument
Ministry of Science and Technology (Certificate issued by Zhejiang Provincial Department of Science and Technology)	National High-tech Enterprise	Goldcard Water
Zhejiang Provincial Department of Economy and Information Technology	Zhejiang province innovation small and medium-sized enterprise	Goldcard Water
Ministry of Science and Technology	The evaluation of technological small and medium-sized enterprise	Goldcard Water
CMMI Research Institute	CMMI 5 Certification	Eslink
Zhejiang Software Industry Association	Zhejiang Province Software Enterprise	Eslink
Zhejiang Provincial Department of Economy and Information Technology	Zhejiang province innovation small and medium-sized enterprise	Eslink
Ministry of Science and Technology	The evaluation of technological small and medium-sized enterprise	Eslink

第一章 CHAPTER 1

科技创新驱动行业高质量发展

Technology Innovation Driving High Quality Development of the Industry

2022年,金卡智能集团持续稳健经营的同时也获得了一系列来自利益相关方的认可与好评。公司未来仍将一如既往的充分听取利益相关方诉求,并持续改进,坚持规范经营,加强创新协作,推动行业发展与变革,践行可持续发展理念。

Innovation is the important source power and core competitiveness of Goldcard's sustainable development. Goldcard is leading the industry in technological innovation and continuously creating value for customers actively. As of now, we have setup one provincial-level postdoctoral workstation, owned over 1500 intellectual property rights, over 850 national patents, and over 80 standard drafting editors and co-editors.



(一) 聚力“一号工程”,数智赋能行业

(1) Focus on “No.1 PROJECT”,digital intelligence empower industry

2022年1月,国务院印发了《“十四五”数字经济发展规划》,规划提出以数字技术与各领域融合应用为导向,推动行业企业、平台企业和数字技术服务企业跨界创新,优化创新成果快速转化机制,加快创新技术的工程化、产业化。同时要加快推动智慧能源建设应用,促进能源生产、运输、消费等各环节智能化升级,推动能源行业低碳转型。

In January of 2022, the State Council has issued the "14th Five Year Plan for the Development of the Digital Economy",the plan states to follow the lead of integration and application of digital technology in various fields, promote cross-border innovation among industry enterprises, platform enterprises, and digital technology service enterprises, optimize the mechanism for rapid transformation of innovative achievements, accelerate the engineering and industrialization of innovative technologies. Meanwhile accelerate the construction and application of smart energy, promote the intelligent upgrading of various areas such as energy production, transportation, and consumption, and promote the low-carbon transformation of the energy industry.

案例 CASE



金卡智能荣获“绽放杯”全国一等奖, 5G赋能智慧燃气

Goldcard Smart Group won the "Blooming Cup" national first prize, 5G empowers smart gas

11月14日至15日,第五届“绽放杯”5G应用征集大赛总决赛在深圳成功举办。历时2个多月,“金卡智能智慧燃气5G系统项目”在28000个参赛项目中脱颖而出,荣获全国总决赛一等奖,这也是浙江赛区首次获得此项殊荣。

During November 14th to 15th, the final of the 5th "Blooming Cup" 5G Application Collection Competition was successfully held in Shenzhen. Lasting 2 months, "Goldcard Intelligent Gas 5G System Project" stood out among 28000 participating projects, won the first prize in the national finals. It is also the first time that the Zhejiang site has won this honor.



金卡智能助力浙能燃气数字化发展

Goldcard Smart Group helps Zhejiang Energy Gas Group in digital developing

2022年1月。浙江浙能燃气股份有限公司工程管理信息化系统项目启动会在浙能燃气总部成功举办。

In January 2022, the kickoff meeting of Zhejiang Energy Gas Group Co., Ltd. engineering management information system project was successfully held in their headquarters.

金卡智能将坚持推动数字经济和实体经济融合发展,深化和优化系统,为浙能燃气实现数字化发展赋能,助力浙江省数字经济发展。

Goldcard smart group will continue to promote the integration and development of the digital economy and the real economy, deepen and optimize the system, keep helping Zhejiang Energy Gas Group in digital developing, assisting the development of digital economy in Zhejiang Province

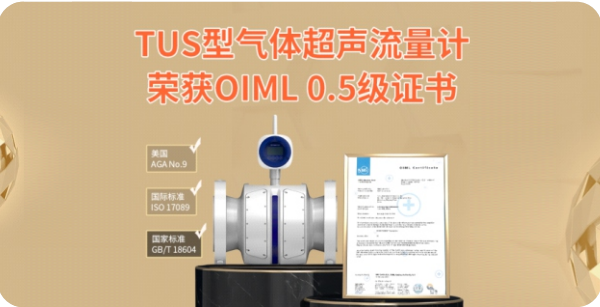
(二) 锚定国产化，践行自主研发

(2) Focus on localization, practice independent R&D

聚焦精准计量技术，执行高于国际标准，树立国产化标杆，打造全球行业价值链中的中高端产品是金卡智能永恒不变的追求。在国内，用于高压管网计量的终端产品一直被国外品牌所占据，对国外产品依赖性强、售后服务慢、配件成本高等问题日益凸出，亟需解决。金卡智能不断加大研发投入，突破“卡脖子”技术，加快实现高水平科技自立自强。

