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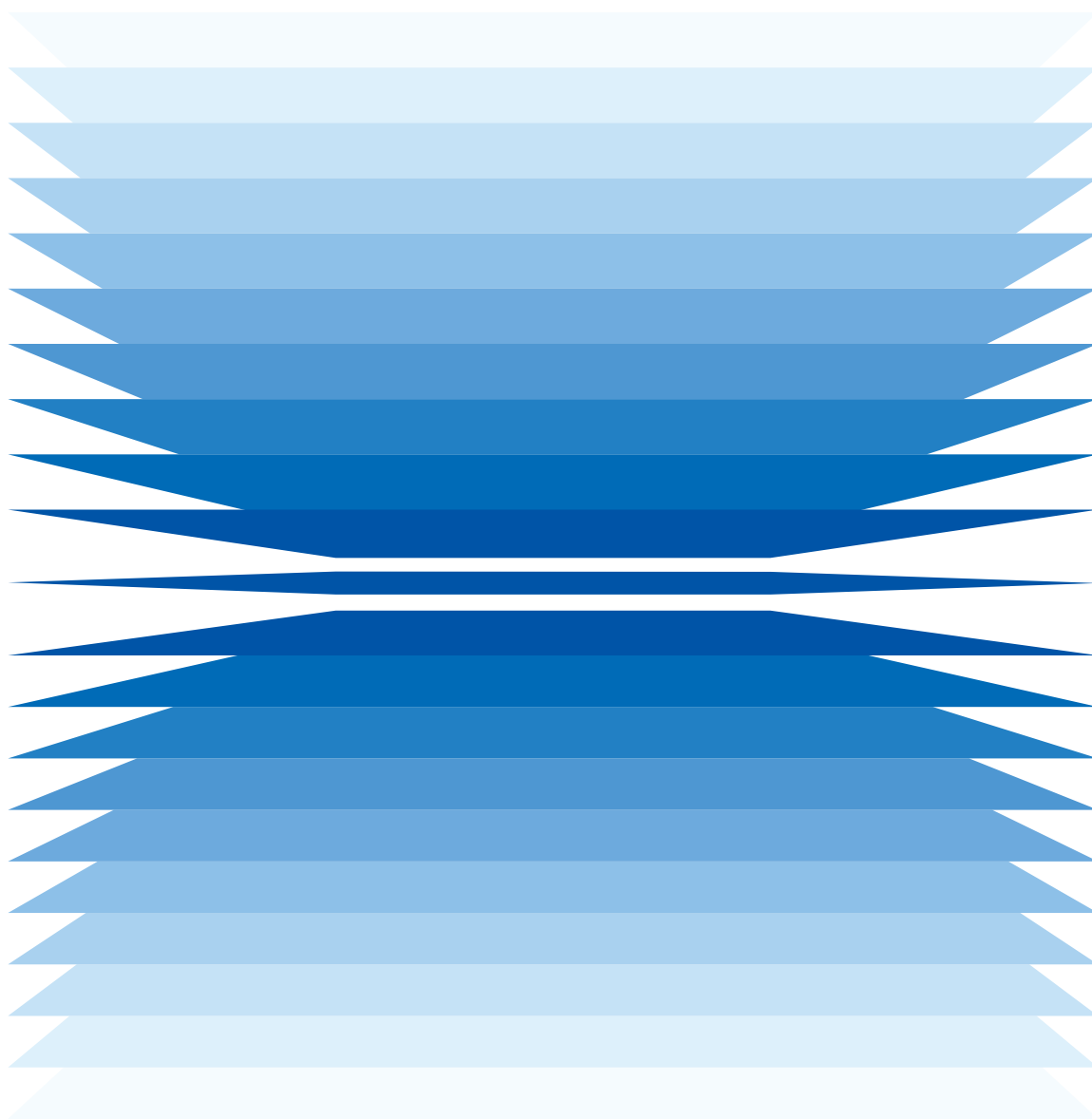
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CORPORATE SOCIAL RESPONSIBILITY REPORT

20
22

CREATING BRILLIANT AND LEADING THE VISION

Stock Code: Shen Tianma A 000050



Corporate Social Responsibility Report 2022
March 2023

ABOUT THIS REPORT

CONTENT DEFINITION	This report refers to the principles of the Global Reporting Initiative (GRI) materiality, stakeholder engagement ,and sustainable development background. Following a comprehensive analysis of the business operating environment, we have identified the key stakeholders and engaged in dialogue with stakeholders through questionnaires and other means to collect and prioritize their concerns and indicators for disclosure in this report.
SCOPE	The organizational scope of this report is consistent with that of the annual report, which includes the Corporate social responsibility concepts, practices and performance of all entities within our consolidated financial statements. Unless otherwise noted, the information disclosed in this report is a summary of all entities within the scope of the consolidated financial statements.
PREPARATION BASIS	This report is p guided by the core plan of the GRI Standards . Through means such as site investigation, employee interviews, material consultations, it confirms the statistical scope of the report information, and refines the collection means and computing methods. This report also refers to the contents of the United Nations Sustainable Development Goals (SDGs).
REPORT STATEMENT	<p>The Corporate and all members of the Board of Directors guarantee that the disclosed information is truthful, accurate and complete, and contains no false or misleading statements or material omissions..</p> <ul style="list-style-type: none">· TIANMA MICROELECTRONICS CO., LTD. (hereinafter referred to as Shenzhen Tianma, Tianma, the Corporate or We); the Shenzhen Production Line (Corporate Headquarter in short)· Shanghai Tianma Microelectronics Co., Ltd. (Shanghai Tianma or Shanghai G4.5in short)· Chengdu Tianma Microelectronics Co., Ltd. (Chengdu Tianma or Chengdu G4.5 in short)· Wuhan Tianma Microelectronics Co., Ltd. (Wuhan Tianma, including Wuhan G4.5 and Wuhan G6 in short)· Shanghai AVIC Optoelectronics Co., Ltd. (AVIC Optoelectronics or Shanghai G5 in short)· Xiamen Tianma Microelectronics Co., Ltd. (Xiamen Tianma, including Xiamen G5.5 and Xiamen G6 in short)· Shanghai Tianma AM-OLED Co., Ltd. (Tianma AM-OLED in short)· Hubei Yangtze Industrial Innovation Center Of Advanced Display Co., Ltd. (Innovation Center in short)· Xiamen Tianma Display Technology Co., Ltd. (Xiamen Tianma Display Technology or TM18 in short, a joint venture)· Wuhu Tianma Automotive Electronics Co., Ltd.(Wuhu Tianma Automotive Electronics in short)· Xiamen Tianma Optoelectronics Co., Ltd. (Xiamen Tianma Optoelectronics or TM19 in short, a joint venture)· Tianma Microelectronics Technology Co., Ltd. (Tianma Technology in short)· Tianma(Wuhu) Microelectronics Co., Ltd. (Wuhu Tianma or TM20 in short)· Shanghai Futianfeng Microelectronics Co., Ltd. (Futianfeng in short, a joint venture)· Tianma Advanced Display Technology Institute (Xiamen) Co.,Ltd. (MicroLED Research Institute in short, a joint venture)· Jiangsu Tianhua Automotive Electronics Co., Ltd.(Jiangsu Tianhua Automotive Electronics in short)

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ABOUT US

1.1 CORPORATE OVERVIEW

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LEADERSHIP

1.5 CORPORATE STRATEGY

1.6 BUSINESS DEVELOPMENT

1.7 SUSTAINABLE DEVELOPMENT

1.8 COMMUNICATION WITH AND FEEDBACK
FROM OUR STAKEHOLDERS

1.1

COMPANY OVERVIEW

Registered Address

Room 1918, Tianma Building, Liuxian Avenue, North Station Community, Minzhi Street, Longhua District, Shenzhen City

Corporate Headquarters Office Address

Building 64, Majialong Industrial City, Nanshan District, Shenzhen City

Date of Registration

November 8, 1983

Corporate Type

Limited Liability Corporate (Listed)

Industry Involved

Computer, communication and other electronic equipment manufacturing

Product Type

Display screen and display module

Total Market Value

As of December 31, 2022, the total market value of the Corporate was RMB 21.284 billion.

Stock Exchange | Shenzhen Stock Exchange (Securities abbreviation: Shen Tianma A, Stock Code: 000050)

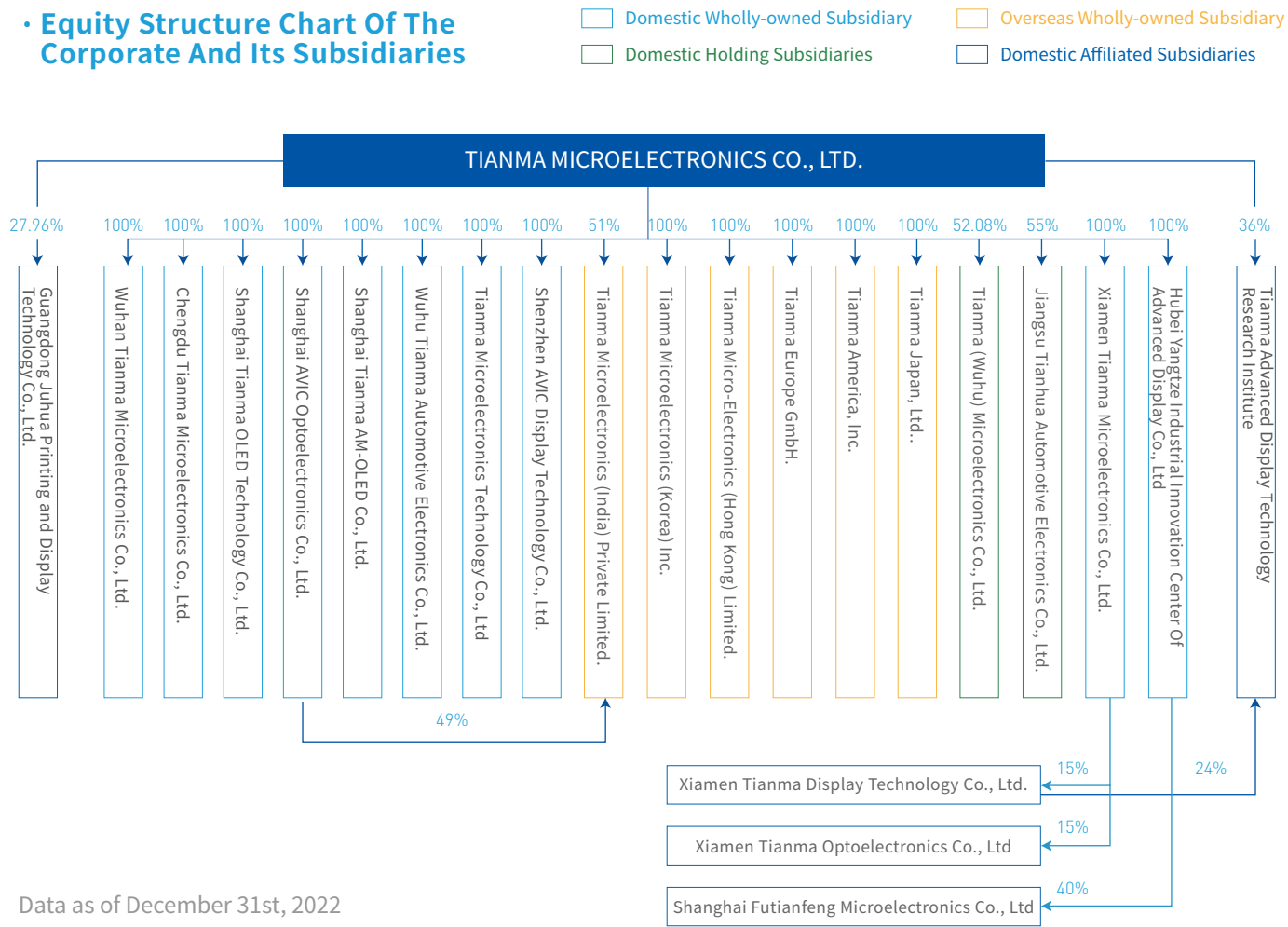
• Business Scope

IT services, consultation services; Agency sales and procurement of display devices and relevant materials (excluding restricted items); Equipment leasing (excluding financial leasing); Rental of self-owned properties; Import and export business (except items banned by laws, administrative regulations and the State Council, restricted projects must be operated upon receiving the permission). Design, manufacturing and sales of display devices and relevant materials, equipment and products; Provision of relevant technology development, technical consultation, technical services and technology transfer; and common freight transport.

• Main Business

The Corporate continues to focus on small and medium-sized display business . It takes smart phone and automotive display as its core business, considering IT display (laptops, tablet display and screen) as its key business for rapid growth. It is also taking industrial products, industrial market segments, non-display, ecosystem expansion and others as value-added business . The Corporate is constantly optimizing the industrial layout, upgrading technology, products and service capabilities. All in a continuous effort to provide customers with comprehensive customized display solutions and prompt service support.

• Equity Structure Chart Of The Corporate And Its Subsidiaries



Data as of December 31st, 2022



1.2

CORPORATE GOVERNANCE

In accordance with the Corporate Law, Securities Law, Governance Standards for Listed Companies and relevant laws and regulations of China Securities Regulatory Commission and Shenzhen Stock Exchange, the Corporate has established a Corporate governance structure with clear powers and responsibilities between the General Meeting of Shareholders, the Board of Directors, the Board of Supervisors and the Management, each performing its own duties, effective checks and balances, scientific decision-making and coordinated operation, and continuously improved the Corporate governance structure, optimized the "Three meetings and one layer" operation mechanism, and promoted the continuous optimization of Corporate governance efficiency.

The Corporate has established the Board of Directors and the Board of Supervisors in accordance with laws, regulations and its actual conditions. The qualifications of the members of the two Boards meet the requirements of relevant laws and regulations and the Articles of Association of the Corporate. The convening and meetings of the Board of Directors and the Board of Supervisors are legal and in strict compliance with the Articles of Association and other provisions. The four special committees of strategy, audit, nomination and compensation, and risk management under the Board of Directors normally perform their duties in accordance with relevant regulations, providing scientific and professional advice and references for the decision-making of the Board of Directors. The term of office of the Directors of the Corporate is three years, and they can be re-elected upon expiration of their term. The Board of Directors of the Corporate consists of 12 members, all of whom are of Chinese nationality, of whom nine are male, accounting for 75%, and three are female, accounting for 25%.

The Senior Management of the Corporate consists of the General Manager, Deputy General Manager, Chief Accountant, General Counsel and Secretary of the Board of Directors, who are appointed or dismissed by the Board of Directors. The Board of Directors authorized the Senior Management to be responsible for the daily operation of the Corporate within the scope of its terms of reference, manage the economic, environmental and social issues of the Corporate, to conscientiously implement the resolutions of the Board of Directors, and to consciously accept the supervision of the Board of Supervisors.

• Members' Proportion Of Board Of Directors



Male 9 Proportion 75%

Female 3 Proportion 25%



1.3

BUSINESS LAYOUT

The Corporate provides display solutions and prompt service support globally, The corporate has a strong focus on small and medium-sized display, with production lines distributed in Shenzhen, Shanghai, Chengdu, Wuhan, Xiamen, Wuhu, Japan and other regions. It has established a global marketing network and technology service support platform covering China, Europe, the United States, Japan, South Korea, India and other regions, to provide customers with comprehensive customized display solutions and prompt service support.

1983 - 2022

1983

- Corporate Headquarters

2003

- Tianma Microelectronics (Korea) Inc.

2004

- Tianma America, Inc.
- Tianma Europe IncGmbH.

2006

- Shanghai G4.5

2008

- Chengdu G4.5
- Wuhan G4.5
- Tianma Micro-Electronics (Hong Kong) Limited.

2009

- Shanghai G5

2011

- Xiamen G5.5
- Tianma Japan Ltd

2013

- Tianma AM-OLED

2014

- Xiamen G6

2015

- Wuhan G6 Phase I

2018

- Wuhan G6 Phase II

2019

- Innovation Center
- Tianma Microelectronics (India) Private Limited.

2020

- TM18

2022

- Wuhu Automotive Electronics
- TM19
- Tianma Technology
- TM20
- Futianfeng
- MicroLED Research Institute
- Jiangsu Tianhua Automotive Electronics

1.4

TECHNOLOGICAL INNOVATION
AND LEADERSHIP

As a leading enterprise in the field of small and medium-sized display, Tianma adheres to innovation-driven approach and "2 +1 + N" strategic leadership. It is committed to providing customers with better services and better products through technological innovation and one-stop service, . Tianma is paving the way for infinite possibilities of human vision with cutting-edge technology, and paying tribute to the future world with forward-looking display solutions..

2

2 - Mobile phone display and Automotive display as core business

1

1 - IT display as a key business for the Corporate's rapid growth

N

N-Industrial products, industrial market segments, non-display business as value-added services and ecosystem expansion

• Technical Strength

LTPS Low-frequency Drive

Through innovative OLED drive design and structural optimization of existing pixel circuits, low-frequency LTPS can achieve low-frequency driving and obtain significant performance benefits with minimal production changes. Compared with LTPO, the cost is lower and it can be used as a low-cost scheme of LTPO. In terms of low-frequency performance, the Flicker level of low-frequency 40HZ is above-47db, and the brightness specification of frequency conversion is within 2%, and the chromaticity specification is less than 1.5 JNCD, which meets the use of conventional consumer goods; Product performance and development speed are leading in China.

Brightness
Specifications

2%

Chromaticity
Specifications(JNCD)

1.5

Automotive Mini LED

On the basis of high contrast and low UI power consumption, the vehicle-mounted Mini LED technology developed by Tianma can be perfectly combined with the vehicle-mounted display technology in terms of styling, performance and human-machine interaction, building a friendly human-machine interaction interface, improving the user's visual experience, and further enhancing the technical competitiveness and market share of Tianma products.



