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This document may contain forecast information, including but not limited to information about future finance, operation, product series, new technology, etc. Because there are many uncertain factors in practice, the actual results may be very different from the predicted information. Therefore, the information in this document is for reference only and does not constitute any offer or acceptance. The above information may be modified without notice.

Corporate Social Responsibility Report

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TIANMA MICROELECTRONICS CO., LTD.

**Corporate Social
Responsibility Report 2021**

March 2022

ABOUT THIS REPORT

Content Definition: This report is based on the principles of the Global Reporting Initiative (Global Reporting Initiative, "GRI" in short) substantiality, stakeholder participation as well as sustainability development background. We have identified the major stakeholders following a comprehensive analysis and evaluation of the business operating environment. We have communicated and conducted dialogues with stakeholders through a questionnaire 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, including the corporate social responsibility concept, practice and performance of all entities within the scope of the 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 prepared in reference to a core plan of the Global Council for Sustainable Development Standards .“GRI Sustainability Development Reporting Standard” (GRI in short). By means of site investigation, employee interviews and material consultations, it confirms the statistical scope of information reported and completes the collection means and computing methods. This report also refers to the contents of United Nations Sustainable Development Goals (SDGs).

Report Statement: The Company and all members of the Board of Directors guarantee that the content of the disclosed information is true, accurate and complete, and there is no false record, misleading statement or major omission.

Tianma Microelectronics Co., Ltd. (hereinafter referred to as Shen Tianma, Tianma, the Company or We); and the Shenzhen Production Line (Company Headquarter in short)

Shanghai Tianma Microelectronics Co., Ltd. (Shanghai Tianma or Shanghai G4.5 in 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 OLED Technology Co., Ltd. (Tianma OLED in short)

Hubei Changjiang New Display Industry Innovation Center Co., Ltd. (Innovation Center in short)

Xiamen Tianma Display Technology Co., Ltd. (TM18 in short, a joint venture)

Remarks: “Five locations and seven companies in China” in this report stands for: Company Headquarter, Chengdu Tianma, Shanghai Tianma, Shanghai AVIC Optoelectronics, Wuhan Tianma, Xiamen Tianma and Tianma OLED.

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About Us

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Company Overview

Registered Address

Room 1918, Tianma Building,
LiuxianAve., North Station Community,
Minzhi Street, Longhua District,
Shenzhen City

Company Headquarters
Office Address

Building 64, Majialong Industrial City,
Nanshan District, Shenzhen

Date of Registration

November 8,1983

Company Type

Company limited by shares(Listed)

Industry Involved

Computer, communications and
other electronic equipment
manufacturing

Product Type

Display screen and display module

Total Market Value

As of December 31, 2021, the total
market value of the Company is RMB
32 billion

Stock Exchange

Shenzhen Stock Exchange
(Shen Tianma A; Stock
Code:000050)

Business Scope

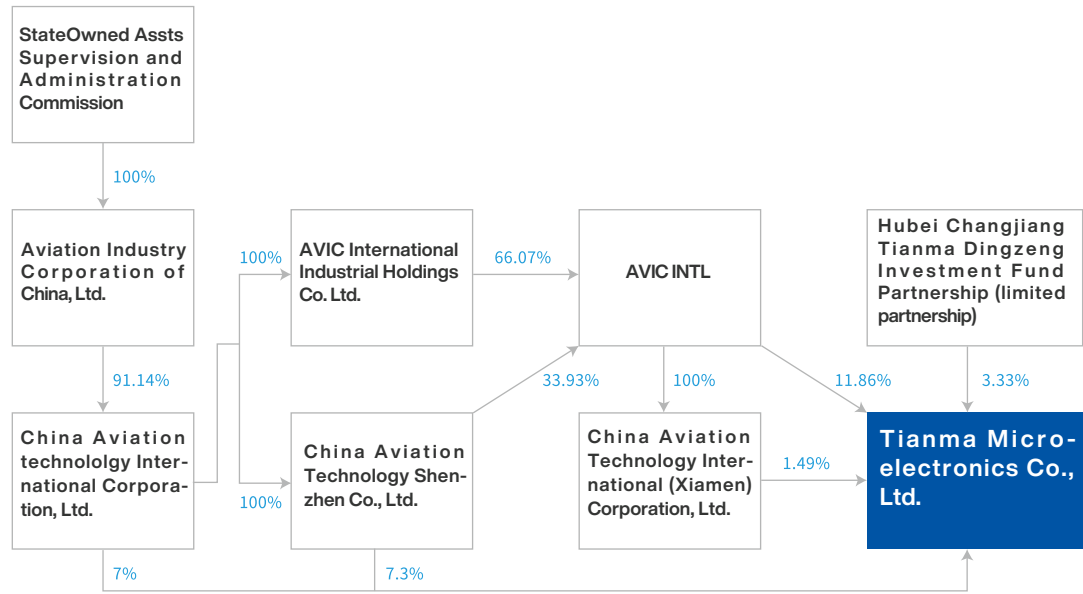
IT service, consultation service; agent sales and procurement of displays and relevant materials (limited items excluded); rental of equipment (excluding financial rental); rental of self-owned properties; import/export business (except items banned by the laws, administrative regulations and the State Council. Limited projects must be operated upon receiving the permission); design, manufacturing and sales of LCD and relevant materials, equipment and products; relevant technical development, technical consultation, technical service and technical transfer; and common freight transport.