Focusing on precise measurement technology, implementing standards higher than international standards, setting a benchmark for localization, and creating middle to high-end products in the global industry value chain are Goldcard's eternal pursuit. In China, the terminal products used for high-pressure pipeline network metering have always been occupied by foreign brands, and the problems of high dependence on foreign products, slow after-sales service, and high accessory costs are increasingly prominent, which urgently need to be solved. Goldcard will continue to increase R&D investment, break through the "bottleneck" technology, and accelerate the realization of high-level technological self-reliance and self-improvement.

案例 CASE



国产首台燃气高压超声流量计取得走向国际市场的凭证——OIML 0.5认证

The first domestically produced high pressure Ultrasonic Gas Flowmeter awarded the certification for entering the international market-- OIML 0.5 certification

自主研发的国产首台燃气高压超声流量计——TUS型气体超声流量计被NMI授予OIML 0.5级证书。该产品不仅成功应用于国家管网西气东输项目及燃气企业中大型场站中，打破了国外品牌对国内长输天然气管道计量设备的长期垄断，还取得走向国际市场的凭证，为高端国产化燃气高压超声流量计走向世界打下基础。

The first domestically R&D and produced high pressure Ultrasonic Gas Flowmeter has been awarded the OIML 0.5 certificate by NMI. This product has not only been successfully applied in the west-east gas transmission project of the national pipeline network and in the medium and large stations of gas enterprises, breaking the long-term monopoly on domestic long-distance natural gas pipeline metering equipment by foreign brands, but also got the certificate to enter the international market, laying the foundation for high-end domestically produced high-pressure ultrasonic flowmeters to enter the world.



天信高压涡轮流量计应用长输管线

Tancy High pressure turbine flowmeter applied on Long-distance pipeline

金卡智能旗下天信仪表自主研发的一批高压涡轮流量计成功应用于西气东输、川气东送及重庆两江发电集团，不仅实现了国产高压涡轮流量计在长输管道和发电集团的双突破，同时大大提升了分输撬装的应急保供能力，为今冬明春天然气保供再注强心剂。

A batch of high-pressure turbine gas flowmeters independently developed by Tancy Instrument, who is a subsidiary of Goldcard smart group, have been successfully applied to West-East Gas Transmission, Sichuan East Gas Pipeline, and Chongqing Liangjiang Power Generation Group. It is not only dual breakthroughs in long-distance pipelines and power generation groups by high-pressure turbine flow meters, but also greatly improves the emergency supply capacity of the distribution skid installation, ensure winter-spring nature gas supply.

第二章 CHAPTER 2

城市生命线守护万家灯火

City lifeline guard a myriad twinkling lights

“城市生命线”从城市整体安全运行出发，以预防燃气爆炸、城市内涝、大面积停水停气等重大安全事故为目标，透彻感知城市运行状况，实现城市安全运行的整体监测、动态体检、早期预警和高效应对，使城市生命线管理“从看不见向看得见、从事后调查处置向事前事中预警、从被动应对向主动防控”根本转变。

The "City lifeline" starts from the overall safe operation of the city, with the goal of preventing major safety accidents such as gas explosions, urban water logging, and large-scale water and gas outages. It thoroughly perceives the operational status of the city, achieving overall monitoring, dynamic physical examination, early warning, and efficient response of city safe operation, transform the city lifeline management "from invisible to visible, from post investigation and disposal to pre-warning, from passive response to active prevention and control" change.

金卡智能城市生命线解决方案，基于自主研发的核心科技，融合物联网、云计算、大数据、人工智能等技术，构建从标准、规范、制度到指引的安全运营体系，配套数字化产品，覆盖场站、管网、工商户、工地、民用户整个场景。为城市安全提供创新管理模式，提高精细化管理水平，提升风险防控能力，为百姓与城市安全保驾护航。

Goldcard smart group city lifeline solution is based on independently developed core technology, integrated the cloud computing, big data, and artificial intelligence and so on, build a safe operation system from standards, norms, systems to guidelines, matching digital products to cover stations, pipeline networks, industrial and commercial households, construction sites, civilian users and the whole scene. It provides innovation management mode for city safety, improve refined management level, improve risk prevention and control ability, to ensure people and city's safety.



案例 CASE



金卡智能与大华消防签订战略合作，助力燃气安全事业蓬勃发展

Goldcard smart and Dahua WisuAlarm signed strategic cooperation agreement, assist in gas safety industry grows vigorously

2022年9月30日，金卡智能与浙江华消科技有限公司顺利签订战略合作协议。双方可以在燃气使用场景如家庭厨房、餐饮等场景通过产品互补互助，经验互相补足的方式，打造出燃气安全使用的场景。

On September 30, 2022, Goldcard smart group and Zhejiang WisuAlarm Technology Co., Ltd. signed strategic cooperation agreement smoothly. Both parties can create safe gas usage scenarios through complementary products and complementary experiences in gas usage scenarios such as home kitchens and restaurants.