Automotive Transparent Micro-LED

The ultra-high transmittance 9.38" Micro-LED display screen jointly developed by Tianma and its partners combines innovative pixel design and sophisticated TFT stacking technology, and its novel display effect is expected to make it brilliant in the field of vehicle-mounted display, such as real-time interactive driving information displayed by the front windshield and entertainment information displayed by the side windows of auto-driving cars in the future.



Audio-visual Privacy Display

Tianma 12.3" Audio-visual privacy display integrates the sound unit into the display screen. The size is much smaller than the external audio, keeping the sounding area consistent with the display area, and the audio-visual effect is better than traditional headphones. It can achieve independent audio-visual experience, and has broad application prospects in the smart cockpit entertainment screen, laptop and other fields. With its novelty and applicability, it won the Gold Award for Best Innovative Display in 2022 of China Display Industry Award (CDIA).



Holographic 3D Display

Based on its accumulation and capabilities on LTPS LCD, Tianma designed and manufactured special holographic display components such as spatial light modulator. With coherent laser backlight, it successfully produced a prototype of holographic 3D display realizing a true 3D display of holographic naked eyes, which has the characteristics of ultra-high resolution (> 100PPD), ultra-large depth of field (> 3m), the free focus of human eyes without dizziness, etc. It is expected to bring new application possibilities in the fields of vehicle, medical treatment, entertainment and social interaction in the future. It closely integrates the real world with the virtual world, providing a more immersive interactive experience for metaverse users, and opening a window to explore the immense virtual world.



10.95" WQXGA 120Hz incell active pen

Tianma's first active pen PAD display was awarded the CDIA's Silver Award for Best Display Product in 2022 (Medium Size) for its applicability and high performance. At the high resolution of WQXGA, it realizes smooth switching of wide frame rate from 15 Hz to 120Hz, which is compatible with the application requirements of smooth display and low power consumption in idle time, and achieves an active pen recognition frequency of 240Hz. The capacitive active pen has good performance in recognition speed, induction accuracy and suspension induction, which greatly improves the writing and painting experience of users, making the product lighter and more portable, and further reducing the implementation cost of the stylus scheme, thus having great commercial competitiveness and broad application space.



2022 Tianma Product Awards

2022.05

In May 2022, Tianma was awarded PEOPLES CHOICE AWARDS-Most Interactive Booth by SID Display Week 2021 of the International Information Display Society.



2022.07.16-19

From July 16 to 19, 2022, the 2022 International Display Technology Conference (ICDT 2022) was grandly held at the Fuzhou Digital China Convention and Exhibition Center. In the CDIA selection held by ICDT at the same time, Tianma won 5 gold medals, 5 silver medals and 1 bronze medal. The awards are as follows:



Gold Award for Best Innovative Display Application Technology Award of the Year (Small Size) (9.38" Transparent Micro-LED Display);

Gold Award for Best Innovative Display Award of the Year (Medium Size) (12.3" Audio-visual Privacy Display);

Gold Award (Medium Size) in the Innovative Display Applied Technology Award of the Year (27" Automotive Smart Display);

Gold Award for Best Display Component Product Award of the Year (8.0" ARIES Ultra-low Anti-touch Module);

Expert Review Award of the Best Innovative Display Component Award of the Year (glass-based P0.47 Mini-LED LTPS AM direct display product);

Silver Award for Best Innovative Display Application Technology Award of the Year (Small Size) (5.04" Four-spell Micro-LED Display);



2022.07.16-19

Silver Award for Best Innovative Display of the Year (Medium Size) (12.3" Switchable Privacy Display);

Silver Award for Best Display Application Award of the Year (Small Size) (Panel-level Microfluidic);

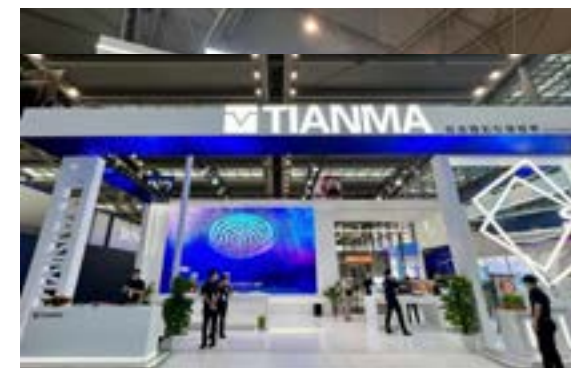
Silver Award for Display Product of the Year (Medium Size) (10.95" WQXGA 120Hz incell Active Pen);

Silver Award for Best Innovative Display Component of the Year (AM-TFT miniLED Project);

Bronze Award for Innovative Display of the Year Award (Small Size) (7.56" Flexible Micro-LED Display).

2022.08

In August 2022, the 10th China Electronic Information Expo (CITE) was grandly held at Shenzhen Convention and Exhibition Center. Tianma 9.38" Transparent Micro LED Display won the Gold Award of China Electronic Information Expo, and the 12.3" Switchable Audio-visual Privacy Display won the Innovation Award of China Electronic Information Expo.



2022.12

In December 2022, the 2022 International Display Innovation Award (DIC AWARD) was promulgated online. Tianma won 2 gold medals and 6 silver awards with several innovative technology products. The awards are as follows:

Gold Award of Display Device Innovation Award (developing TCON high-end medical display products based on FPGA);

Gold Award of Display Application Innovation Award (12.3" LTPS through-hole and blind-hole composite vehicle display screen);

Silver Award of Display Device Innovation Award (9.38" Transparent Micro LED Display);

Silver Award of Display Device Innovation Award (7.56" Flexible Micro LED Display (Inward Bend));

Silver Award of Display Device Innovation Award (16" 3K2K Active Matrix Thin Film Transistor Mini LED);

Silver Award of Display Device Innovation Award (glass-based P0.47 Mini LED LTPS AM direct display product);

Silver Award of Display Application Innovation Award (5.04" High PPI Ultra Narrow Border Micro LED Spliced Display);

Display Application Innovation Award Silver Award (12.3" Switchable Audio-Visual Privacy Display).



1.5

COMPANY STRATEGY

The Corporate has a relatively comprehensive strategic planning management system and investment management framework. *The Strategic Planning Management System of Tianma Microelectronics Co., Ltd.* articulates the requirements of strategic planning management of Tianma enterprises. Through systematic and comprehensive strategic planning and implementation procedures, it strengthens the management of the Corporate's development strategy, promotes independent innovation of enterprises, and enhances the core competitiveness of enterprises. It effectively controls the risks of losing development opportunities and motivation due to strategic planning mistakes, or losing control of management and waste of resources due to excessive expansion, to achieve sustainable, stable and healthy development of the Corporate; The Investment Management Measures of Tianma Microelectronics Co., Ltd. have optimized Tianma's investment management system, facilitated the optimization of capital and industrial structure, prevented investment risks, and better fulfilled the responsibility of capital preservation and appreciation.

The Corporate has established a comprehensive business development planning and management system. The Corporate pays attention to changes in the macroeconomic situation, has insight into the development trend of the industrial chain, and identifies new business model space and strategic space through studies on business ecosystems and symbioses. The Corporate holds a strategic seminar to analyze the market, customers, products, technologies and competition pattern. The Corporate regularly updates its strategic plan, formulates strategic objectives, roadmaps, initiatives and business models, and decompose them into various functional departments. The Corporate focuses on key tasks, aligns resources, and ensures organizational performance; At the same time, The Corporate supervises and evaluates the implementation of the strategy to ensure the implementation of the Corporate's strategy.



Corporate's Strategic Goals for the Next Year

Maintain the stability of the supply chain in a complex and changeable external macro-economy (such as inflation expectations, US dollar interest rate hike, epidemic situation and geopolitical friction);

Continue to promote the high-quality development of the Corporate under the environment of persistently low consumer purchasing power;

Promote rapid cost reduction and efficiency increase;

Accelerate digital construction.

Mid- to Long-term Strategic Goals of the Corporate

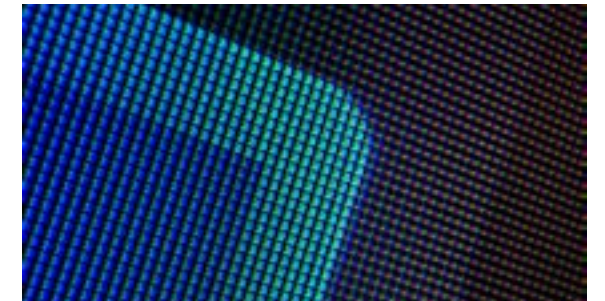
In 2022, the Corporate scientifically planned the future development direction defined the mid- to long-term development goals, and determined the "2 +1 + N" strategy, showing the global leading strategic goal in the field.

1.6

BUSINESS DEVELOPMENT

2022

In 2022, the Corporate jointly invested G8.6 new display panel manufacturing line in Xiamen, established Micro LED Research Institute, invested in new display module manufacturing line in Wuhu, invested in new energy automotive electronics business in Nantong, etc. to strengthen the Corporate's medium-size display and new display micro LED product layout.



The Corporate's industry and market position have been further consolidated. In terms of market performance, in 2022, the Corporate:

LTPS smartphone shipments ranked first in the world for five consecutive years;

TFTLCD shipments of vehicle dashboards ranked first in the world for three consecutive years;

Shipments of on-board front-mounted TFTLCD ranked first in the world for three consecutive years;

Rigid OLED smart wear shipments leapt to the top in the world;

Shipments of industrial TFT LCD continue to be the first in the world.

(Source: Omdia)

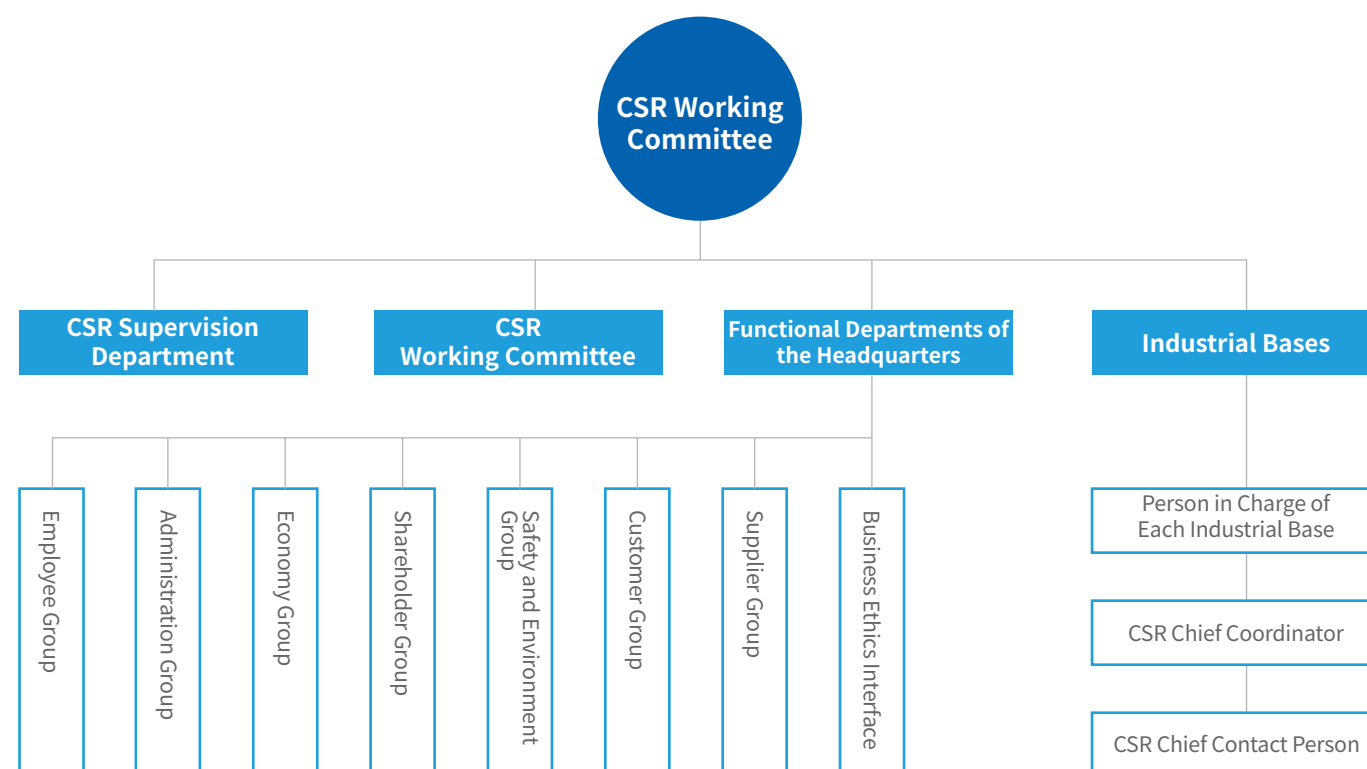
Future Risks and Opportunities

The external macro environment is beset with heightened uncertainties. Geopolitical instability, flagging aggregate market demand, and weakened consumer purchasing power pose serious challenges to the industry. However, the digital economy is on the ascendant, OLED mobile phones penetration continue to improve, and the new energy automobile industry develops rapidly, bringing new opportunities.



1.7

SUSTAINABLE DEVELOPMENT



• CSR Management

Based on international CSR standards such as RBA7.0, ISO26000, SA8000 and relevant laws and regulations, the Corporate has formulated a *CSR Management Manual*, *Business Ethics Management System*, *Stakeholder Dialogue System* and *CSR Evaluation Procedure* and other regulations which integrated CSR management system into all aspects of the Corporate's operation. In 2022, the number of CSR training participants in the Corporate was 56,564, and the proportion of new employees participating in the training reached 100%. The training contents included CSR topics such as labor and human rights, environment, integrity, information security, prevention of anti-competitive behavior and sustainable procurement;. Through internal CSR audit, the Corporate reviews the operation of CSR systems such as labor and human rights, EHS, business ethics and sustainable procurement in various industrial bases. The Corporate conducts CSR risk assessment, updates CSR risk database, continuously promotes the improvement of CSR non-conformance, and continuously improves CSR management system.

In March 2022, the Corporate publicly released the *Corporate Social Responsibility Report 2021*. This marks the 11th consecutive year the Corporate has disclosed its ideas and performance in win-win development with customers, employees, suppliers, shareholders, government, community and other stakeholders through the CSR Report. During the reporting period, the Corporate did not revise the previous report. In October 2022, the Corporate was awarded the silver medal of EcoVadis for its continuous improvement in Corporate social responsibility and sustainable development, reflecting that the Corporate's sustainable development capabilities have been at the leading level in the industry.

1.8

STAKEHOLDER COMMUNICATION AND RESPONSE

As a socially responsible listed company, the Corporate not only pays attention to the performance and balance in the economic, social and environmental aspects, but also to the voices of stakeholders, and actively gives back and improves.



• Identification Of Major Stakeholders

Different stakeholders are influenced by the Corporate or have different degrees of influence on the Corporate. According to the AA1000 Stakeholder Participation Standard, the Corporate preliminarily identifies and ranks the stakeholders, and finally selects six main stakeholders: government, shareholders, employees, suppliers, customers and communities.

Priority identification is based on the following three aspects:

May have affected the Corporate in economic, social and environmental aspects;

May have an impact on the Corporate in economic, social and environmental aspects in future;

The Corporate may have an impact on its economy, society and environment.

• Communication And Interaction With Major Stakeholders

The Corporate has established various and unimpeded communication methods for different stakeholders to ensure that we can understand the needs of different stakeholders in a timely, accurate and comprehensive manner and respond to them.



Government

Inspection and self-examination, conference discussion, information disclosure, correspondence



Shareholders

Shareholders' meeting, investor hotline, Shenzhen Stock Exchange "cninfo" platform, investor mailbox, WeChat official account, on-site reception, etc.



Employees

Employee satisfaction survey, staff seminars, regular training, labor union activities, employee mailbox, official WeChat official account.



Supplier

Purchasing activity, supplier conference, supplier training, supplier audit.