Main Business

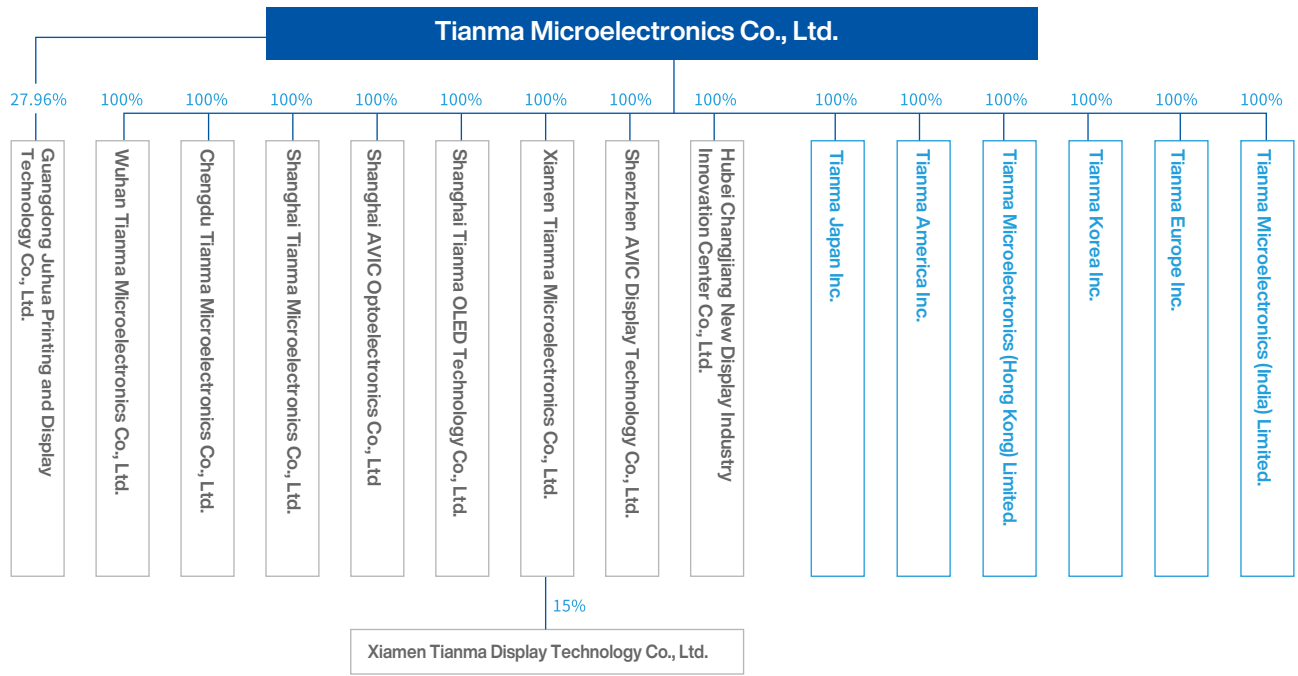
The Company continues to research the field of mid-small size display, focus on the mobile intelligent terminal display market represented by smart phones and smart wearing, professional display represented by vehicle-mounted, medical, POS, HMI, smart home, industrial touch, actively arranges the IT display market represented by the laptops and tablet computers, expands the non-display business based on TFT panel drive technology, and continuously improves the technology, product and service abilities.