金卡智能与钱江燃气、社区开展“三社联动、安心安居”现场服务，针对20余户孤寡老人，免费赠送安装报警器，同时开启又一场橡胶管隐患清零、燃气安全用气知识讲解等活动，为杭州市管道燃气户内安全隐患整改赋能。

Goldcard smart group and Qianjiang Gas, as well as the community, have carried out on-site services of "Three Social Linkages, Safe living Safety Home", providing free installation of alarms for more than 20 elderly households who are alone living. At the same time, another activity has been launched, including rubber pipe hidden dangers cleaning, gas safety knowledge explaining and publicizing, assist in solving hidden danger for gas users in Hangzhou.



金卡智能与瑞安政府共同打造燃气安全生命线

Goldcard smart group and Rui'an government built a gas safety lifeline together.

金卡智能与瑞安市政府达成合作，打造燃气安全生命线，通过部署1000台密闭空间可燃气体监测仪终端，并结合“金卡燃气安全生命线监测预警系统”，给地下管网安上“鹰眼”，实现“城市生命线”安全运行的实时感知、在线监测和预警预测，提升城市燃气安全运行管理水平和防灾减灾能力。

Goldcard smart group and Rui'an government built a gas safety lifeline together. By deploying 1000 combustible gas monitor terminals in confined space and combining with the "Goldcard Gas Safety Lifeline Monitoring and Early Warning System", open eyes for underground pipeline network, which can help to realize in real time, online monitoring, early warning and prediction for the safe operation of the "city lifeline", and improve the management level of the city gas safety operation and the ability of disaster prevention and mitigation.

金卡智能联动钱江燃气安全服务送到“家”

Goldcard smart group together with Qianjiang Gas offer safety service to user's home

案例 CASE



金卡水务携手乐清市水务集团助力抗旱“攻坚战”

Goldcard water together with Yueqing Water group resist a drought

2022年7月~11月，温州乐清降雨量较往年严重偏少，旱情加剧。金卡水务携手乐清市水务集团构建的智慧水务一体化智慧监管平台，整合大数据中心、调度中心指挥大屏、手机APP应用等十多个水务信息化系统，将厂、站、网、户的监控数据和检测数据进行整合，实时分析，哪里水压需要微调，哪里缺水需要协调送水，工作人员都能快速查看当前情况，并做出调度指挥，保障居民用水供水正常。

From July to November 2022, the rainfall in Yueqing, Wenzhou was severely reduced compared to previous years, which leading the drought situation intensified. Goldcard water together with Yueqing Water group, according their water integrated intelligent supervision platform, integrated more than ten water information systems, including big data centers, dispatch center command screens, and mobile applications, to aggregate monitoring and detection data of factories, stations, networks, and households, analyze the situation like in which area the water pressure needs adjustment, which area is lacking water, Our staffs can quickly check the current situation and make scheduling commands to ensure normal water supply for residents.



金卡水务助力苍南二次供水设施改造，让高层用水不再难

Goldcard water together with Yueqing Water group resist a drought

苍南县较多高层小区建成时间较早，使用的供水设备相继出现了老化问题，在用水高峰期时，高层住户往往会面临水压过低、水流较小的困扰，为了解决居民用水难的问题，金卡水务携手苍南水务对该小区实施了二次供水改造。该方案让当地多个小区顺利喝上清洁、干净、安全的自来水，有效保障供水“最后一公里”的水质安全。

Many high-rise residential areas in Cangnan were built in early times, and the water supply equipment facing aging issues emerges one after another. During peak water usage periods, high-rise residents often face problems such as low water pressure and low water flow. In order to solve this problem, Goldcard Water and Cangnan Water jointly implemented a secondary water supply renovation for the community. This plan allows several local communities to drink clean and safe tap water smoothly, effectively ensuring the safety and good quality water of the "last mile" of water supply.





第三章 CHAPTER 3

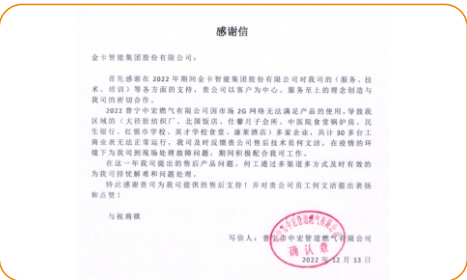
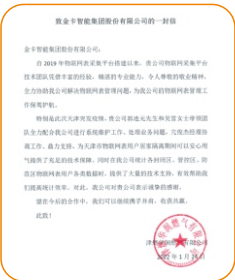
专业服务保障客户利益

Professional Services Ensure Customer Benefits

金卡智能通过数字化手段，实现全闭环的信息化服务管理。并由交付体系、技术支持体系、运维管理体系、培训认证体系四大体系支撑，涵盖咨询与设计、交付、运营与维护、培训与认证、售后服务，为客户提供高效、标准、专业、端到端的交付与服务。通过专业、快速、全程的交付与服务能力，有力的保障了客户利益。

Goldcard smart group achieves full closed-loop information service management by digital ways. It was supported by four major systems: delivery system, technical support system, operation and maintenance management system, training and certification system, it covers consulting & design, delivery, operation & maintenance, training & certification, and after-sales service, provides customers with efficient, standard, professional, end-to-end delivery and services to ensure customer benefits.