Customer

Customer satisfaction survey, customer daily communication, customer research and audit, industry exhibition



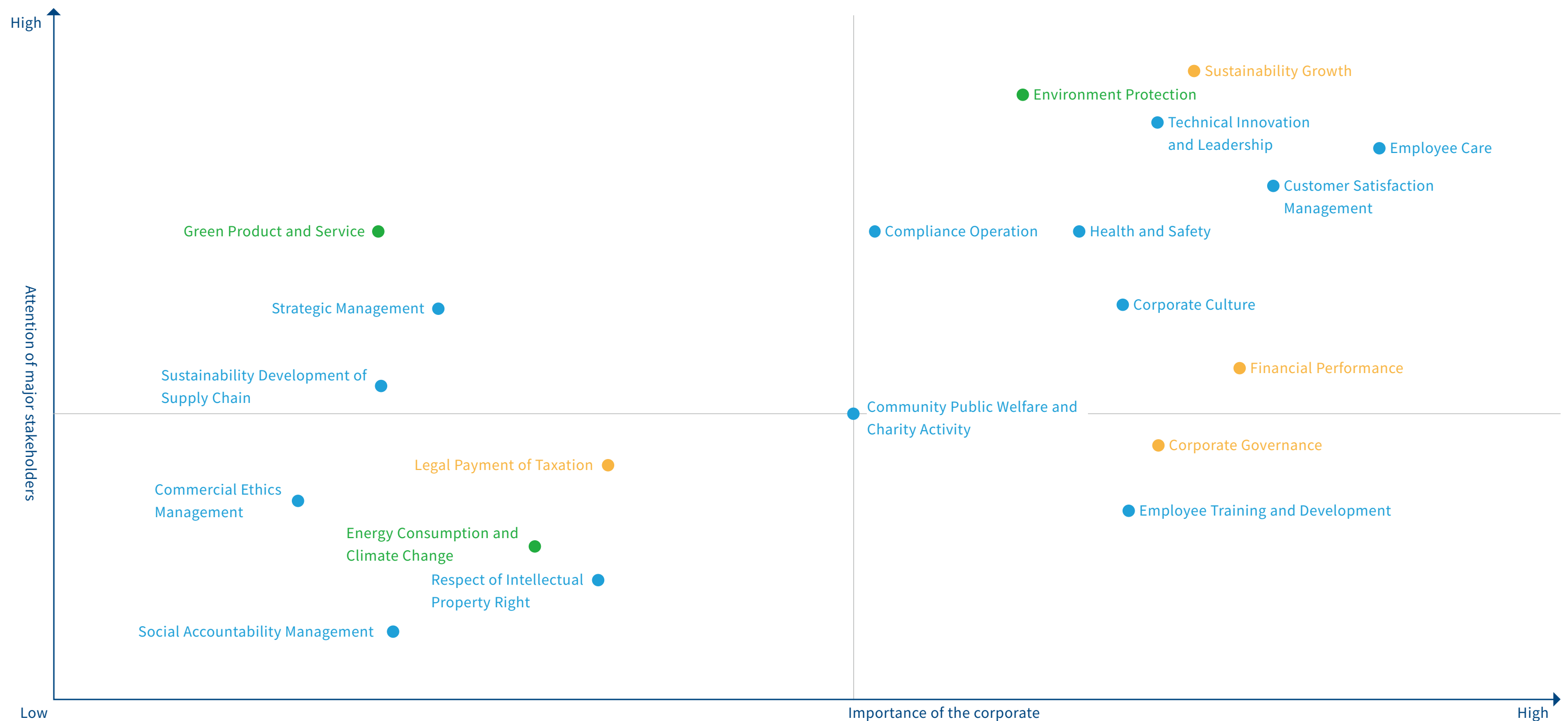
Community

field visits, volunteer activities, public welfare projects, official WeChat official account and other new media

• Research Results Of Substantive Issues

Following the effective document *Stakeholder Dialogue System*, the Corporate started the research work on the government, shareholders, employees, suppliers, customers, communities and other stakeholders with online surveys, phone interviews, onsite evaluations, email inquiries, and face-to-face discussions. We sorted the issues based on the importance of the issues to the Corporate and the attention of stakeholders.

Thus, the following quadrant chart shows the research results of substantive issues, and points out 20 issues that are more important to stakeholders and companies.



• Research Results Of Substantive Issues

As for the Corporate's substantive consideration of important issues, it has a substantial influence on both inside and outside the Corporate, as shown in the following chart:

(Description of the table: The symbol “●” means important, material and informative; “—” means important but not material)

[illegible]

UNDERTAKE THE SOCIAL RESPONSIBILITY

2.1 FOR THE GOVERNMENT

2.2 FOR THE SHAREHOLDERS

2.3 FOR THE ENVIRONMENT

2.4 FOR THE EMPLOYEES

2.5 FOR THE PARTNERS

2.6 FOR THE COMMUNITY

FOR THE GOVERNMENT

Honest and Legal Operation



The Compliance Operations

Based on the current situation, *the Corporate formulated the Implementation Plan for Strengthening Compliance Management Year Work*, and promoted the implementation of 11 key tasks according to the plan. The Corporate conducted a comprehensive investigation of business compliance risks. For any significant risks identified, the Corporate organizes the systematic analysis of risk drivers, manifestations and consequences, launches risk prevention measures, improves corresponding institutional processes, and tracks the progress of risk prevention and control.

In 2022, the Corporate further improved the compliance management system by implementing compliance requirements in human resources, Party publicity, intellectual property, process and digitization, environmental safety, quality and other departmental systems. the Corporate established a special compliance management system registration ledger to provide basic information for the sorting, integration and improvement of the compliance management system. The Corporate expanded the construction of compliance mechanisms in key areas, organized responsible departments with identifying compliance obligations and risks, determining compliance review matters, and conducting compliance rectification. The Corporate update *the Compliance Obligations, Compliance Risks and Compliance Review List* and conduct compliance inspection every quarter, communicate and formulate business improvement plans and implement improvements for identifying areas that need improvement. Our U.S., Japanese and European subsidiaries carried out annual compliance inspections and submit annual compliance management reports. The Corporate evaluate a total of 21,328 laws and regulations and revise *the Regulations on Compliance Evaluation Management* to effectively align our compliance management system and compliance evaluation mechanism. According to the revised rules, carry out regulatory updates in relevant fields.

Construction of Rule of Law Culture

In 2022, the Corporate carried out multi-level legal publicity and training.



• Legal Training

The Corporate organized compliance centralized training for executives and department heads across all levels, covering topics such as compliance and securities trading. The Corporate also provided legal training for business departments, such as order legal risk and sales process documentation, equipment contract performance risk and process documentation, bidding, export control, trademark layout and registration, labor and employment risk prevention, medical treatment period, CSR system, lamp1 \ lamp2 legal knowledge, etc. Among them, there were 25 on-site legal training sessions and 1501 participants. Through Tianma e-Learning, the Corporate conducted online training and exams on rule of law and compliance based on hierarchical classification, with over 100,000 participants. During the reporting period, legal advisers were organized to participate in 46 training sessions, and 6 new legal courses were developed, enhancing the capacity of them by teaching each other.

• Legal Training

The Corporate's WeChat official account has published 12 articles on the law popularization, and conducted legal popularization for all employees 34 times via e-mail announcements. The Corporate carried out annual legal popularization activities as planned, and conducted on-site legal education and answering activities in Xiamen, Shenzhen, Shanghai and other places; And for the first time, employees are organized to participate in the video of law popularization in person. These lively and engaging videos promoted legal knowledge related to business operations such as trade secret protection, records retention, and bidding; The legal popularization video was broadcast to all employees in online and offline channels, among which 4,695 people watched the online legal popularization video and participated in the online legal popularization answer, which further enhanced the legal awareness of all employees.

Incorruptible Management

Summary of Work in 2022

In 2022, the Commission for Discipline Inspection of Tianma Corporate closely focused on the overall situation of enterprise reform and development. By focusing on core duties, diligently fulfilling responsibilities, strengthening political oversight, intensifying routine supervision, and consistently upholding integrity, the committee fully leveraged its role in safeguarding implementation, facilitating improvement, and progress. The committee drove ongoing in-depth development of the Corporate to comprehensive and strict governance over both the Party organization and enterprises to operations, providing strong political guarantee and discipline guarantee for the Corporate's high-quality development.



01

Institutional System Construction

At present, there are 23 related systems of Corporate discipline inspection. In 2022, two system documents were revised: *Administrative Measures for Integrity Archives of Leaders of Tianma Microelectronics Co., Ltd.* and *Blacklist Management System of Tianma Microelectronics Co., Ltd.* By promptly adjusting relevant requirements to match operational realities, We further enhanced the normalization and standardization level of discipline inspection.

02

Incorruptible Employment

1.The Corporate carried out regular publicity on honest employment.

In 2022, the Commission for Discipline Inspection of the Corporate provided integrity employment training and education for more than 1,300 employees in key departments such as the procurement center, financial management center, TM18, TM19, TM20 and others, and organized the signing of commitments on incorruptible employment. The training contents include anti-corruption system regulations, typical case analysis, manifestations of light corruption, incorruptible employment requirements, etc. Education guides all cadres and employees to build a strong sense of compliance and discipline, and constantly build an incorruptible "firewall".

2.The Corporate launched strict supervision over the selection and appointment of cadres.

According to the Corporate's leaders' incorruptible archives administration regulations, 27 leaders' archives were updated and maintained in time and entered into the incorruptible administration archives system. Conscientiously handle responses to the opinions of the Party's work style and incorruptible government, adhere to the principles of seeking truth from facts, objectivity and impartial . Over the year, the Corporate issued a total of 376 evaluation opinions on incorruptible employment. We should earnestly select and appoint the cadres in an incorruptible way, resolutely put an end to "promotion with illness" and "taking up posts with illness", and enhance the seriousness of the cadre selection and appointment. The secretary of the Party Committee and the secretary of the Commission for Discipline Inspection conducted pre-appointment talks and incorruptible reminder talks with 12 cadres throughout the year.

3.The Corporate kept an eye on important nodes and constantly rectify the four issues.

Kept a close eye on the new developments of the four issues and resolutely stopunhealthy tendencies. At major time nodes such as New Year's Day, Spring Festival, Labor Day, Dragon Boat Festival, Mid-Autumn Festival and National Day, the typical case notification and incorruptible reminder posters of the Central Commission for Discipline Inspection of Communist Party of China were promptly pushed to all employees through the Corporate's WeChat official account and departmental mailboxes. The Corporate publicized channels for reporting letters and visits to continuously strengthen the discipline and rule awareness of all cadres and employees, kept the bottom line, and continued to maintain the Corporate's incorruptible and positive political ecology.

4.The Corporate organized and planned the collection of incorruptible works.

Led by the Commission for Discipline Inspection of the Corporate, and in conjunction with the Party Building and Publicity Department, the Corporate collected incorruptible works for all employees and their families. After publicity, the employees actively participated in exploring all kinds of incorruptible cultural elements. Upon the recommendation of the branch, 48 works in various forms such as micro-videos, posters, paintings, calligraphy, photography and handicrafts were received. After evaluation by the jury, 1 Outstanding Winner, 2 First Prizes, 6 Second Prizes, 11 Third Prizes and 1 Excellent Organization Unit were selected. Through organizing the collection of incorruptible works, the Corporate enriched employees' leisure life, sparked their creativity, and fostered a positive atmosphere of integrity, self-discipline and fairness across the

Corporate.

5.The Corporate conducted monthly activities for discipline education and publicity.

In October, the Commission for Discipline Inspection of the Corporate organized a discipline education and publicity month throughout the Corporate. The Corporate organized all Party members to study Opinions on Strengthening the Construction of incorruptible Culture in the New Era, watch the warning education film Hunting and Metamorphosis, and all branches preach the Party lesson Firmly Grasp Party Discipline and Rules and Earnestly Fulfill the Political Responsibility of Managing the Party. A total of 128 leading cadres and members of the Party committees at all levels, branch secretaries and discipline inspectors were organized to conduct learning and testing of the knowledge of incorruptible government so as to promote the study and implementation of relevant rules and regulations by Party members and leading cadres. The Corporate showed and broadcasted outstanding and incorruptible works in office buildings, workshops, canteens and other places of each base, and educate and guide all employees to truly frightening, keep their promises and stop their actions.

03

Incorruptible Risk Prevention
And Control In Key Areas**1.The Corporate carried out integrity risk prevention and control in the field of scientific research outsourcing.**

Researched the topic of incorruptible risk prevention and control system of scientific research outsourcing projects, sorted out the incorruptible risk issues in it, formulated preventive measures, improve the management system, promoted the organic integration of discipline inspection and supervision and incorruptible control, and build a more perfect security barrier for the healthy development of the Corporate.

2.The Corporate continued to strengthen supervision of the key projectsuch as TM18, TM19 and TM20.

The Corporate assisted and supervised the business departments to organize and establish update-related system processes in time according to the project progress , and regularly organized interviews with internal judges and experts on incorruptible government, with a total of 17 interviews this year. The Corporate conduct special supervision and inspection on TM18 and TM19 projects, provide timely feedback on the problems and risks found to ensure the compliance and orderly progress of key projects of the Corporate. The Corporate supervised and assisted TM20 Project team to sort out the system processes for material purchase, engineering construction, bidding and other fields under the Catalogue Guidelines for Prevention and Control of Integrity Risks in Key Areas, integrated relevant requirements into the establishment of rules and regulations, and constantly resolve system loopholes and eliminate blind spots of supervision.

3.The Corporate continued to pay attention to key areas and links.

Based on the actual situation, the Corporate carried out special supervision and inspection in areas prone to integrity and risk, such as bidding, waste disposal and spare parts management, so as to maintain

a high-pressure situation and urge the strict implementation of various rules and regulations of the Corporate. The Corporate inspected integrity risk prevention and control inspection in the field of material procurement in the purchasing center, find seven integrity risk points, formulate corresponding integrity risk prevention and control catalogue guidelines, and integrate prevention and control measures into daily work. Focusing on the minor corruption at the grass-roots level, The Corporate took equipment maintenance as a pilot to investigate integrity risks for positions with low rank and real power., sorted out 9 integrity risks in 6 aspects, urge relevant responsible departments to formulate rectification measures in time, define the time limit for rectification, and prevent risks from occurring. At the same time, supervise and guide other departments to conduct self-inspection and rectification.

Report and
Verification

04

Report And Verification

The Commision for Despline Ispection of the Corporate strictly followed the Implementation Measures for the Supervision and Discipline Work of Tianma Microelectronics Co., Ltd. to carry out the work of accepting, registering, investigating and dealing with complaint letters and visits, and to enter the case management system monthly according to the requirements of case supervision and management and reporting, and conduct regular analysis and discuss on complaint letters, visits and reports.

Work Plan
for 2023

In 2023, the Commission for Discipline Inspection of the Corporate will continue to earnestly fulfill its specialized supervision function by focusing on key responsibilities and priorities, monitoring key areas, links and important posts. strengthening the effectiveness of the system implementation, conducting substantive political oversight, and scrutinizing daily supervision to ensure the high-quality development of enterprises.

Intellectual Property Protection

2022 Summary of Work

In Terms Of Intellectual Property Strategy

In terms of intellectual property strategy, in accordance with the requirements of *the Outline of Building a Powerful Country with Intellectual Property (2021-2035)* and *the National Intellectual Property Protection and Application Plan during the 14th Five-Year Plan*, we will further focus on high-value patents and comprehensively increase the number and proportion of high-value patents.

In Terms Of Intellectual Property Risk Management

The Corporate fully implement the national standard for intellectual property management *GB/T29490-2013 Enterprise Intellectual Property Management Standards*, and comprehensively control intellectual property risks in the research and development, procurement, production and sales stages.

In Terms Of Intellectual Property Management And Utilization

"The International Standards for Innovation Management and Intellectual Property" were taken as the evaluation criteria to comprehensively improve the ability to create, apply, protect and manage intellectual property rights. In 2022, Shanghai AVIC Optoelectronics was awarded as "the National Intellectual Property Demonstration Enterprise" for the first time, and Shanghai Tianma and Xiamen Tianma also successfully passed the review of "the National Intellectual Property Demonstration Enterprise".

2023 Work Plan

The Corporate will continue to deepen the "High-value patent strategy", launch "basic patents and important application patent applications" in key technology fields. At the same time, we will increase the rational use of intangible assets of the Corporate, promote intellectual property cooperation within the industry, and increase the patent licensing and the application and transformation of technological achievements.

The Corporate will continue to implement *GB / T29490-2013 Enterprise Intellectual Property Management Specification*, and constantly improve the intellectual property risk management and control degree and process in the R&D, procurement, production and sales stage to ensure their suitability and effectiveness.

FOR THE SHAREHOLDER

Steady Operation, Creating Value

Sound The Internal Control System

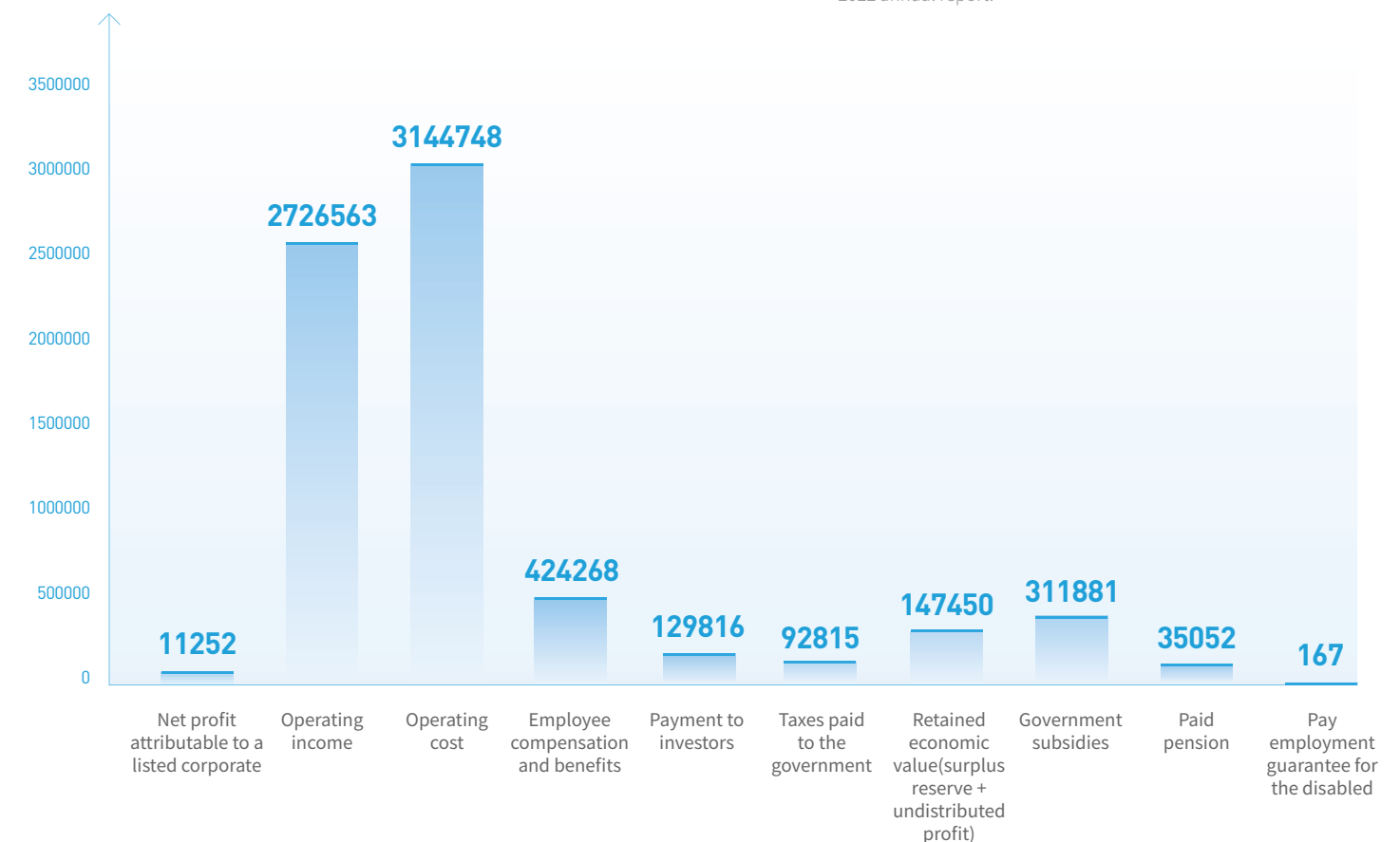
The world is rapidly changing and the situation is complex and volatile: the Ukraine crisis has posed enormous challenges in the global supply chain, leading to soaring costs and declining productivity and efficiency; Energy stability and food crisis are worsening; Geopolitical risks are intensifying. Affected by factors like the epidemic and economic restructuring, economic growth has slowed. However, under the background of anti-globalization, the industrial shifts against the backdrop of deglobalization have created new opportunities to multiple industries.