(Data as of December 31st, 2021)

Ownership and Control Relation between the Company and Actual Holders



Equity Structure Chart of the Company and Its Subsidiaries



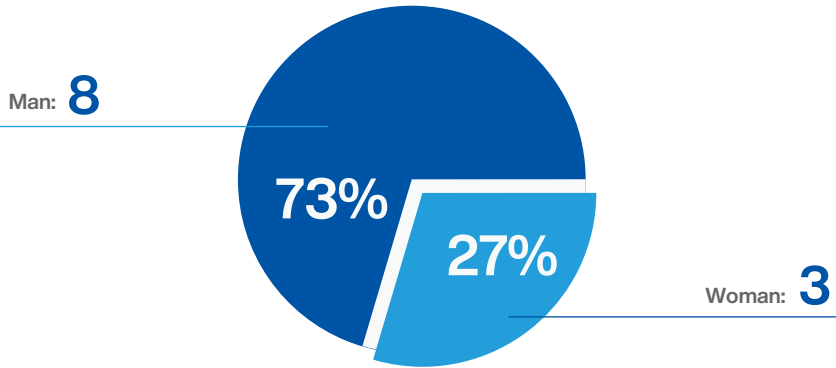
Corporate Governance

In accordance with the Company Law, Securities Law, Governance Standards for Listed Companies and relevant laws and regulations of China Securities Regulatory Commission and Shenzhen Stock Exchange, the Company has formed a corporate governance structure with clear rights and responsibilities between the General Meeting of Shareholders, the Board of Directors, the Board of Supervisors and the Management, effective balances, scientific decision-making and coordinated operation, and continue to improve the corporate governance structure, optimize the "Three meetings and one layer" operation mechanism, and promote the continuous optimization of corporate governance efficiency.

The Company establishes the Board of Directors and the Board of Supervisors in accordance with laws and regulations and the actual situation of the Company. The qualifications of the members of the Board of Directors and the Board of Supervisors meet the requirements of relevant laws and regulations and the Articles of Association; the convening of the Board of Directors and the Board of Supervisors shall be legal and in strict accordance with the Articles of Association; the four special committees of strategy, audit, nomination and compensation, and risk management under the Board of Directors of the Company normally perform their duties in accordance with relevant regulations, providing scientific and professional advice and reference for the decision-making of the Board of Directors. The term of office of the Directors of the Company is three years, and they can be reelected upon expiration of the term. There are 12 members of the Board of Directors of the Company. By the end of this report, there are 11 members (one candidate is not submitted to the stockholders' meeting for deliberation), all members are of Chinese nationality, of which eight are male, accounting for 73%, and three are female, accounting for 27%.

The Senior Management of the Company 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 Company, manage the Company's economic, environmental and social issues, conscientiously implement the resolutions of the Board of Directors, and consciously accept the supervision of the Board of Supervisors.

The composition of the board of directors of the company:



Production Lines and Marketing Networks

The Company is an innovative technology enterprise providing display solutions and fast service support all over the world. It is deeply engaged in the field of mid-small size display, and has established a global marketing network in main countries and regions, such as Europe, the United States, Japan, South Korea, India and Hong Kong, so as to provide customers with a full range of customized display solutions and fast service support. The customers of the Company are classified according to the application scenarios of the products, mainly including mobile smart terminal customers (mobile phones, tablet computers, laptops, smart wearing, etc.) and professional display customers (vehicle-mounted, industry and medical treatment, etc.).



Technological Innovation and Leadership

Tianma is mainly engaged in the field of mid-small size display and continues to innovate the forward-looking technology. In 2021, the Company focuses on the forward-looking and various technological layouts, has obtained the breakthrough results in the advanced display technologies, including flexible AMOLED, large-area flexible fingerprint recognition, under-screen camera, Micro-LED, and has developed the innovative display solutions in the fields of vehicle-mounted display and high-performance industrial control medical treatment.

Tianma will continue to adhere to the ideas of “innovation and leading”, take 2+1+N strategy as the development direction, continue to enlarge the deep layout of various businesses in the whole world, follow the mission of “creating brilliant and leading the vision”, be technology-based, continue to increase the core competitiveness of the enterprise and advance towards the purpose of being the leading enterprise in the global display field.

2+1+N
creating brilliant and
leading the vision

Technical Strength

Micro-LED

The 7.56" Micro-LED developed by Tianma has won the 2021 CITE "Innovation Award of the 9th China Electronic Information Expo" with its excellent technical strength and innovation. The award representative has realized surpassing and leading in the field of Micro-LED competition field.



Flexible AMOLED

Tianma has already arranged the flexible product sector. This flexible screen is a 21:9 folded outwardly shaped full screen with a bending radius of 5mm and a resolution of up to 2592X2176 (420 PPI), and it will be mainly used in high-end folding mobile phones.