案例 CASE



金卡智能收到来自客户的感谢信

Goldcard received a thank-you letter from the customer

金卡智能“以客户为中心，为客户和社会创造价值”为服务理念，形成了辐射全国的营销服务网络，在全国各省市均设立了售后服务中心。为客户提供一对一，全年365天24小时不间断服务，2022年收到了来自燃气公司大力认可。未来，金卡智能将伫立于为客户提供更加完善、更加智能的解决方案同时，不断提高服务管理水平及强化服务运营能力，

以客户为中心，构建高效率有温度优服务的售后服务体系，利用数字的力量推动售后服务升级变革。

Goldcard Smart group has formed a nationwide marketing service network with the service concept of "Customer-centered, continuously creating value for customers and society", we set up after-sales service centers in all provinces and cities across the country. We provide customers with one-on-one, 24-hour, 365 days service throughout the year, and received strong recognition from gas companies in 2022. In the future, Goldcard smart group will keep providing customers with more comprehensive and intelligent solutions, while continuously improving service management level and strengthening service operation capabilities. With customers as the center, we will build an efficient and warm after-sales service system, and use digital energy to promote after-sales service upgrading and transformation.

第四章 CHAPTER 4

聚合势能迸发新活力

Converge potential, burst out new vitality

加强供应商质量管理 Promote supply management

供应商不单影响生产成本,更决定了企业生产产品的质量与过程的产出率。如何通过管理供应商的质量成为今日企业必须面临的挑战。为了保证合作共赢的关系,天信仪表集团利用企业资源优势构建和优化自身的质量体系、人员能力的提升,并通过开展走访、沟通和驻厂辅导,对供应商进行技术指导,解决其技术难题,2022年来料批次合格率97%,比2021年上升1.37%,TOP30供方辅导批次合格率95.53%,比2021年上升2.88%。

Suppliers not only affect production costs, but also determine the quality of products and the output rate of the process. How to manage the quality of suppliers has become a challenge that we must face today. In order to ensure a win-win cooperation relationship, Tancy Instrument Group uses the advantages of enterprise resources to build and optimize its own quality system, improve personnel capabilities, and provide technical guidance to suppliers through visiting and on-site communication to solve their technical problems. The qualification rate of incoming batches in 2022 was 97%, an increase of 1.37% compared to 2021. The qualification rate of the top 30 coaching batches supplier was 95.53%, an increase of 2.88% compared to 2021.

心系员工发展 Care for employee development

金卡智能集团以开放包容的胸怀,广阔吸纳各领域优秀人才,并始终坚持“以人为本”的发展理念,在向物联网企业转型发展的过程中,秉承着人尽其才、唯贤任用的宗旨。公司坚定保障员工合法权益,关注员工健康与安全,重视员工提升与发展,关注员工需求与员工携手共进美好未来。

With an open and inclusive mind, Goldcard Smart Group absorbs excellent talents from all fields, and always adheres to the development concept of "people-oriented". In the process of transforming and developing to Internet of Things enterprises, it adheres to the purpose of making the best use of skill and appointment according to talents. The company firmly protects the legitimate rights and interests of employees, pays attention to their health and safety, attaches attention to their promotion and development, and pays attention to the needs of employees, to make a better future with its employees.

·保障员工健康安全 Ensure the health and safety of employees

金卡智能集团获得环境管理体系认证和职业健康安全管理体系认证,并以此为基础实施生态管理,在所有的工作场所识别、确定存在的环境问题、安全隐患、职业健康危险因素,通过在整个工厂系统精确定位问题根源,提出相应的解决方案,采取预防措施。2021整一年度,公司未发生一般事故、较大事故、重大事故或特别重大事故,安全生产事故数为0,死亡0人,重伤0人。

Goldcard Smart Group has obtained environmental management system certification and occupational health and safety management system certification, and on the basis of these implements ecological management, to identify and determine the environmental problems, safety risks, occupational health risk factors in all workplaces, through the precise location of root causes in the factory system, put forward the corresponding solutions, take preventive measures. In the whole year of 2022, the company has no general accidents, major accidents, or extreme severe accidents, and the number of production safety accidents is 0, with 0 deaths and 0 serious injuries.