The Corporate always adheres to the strategic direction of "2 +1 + N" and continuously strengthening and improving the risk management system. The corporate organizes mid- and high-level managers to evaluate risks and senior leaders to review key issues.;Selecting and appointing risk liaison officers at the middle level of each business unit to deploy risk management methodology to the business department;It also promotes risk control fundamentals to all employees;Take multiple measures simultaneously to enhance the Corporate's ability to mitigateinternal and external risks, captures opportunities in a timely manner, and achieves overall stable development under adverse circumstances.

In terms of internal control system development, the Corporate has improved the management mechanism of institutional documents, comprehensively reviewed the institutional system, carried out front-end risk control and legal review of the institutional process, and ensured that compliance and risk control requirements were conductedinto the system documents and business operations are effectively managed;The Corporate continuously strengthens the management and supervision of the entire procurement process, and strictly prevents the occurrence of various fraudulent behaviors by strengthening internal control. At the same time, the Corporate supervises the effectiveness and applicability of the construction and operation of the Corporate's risk management and internal control system by conducting special internal control evaluation and annual internal control evaluation, organizing and guiding self-evaluation of business departments, carrying out internal audit, hiring accounting firms to carry out internal control audit, and carrying out special supervision and inspection of discipline inspection.

Financial Performance

Note: ·The above data are calculated according to rounding, and the data unit is "ten thousand yuan".
·For other economic data of the Corporate is as shown in the 2022 annual report.



Capital Market Responsibilities

• Deepen Information Disclosure And Improve Its Quality

In compliance with the requirements of relevant rules, the Corporate has continuously fulfilled its obligation of information disclosure to ensure that the disclosed information is truthful, accurate and complete. In 2022, the Corporate disclosed 206 announcements through designated information disclosure media, and there was no selective information disclosure or advance disclosure non-public information. The Corporate continuously improves the quality of information disclosure.

• Continuously Strengthen The Management Of Investor Relations And Smooth The Channels For Investors' Demand

The Corporate attaches great importance to investor relationships management. It actively interacts with investors through multiple channels such as mandatory disclosure of information, shareholders' meeting, investor research, investor hotline, public email, and interactive platforms. The Corporate also employs dedicated personnel to manage the aforementioned channels and platforms. ; In addition to the above traditional forms, to strengthen the pertinence and interactivity of communication, two-way communication approach of "walking out, inviting in" is adopted., By actively participating in the strategy meeting of securities companies, roadshows and holding anti roadshows, and participating in the online collective reception day for investors of listed companies, the effective communication between listed companies and investors and market related parties is realized.

2022

The Corporate disclosed that it had received

19 investor surveys

Institutional investors

126

The Corporate responded positively to investors' questions on the interactive platform of investor relations of Shenzhen Stock Exchange

252 times in a timely manner.



FOR THE ENVIRONMENT

Green Environmental Protection and Clean Production

Protect The Environment

The Corporate committed to implementing the EHS policy of "Complying with laws and regulations, people-oriented, energy conservation, pollution prevention, green production, sustainable development, full participation, health and safety", adheres to the green sustainable development concept of "Green water and green mountains are golden mountains and silver mountains", deeply embeds the basic national policy of resource saving and environmental protection into the Corporate's strategic development plan, and runs through the concept of energy saving and environmental protection in all major business decisions. By continuously improving the utilization efficiency of energy resources, continuously reducing industrial pollutant emissions and lowering energy consumption per unit product, the Corporate strives to build an environment-friendly and resource-saving green sustainable development enterprise.

Note: Unless otherwise specified, the environmental section only discloses the data on "domestic subsidiaries".

Respond To The "3060 Dual Carbon" Goal And Implement Energy Conservation And Emission Reduction

Energy saving and emission reduction efforts in response to the "3060 Double Carbon" target.



• In Terms Of Energy Conservation And Emission Reduction

The Corporate committed to tapping its own energy-saving and emission-reduction potential. It set energy conservation targets annually, organized the identification and evaluation of energy conservation opportunities,, and developed and implemented energy-saving projects. It invested heavily funds in introducing new technologies for energy conservation and environmental protection, promoting the implementation of energy conservation and emission reduction projects, continuously improving the utilization efficiency of energy resources and reduce pollutant emissions. A variety of management measures including but not limited to energy-saving diagnosis, energy review, energy-saving assessment and energy system construction have been taken to improve the Corporate's energy management level, and the unit carbon emission intensity has decreased for three consecutive years.

In 2022, the Corporate has invested more than RMB 84 million in ecological environment protection, energy conservation and emission reduction, and continued to implement water-saving projects such as establishment and optimization of pure water and wastewater recovery system, the optimization of tap water and underground water pipe layout, the establishment of wastewater pretreatment system and reduction of wastewater discharge. It adopted the use of high-efficiency, energy-saving and low-power variable frequency vacuum pumps, blowers, air conditioning units, FFU and other equipment, optimize the lighting layout and other energy-saving renovation projects. The circulating water consumption is 495,348,076.95 tons, and the proportion of total circulating water consumption to total water consumption is 23.3185107%. Emission reduction target of wastewater and waste gas pollutants in 2023: The total emission of COD and ammonia nitrogen will decrease by 4.8% compared with 2020, and the total emission of nitrogen oxides and volatile organic compounds will decrease by 6% compared with 2020.

•Some Key Investment Projects Of The Corporate In 2022 Are As Follows:

Number	Project	Project investment (10,000 yuan)	Benefits from energy conservation and emission reduction	Project Brief Introduction
01	Improving the service life of stripping liquid and Reducing the Discharge of waste stripping liquid project	201	<ul style="list-style-type: none">The use of liquid medicine is reduced by 103,810 liters;The emission reduction of waste stripping liquid is 70.45 tons	By prolonging the liquid change period of stripping and increasing the number of stripping treatment pieces of the substrate, at the same time, in order not to affect the product yield, advanced equipment is introduced to transform the existing equipment (IPA high-pressure transformation of WPR equipment) to increase the cleaning ability of the equipment end, to avoid the impact on the product yield caused by increasing the service life of stripping liquid. Without affecting the product performance, the service life of stripping liquid is increased, the use of the stock solution is reduced, and the amount of waste liquid is reduced.
02	Zero gas consumption and energy saving retrofit project of compressed air dryer	396	<ul style="list-style-type: none">The annual electricity saving is about 6.1 million kWh and the carbon dioxide emission reduction is 4,392 tons	Upgrade and retrofit the energy-saving system with zero gas consumption of compressed air dryer, specifically, three zero-gas loss heating regeneration drying units (SHR-L11500S), two-stage pre-filter (initial and fine) and one-stage post-filter (dust) were used to replace the current compressed air dryer unit in the compressed air station, and the system was optimized to improve the efficiency of energy saving and emission reduction
03	Magnetic levitation ice machine Rehabilitation project	541	<ul style="list-style-type: none">Save 200 tons of standard coal/ year	The magnetic levitation ice machine system is upgraded to improve the working efficiency of the system and achieve the purpose of energy saving
04	FFU controls energy saving projects	119	<ul style="list-style-type: none">Save about 416,100 yuan	Retrofit the FFU AC equipment in the A-PHT area clean room to achieve the purpose of energy saving
05	TMAH Waste Liquid Treatment System Project	1496	<ul style="list-style-type: none">TMAH Waste Liquid Treatment System Project	Optimize and upgrade the TMAH waste liquid treatment system in the factory area, improve the efficiency of TMAH waste liquid treatment system and reduce natural gas consumption
06	Ozone wastewater recovery and treatment system project	332.76	<ul style="list-style-type: none">The average daily water recovery is 2300 cubic meters/day	Build a new ozone wastewater recovery system with a treatment capacity of 2300 cubic meters/day, and produce water to the filtration tank. The process flow is as follows: water tank (top exhaust treatment and discharge) + UV (ultraviolet ozone removal, ozone concentration < 0.1 ppm) + activated carbon (catalytic decomposition of ozone in water) → filtration tank

• Improve Rules And Regulations And Improve Management Level.

The Corporate always attached great importance to the normalization and standardization of EHS management, and continuously promoted the construction of management systems such as ISO14001, ISO45001, ISO50001, ISO14064, green aviation and others. In 2022, all industrial bases of the Corporate successfully passed the certification (supervision) audit of third-party certification bodies, and no major missing items were found. By combining internal and external audits, the corporate continuously explores improvement potential and enhances system management to improve its EHS management system, and lay a solid foundation for the stable, healthy and sustainable operation of the Corporate's EHS management system. At the same time, based on the requirements of the management system, the Corporate continuously to sort out and optimized the EHS document system and management process. Improve the energy-saving monitoring and measurement mechanism, build an E-energy-saving project management platform, realize data analysis and early warning based on real-time monitoring, and promote efficient and accurate management of environmental protection; It organizes regular energy meetings to regularly review energy-saving indicators, energy-saving projects and on-site management of each department. It has also established an energy-saving efficiency review mechanism, monthly energy evaluation mechanism and other systems.

ISO14001 ISO45001
ISO50001 ISO14064
Green Aviation

Continues to promote

• Adhere To Green Development And Fulfills Corporate Responsibilities

The Corporate is committed to safe, green and healthy development. It actively fulfills its social responsibility, actively responds to the environmental information disclosure requirements of the government, customers and other relevant parties, and publicly and fairly discloses the Corporate's environmental information. As of 2022, each industrial base of the Corporate has won various honorary titles such as "Shanghai Advanced Water Saving Unit", "Shanghai Energy Efficiency Leader (Bronze Medal)", "Hubei Green Factory and Advanced Unit for Enterprise Environmental Protection Compliance Remediation in Longgang District".



• Promote The Construction Of Energy Conservation And Environmental Protection Culture And Enhance The Awareness Of Energy Conservation And Environmental Protection.

The Corporate actively organizes on-site theme training, environmental awareness campaigns and theme activity months to help employees deepen their understanding to the Corporate's sustainable development philosophy, energy conservation and environmental protection policies goals. It continuously enhances their environmental awareness. All employees receive three-level safety education from the beginning of their employment, and learn relevant knowledge such as environmental protection, safety and occupational health and EHS management requirements of the Corporate. Every year, the Corporate also formulates a detailed education plan to conduct EHS re-education for all employees; Warm environmental reminders and green publicity are available in factories, offices and public areas. In 2022, the Corporate successively organized theme activities such as Energy Conservation and Emission Reduction Publicity Week, Environmental Protection Theme Month and Low Carbon Environmental Protection Promotion, and mobilized employees to participate in more than 17,500 people by publishing various energy conservation publicity documents, making and posting various publicity banners, slogans, columns and posters, organizing large-scale energy conservation publicity activities, energy conservation education training courses, holding energy conservation reports and collecting energy conservation improvement proposals. This has created a good atmosphere of company-wide participation in energy conservation and environmental protection.



Green Products and Services

The Corporate adopts product life cycle management. It carries out product life cycle management from the input & review & transformation of health and safety requirements, project development, raw material procurement, incoming inspection, label management, production process control, product protection, finished product inspection and customer feedback. The Corporate conducts product information and identification management in stages through raw material identification, production process identification, quality status identification and finished product identification. The incoming raw materials are marked with environmental protection, and RoHS labels are attached to the finished packaging boxes, achieving 100% compliance.

100% Compliance

• Green Information

In order to keep up with the industry trends and ensure accurate grasp of regulations and market trends, Tianma Group Green Product Management Platform Group dynamically collects management regulations and information through the website information of major environmental protection platforms, and continuously maintains good communication with third-party professional testing and system certification institutions to obtain the latest product environmental protection regulations and industry information. In 2022, the Corporate regularly informed all employees through the internal magazine *Green Information*; 64 responses to customer requests; A total of 60 laws and regulations related to environmental protection have been identified, and after internal detailed review, they have been transformed and updated into version 2.2 of *Tianma Environmental Material Management Benchmark*, which was officially released in September.



• Green Design

Under the current situation of the industry where consumers' awareness of environmental protection is constantly increasing and customers' demands are increasingly stringent, the Corporate actively responds to the green development trend. The Corporate strictly controls the R&D and material selection stage. After the assessing the environmental protection requirements through the establishment of the project, the Corporate select raw materials that meet HSF policy and customer requirements, and at the same time increase efforts to promote suppliers to realize harmless materials, so as to enhance their own enterprise competitiveness. The types of hazardous substances management and control are also constantly improving. At present, 111 standards of hazardous substances have been established.



Harmless development:

Categories Restricted Substances



• Green Supply Chain Management

With the changes of environmental protection regulations and customer requirements, the Corporate revised *Tianma Environmental Material Management Benchmark* in September 2022 and upgraded the environmental protection management requirements for suppliers simultaneously. In October, the Shenzhen Regional Organization of the Special Display Division organized a live web conference, held the 2022 Tianma Group Supplier HSF Training and Publicity Conference with the theme of "Green Production, Win-Win Cooperation", and invited internationally renowned testing institutions to give a detailed explanation of the requirements of mainstream laws and regulations in detail, aiming at training and promoting Tianma's hazardous substance management requirements, the change points of environmental protection laws and regulations, and the interpretation of new requirements, as well as the response to control requirements, improving the professional knowledge of suppliers in hazardous substance management, and enhancing their ability to independently intercept hazardous substance risks. A total of 344 suppliers participated in this year's environmental protection training conference, with 569 participants, covering 41 types of materials. At the same time, in order to better enable suppliers to grasp the environmental protection related knowledge of this training conference, a special post training assessment was specially organized, which adopted QR code identification electronic assessment, with a pass rate of 93%, and 371 people with more than 80 points, accounting for 81%, the highest in history.

Suppliers participated

344

Participants

569

Involving types of materials

41

Passing rate

93%

Proportion of people with over 80 points

81%



• Green Production

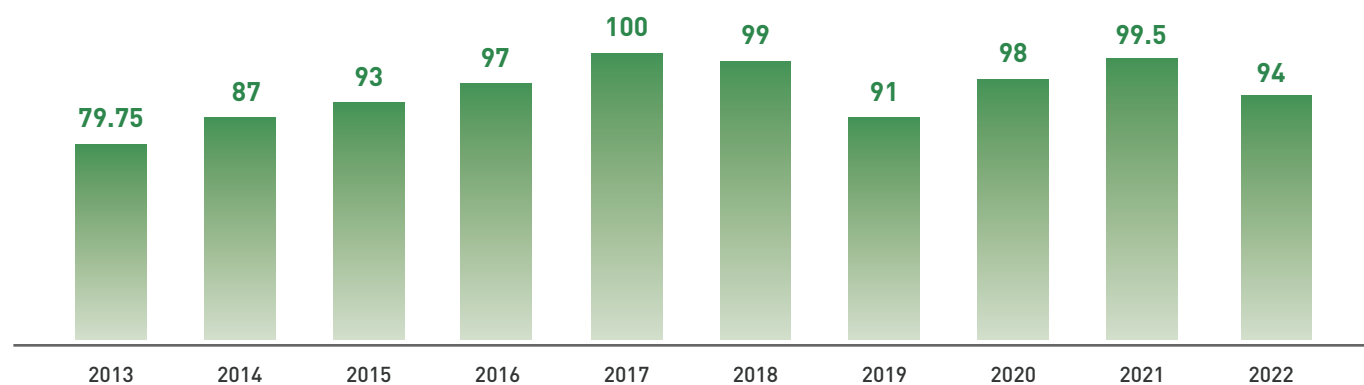
In addition to the R&D stage, the Corporate also pays special attention to the pollution risk of each process in the manufacturing process. Therefore, the Corporate realizes the halogen-free control of auxiliary materials in all processes, strictly implements the environmental assessment process when importing auxiliary materials, and prevents the environmental pollution risk through periodic internal environmental protection testing of auxiliary materials and treatment tools, third-party environmental protection testing of semi-finished products and finished products, and incoming material verification process, and finally realizes zero environmental accidents for the client in 2022.