Rollable AMOLED (CFOT)

AMOLED display form B presents a rigid, 3D curved, surrounded, foldable, and bendable form. Tianma integrates CFOT technology into the AMOLED curly screen, which reduces the thickness by 30% or above, power consumption by 20% or above, with a smaller bending radius and higher reliability.



Large-area ultra-thin flexible fingerprint recognition (FOD)

Tianma adopts a high-resolution optical sensor based on flexible TFT technology for the first time, realizes the ultra-thin, full-flexible and large-area AMOLED screen fingerprint recognition function by the flexible AMOLED screen of the integrated pinhole imaging system. The integrated pinhole imaging and flexible materials make the sensor thickness less than 0.3mm.



Under-screen camera technology (CUP-LCD)

Tianma CUP technology adopts an innovative structural design to eliminate diffraction, and uses a new independently controllable, local dimming backlight as the light source of the camera area to eliminate the boundary between the camera area and the normal display area, and to realize the switching between display and photography, and a better true full-screen experience is brought to the consumers.



Vehicle display- T-shaped car model

In the field of vehicle display, Tianma has developed a variety of display screens for vehicle applications, including instrumentation, central control, rearview mirror, head-up display, intelligent cockpit integrated large screen, etc. The T-shaped car model including six core technologies developed by Tianma aims to provide a more intelligent driving experience for the intelligent, networked, electrified and shared vehicles.



Industrial products-P series

The industrial products developed by Tianma mainly serve the pure industrial and medical markets. For the different needs of customers for brightness, contrast and reliability, Tianma has planned three levels: Advanced, Basic, and Entry, launched products - P series that are more in line with market requirements in combination with the advantages of its products. Advanced products have the characteristics of high brightness, long life and high shock resistance, and are mainly used in aviation entertainment, navigation, construction machinery and other market fields. Basic and Entry products are mainly used in market segments, including medical treatment, HMI, POS/ATM and Amusement.



Display product with high refresh rate

Tianma has taken the lead in developing a 15.6-inch high-definition LTPS display with a frequency of up to 360 Hz and a response time of 3ms. By adopting a new TFT device design and film structure, this product challenges the ultra-high frequency charging time limit. With high refresh rate and algorithm optimization, it has achieved a fast response time of 3ms, so that high-speed moving pictures have no poor display effects such as smearing and ghosting, the picture is clear and smooth, and the product has won the ICDT 2021 Best Display Product Gold Award.



Smart medical

The 19-inch ACRUS display screen developed by Tianma for intelligent diagnosis and monitoring has a contrast ratio of up to 200,000:1. It is currently the LCD display with the highest contrast ratio in medical regulations, and greatly meets the high contrast requirements of diagnosis and endoscopy. It has provided high-standard solutions for the smart medical monitoring products and is actively promoted in the global market.





2021 Tianma Product Awards

April 2021

- Tianma 7.56" Micro-LED won the Innovation Award at the 9th China Electronic Information Expo.
- Tianma won the SID2021 Best Interactive Display Award.



May 31-June 2, 2021

From May 31 to June 2, 2021, the 2021 International Display Technology Conference (ICDT 2021) was held in Beijing Yichuang International Convention Centre. In the selection of China Display Industry Awards (CDIA) held concurrently by ICDT, Tianma won 6 gold awards and 2 silver awards, which achieved the best performance in the history of Tianma participating in the CDIA awards of ICDT display technology conference. The awards are as follows:

- Gold Award for Best Innovative Display of the Year (7.56" Flexible Micro-LED Display)
- Gold Award for Best Innovative Display Application Technology of the Year (5.84" Dual-screen Display and 7.56" Transparent Display)
- Gold Award for Best Display Module Component Product of the Year (BLU Positive Group 2.8)
- Gold Award for Best Display Application Product of the Year (Antibacterial Display Module Product)
- Gold Award for Best Display Product of the Year (15.6" FHD UHF 360Hz+3nis Display)
- Silver Award for Best Innovative Display of the Year (6.67" TDDI 180 FPS Display)
- Silver Award for Best Innovative Display Application Technology of the Year (Diffraction-free Full-screen LCD Camera Module)

June 29-July 2, 2021

- Tianma was invited to participate in the China (Shanghai) International Display Industry Summit Forum and Application Innovation Exhibition (DIC EXPO), and won 2 gold awards and 3 silver awards in the first DIC AWARD Global Display Technology Innovation Awards held in this year.