公司定期开展隐患排查工作,严格排查工艺系统、基础设施、作业环境、防控手段等硬件方面存在的隐患,以及安全生产体制机制、制度建设、安全管理组织体系、责任落实、事故查处等薄弱环节,认真解决存在的突出问题,从而有效防范和遏制事故的发生。2022年隐患排查计划实施情况:全年总计排查隐患290项,隐患整改率100%。

主题内容为: 1、日常及节前隐患排查; 2、春夏季防汛防汛; 3、防雷接地检查; 4、消防专项检查。

The company regularly conducts hazard investigation work, strictly investigating the hidden dangers in all aspects such as process systems, infrastructure, working environment, and prevention and control measures, as well as weak areas such as safety production system mechanism, system construction, safety management organization system, responsibility implementation, and accident investigation. It solves the prominent problems and effectively prevents the occurrence of accidents. Implementation of the 2022 hidden danger investigation plan: a total of 290 hidden dangers were identified throughout the year, with a 100% rectification rate. The theme content is: 1. Daily and pre holiday hazard investigation; 2. Flood control in spring and summer; 3. Lightning protection ground inspection; 4. Special fire inspection.

案例



金卡智能开展多项紧急预案演练

Goldcard smart group together with Qianjiang Gas offer safety service to user' s home

公司制定了健全的应急管理体系和应急管理预案,并组织员工开展各项培训及演练,提升突发事件发生时组织应急处理能力。2022年公司分别组织了电梯困人救援的应急预案演练、化学品泄露应急救援演练、物流仓储消防疏散逃生应急演练、触电事故应急预案等。

Goldcard Smart Group has formulated a sound emergency management system and emergency management plan, and organized employees to carry out various training and drills to improve the ability to organize emergency handling when they occur. In 2022, the company has carried out emergency plan drill for elevator rescue, chemical leakage, and fire emergency for warehouse and Electric shock accident drills .

·培训赋能员工发展 Training enables employee development

金卡智能秉承以人为本、人尽其才、唯贤任用的才发展宗旨,为实现企业人才发展战略目标,经营目标,人力资源中心学习发展部立足于开展人才盘点、梳理人才培养发展体系、培养领军人才等重点工作,搭建全方位的人才发展管理体系,推动多元化的员工职业发展培训。2022年度全年集团共组织56+场培训,线上20场,线下36场。共服务2900人次,总学时32438小时。

Goldcard Smart Group adheres to the talent development philosophy of being people-oriented, making the best use of skill and appointment according to talents.In order to achieve the enterprise talent development strategic goal andoperation objectives, the Learning Development Division ofHuman Resources Center established talent inventory check, combed talent training development system, provided leader worker training, etc., to build a comprehensive talent development management system and promote diversified staff career development training.In 2022,group has organized 56+training, included 20 online training and 36 offline training. It served 2900 people with total 32,438 training hours.

分层级培训	高层管理者	聚焦干部人才管理主体责任, ,强化干部在组织能力升级、文化渗透、人才管理的责任担当。大力支持高管参加EMBA、MBA等进修学习,通过参加行业论坛、会议、培训深入了解行业发展趋势,组织青年领袖营等领导力培训,提升战略眼光、战略思维,支撑公司战略执行发展。
	中层管理者	参与行业论坛、标杆参观、读书等活动,组织各类培训,从管理角色认知、管理工具方法、到管理理念,全面提升管理能力,在完成重点战略任务中提升管理水平。
	基层员工	“学以致用”到“用以致学”,从实践中萃取智慧经验,提炼具有实战指导意义的体系化课程,做企业“训战结合”一体化培养。
专业技能人才培养		公司高度重视技术人员培训,包括外送研发人员学习先进技术及前沿趋势,如人工智能、大数据、云计算、物联网、互联网等前沿技术及其应用;结合公司实际、岗位技能,组织内部技术分享;引入行业专家对预研工作进行培训指导,将前沿技术及其应用传递至每个人的同时打造内部人才梯队,激活内部中高级专家队伍,搭建完善课程体系,抓发展,促内生。
新员工培训		新员工入职后除参加新员工专项培训外,在试用期内全程安排导师辅导,制定试用期目标计划表,通过开展新员工座谈、新员工培训,试用期管理等,保证新员工的快速融入及产出绩效。

Leveled training	Senior Managers	Focus on the responsibility sense of senior executives, strengthen their responsibility undertaking in upgrading organizational capacity, cultural penetration, and talent management. Support senior executives to participate in EMBA,MBA and other further studies, to obtain indepth understanding of industry development trends through participating in industry forums, conferences and training. Organize leadership training such as youth leader camps to improve managers strategic vision and strategic thinking, and support the company's strategy implementation and development.
	Middle - Level Manager	Participate in industry forums, benchmark business visits, reading and other activities, organize all kinds of training, from the management role cognition, management tools and methods, to the management concept, comprehensively improve the management ability, and improve the management skill level while completing key strategic tasks.
	Executives	From "apply what you learn" to "learn what you do", extract wisdom and experience from practice, refine the systematic courses with practical guiding significance, and complete the integrated training while practice in enterprises.
Training on technical specialties		The company attaches great importance to the training of technical personnel, including sending out r&d personnel to learn advanced technologies and cutting - edge trends, such as artificial intelligence, big data, cloud computing, Internet of Things, Internet and their applications. Organizes internal knowledge sharing according to the actual work and job skills requirements. Introduces industry experts to provide training and guidance on pre-research projects, and transfer the cutting - edge technologies and their applications to everyone. At the same time, build the internal talent echelon, activate the internal middle and senior expert team, build and perfect the curriculum system, pay attention to the development, and promote the endogenous ability.
New employee training		In addition to participation in the special training course of the new entrance, new employees will be provided with tutor guidance during the probation period. Probation period target plan is drawn, together with the entrance discussion, new employee training and probation period management, to ensure the rapid integration and output performance of the new employees .