• Green Services

- In 2022, the leading customers of major hazardous substance management continued to put forward update requirements, and the Corporate actively responded and participated in the training and publicity meeting of major customers' standard change, to grasp the change in customer requirements as soon as possible, and share, transform and implement them internally through the green product management platform. Tianma Corporate is also constantly summing up its experience. In 2022, it has established and improved 49 domestic and foreign customers' experience databases on hazardous substances management.
- The Corporate actively established a green product management system, which was continuously recognized by customers during past audits. At the same time, Wuhan G4.5, G6, Xiamen LTPS and TM18 have passed the QC080000: 2017 system certification audit, which better transforms and implements the requirements of the new version of the system in all processes of the Corporate, better service to customers, and provides customers with products consistent with the requirements of green environmental protection.
- The Corporate complies with the requirements of laws and regulations on hazardous substances related to vehicle-mounted products, cooperates with end customers to provide information on materials used in products, and provides a classification of hazard levels related to materials, providing a scientific analysis basis for the recovery of 95% of vehicle materials. In 2022, 200 CAMDS and IMDS were submitted.
- The Corporate has continuously optimized the promotion of product safety and health. In 2022, a total of 35 LCD module products passed UL certification and obtained UL certification reports.

Customer Satisfaction Score:



Green Logistics

• Green Warehouse Management

In terms of warehouse management

All warehouses in Tianma have completed the WMS system online, and through high electronic information integration, a paperless office has been realized, which effectively saves office resources.

In terms of production waste disposal

In 2022, a total of 12,767 tons of general waste were recovered and treated, with revenue of 29.12 million yuan; Reasonable disposal of 2,224 tons of electronic waste, with an expenditure of 2.44 million yuan on environmental protection. In terms of waste disposal, we always pay attention to the bottom line and comply with environmental protection laws and regulations.

In terms of packaging material recycling

Using recyclable packaging materials, 38,433 PP-boxes and 99,907 EPP will be recycled in 2022. In addition, through evaluation, the recycling of wooden pallets for end-users of customers' goods was increased in July 2018, and a total of 14,291 wooden pallets were recycled in Wuhan, Xiamen and Shenzhen in 2022.

• Integrated Transportation Management

- The Corporate adopts a group transportation management mode to integrate transportation volume and supplier resources, share platform information, and improve the utilization of transportation resources. In 2020, the whole TMS group was launched, and management reports were optimized and visualized in 2022. Better and reasonable planning and allocation of resources through system integration.
- In terms of resource allocation, the vehicle loading situation is shared at the front-end, which promotes orders combination. The goods in and out of different areas were coordinated to improve the full load rate of vehicles and reduce the empty return rate, thus reducing the waste of transportation resources and reducing the carbon emissions of the Corporate. In addition, in terms of transportation modes, in 2022, through the adjustment of transportation modes (cross-border trucks in Southeast Asia), double-layer stacking of China-Europe railways, Air to Railway Transport in Europe, change of packaging mode, optimization of packaging materials transportation and centralized shipment will save the Corporate a total cost of 9.6 million yuan.
- In terms of CSR management of logistics suppliers, the Corporate requires all transportation logistics suppliers to sign CSR agreements and share social responsibilities. The Corporate has signed 13 new logistics suppliers, accounting for 100%. The Corporate actively promotes the concept of social responsibility in the logistics supplier system to achieve a win-win situation.
- Under the influence of the COVID-19 situation, epidemic prevention measures such as isolation control have had a huge impact on the logistics industry, and the cost has increased, making delivery more difficult. Through a high degree of coordination with cooperative suppliers, the Corporate ensures the production and delivery of the factory, which is highly recognized by customers.



Plan for 2023

- CSR annual supplier audit rate will be 100%, and CSR agreement will be signed with suppliers.
- Continuously optimize the air transport mode, combine with air and sea transportation, land transportation, railway and other operation modes to reduce costs, save energy consumption and control carbon emissions.
- Reuse the packaging materials, change the way of transaction loading, and reduce the use of consumables (mainly including PP-BOX, EPP-BOX, pallets and blister trays).
- Strengthen the management of waste disposal to avoid environmental pollution caused by human activities.

Green Products

Green IT

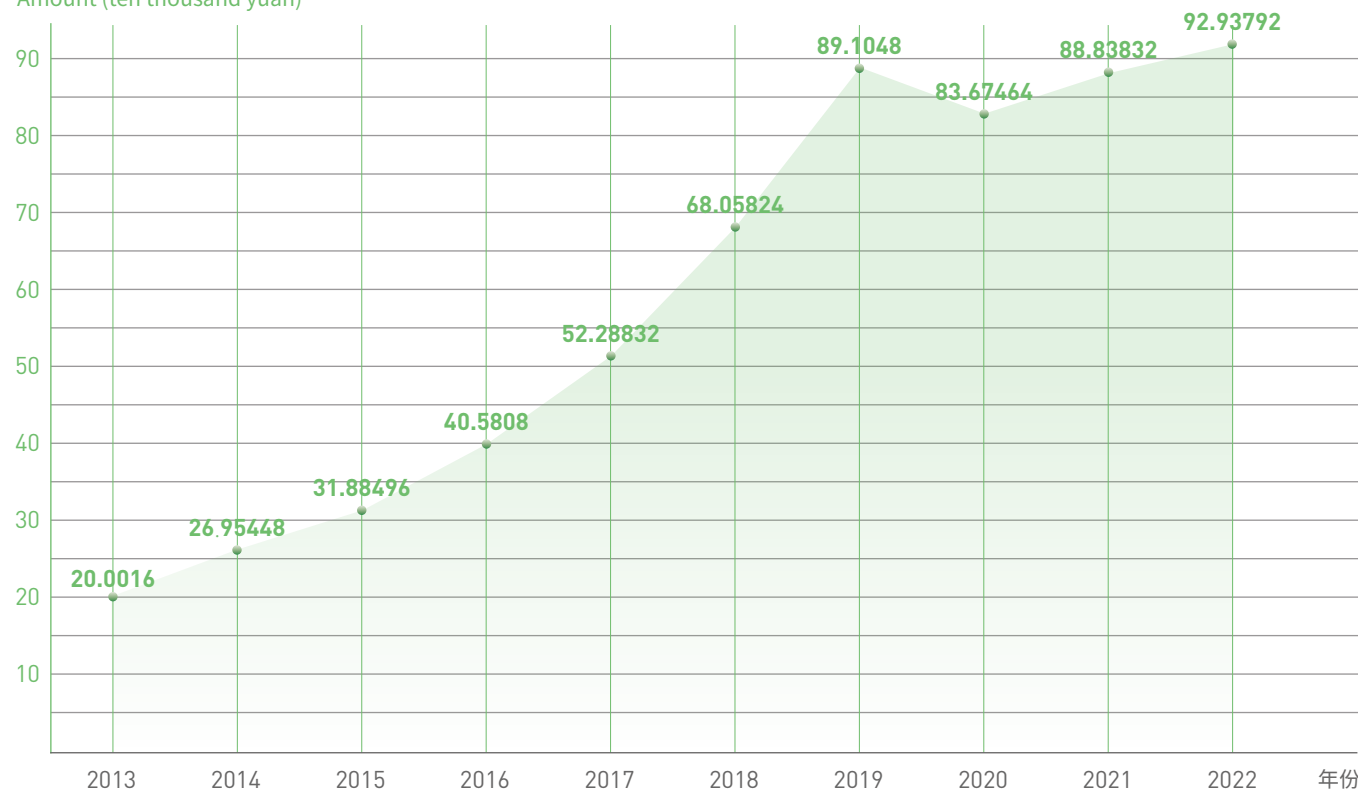


• IT-OA Paperless

- In 2022, through process consolidation and optimization, paperless office promotion and other measures, the number of existing online business processes increased to 651. Up to now, the number of applications in 2022 was 11,61,724, and according to the calculation, the paper and printing costs were saved by 929,379,200 yuan.
- In 2013, the Corporate saved a total of 200,016 yuan in paper and printing costs, exceeding the expected target of 150,000 yuan. In 2014, the Corporate saved a total of 269,544.8 yuan in paper and printing costs, exceeding the expected target of 180,000 yuan. In 2015, the Corporate saved a total of 318,849.6 yuan in paper and printing costs, exceeding the expected target of 250,000 yuan. In 2016, the Corporate saved a total of 405,808 yuan in paper and printing costs, exceeding the expected target of 320,000 yuan. In 2017, the Corporate saved a total of 522,883,200 yuan in paper and printing costs, exceeding the expected target of 320,000 yuan. In 2018, the Corporate saved a total of 680,582,400 yuan in paper and printing costs, exceeding the expected target of 360,000 yuan. In 2019, the Corporate saved a total of 891,048 yuan in paper and printing costs, exceeding the expected target of 600,000 yuan. In 2020, the Corporate saved a total of 836,7464 yuan in paper and printing costs, exceeding the expected target of 600,000 yuan. In 2021, the Corporate saved a total of 88.83832 yuan in paper and printing costs, exceeding the expected target of 700,000 yuan. In 2022, the corporation's OA system approved the special items to improve efficiency, and the identification business process was realized electronically. So far, according to the calculation, it has saved a total of 929,379 yuan in paper and printing costs.
- In 2023, the Corporate will continues to promote paperless offices, reduce the number of paper signing and verification processes, and raise the annual goal of saving paper and printing costs to no less than RMB 800,000.

OA Paperless Saving Cost

Amount (ten thousand yuan)



• Virtualization

- In 2022, the Corporate achieved the green goal of energy saving and emission reduction through the desktop virtualization project (12,865 points in the whole group). Compared with the traditional pc, the annual power consumption of thin clients decreased from 3,052,944 kWh to 1,526,472 kWh, reducing the power consumption by 50%, and the annual cumulative balance of electricity charges was 1,160,119 yuan (RMB below).
- According to this project, the computing resources of individual servers can be shared by multiple environments through virtualization technology, the utilization rate of servers has increased by 66%, the annual power consumption has been reduced from 1,760,899 kWh to 1,173,933 kWh, and the cumulative balance of electricity charges is RMB 446,094.
- In addition, because running multiple servers will generate a lot of heat and require additional energy consumption for cooling, multiple servers are integrated into one through virtualization technology, which greatly reduces carbon dioxide emissions.

The power consumption rate is reduced by

50%

The server utilization rate is increased by

66%

FOR THE EMPLOYEES

People Oriented and Grow Together

The total number of employees
in the Corporate is

25782

69.83%

The male employees
accounting for

7779 人

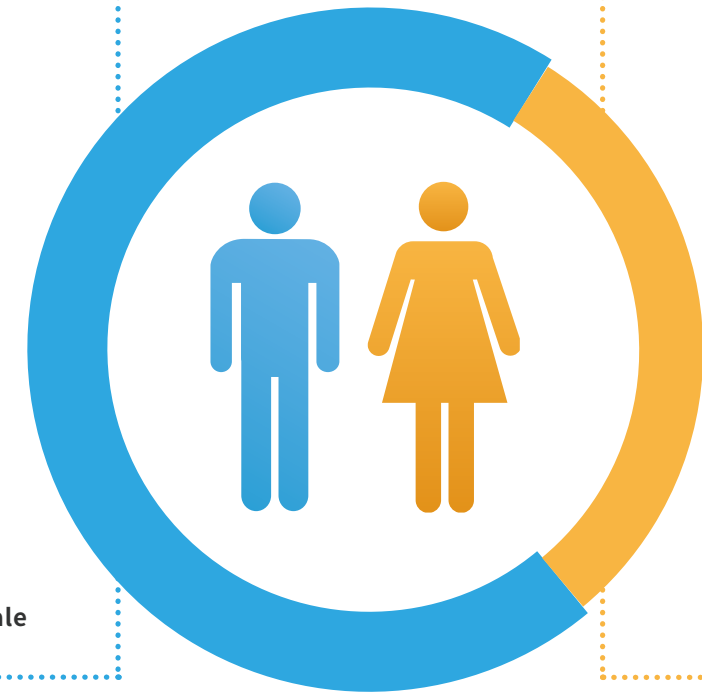
The total number of female
employees was

18003 人

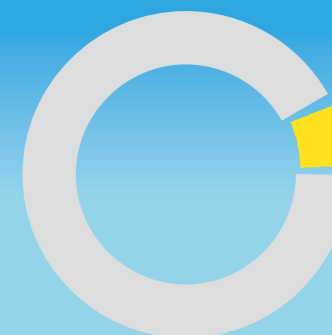
The total number of male
employees was

30.17%

The female employees
accounting for



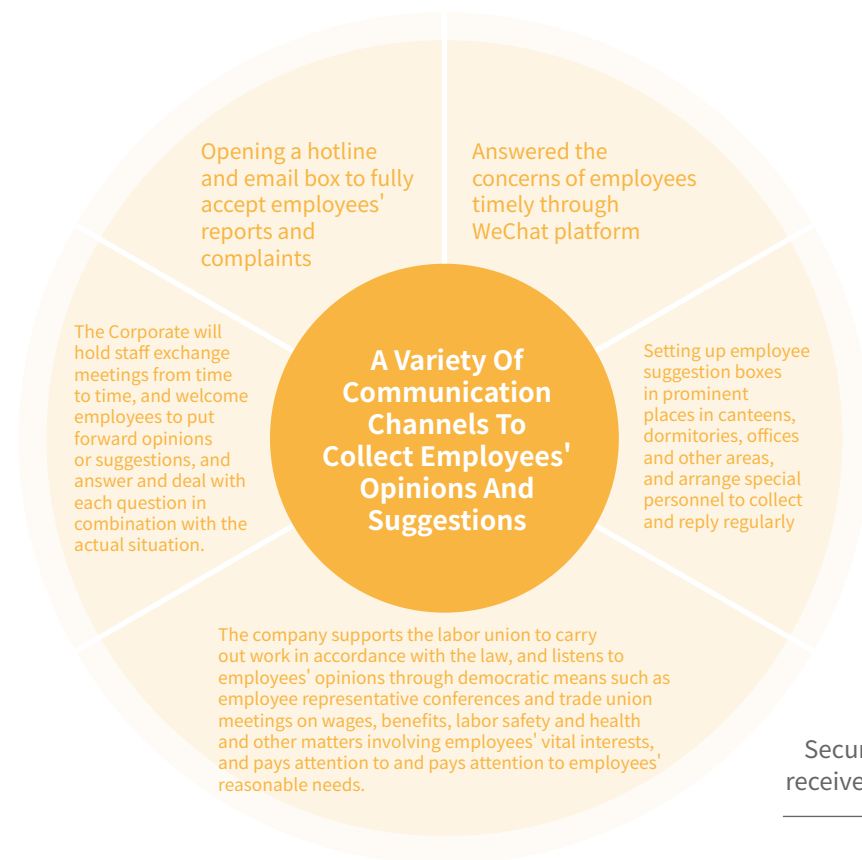
The number of employees aged 50 and above is	173	Accounting	0.67%
The number of employees aged 30-50 is	9573	Accounting	37.13%
The number of employees under 30 years old is	16036	Accounting	62.20%



The number of ethnic minorities was	1953	Accounting	7.58%
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Good Human Rights Protection and Employee Relations

The Corporate has set up a variety of communication channels to collect employees' opinions and suggestions: opening a hotline and email box to fully accept employees' reports and complaints; Setting up employee suggestion boxes in prominent places in canteens, dormitories, offices and other areas, and arrange special personnel to collect and reply regularly; Answered the concerns of employees timely through WeChat platform; The Corporate will hold staff exchange meetings from time to time, and welcome employees to put forward opinions or suggestions, and answer and deal with each question in combination with the actual situation. The Corporate supports the Labor Union to carry out their work according to law and listens to employees' opinions through democratic forms such as employee congresses and the Labor Union meetings on matters involving employees' vital interests, such as wages, welfare, labor safety and health, and pays attention to and attaches importance to the reasonable needs of employees.



100%

Security personnel who have received human rights training

Through collective contracts and special collective contracts, the Corporate has regulated labor contracts, labor remuneration, working hours, rest and vacation, insurance benefits, labor health and safety, vocational training, special protection for female employees and underage workers, trade unions and union activities, etc., which effectively guarantees employees to exercise their freedom of association and collective bargaining rights.

In the process of recruiting employees, the Corporate has fulfilled its social responsibilities, paid attention to the management and training of localized talents, gave priority to recruiting local community personnel, improved the efficiency of the localized operation, promoted employment and increases taxes, and contributes to local social development.

The Corporate formulated the Regulations on the Management of Child Labor and Underage Workers, and formulated relevant policies and comprehensive preventive measures in important links such as employee recruitment and employment to prevent the use of child labor. The Corporate stipulates that there should be no discrimination in recruitment, promotion, salary, training, etc, such as race, sex, nationality, age, pregnancy, or disability, and there is no discrimination within the Corporate. The Corporate explicitly prohibits the use of force, debt paying or indentured labor, and has made detailed and reasonable regulations in important links such as recruitment, employment and resignation, to eliminate the use of forced labor in a specific practice. Forced labor has not occurred in the operation of the Corporate. The Corporate respects and safeguards human rights and the proportion of security personnel who received human rights training during the reporting period was 100 percent. The Corporate protects the personal rights and interests of all employees, eliminates exploitation, utilization, and prevents illegal recruitment, transportation, transfer, and violent threats to people for profit, and prohibits the occurrence of human trafficking, enslavement and other events. The Corporate has not experienced human trafficking or enslavement incidents.

Health and Safety

The Corporate has set up a safety committee, which is fully responsible for EHS management. The director of the safety committee is the chairman of the Corporate. Each industrial base has its safety committee, which is fully responsible for EHS management of its base. The director of the safety committee of each industrial base is the person in charge of its base.

In 2022, under the leadership and support of the Corporate's Safety Committee, the Corporate overall safety production situation continued to be stable through the joint efforts of the Corporate and various industrial bases. To effectively prevent and resolutely curb general and above-production safety accidents and adhering to the principle of "safety first, prevention first, and comprehensive management", the Corporate has established a special risk prevention and control promotion team, continuously improved the mechanisms of risk identification, risk classification management and control, hidden dangers investigation and management and emergency treatment, consolidated intrinsic safety infrastructure, strengthened source risk prevention and control, effectively controlled accident risks, built a safe production defense line and ensured the sustainable development.