June 30-July 2, 2021

- The DIC exhibition was held in the Shanghai New International Expo Center. Tianma 7.56 flexible Micro-LED display won the DIC AWARD 2021 Device Innovation Gold Award by virtue of its excellent technical strength and innovation; Tianma 7.56 transparent Micro-LED display won the DIC AWARD 2021 Device Innovation Silver Award; and Tianma 5.84 Micro-LED and electronic paper dual-screen display won the DIC AWARD 2021 Device Innovation Silver Award.



Company Strategy

The Company has a complete development planning management system, pays attention to the changes in the macro- economic situa- tion, has insight into the development trend of the industrial chain, and conducts research on business ecology and symbiosis, identify new business model space and strategic space; hold strategic seminars, analyze market, customer, product, technology and competition pat- tern, and organize strategic plan update continuously, formulate strate- gic objectives, strategic implementation paths, business models and strategic initiatives, and decompose them into functional departments; formulate annual business plans, and focus on key points, match resources, ensure the achievement of organizational performance; at the same time, supervise and evaluate the implementation of the strat- egy to ensure the implementation of the Company's strategy.

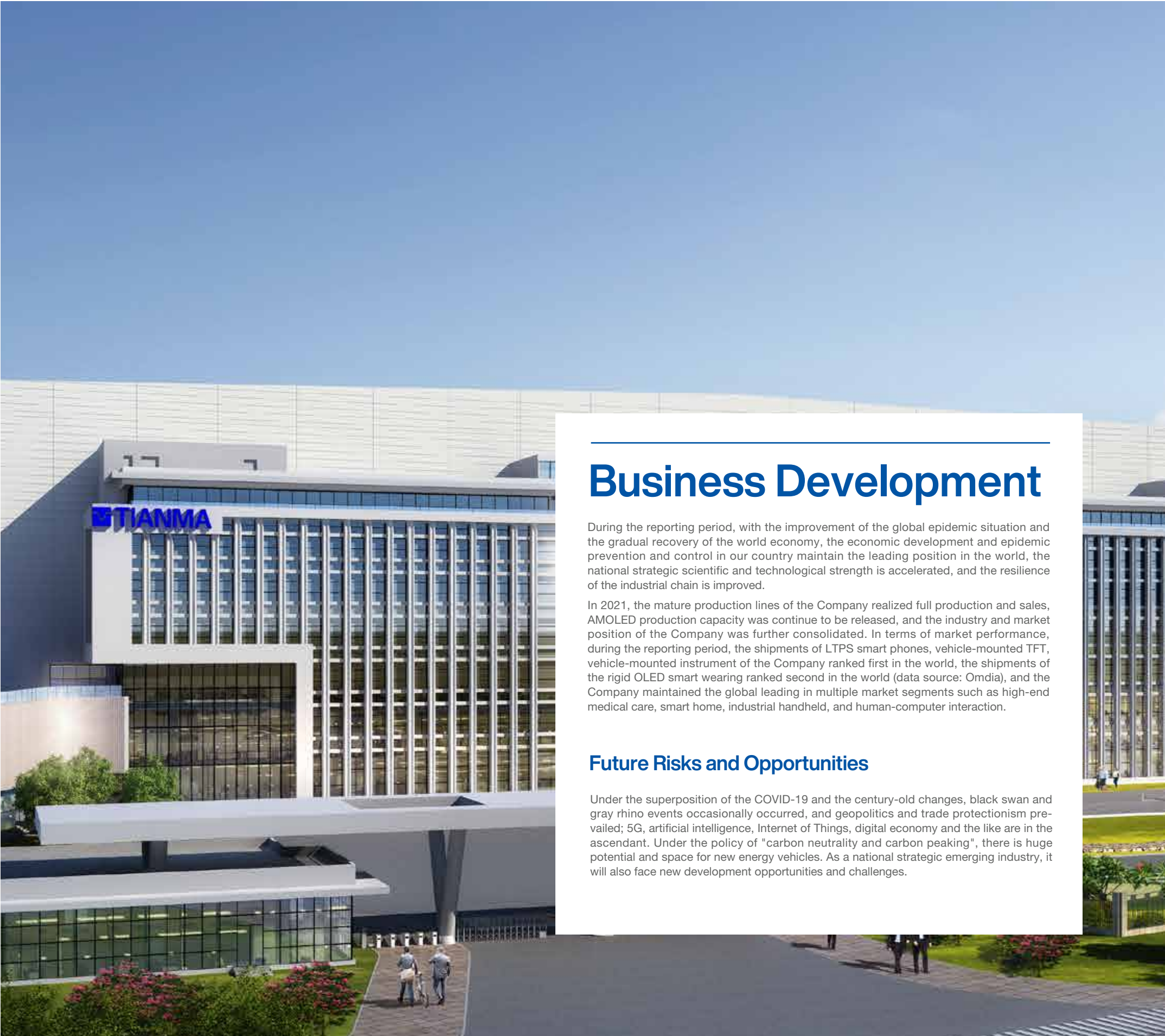
Company's strategic goals for the next year