案例 CASE



“金种子”培训

“Gold seed”train

为引导和支持校招生从校园人向职场人的角色转身。支持校招生顺利融入环境，快速上手工作，并在工作中达成高绩效。帮助校招生正确理解、接纳认可公司的文化价值观，并支持校招生在公司获得良好的职业成长和发展。在这里以新员工0-90天融入与发展解决方案为案例，当新员工熟悉岗位后，需要对其进行转正考核，这个时候可以采用答辩以及绩效评价的方式相结合，来进行筛选。

In order to guild and support school recruitment employees adjust themselves from campus people to workplace people, adapt the workplace environment smoothly, start to work quickly and achieve high performance in work, and also help them to understand and accept the cultural values of Goldcard, to achieve good career growth and development in Goldcard, here we use the 0-90 day integration and development solution for new employees as a study case, while the new employees get familiar with their work position, they will get a probation assessment by making open reply and performance appraisal together.



青年领袖营

Goldcard The Youth Cadre Training Camp

青年领袖营是一项从金卡的企业发展战略出发，结合金卡人才培养的目标，提升组织凝聚力与战略执行力，提高组织的工作与管理效率的人才培养计划。其主要用团队行动学习打造学习型组织，层层递进。项目自2022年10月启动，2023年3月结业，完成4大核心能力，15个模块，50+微课的专业知识获取，知识分享，100余知识拓展，共有30余位金卡的青年潜才与重要岗位继任者顺利结业。

The Youth Cadre Training Camp is a talent cultivation plan that starts from the development strategy of the Goldcard and combines the goal of cultivating talents to enhance organizational cohesion and strategic execution, improve the efficiency of organizational work and management. It mainly uses team action learning to create a learning organization. The project started in October 2022 and completed in March 2023, completing 4 core competencies, 15 modules, 50+ online courses for professional knowledge acquisition, knowledge sharing, and more than 100 knowledge expansion. More than 30 young potential talents and important position successors have successfully completed their studies.

案例 CASE



供应链培训

Supply Chain Training

围绕技术人才梯队发展需求，抓能力建设、抓知识沉淀。职业素养、专业技能、业务逻辑优化为支撑点，内部人才建设为核心，提升人员综合素质为出发点，供应链内部还自我进行了问题解决思路和方法专题课程学习。包含大绿带，精益制造及班组长培训，共计30门课程，60门通用课程及沙龙。

Based on the development needs of the technical talent team, we should focus on capacity building and knowledge accumulation. Professional literacy, professional skills, and business logic optimization are the support points, internal talent development is the core, and improving the comprehensive quality of personnel is the starting point. we have also conducted a special course on problem-solving ideas and methods within the supply chain. Including Green Belt, Lean Manufacturing, and Team Leader Training, a total of 30 professional courses, 60 general courses and salons have been arranged.



华营亮剑培训

Huaying Liangjian Training Program

在公司业务快速发展的进程中，营销中心面临着区域管理、人员管理、多产品线管理、解决方案销售转型等多重挑战，根据营销中心人员与管理现状，打造金卡铁军，赋能一线，集团总部，学习发展中心、bp三方结合，开展春耕计划，赋能区域营销，并取得良好成绩。

7月30日-7月31日营销中心分别组织了气表及水表两场培训，来自全国各地的销售团队共60余人，共同前往亮剑训练营，参加2022年亮剑培训大会。

In the process of rapid development of the company's business, the marketing center is facing multiple challenges such as regional management, personnel management, multi product line management, and solution sales transformation. Based on the current situation of personnel and management in the marketing center, we aim to create a Goldcard iron army, empower frontline, combine group headquarters, learning and development center, and BP 3 parties, start with spring plowing plan, empower regional marketing, and finally achieve good scores.

From July 30th to July 31st, the marketing center organized two training sessions for gas and water meters, with over 60 sales teams from all over the country attending the 2022 Liangjian Training Program.



· 完善薪酬绩效管理 Improve salary and performance management

2022年,金卡智能集团持续优化绩效管理体系,运用绩效管理工具,牵引组织聚焦市场与客户,推动集团业务发展,提升客户满意度和市场认可度。

In 2022, Goldcard Smart Group continued to improve and optimize the performance management system, used performance management tools to lead the organization to focus on the market and customers, promote group business development, enhanced customer satisfaction and market recognition.