• Improve Organization And System Guarantee

As the highest management organization of the Corporate's safety production, the Safety Committee of the Corporate comprehensively guides EHS management, guarantees the investment in safety production, improves EHS management organization, and assigns enough full-time EHS management personnel. In 2022, according to the New Security Law, combined with the document integration work, the Corporate focused on improving the dual prevention mechanism of safety risk classification management and control and hidden dangers investigation and governance, established the

safety risk classification management and control management system, and revised the hidden dangers investigation and governance management system. Improve the Corporate's safety responsibility system, establish the Corporate's health, safety and environmental protection performance assessment mechanism, regularly organize the implementation of health, safety and environmental protection performance assessment for all departments of the Corporate, promote the departments to implement the main responsibility of safety, and enhance their ability to perform their safety duties.

• Continue To Promote Safe Production

The Corporate actively strengthens the accident and event management, continuously promotes the investigation and management of hidden dangers, formulates and strengthens the monitoring indicators, prevention, early warning and prediction of health, safety and environmental protection events, continuously promotes the accident rectification and flattening mechanism, regularly organizes various industrial

bases to conduct accident event analysis seminars, including internal and external accidents of the Corporate, analyzes the causes of accidents and clarifies improvement measures, and all industrial bases carry out special rectification work for frequent incidents of the same kind, such as special rectification of electrical safety, special rectification of three violations and others, to achieve the goal of zero accidents.

Strengthen The Investigation And Management Of Hidden Dangers

The Corporate Comprehensively carries out safety risk identification and hierarchical management and control, deepen the investigation and management of hidden dangers, and lead the team by the leaders of the Corporate's safety Committee to organize internal and external experts to conduct a comprehensive inspection of health, and safety and environmental protection at each base, thoroughly investigate the safety risks of operating factories, and build a communication platform for local business personnel; Nine leaders of the Corporate team represented by the top leaders and 99 senior professionals participated in the inspection, and more than 600 potential safety hidden dangers were identified. Looking back on the implementation of rectification of all potential dangers and problems, the closed-loop management of hidden danger investigation was realized.

Deepen Risk Management And Prevention

The Corporate gives full play to the risk prevention function of insurance, introduces the risk management function of insurance into safety production management, realizes the organic combination of professional risk management and safety production work, improves the reliability of the safety protection system, effectively exerted the accident prevention function of insurance institutions, and changes post-event passive claims settlement to pre-event active prevention disaster mitigation and post-event protection. At the same time, it promotes risk visualization management, and visualizes the safety requirements of managers, specific hidden dangers and risks, to promote independent management and control.

Improve The Emergency Management System And Enhance The Emergency Capability

The Corporate strictly abides by the relevant laws and regulations on national emergency management, establishes and improves the emergency plan system following law, formulates and improves various safety production emergency plans from the source of various types of risks, and regularly organizes employees to conduct emergency plan drills, deeply analyzes and summarizes the applicability of emergency plans, and revises the inapplicable part. At the same time, actively participate in the safety production activities of community streets and safety associations, and actively participate in safety education, emergency education, emergency drills and other activities organized by government departments.

Adhere To People-Oriented , Ensure Occupational Health And Safety And Improve The Working Environment

The Corporate always insists on improving the working environment of its employees, establishing and perfecting the occupational health management system, actively carrying out occupational health training and publicity activities, regularly monitoring occupational disease hazards in the workplaces according to law, and providing perfect occupational health examination and labor protection for employees. In 2022, the Corporate organized occupational hazard physical examinations for all employees in occupational hazard positions, and there were no suspected occupational cases and occupational disease patients. Up to 2022, the Corporate's industrial bases have been awarded honorary titles such as "Winning Unit of Ankang Cup Competition in Pudong New Area", "Shenzhen Health Promotion Enterprise" and "Longgang District Occupational Health Protection Demonstration Enterprise", and Xiamen has won the third place in safety production knowledge in the 24th Torch Cup.

Employee Training

In 2022

the corporation's annual staff education fund is

8735183.86 yuan

In 2022, according to the 14th Five-Year Plan, the Corporate clarified the training focus and overall plans and formulated and carried out various training activities based on the needs of employees' ability development, to promote the implementation of the Corporate's talent development strategy. Based on the overall layout of business development and leadership team construction, management training comprehensively optimizes the "Kunpeng Plan" and "Dark Horse Plan", develops and designs the "Ji Ao Plan" and "Spring Bamboo Shoots Plan" in a targeted manner, and gradually carries out training in various stages of projects such as Kunpeng, Ji Ao and Spring Bamboo Shoots projects. The technical training deeply subdivides the personalized learning needs of different groups in the technical sequence and continuously carries out "Quality Class", "Lean Class", "Six Sigma Basic Class", "DFSS Class" and "TRIZ Class", which are combined with online video courses to facilitate the fragmented learning of employees and lay a solid foundation for the training of technical talents. New human training completes the iteration and upgrading of courses such as strategy, culture and system. At the same time, the T-PLAN project for the 2022 fresh graduates completed the overall optimization of the scheme from 17 dimensions and fully communicated and interacted with the students through live broadcast. In terms of digital talent training, identify nine key roles and build a competency model and curriculum system to gradually establish and improve the panorama of digital talent training.

In terms of training system operation and infrastructure construction, based on the support needs of talent cultivation resources, the internal lecturer star rating reform was completed, and the lecturer training plan was optimized, further subdivided into groups and matched more targeted "Lighthouse Plan", "Torch Plan" and "Spark Plan" according to different star ratings; At the same time, in September, the third Learning and Development Month Teacher's Day commendation activity was completed, with a total of 128 lecturers winning awards. Through a variety of activities, give internal lecturers a sense of honor and pride, and ignite their passion of internal lecturers. In terms of the platform construction, fully investigate the external benchmarks and internal use status, clarify the upgrade plan of Tianma e-learning platform, and provide employees with learning resources through extensive channels and convenient operation. Since the introduction of Tianma e-learning platform in 2019, the number of users has been increasing year by year.



Corporate Employee Training Data In 2022

Within the borders	Total training hours
Shanghai	152956
Wuhan	201871
Shenzhen	122267
Xiamen	455135.5
Chengdu	12880

Overseas	Total training hours
Japan	7802
Europe	455
United States	878
Korea	580

Compensation and Welfare Performance

The Corporate strictly implements the minimum wage requirements, wage regulations, personal tax system and other laws and regulations of the national and local government, provides employees with reasonable and legal working conditions, and helps employees enjoy national and local policy dividends in time, such as special tax deduction, final settlement and others.

Based on matching the business development strategy, the Corporate has timely insight into the external economic situation and market salary level and provides employees with competitive salary packages in the market. The Corporate has a clear employee development channel and a rich salary incentive system, encouraging each employee to fully realize their potential, show higher value contributions and obtain matching salary income.

By national and local laws and regulations, combined with the actual production and operation and the differentiated nature of employees, the Corporate implements and legally declares a standard working hours system, comprehensive working hours system, irregular working hours system, etc., and implements shift scheduling and wage payment standards according to different working hours systems to ensure employees' rest time and labor income. During the epidemic period, by the epidemic prevention and control requirements of local governments, the Corporate established a phased flexible attendance and salary calculation scheme, and made every effort to overcome the impact of the epidemic lockdown, and paid employees' salaries on time, thus effectively ensuring the safety, health and stability of employees' work income.

The Corporate adheres to standardized management, with open and transparent salary and welfare policies, and continuously improves management efficiency through information and digital construction, providing employees with more convenient and humanized platform services. Employees can access the corporation's policies in real-time through the corporation's internal office system, human resources system, attendance system, enterprise WeChat and other channels, and inquire about personal attendance, scheduling, vacation, salary details, etc.

The Corporate provides employees with comprehensive and warm welfare benefits and constantly optimizes various welfare policies to continuously improve employees' perceptions. In terms of basic security, employees are required to have endowment insurance, medical insurance, employment injury insurance, birth insurance, unemployment insurance and housing fund according to law, and supplementary commercial insurance is provided. Employees with major diseases, sudden disasters or family difficulties can also apply for Love Fund; In terms of holiday benefits, various types of holidays such as marriage and funeral leave, maternity examination leave, maternity and paternity leave, breastfeeding leave, parental leave and paid annual leave are provided; In terms of infrastructure, it provides a comfortable office environment and complete living facilities, such as employee dormitories, canteens, medical rooms, stadiums, multi-functional rooms, etc. At the same time, there are nursing rooms for postpartum employees; In terms of travel security, provide free shuttle buses and set up transportation and accommodation subsidies; In terms of humanistic care, food subsidies, team building funds, holiday gift packages, birthday care, childbearing care, funeral condolences, hospitalization condolences, retirement condolences, high-temperature condolences, etc. In 2022, the corporation's welfare coverage rate will be 100%.

In 2022, the proportion of employees at all levels receiving regular performance and career development evaluations is 100%. The Corporate adheres to the principle of equality, implements diversified management, and provides fair treatment and development opportunities for employees. In terms of salary setting, salary adjustment and incentive bonuses, regardless of gender. In 2022, the per capita basic salary and monthly compensation ratio of front-line/non-front-line male and female employees of the Corporate were 1.0.

In 2022
The corporation's welfare coverage rate will be 100%

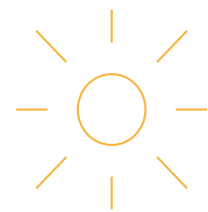
Item	Shanghai	Shenzhen	Xiamen	Wuhan	Chengdu	Wuhu	Total
Total number of female employees who actually used maternity leave during the reporting period	85	37	101	117	7	1	348
Total number of male employees who actually used paternity leave during the reporting period	73	40	182	143	8	5	451
The return rate of female employees on maternity leave during the reporting period	98%	92%	90%	99%	100%	100%	95%
The return rate of male employees on paternity leave during the reporting period	99%	100%	100%	99%	100%	100%	100%
The basic salary ratio of male and female front-line employees during the reporting period	1.0	1.0	1.0	1.0	1.0	/	1.0
The basic salary ratio of men and women for non-frontline employees during the reporting period	1.1	1.2	0.8	1.0	1.0	1.3	1.0
The remuneration ratio between male and female frontline employees during the reporting period	1.0	1.0	1.0	1.0	1.0	/	1.0
The remuneration ratio between male and female of non-frontline employees during the reporting period	1.1	1.2	1.0	1.1	1.1	1.3	1.0

Note: All values in the table are rounded to one decimal place, and the total value is a weighted average. Photo: The corporation's welfare coverage rate will be 100% in 2022.

Employee Care Activities

T-MAN Activity

"Resilient grow and face the future." The 2022 new college students from all over the world, taking dreams as the driving force for progress, have just entered the workplace. The Corporate organizes various activities and training to lead them to start a new journey of "T-PLAN".



Sports Meeting

The Corporate organized sports competitions, interesting games, parent-child games, running around the factory and water carnival, etc. The combination of sports competitions and interesting games has brought a wonderful visual feast for everyone.



Traditional Festivals

During the traditional festival, the Corporate holds a variety of celebrations and prepares warm holiday gifts. Employees can participate in interesting activities such as making Zongzi, taking pictures of dragon boats, playing a game about Mid-Autumn Festival moon cake, DIY lanterns, and others to feel the charm of Chinese traditional culture.



Association

To enrich employees' spare time, activate all employees' bodies and minds, strengthen the communication among employees, reflect the warmth of the collective and enhance the cohesion of the enterprise, the Corporate has set up a variety of associations for employees, including handicraft club, basketball club, badminton club, yoga club, etiquette club, guitar club, dance club, music band, outdoor sports league, fishing club, photography club, electronic sports club, etc.



Talent Show

The Corporate hold talent show activities, and after work, Tianma people with talent will have a stage to show themselves. Performance forms have their own characteristics, integrating dance, opera, sketches, songs and other forms.



Free Clinic Activities

Caring for employees, the health is the first. To better care for employees' health and achieve early prevention, early detection and early treatment of diseases, the Corporate organizes annual physical examinations and irregular free clinic activities in conjunction with community hospitals, so that employees can take care of themselves while busy working and living.



Mental Health Consultation

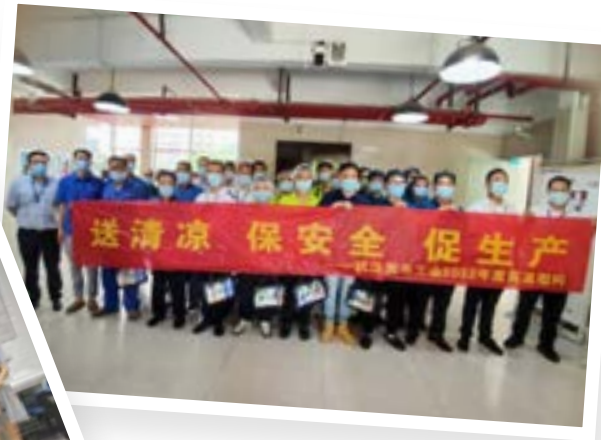
To enhance employees' awareness of mental health care, guide employees to learn to correct psychological adjustment, relieve psychological pressure and eliminate job burnout, the Corporate carries out lectures on employees' mental health from time to time. In 2022, Shenzhen Base and the community will jointly build an employee mental health consultation room to serve 4,500 employees on the base.



Employee Exchange Meeting, Employee Representative Meeting

In order to better listen to employees' thinking, enhance mutual understanding, make them closer, and serve and support employees' growth more effectively, the Corporate holds employee exchange meetings and employee representative conferences from time to time. At the meeting, all employees spoke enthusiastically and put forward their own opinions or suggestions on the problems encountered in their current work. In response to the questions raised by employees, the Corporate leaders attached great importance to them, and handled and answered each question by soliciting employees' opinions and considering the current actual situation.





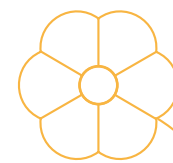
Prevent Heatstroke and Reduce Temperature

Hot summer days, scorching heat. To ensure the safety of front-line employees during the summer, the Corporate carried out cool condolence activities in summer, and provide care to the employees who braved the high temperature and persevered in their front-line work positions. To prevent safety accidents in the high-temperature working environments, the Corporate set up a summer heatstroke prevention and cooling guarantee group, which formulates guarantee measures from activities, publicity, diet, training, prevention and supervision, and carry out heatstroke prevention safety education. At the same time, the Corporate holds various contests and prize-winning activities for heatstroke prevention and cooling knowledge to popularize heatstroke, heatstroke prevention and cooling knowledge and rational use of heatstroke prevention drugs for employees.



Tianma Summer Care Class

To alleviate the difficulty of childcare for Tianma employees' during the summer vacation, guide and help them to spend a happy, safe and meaningful summer vacation, Wuhan Tianma set up a special class for summer care, and the labor union set up special funds. Under the leadership of the Party Committee of the Corporate, we cooperated with the Youth League Committee of the Corporate and the strength of various departments, carefully planned and deployed, shouldered their responsibilities, coordinated and linked, and created a caring, warm-hearted and secure Tianma summer care class management model, and incorporated the custody service into the annual practical activity project of "I do practical things for the people" to solve difficult problems and do practical things for employees. We lived up to our trust and safeguarded the holiday time. A total of 60 Tianma babies have signed up for this summer childcare class. Parents' trust is the driving force for our efforts!



Intimate Administrative Services



01

- The Corporate took the initiative to understand the needs of employees, introduced new energy vehicle charging stations and planned special parking spaces for new energy vehicles in the living park, providing convenience for employees who use new energy vehicles to charge, so that employees do not have to worry about charging anywhere;
- Introduce large outdoor direct drinking, and employees can drink healthy normal temperature direct drinking water at any time;
- Create a convenient lifestyle in the park, enrich the food and beverage categories and offer take-out food delivery service, reduce the risk of employees gathering for meals, ensure that employees can eat well without leaving home, and improve the quality of life of employees in the park.

02

- The Corporate actively promoted energy-saving and environmental protection activities, utilizing intelligent lighting systems, air conditioning systems, and installing time controllers to achieve efficient and energy-saving control of lighting and air conditioning in public areas;
- Strengthen personnel's awareness of energy conservation through company-wide announcements, promotion of energy-saving awareness among suppliers, and improvement of energy-saving labeling;
- Established energy-saving inspection and audit mechanism, such as night cleaning of office area, daily inspection reports of safety management, monthly inspection and audit, etc. The Corporate brought to life the philosophy that "Energy saving starts with me; greenness is shared by all."

03

- The Corporate organized the annual physical examination of employees to help employees timely know their physical condition;
- And provided clinic consultation services, distributing medication based on the season and symptoms to aid quick recovery from illness.
- In the National Healthy Lifestyle Promotion Month, the Corporate in conjunction with the district CDC carried out offline promotion, consultation and health knowledge quiz with prizes. In the face of repeated outbreaks of the epidemic, The Corporate organized employees to vaccinate, nucleic acid testing for all employees, virus disinfection in office areas, etc. The Corporate build a safety barrier for our employees by effectively preventing the coronavirus disease. Tianma's speed and temperature coexist, which brings happiness to employees by improving various detail in life.

04

- The Corporate organized property security management to conduct regular special training on courtesy, human rights protection, anti-violence and other aspects, to improve enforcement ability, image and personal quality;
- It held emergency drills regularly to enhance the team's emergency response capabilities.;
- The local public security bureau in the jurisdiction, together with the Corporate and property security, shall establish a joint police-enterprise defense team, and put in the police force and security forces to strengthen the internal and surrounding public security management of the corporate. At the same time, public security organs are invited to publicize the law and carry out special lectures and activities to provide security for the Corporate and its employees. The administrative joint property establishes a convenience service center to provide convenient services for employees.