- a-Si mobile phone stable development
- The shipment of LTPS mobile phone keeps number one in the world
- Quick growth of OLED mobile phone business
- The vehicle business keeps number one in the world
- Enlarge to expand the IT display business
- The industrial products are kept number two in the world
- The rigid wearing market accounts for the first

Medium to Long-term Strategic Goals of the Company

In 2021, the Company has planned the future development direc- tion scientifically by organizing the strategic research, so as to clear the medium to long-term strategic goals and confirm “2+1+N” strategy.

<p>Mission of the company</p> <p>creating brilliant and leading the vision</p>	<p>Value</p> <p>passion, efficiency and win-win</p>
<p>Vision</p> <p>to become a global leading enterprise in display industry respected by society and loved by employees</p>	



Business Development




During the reporting period, with the improvement of the global epidemic situation and the gradual recovery of the world economy, the economic development and epidemic prevention and control in our country maintain the leading position in the world, the national strategic scientific and technological strength is accelerated, and the resilience of the industrial chain is improved.

In 2021, the mature production lines of the Company realized full production and sales, AMOLED production capacity was continue to be released, and the industry and market position of the Company was further consolidated. In terms of market performance, during the reporting period, the shipments of LTPS smart phones, vehicle-mounted TFT, vehicle-mounted instrument of the Company ranked first in the world, the shipments of the rigid OLED smart wearing ranked second in the world (data source: Omdia), and the Company maintained the global leading in multiple market segments such as high-end medical care, smart home, industrial handheld, and human-computer interaction.

Future Risks and Opportunities

Under the superposition of the COVID-19 and the century-old changes, black swan and gray rhino events occasionally occurred, and geopolitics and trade protectionism pre- vailed; 5G, artificial intelligence, Internet of Things, digital economy and the like are in the ascendant. Under the policy of "carbon neutrality and carbon peaking", there is huge potential and space for new energy vehicles. As a national strategic emerging industry, it will also face new development opportunities and challenges.

Sustainable Development

CSR mission:	people first, green operation, harmonious and sustainable development of economy, society and environment	
CSR vision:	construct sustainable CSR system, Being the World's Well-Respected Leading Display Company.	
CSR strategy:	develop employee values, promote green and environmental protection, pursue win-win ecology and create a wonderful vision.	



CSR Management

Based on international CSR standards such as RBA7.0, ISO26000, SA8000 and relevant laws and regulations, the Company has formulated CSR Management Manual, Business Ethics Management System, Stakeholder Dialogue System, CSR Evaluation Procedure and other regulations which integrate CSR management system into all aspects of the Company operation. In 2021, the number of CSR trainees of the Company was 20094, and the proportion of new employees reached 100%. The training contents included CSR contents such as labor and human rights, environment, clean operation, information security, prevention of anti-competitive behavior, and sustainable procurement. The Company reviewed the operation of CSR systems such as labor and human rights, EHS, business ethics, and sustainable procurement in various Industrial Bases through CSR internal audit; the Company carried out CSR risk assessment, updated CSR risk database, continuously promoted the improvement of CSR non-conformance, and improved CSR management system.

In March 2021, the Company released the Corporate Social Responsibility Report in 2020. So far, for ten consecutive years, the Company has disclosed the Company's ideas and performance in win-win development with customers, employees, suppliers, shareholders, government, community and other stakeholders through the Corporate Social Responsibility Report. During the reporting period, the Company did not revise the previous report.

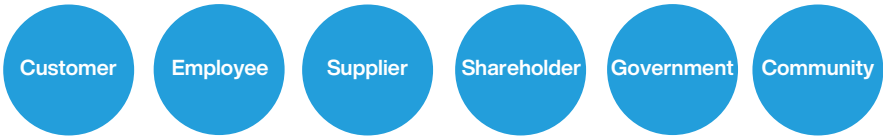


Communication With and Feedback from Our Stakeholders

As a listed Company with a sense of social responsibility, the Company not only pays attention to the performance and balance in the economic, social and environmental aspects, but also pays close attention to the voice of stakeholders, and actively gives back and improves.