2022年,金卡智能集团启动华营咨询项目,引入BLM战略工具,通过管理团队集体共创的方式,澄清集团战略,并进行战略解码,将集团战略规划分解为上下统一的绩效目标与行动计划,推动集团战略的落地执行。

In 2022, Goldcard Smart Group continued to improve and optimize the performance management system, used performance management tools to lead the organization to focus on the market and customers, promote group business development, enhanced customer satisfaction and market recognition.

2022年,金卡智能集团搭建线上绩效管理系统,运用信息化工具,层层分解组织绩效,采取员工线上制定绩效计划与管理干部线下签订绩效合约相结合的方式,确保绩效管理的落地推行;并通过季度、半年度、年度的绩效复盘,持续不断对行动计划和绩效目标进行纠偏,有效推动战略目标的实现,助力集团实现上下同欲,左右协同,力出一孔,利出一孔。

In 2022, Goldcard Smart Group built an online performance management system, used information tools to decompose organizational performance, combined employee online performance planing and management cadres offline performance contracts, to have ensured the implementation down to earth of performance management; and through quarterly, semi-annual and annual performance review, continued to correct the action plan and performance target, effectively promoted the realization of strategic goals, and helped the group to achieve the goal of one shared aim, one coordinated action and one common interest.

履行社会责任 Fulfill social responsibility

金卡智能积极投身于公益事业,回报社会。自2008年开始,持续15年在捐资助学、关爱弱势群体、抗疫救灾等方面实施30多项公益项目,超过15所学校的设立教育金。

Goldcard Smart Group actively participates in public welfare undertakings and feedback to the society. Eversince 2008, in the past 15 years the company has implemented more than 30 public welfare projects in providing donations, caring for vulnerable groups and anti-epidemic reliefs etc., and has set up education funds in more than 15 schools.

公司高度重视自身运营对社区的影响,同时结合党建工作活动,努力带动当地社区共同发展,营造良好社会关系。

The company attaches great importance to the impact of its own operation on the community, and at the same time combines the party building work activities to promote the common development of the local community and create a good social relationship.



案例 CASE



启动“公益燃气”,聚焦标准创新

Launching "Public Welfare Gas", Focusing on Standard Innovation

由中国城市燃气协会、金卡智能、陕西大唐共同发起的“公益燃气”暨燃气人才培养“百人计划”项目在本次大会上正式启动。“公益燃气”以构建富强、文明、和谐社会为宗旨,扶危济急、关爱社会,推动燃气行业健康发展,持续重点关注燃气行业人才培养、科技创新、安全应急。2022年起,“公益燃气”率先启动燃气人才培养“百人计划”,旨在通过促进校企协同育人模式,培养高素质技能技术型人才、专业化复合型人才、创新型人才。金卡智能爱心传递24载,曾参与130余个公益项目、资教助学20余所,累计捐赠2800多万元,汇聚善力,助人发展,助社会和谐,助生活美好。

The "Public Welfare Gas" and "Hundred Talents Plan" project jointly initiated by the China City Gas Association, Goldcard Smart Group, and Shanxi Datang was officially launched at this conference.

The purpose of "Public Welfare Gas" was to build a prosperous, strong, civilized, and harmonious society, to assist in emergencies, care for society, promote the healthy development of the gas industry, and continue to focus on talent cultivation, technological innovation, and safety emergency response in the gas industry. Starting from 2022, "Public Welfare Gas" has taken the lead in launching the "Hundred Talents Plan" for gas industry talent cultivation, aiming to cultivate high-quality skilled and technical talents, specialized and compound talents, and innovative talents by promoting the collaborative education model between schools and enterprises. The company has been delivering love for 24 years and has participated in more than 130 public welfare projects and more than 20 educational institutions. It has donated over 28 million yuan in total, gathering good power to help people developing, promote social harmony, and live a better life.