FOR THE PARTNER

Develop Together and Create A Better Future

Supplier Management

As of 2022, Tianma has established a complete supplier management procedures, defining requirements around resource strategy development,, resource import or exit, assessment and evaluation. The Purchasing Center regularly optimizes the procedures or system on the basis of the business requirements and the needs of relevant parties, and continuously improves the supplier management system.

The Corporate's suppliers are mainly high-tech and labor-intensive, supplemented by equipment manufacturers, spare parts agents, culture and educational and e-commerce. Labor-intensive suppliers were gradually reducing their reliance on human labor by improving the automation in intelligent manufacturing. By December 2022, there were a total of 2,043 qualified suppliers in the Corporate's resource pool, including 661 productive suppliers (that is suppliers of raw and auxiliary materials needed for producing products) and 1,382 non-productive suppliers (that is suppliers of related spare parts, fixed resources and non-productive consumables and other suppliers). The purchasing center regularly assesses and evaluates suppliers in the resource pool, identifies potential CSR risks of suppliers, and arranges resources in advance to ensure the forward-looking, reasonable, coordinated and fully competitive nature of the resource pool; During the reporting period, 70 new suppliers were introduced and 38 suppliers were eliminated, with an overall turnover rate of 5%. The Corporate continued promoting domestic purchasing, with 60.21% of 2022 purchasing expenditures going to domestic suppliers.

As of the end of December 2022

Qualified suppliers

2043

Productive suppliers

661

Non-productive suppliers

1382

During the reporting period

New introduces suppliers

70

Obsolete suppliers

38

The overall turnover rate of suppliers

5%

In 2022, the purchasing center will undertake the CSR management requirements of the corporate, and add the CSR management requirements in the whole life cycle of supplier management to ensure the orderly and effective implementation of the CSR policies and objectives of the Corporate and promote partner suppliers and Tianma Corporate to jointly implement corporate social responsibility. Specific management requirements are as follows:

01 Supplier Csr Agreement Management

During the reporting period, Tianma imported 70 new suppliers, 60 of which have signed CSR agreements, with a signing rate of 86%. Some unsigned suppliers are mainly foreign. The Purchasing Center organizes monthly agreement renewal follow-up and simultaneously restricts relevant clauses in PO orders to ensure that suppliers meet the CSR management requirements of the organization.

02 Supplier Performance Evaluation

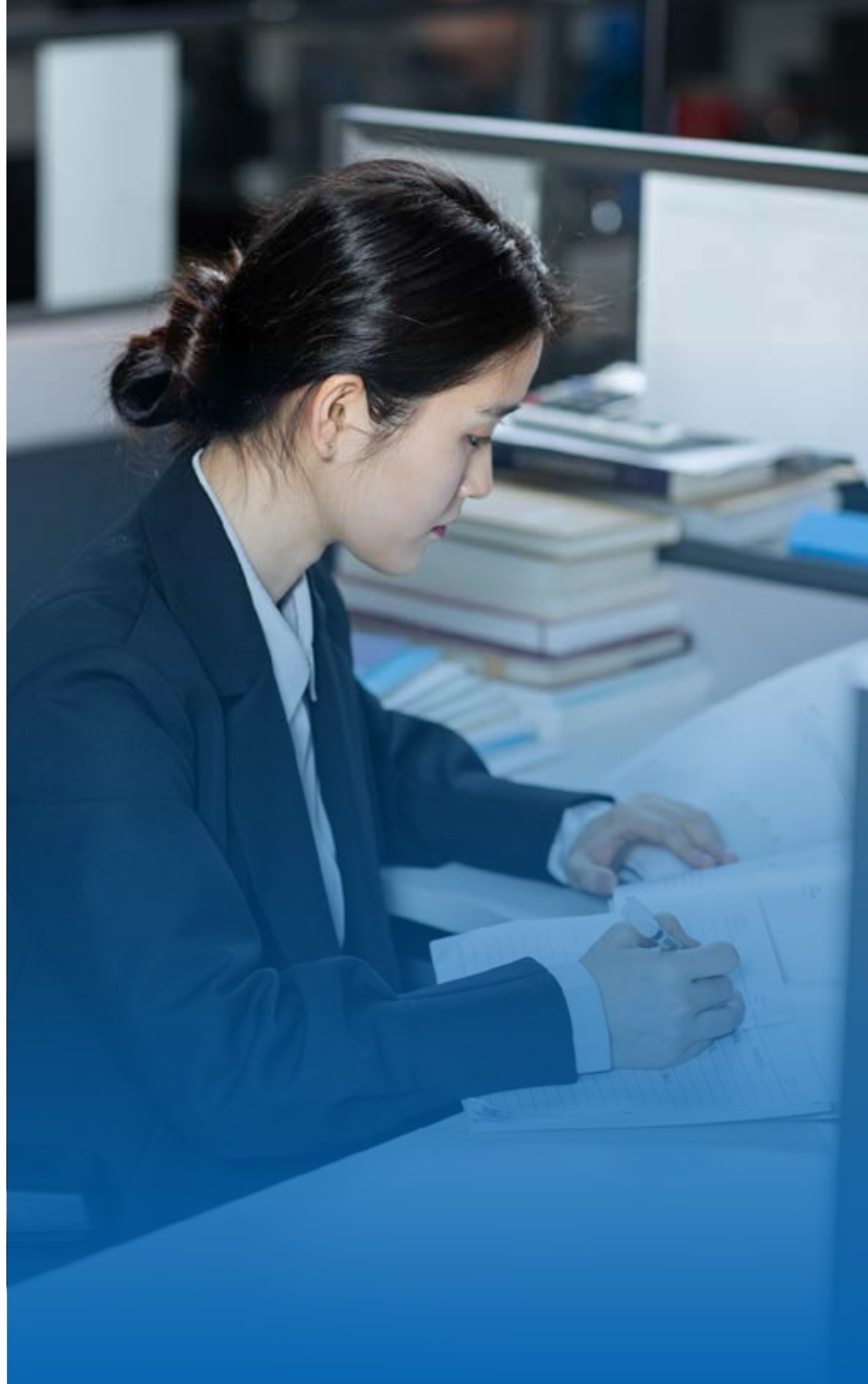
At the start of each quarter, the purchasing center worked with relevant departments such as procurement, quality, R&D, and environmental safety to conduct performance evaluation on core suppliers. Tianma has always considered CSR and environmental irregularities as key risk factors in quarterly supplier performance reviews to ensure that the CSR management status of suppliers meets Tianma requirements. The definition of key issues is: major impact events that may affect the Corporate's acquisition of new projects and maintenance and increment opportunities of old projects, or cause significant impact events such as factory shutdown and major quality, EHS, CSR anomalies. No major CSR issues were found among suppliers during the reporting period.

03 Annual Csr Risk Assessment Of Suppliers:

Each fourth quarter, the purchasing center spearheads efforts with departments like environmental safety, legal affairs and other relevant departments to assess CSR risk for all qualified suppliers in the resource pool. Assessment considers five key areas: industry type, business nature, location, information security and CSR key performance. Results are integrated with the supplier's transaction volume that year to determine appropriate risk management controls for each. During the reporting period, the annual CSR risk assessment has been conducted on all qualified suppliers in the resource pool, of which 22 will be included in the supplier CSR on-site audit plan in 2023.

04 Supplier Csr Audit

The Purchasing Center formulates a CSR audit plan for the next year according to the results of the annual CSR risk assessment and resource strategy, and regularly supervises and controls the implementation of supplier CSR. During the reporting period, Tianma evaluated the CSR work risks of all qualified suppliers in the resource pool from multiple aspects of labor, health and safety, environment, business ethics and management system using an on-site audit, online evaluation and network search, and promoted suppliers to improve their implementation. Among them, third-party auditors were organized to conduct on-site audits on 18 suppliers, and issue rectification requirements for non-conformities to each supplier, assisting suppliers in developing corrective measures, providing remote consultation and guidance, and verifying the rectification status. The CSR risk level of 89% of suppliers was significantly reduced. During the reporting period, there was no violation or significant risk of supplier employees exercising their right to freedom of association or collective bargaining; No major child labor risk incidents were found in the supplier; The Corporate has not identified if the Supplier has any significant risk of forced or compulsory labor. During the reporting period, the number of suppliers identified as having actual and potential significant negative social impacts through audit was 0.



Topic 1: Material Cyclic Utilization/ Recycling

In response to calls for energy efficiency and emissions reduction from the government and Corporate, the Purchasing Center worked with suppliers to promote material recycling and recovery, scientifically improving material utilization and reducing solid waste generation. Tianma systematically identified materials suitable for recycling, defining standards and procedures to properly utilize and recycle them. Suppliers signed agreements to participate.; Tianma has been committed to working with all Tianma suppliers to create a friendly supply chain with green environmental protection, low carbon and energy saving.

In 2022, Tianma realized the recycling of blister trays 2.7 million times, indirectly reducing more than 600 tons of solid waste emissions; EPP box realizes 320,000 recycling through cleaning and reuse, reducing a large amount of resource waste. In terms of waste recycling, the recovery of PVC gloves saves RMB 180,000, the recovery of nitrile gloves generates RMB 470,000, and the recovery of solder splash generates RMB 1.01 million.

The blister trays are recycled

270 million times

Indirectly reduce solid waste emissions by more than

600+ tons

EPP box is recycled

32 million times

Recycling PVC gloves saves

180 thousand yuan

Recycling PVC gloves saves

470 thousand yuan

Recovery of solder splash generates

1.01 million yuan

Topic 2: Supply Chain EHS Management

Compliant operation and green supply. The Corporate attaches great importance to the management constraints of the supply chain, gives full play to the influence of its industry leaders, actively affects and drives suppliers to undertake more social responsibilities for environmental protection, and encourages suppliers to make continuous improvements in environmental protection, safety and occupational health another aspects. Regularly conduct comprehensive on-site EHS audits of major suppliers at the next level, evaluate the safety and environmental protection risks of supplier enterprises from the aspects of legal operation, law-abiding emission and law enforcement, and include the findings in the audit process in the annual evaluation of suppliers, to promote the continuous improvement of suppliers and form a benign relationship with the whole supply chain to make progress at the same time and jointly build a green supply chain.

Customer Relationship

Marketing In 2022

2022.05

2022 SID Online Exhibition in the USA



2022 Tianma Car Corporate Roadshow First Stop-Xpeng Motors



2022.06

Embedded Exhibition in Germany



2022.07

China Automobile Supply Chain Conference



2022 International Conference on Display Technology ICDT



Tianma Media Open Day



2022.08

2022 Tianma Car Corporate Roadshow-Great Wall Motor



China Information Technology Expo (CITE)



The 10th China (Western) Electronic Information Expo



2022.09

2022 Tianma Car Corporate Roadshow -Geely Automobile



2022.11

Electronica, Munich , Germany



China Hi-tech Fair



China International Medical Equipment Expo CMEF



2022.12

2022 World Display Industry Conference



CUSTOMER SATISFACTION MANAGEMENT IN 2022

The Corporate insists on taking customers as the core, continuously optimizes the overall business operation process and continuously improves customer satisfaction. At present, the Corporate mainly serves China, Europe, America, Japan, South Korea, India, and other markets. Our products are widely used in smartphones, car displays, tablet computers, laptop computers, smart wearing, medical displays, industrial control displays, smart homes and many other fields.

To ensure product and service quality meets customer requirements, the Corporate conducts annual customer satisfaction survey every year according to *the Customer Satisfaction Management Procedure* in terms of business communication, new product development support, quality service, delivery and logistics, product and price, and other dimensions. After collecting and summarizing customer satisfaction data, the Customer Service Department is responsible for summarizing, analyzing and outputting reports, submitting them to management review. Improvement initiatives are identified and implemented based on feedback.

The Corporate adheres to the principle of voluntariness, fairness, compensation for equal value, honesty and credibility and has formulated standards such as *the Business Ethics Management System and Customer Development and Management Procedures*. Put an end to unfair competition and malicious dumping, and maintain fair trade. The Corporate strictly prohibits entering into monopolistic agreements and engaging in monopolistic behaviors with competitive operators, and it is strictly forbidden to have business relations such as transactions and cooperation with non-compliant units and organizations that seriously violate business ethics. The process of dealing with customers is based on the principle of fair trade, and within the transaction requirements, it is prohibited to deceive customers and coerce customers to reach transactions. At the same time, protect customer information and privacy, develop together with customers and achieve win-win results. During the trading process, the Corporate isolates the production R&D management process from the transaction execution process improves the fair trading standards and ensures that different customers enjoy fair trading opportunities. The price decision-making organization of the Corporate approves the quotation of the Corporate and the transaction price with customers to ensure fair trading. In addition, for the Corporate's products, we aim to ensure quality and quantity, equal quality and price, and fully respect and meet customer needs, to ensure customer recognition. At the end of each year, each responsible department shall summarize the work status of fair trading for the current year and formulate the work plan for fair trade in the next year. The work summary, work plan and relevant data shall be submitted to the Risk Management Department for review.

In 2022, no legal cases were filed against the corporate related to anti-unfair competition or anti-monopoly laws. No penalties or warnings were issued for violating laws or regulations on marketing, product or service health and safety, product or service information, labeling, advertising, promotions or sponsorships.. Tianma Corporate always adheres to the principle of being customer satisfaction-oriented, wholeheartedly provides leading technical products and high-quality services to customers all over the world, and continuously improves customer satisfaction by continuously optimizing the overall business operation process.



SOME CUSTOMER AWARDS IN 2022

SKYWORTH
创维

Skyworth
"2021 Digital Strategic Partner Award"

Panasonic

Dalian Panasonic Automotive Electronics
"Comprehensive Quality Award"

faurecia
inspiring mobility

Faurecia
"Excellent Supplier"

mindray 迈瑞
生命科技 如此亲近

Mindray Medical
"Excellent Delivery Award"

ResMed

ResMed
"Highly Commended award"

NIO 蔚来

NioAutomobile
"Watch Award"

mi

Xiaomi
"Xiaomi Quality Award" and "Best Cooperation Award"

iKeg Technology

Sequoiacap Technology
"Strategic Cooperation Award"

oppo

OPPO
"Quality Excellence Award" and "Joint Certification Special Award"

OTOS

OTOS WING CO.,LTD
"Excellent Supplier of 2021"

SONY

SONY
"Stable Quality Stable Supply Certificate of Appreciation"

TRANSSION
传音控股

TRANSSION Vioce Holdings
"Outstanding Quality Performance Award"

vivo

vivo
"Excellent Quality Award"

ZEBRA

Zebra
"2022 Zebra's Top Supplier Award"

ZOLL

Zoll Medical
"Heart-Safe Hero Award"

Topic: Customer Information Security

For customer information security, the Corporate mainly focuses on safeguarding confidential client projects through information security controls and management.. Customer information security and confidentiality requirements generally include nine aspects: information security management system, physical environment management, personnel management, information asset management, IT system management, customer information asset transfer process management, production area management, confidential material management and secondary supplier management. Within the Group, these areas are addressed to ensure security for confidential client projects. According to the customer requirements and internal information security management requirements, Tianma has established ISO27001 information security management system, and the whole group has passed the annual audit certification and obtained certificates.

In 2022, the customer evaluated well, passed the customer information security audit, and found no confirmed complaints. Strictly abide by customer information security management requirements in information security construction, implement them internally, communicate with customers promptly during the process of customer information security management, manage according to customer requirements, and eliminate all violations. The customer complaint rate is 0.



FOR THE COMMUNITY

Positive Feedback and Selfless Dedication

KEEP THE ORIGINAL INTENTION AND BEAR THE MISSION TO CONTINUE EMPLOYMENT ASSISTANCE

In 2022, the Corporate continued to promote the employment poverty alleviation policy, receiving a total of 81 students from poverty-stricken areas such as Haiyuan County in Ningxia and Dingxi County in Gansu to practice in the Corporate, and recruiting 2,338 people from poverty-stricken areas to provide labor assistance.

The Corporate continues to promote school-enterprise cooperation in poverty-stricken areas, relies on the existing training bases to provide relevant cultural and skills training for local students, and carries out accurate education and poverty alleviation work in realizing employment using curriculum co-construction and training rooms, thus building a stable and promising employment road for students in poverty-stricken areas. In addition, the Corporate actively participated in the public welfare undertakings of rural student aid and carried out student assistance activities for Zhendong Complete Primary School in Longling County and Xiaojiaping Primary School in Luoyan Township, Zhaotong City, Yunnan Province.

School-enterprise Cooperation

School-Enterprise Activities Open-Day

To actively implement the relevant measures to stabilize job opportunities and increase employment, effectively solve the employment difficulties of fresh graduates, and strengthen communication between universities and enterprises, the Corporate signed up for the school-enterprise open day activities. At the activity, 21 teachers and 30 student representatives from Tsinghua University, Wuhan University other universities nationwide participated. During the activity, the Corporate signed agreements with Hefei Polytechnic University, Changchun University of Science and Technology, Fuzhou University and other universities on school-enterprise cooperation personnel training and college students' employment practice base, and establish a strategic cooperation framework. Both schools and enterprises will conduct in-depth discussions on the collaborative model between university education and enterprise development, and establish a platform of talent workstations and a talent exchange.