Identification of Major Stakeholders

Different stakeholders are affected by the Company or have different degrees of influence on the Company. According to the latest AA1000 stakeholder participation standard, the Company preliminarily identifies and ranks the stakeholders, and finally selects six major stakeholders, including customers, employees, suppliers, shareholders, governments and communities.



Communication and Interaction with Major Stakeholders

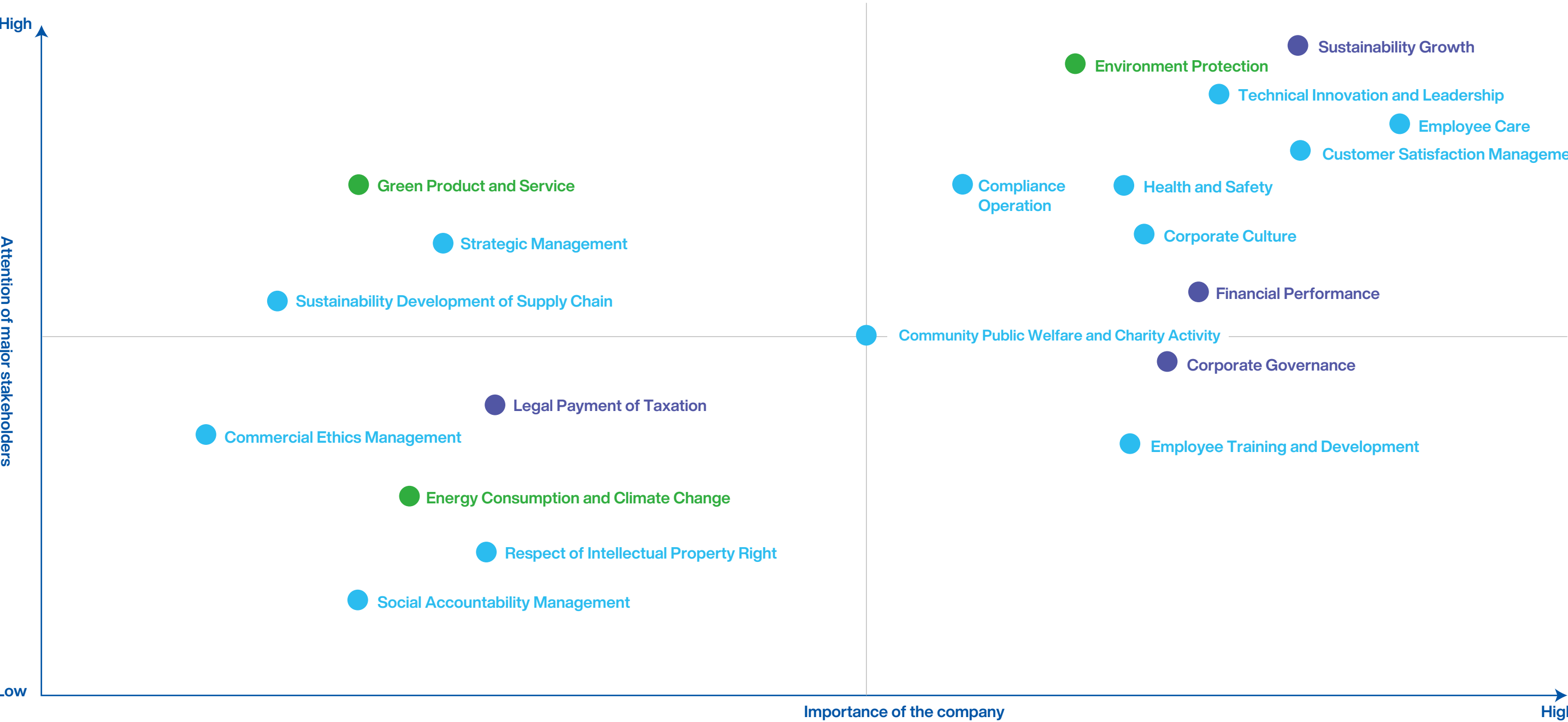
The Company has established various and unimpeded communication methods for different types of stakeholders to ensure that we can understand the needs of different stakeholders in timely, accurate and comprehensive manner and respond to them.