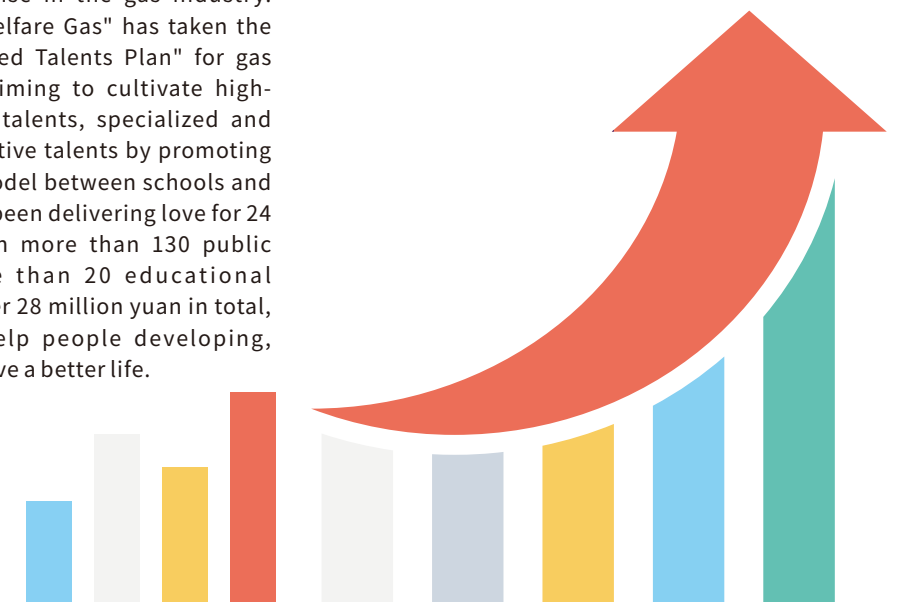


金卡智能集团捐赠助力中国计量大学

Goldcard Smart Group Donates to assist China JiliANG University

为完善计量测试关专业人才培养创新机制,提高人才培养质量,进一步加强产学研合作,过友好协商,建立互相扶持、互相依托、共同发展的长期战略伙伴关系,在人才培养、师资互聘、项目合作、党支部共建等方面深入开展合作。

In order to improve the innovative mechanism for talent cultivation in the field of metrology and testing, improve the quality of talent cultivation, further strengthen cooperation between industry, academia, and research aera, establish a long-term strategic partnership of mutual support, mutual reliance, and common development through friendly negotiations, and deepen cooperation in talent cultivation, teacher recruitment, project cooperation, and party branch co construction.



案例 CASE



金卡智能集团支持女子手创基地,助力共富巾帼她力量

Goldcard smart Group Supports Women's Handicrafting Bases and Assist in common prosperity by women's power

为充分展现女性助力共同富裕的“巾帼力量”，吹响共同富裕示范区建设的集结号，金卡智能集团助力下沙街道妇联组织开展“百件手作迎亚运 巾帼带货话共富”手工作品直播带货活动，公司为金沙女子创艺坊7个基地助力创业金14000元，为直播间活动赞助家用燃气报警器等价值25000元的互动礼品物资，用实际行动助力“巾帼力量”

In order to achieve common prosperity assist by women's power to construction of common prosperity demonstration area, Goldcard Smart Group assisted the Women's Federation of Xiasha Street in organizing the "100 Handicrafts for the Asian Games, Women Sell Goods and Talking about Common Prosperity" handicraft living sales activity. The company has provided 14000 yuan of entrepreneurial funds for 7 Jinsha Women's Creative Arts Workshop, and sponsored interactive gift materials worth 25000 yuan such as household gas alarms for living sales activities, using practical actions to support "Women's Power".



一件衣物送出一份温暖，一颗爱心带来一份感动。11月，金卡智能集团党委、天信仪表集团团委，共同开展“暖冬行动”公益活动，为四川红原的贫困农民和儿童带去一些温暖。

A piece of clothing brings warmth, and a love heart brings a movement. In November, the Party Committee of Goldcard smart Group and the Youth League Committee of Tancy Instrument Group jointly carried out the "Warm Winter Action" public welfare activity, bringing warmth to impoverished farmers and children in Hongyuan, Sichuan.



战“疫”当前,金卡智能在行动

The Fight Against Covid-19, Goldcard smart group is in action

金卡智能积极应对疫情形势，助建防疫“堡垒”。4月10日，金卡智能党委紧急组织召集一支志愿者服务先锋队，奔赴下沙街道战“疫”前线，协助社区工作人员和医护人员开展核酸检测。战疫情，勇担当。在这场没有硝烟的战“疫”中，每一份微小的努力都坚实而有力，每一个逆行的背影，都温暖而明亮，令人肃然起敬。金卡智能愿以微薄之力，协助社区打响疫情防控阻击战，践行“为人民服务”的初心使命，筑牢抗击疫情的坚固防线。

Goldcard smart group actively responded to the fight against Covid-19, helped to build a "fortress" for epidemic prevention. On April 10th, the Goldcard smart group Party Committee urgently organized a volunteer service team to the front line of the "epidemic" battle in Xiasha Street to assist community workers and medical staff in conducting nucleic acid testing. In this silent battle, every small effort is solid and powerful, and every retrograde figure is warm and bright, and respectable.. Goldcard smart is willing to help the community with the epidemic prevention and control with its modest efforts, fulfill its original mission of "serving the people", and build a solid defense against the epidemic.

金卡智能集团党委、天信仪表集团团委，共同开展“暖冬行动”公益活动

The Party Committee of Goldcard smart Group and the Youth League Committee of Tancy Instrument Group jointly carried out the "Warm Winter Action" public welfare activity

展望 2023

Outlook to 2023

展望2023，

金卡智能集团将继续发挥行业领军作用，

将继续以物联网和精准计量为核心，

依托大数据、人工智能等前沿技术，

始终坚持“以客户为中心，以奋斗者为本”，

为智慧能源、智慧城市的建设而不懈努力，

让生活更美好。

Looking forward to 2023, Goldcard Smart Group will continue to play a role of industry leader, will continue to center on the Internet of things and accurate measurement, rely on big data, artificial intelligence and other cutting-edge technology, always adhere to the "customer as the center, striver as the source", make unremitting efforts for the smart utilities and smart city construction, and make life better.