To deepen cooperation with universities in Fujian Province, the Corporate has held a total of 9 school-enterprise exchange meetings this year, including Xiamen University, Fuzhou University, Overseas Chinese University, and other key universities. The exchange meeting includes Corporate introduction, campus recruitment policy introduction, exhibition hall visit, workshop site discussion and exchange, etc. Through the visit and communication, the understanding of the display industry and our Corporate's main business has been improved among school teachers and students. In addition, this year, the Corporate signed school-enterprise cooperation agreements with five key universities in Fujian Province, including Xiamen University, Fuzhou University and Overseas Chinese University, to build an internship training base. During the period from July to September, more than 30 junior students from Xiamen University, Jimei University and Overseas Chinese University were organized to go to the Corporate for 2-3 internships. Through summer internships, excellent students were identified in advance, and excellent students were maintained and retained, to reserve excellent students in advance for the 2023 school recruitment.

school-enterprise
exchange meetings

9
Times

the Corporate signed school-
enterprise cooperation
agreements with

5
Key universities

School-Enterprise Co-Construction

In 2022, the Corporate visited nine schools that established school-enterprise cooperation with Xiamen Tianma, and discussed the education of Tianma employees' children. During the activity, Xiamen Tianma donated 325 sets of red education books designated by the Ministry of Education for primary and secondary schools and more than RMB 400,000 of special sponsorship funds for teaching tools to 9 schools jointly built by the community.

All schools expressed their gratitude to Xiamen Tianma for its visit, condolences and teaching materials, and the children were very happy to receive the books donated by Tianma. The issue of employee children has always been a major concern for Corporate leaders regarding the livelihood of employees. Solving the schooling of employees' children and paying attention to employees' lives is also an important part of the Corporate's development strategy.

Over the years, the Corporate has always adhered to the Corporate culture spirit of actively practicing Corporate responsibility and improving the happiness index of employees, and increased investment in creating an atmosphere of happy work and happy life for employees, aiming to effectively solve practical problems for employees of the Corporate, eliminating worries in life and truly achieving a happy life.

325

sets

of red education books,
designated by the Ministry
of Education for primary and
secondary schools,were donated

The special sponsorship fund
for teaching equipment is
more than

400+

thousand
yuan

Serve The Community and Take Care of The Environment

Corporate Headquarters

o Beautiful Baolong, wonderful transformation

In April 2022, Tianma actively supported the the community initiative of “Beautiful Baolong, Wonderful Transformation”, renewed and upgraded the vegetation around the entrance and exit of the park and the main areas, introduced characteristic varieties according to the actual situation, enriched the color level, and made it more ornamental and artistic as a whole. Paving garden roads and constructing street parks to provide leisure space for employees. External building walls and floors were renovated to significantly improve work environments. The industrial park took on a new refreshed appearance as the transformation of its environment moved ahead.

o Energy Saving and Emission Reduction, Green Development

In 2022, the Corporate headquarter has invested a total of over RMB 6.76 million (some projects are implemented across the year) for ecological environment protection, energy conservation, and emission reduction, carried out two large-scale energy conservation and emission reduction projects, and adopted a series of management energy conservation and emission reduction measures. After the implementation, it is expected to reduce energy consumption by approximately 61.5 tons of standard coal equivalent per year, the tap water will be saved by about 660 tons per day, and the wastewater discharge will be reduced by about 880 tons per day. In 2022, the headquarters of the Corporate entrusted a third party to conduct an energy audit, which passed the review of the Shenzhen Industry and Information Technology Bureau.



TIANMA, Xiamen

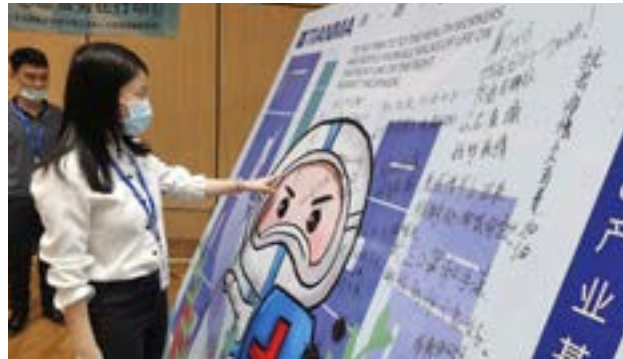
◦ Protect the environment and create civilization together

To create a beautiful Xiamen and contribute to Xiamen's creation of a national civilized city, the Third Party Branch of the Panel Factory organized Party members to carry out environmental protection-themed party day activities. The branch secretary led the branch party members to arrive at Xiatawei Wetland Park, distributed garbage bags and gloves to each member at the event site, and divided the branch members into two groups to carry out garbage picking activities around the open parking lot and inside the park. Everyone is enthusiastic, united and cooperative, carries forward the excellent style of not being afraid of being dirty and tired, and cleans the park with their own hands. The Little Red Riding Hood scattered in all corners has become a beautiful landscape in the park. Party members and comrades not only beautify the environment with their hands but also raise their awareness of environmental protection.



◦ Fight the epidemic and volunteer to walk together

Tianma Labor Union and Human Resources Department simultaneously carried out the condolence activities of "Volunteer Epidemic Prevention Vanguard". At the inoculation point of the COVID-19 vaccine of the Corporate, the condolence representatives of Labor unions, human resources and Huan'an cordially expressed condolences to the volunteers working on the spot and expressed their lofty greetings and heartfelt thanks to them. We extend our deepest thanks to the volunteers steadfastly fighting on the front lines of epidemic prevention, who toil day and night in extreme heat without respite. We urge them as they diligently carry out their work to also be mindful of their safety, take measures to protect themselves, and look after their health. "Those who are touching, the love is the first one; Those who move their hearts, the action is the first one." It is precisely because Tianma has such a group of most beautiful guardians who interpret Tianma spirit with practical actions that we have the current safe working environment.



WUHAN TIANMA

◦ Open space management for a new look

Wuhan Tianma is located in an open area near Liufangyuan Cross Road and Liufangyuan Middle Road, which is low-lying and overgrown with weeds. There are many fires in summer and autumn every year, posing significant safety hazards. To completely solve these problems and eliminate potential safety hazards, Wuhan Tianma has increased efforts to carry out rectification, effectively manage by repairing walls, increasing monitoring, allocating security personnel, etc., and carrying out site leveling and garbage cleaning in this area, so that the area has taken on a new look.



◦ Limit electricity and stop production, making electricity more accessible to the people

This August has seen a rare sustained heat wave of over 40 degrees in the whole country. On August 15, 2022, the power supply load in Hubei Province hit a record high, with a shortage of 1.5 million kilowatts in the province. In response to the call of the government and power supply companies to curb electricity, Wuhan G4.5 actively cooperated. Production schedules were optimized, generators supplied dormitory blocks, chilled water systems were adjusted, and unnecessary lighting and AC in factory and residential areas were shut off, reducing the power load of 8000KW, and fully supporting the government, ensure the electricity consumption of social residents, and effectively fulfill the social responsibility of enterprises.

Shanghai Avic Optoelectronics

◦ Voluntary haircut into the community, convenience service warms people's hearts

Module branch, box branch and quality branch are jointly built and paired with Shenyi Community, Ping'an Road Community and Tianheng Famous City Community in the industrial zone, and occasionally come to the community from time to time to provide convenient services and provide haircuts and other services for the elderly in the community.



◦ Carry out civilized traffic duty and show the style of volunteer service

To create a civilized city, under the leadership of Xinzhuang Industrial Zone every year, Party members of the Corporate are organized to participate in traffic duty. In the hot summer of September, the four Party members still insisted on going to Yindu intersection of Humin Road during working days to assist the traffic police in directing the orderly traffic of vehicles and pedestrians during rush hour.



◦ Help vaccination and build an immune barrier

When the epidemic strikes, at the beginning of the year, Party members and youth were organized to act as publicity volunteers for the third vaccination, helping the residents in the park and migrant workers to get vaccination guidelines and APP operation, and helping the successful completion of the third vaccination.



◦ Greet and send to cool and refreshing in hot weather, affection at the grassroots level moves people's hearts

During the high temperature period of this year, module branch, box branch and quality branch went to the front line of the community to express comfort community workers, carry out mutual assistance activities and practice the corporate social responsibility.



◦ Deep care warms people's hearts, and condolences are sent during Chongyang Festival

The beauty of sunset knows no bounds, as does human affection for life's later years. On the Double Ninth Festival, in order to promote the traditional virtue of respecting and loving the elderly of the Chinese nation, in September 2022, Shanghai Tianma Party Committee and Yonghong Village, Hongxing Village, Qingxing Village and Qingfeng Village Party organizations organized the Double Ninth Festival greeting activities to send holiday blessings to the old people.

◦ Spring is the best season of the year, planting trees and adding greenery is the right time.

To deeply implement the green development concept of "Lucid waters and lush mountains are invaluable assets.", effectively strengthen the construction of ecological environment protection, enhance the awareness of Party members and the masses to protect the environment, and enhance the cohesion, on March 12th, Arbor Day, the Party General Branch of Yonghong Village in Heqing Town and the First and Second Party Branches of Tianma in Shanghai jointly carried out the co-construction activities of "planting trees and adding new green trees" and the themed party day activities.

◦ Send coolness on hot summer days and pay tribute to anti-epidemic volunteers

In order to further care for the community and the anti-epidemic workers at the Heqing Health Center, in August 2022, Tianma, Yonghong Village, Hongxing Village, Qingxing Village, Qingfeng Village and Health Center carried out the activity of sending coolness at high temperature, expressing condolences to community workers and nucleic acid volunteers who held their posts during the hot summer, and bringing them care and warmth.



Shanghai TIANMA

Chengdu TIANMA

◦ Dating spring, embracing green

In early March when spring stirs, grasses sprout and orioles sing. March 12th marked the 44th National Compulsory Arbor Day in China. Chengdu Tianma Party members' representatives and volunteer teams worked together to advocate for the concept of green civilization, strengthen the awareness of ecological and environmental protection, and organized a series of Arbor Day activities with the theme of "A Spring Date with Green". The seedlings are arranged in rows, well arranged and showcasing vitality in the bright spring light, adding new vigor and vitality to the park in early spring.



◦ Send blessings to women fighting against the epidemic

On March 8 International Women's Day, under the leadership of the Party Working Committee of Chengdu High-tech Zone, Chengdu Tianma Labour Union funded and led labor union representatives and league members to send a holiday greeting to Shiyang Health Service Center, Community Service Center, angels in white and community workers who stood firm in the front line of the epidemic.



Antiepidemic Topic

Facing the COVID-19 pandemic in 2022, the Corporate has always adhered to the overall prevention and control strategy of "preventing external input and internal rebound", implemented the general policy of "dynamic zeroing", adhered to *the Novel Coronavirus Pneumonia Prevention and Control Plan (Ninth Edition)*, and strengthened "coordinated prevention of people and objects". Continue to do a good job in the normalization and scientificization of epidemic prevention and control, carry out prevention and control work more scientifically and accurately, and strengthen epidemic prevention and control to effectively protect employees' health and safety.

The Corporate earnestly fulfilled the main responsibility of epidemic prevention and control, regularly held epidemic prevention and control meetings, followed up and updated the latest national and local epidemic prevention policies, adjusted the Corporate's epidemic prevention strategies in time, and formulated and improved epidemic prevention and control emergency procedures. The Corporate strictly implemented various normalized epidemic prevention measures such as grid management, health code, travel inspection, body temperature monitoring, visiting audit, environmental disinfection, publicity and education, and preparation of epidemic prevention materials, so as to strengthen the organization and discipline of epidemic prevention and control work.

The Corporate established an intelligent epidemic prevention management platform to accurately grasp personnel dynamics. Advocate reducing visits to densely populated areas, conducting post return reviews, and cooperating with local epidemic investigation, nucleic acid testing, medical observation, and other measures. The Corporate strengthened the inspection and control of epidemic prevention for external personnel entering the factory, and strengthened personal health protection and monitoring. The epidemic prevention strategy were strictly followed: wear masks, wash hands frequently, ventilate more, go out less, and keep a safe social distance. The Corporate strengthened the prevention and control of key places, and "prevent human and articles". The Corporate strengthened the environmental disinfection of key places such as canteens, cold storages and garbage spots, and the work protection and health management of key personnel such as cross-border vehicle personnel, cold chain and catering employees, security, cleaning and other key personnel.

The Corporate closely monitored development of the epidemic and makes full preparations for epidemic prevention and control. Implemented detailed measures and safeguards to ensure the health and safety of personnel, adhered to the principle of openness and transparency, and promptly disclose the latest trends, policies and measures and work progress of epidemic prevention and control to the public. Strengthened the publicity of scientific prevention and control measures to boost employee confidence.

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ASSOCIATIONS AND ORGANIZATIONS JOINED

The Corporate has beenactively involverd in standardization organizations including relevant national standards, industry standards and alliance standards. In 2022, the Corporate became the vice chair unit of National Technical Committee 547 on Electronic Displays of Standardization Administration of China (SAC/TC547) and the member unit of National Technical Committee 203 on Semiconductor Equipment and Materials of Standardization Administration of China(SAC/TC203). Through leading and participating in reviewing multiple national and industry standards via the above standardization organizations, the Corporate enhanced its leadership in new display technology and further solidified its position in the industry.

CODA of China Optics and Optoelectronic Manufactures Association	Executive Vice President
China OLED Industry Alliance	Co-Chairman
China Electronic Chemical Materials Industry Alliance	Executive Director
China Association for Public Companies	Member Organization
China Association of Automobile Manufacturers	Member Organization
China Association of Automobile Manufacturers-Vehicle Instrumentation Committee	Council Member
China Display Industry Metrology and Measurement Alliance	Vice Chairman Organization
National Technical Committee 547 on Electronic Displays of Standardization Administration of China	Vice Chairman
National Technical Committee 203 on Semiconductor Equipment and Materials of Standardization Administration of China	Member Organization
Telematics Industry Application Alliance (TIAA)	Council Member
Industry of Virtual Reality Alliance	Member
MicroLED Ecological Alliance	President
Federation of Shenzhen Industries	Vice President
Shenzhen Flat Panel Display Industry Association	President
Shenzhen Hi-tech Industry Association	Ordinary member
Shenzhen Optoelectronic Display Industry Patent Alliance	Ordinary Member
Shenzhen Public Companies Association	Council Member
Shenzhen Advanced Manufacturing Federation	Vice President
Shanghai Optoelectronics Trade Association	Vice President
Collaborative Research Committee of the Next Generation Interactive Display in Electrical Science Phase II	Member
Shenzhen Quality City Promotion Association	Member
Pudong Optoelectronics Industry Association	Vice President
Xiamen Electronic Information Industry Chamber of Commerce	Vice President
Xiamen Intellectual Property Association	Vice President
Shanghai OLED Industry Alliance	Vice Chairman
Shanghai Intelligent Manufacturing Industry Association	Ordinary Member
Xiamen Investment Association of China'a Central Enterprise	Member
Industry Federation Xiamen Torch Development Zone for High-tech Industries	President
Xiamen High-tech Development Association	Ordinary Member
Intellectual Property Alliance of Optoelectronic Display Industry in Xiamen City, Fujian Province	Council
Xiang'an District School-enterprise Cooperation Alliance	Council
Hubei Semiconductor Industry Association	Council
Chengdu New Display Industry Association	Vice President
Chengdu Electronic Information Industry Alliance	Ordinary Member
SID Program Committee	Member
SID Japan Chapter Advisory Committee	Member
IDW(International Display Workshops)	Member
AM-FPD(Workshop on Active-Matrix FlatPanel Displays and Devices)Steering committee	Vice Chairman
AM-FPD(Workshop on Active-Matrix FlatPanel Displays and Devices)Program committe	Member
SSDM(International conference on solid state devices and materials)Program committee	Member
Education, Culture, Sports, Science and Technology is engaged in the field of science and technology	Ministry

The third generation of the Institute of Science and Technology, the next generation of the Institute of Science and Technology, and the members of the Research Committee	Member
Self-motivated members of the Royal Society	Member
Japan COMMANY COMMANIZATION COMMANIZATION	Member

GLOSSARY OF TERMS

Term	Notes
GRI	Global Reporting Initiative 全球报告倡议组织
AMOLED	Active Matrix/Organic Light Emitting Diode 主动矩阵有机发光二极管面板
Mirco-LED	Mirco Light Emitting Diode 微发光二极管
PPI	Pixels per inch 像素密度
CFOT	Color Filter On TPOT 在触控（TPOT）之后沉积彩膜
FOD	Fingerprint on display 屏下指纹
CUP	Camera under Panel 屏下摄像头
LCD	Liquid Crystal Display 薄膜晶体管液晶显示屏
CUP-LCD	Camera under Panel LCD 屏下摄像头显示屏
HMI	Human Machine Interface 人机界面
LTPS	Low Temperature Poly-silicon 低温多晶硅
ICDT	International Conference on Display Technology 国际显示技术会议
CSR	Corporate Social Responsibility 企业社会责任
EHS	Environmen 环保、Safety 安全、Health 职业卫生，环安卫的简称
HSF	Hazardous substances free 有害物质减免
EPP	Expanded polypropylene 聚丙烯塑料发泡材料
KWH	kiloWatt-hour，计量用电的单位千瓦时的符号，1kW*h=1 度
AED	Automated External Defibrillator 自动体外除颤器
WQXGA	WideQuadExtendedGraphicsArray 宽屏笔记本屏幕

READER FEEDBACK FORM

Dear Readers：

Hello! Thank you for reading Tianma's Corporate Social Responsibility Report 2022. Tianma thinks highly of your opinions and suggestions. Please feel free to advise! Thank you very much!

Tianma Microelectronics Co., Ltd.
March 2023

Report appraisal	Balance	Comparability	Accuracy	Timeliness	Reliability	Definition
About Us						
Social responsibility and accountability						
Appendix						

Note: Each evaluation index is divided into 5 grades, 1 is the lowest score and 5 is the highest score

Name：

Work Unit：

Contact telephone：

Email：

Your expectations for the next report：

For details, please refer to the *Corporate's Annual Report 2022*

This report is available in both online and printed versions

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