<div>Government</div> <div>inspection and self-inspection, conference discussion, information disclosure, correspondence</div>	<div>Shareholders</div> <div>general Meeting of Shareholders, investor hotline, Shenzhen Stock Exchange "Interactive" Platform, investor mailbox, Wechat Official Account, on-site reception</div>	<div>Employees</div> <div>employee satisfaction survey, staff seminars, regular training, labor union activities, employee mailbox, official WeChat official account.</div>
<div>Suppliers</div> <div>purchasing activities, supplier conference, supplier training, supplier audit</div>	<div>Customers</div> <div>customer satisfaction survey, customer daily communication, customer research and audit, Industry Exhibition</div>	<div>Communities</div> <div>field visits, volunteer activities, public welfare projects, WeChat official account and other new media</div>

Research Results of Substantive Issues

In accordance with the effective document Stakeholder Dialogue System, the office of CSR Working Committee of the Company shall start the process of providing information to the government, shareholders, employees, suppliers, customers and other stakeholders. Through the method of online research, telephone research, on-site research, e-mail research and interviews, and according to the importance of issues to the Company and the attention of stakeholders, we rank the issues.

Thus, results from investigation of material topics are shown in the quadrant figure below and 20 topics significant to stakeholders and the Company are figured out.



Remarks: 1. In the figure above, “●” refers to the economic aspect, “●” refers to the environmental aspect and “●” refers to the social aspect.
2. Compared with the topics of 2020 Tianma CSR Report, this report remains unchanged.
3. See specific chapter of this report for responses of the Company to 20 material topics highly concerned by stakeholders and of major influence on the Company.

As for the Company's substantive consideration of important issues, it has a substantial impact on both inside and outside the Company, as shown in the following chart: (Table description: the symbol “●” stands for important, substantial and informative; “—” stands for important but not substantial Industrial base)

[illegible]

02

Bear the Social Responsibility

2.1 For the Government

2.2 For the Stockholder

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

The Company has sorted out the compliance management system construction plan according to the actual situation, and adopted the work method from the local to the whole, from the simple to the complex, to cover the key compliance areas gradually, and improve the construction of the compliance management system.

In 2021, the Company decomposed the work tasks in the compliance management system construction plan, and formulated a monthly work plan. In terms of compliance mechanism construction in key areas: organize the quality, overseas companies, strategic management, environmental safety, procurement, internal control and finance departments to sort out compliance obligations, identify compliance risks, determined compliance review items, carry out compliance rectification, revise special compliance system and formulate special compliance operation guidelines; in terms of the operation of the existing compliance management mechanism: organize human resources, party building, publicity, information management, intellectual property, market and other departments to update and supplement compliance obligations, track the completion of compliance rectification plans, carry out compliance inspections, further implement and optimize the special compliance mechanism and cultivate and form the "inertia" for the effective operation of the system; and in terms of system improvement and cultural construction, the compliance early warning, compliance emergency response, compliance review, violation reporting, compliance inspection and evaluation, and compliance reporting mechanisms have been established or improved, and the compliance publicity, talent training and informatization construction have been strengthened to form a compliance system operation guarantee system. The work goal in the compliance management system stage covering 7 key compliance areas has been initially achieved by the end of 2021.

Construction of the Rule of Law

In 2021, the Company carried out legal publicity and training.



Legal Training

The Company organized to carry out the export control and civil code legal training for senior and department heads at all levels; carried out 49 sessions of training, such as order legal risk and sales process document preservation for business departments, equipment contract performance risk and process document preservation, bidding, export control, trademark layout and registration, labor and employment risk prevention, medical period, CSR system, equipment contract performance and process document preservation, lamp1\lamp2 legal knowledge and other legal training, covering procurement, sales, operations, products, R&D, logistics, IT, human resources, strategy, factory affairs, bidding business managers and other related business personnel, as well as middle and grassroots management personnel, with a total of 2167 person-time. During the reporting period, legal counsels were organized to participate in 51 external trainings, and 59 internal sharing sessions were carried out.

Legal Propaganda

The Company conducted legal propaganda for 20 times through the WeChat public account, and the cumulative number of clicks was 16,090; and conducted legal propaganda for all staff for 16 times through email announcements. The Company conducted annual legal popularization activities as planned, the online legal popularization activities included watching legal popularization animations and answering legal popularization test questions (7 episodes of compliance, civil code and process-themed animations and supporting online answering questions were launched on Tianma e-learning, and 13,402 people watched the legal popularization animations, 6171 people finished the online answering questions); and the offline legal popularization activities included on-site legal popularization answering question and legal popularization videos played in the canteen.



Incorruptible Management

Work Summary in 2021

In 2021, the Company strived to identify its position and act in the process of grasping the new development stage, implementing the new development concept, and building a new development pattern, earnestly fulfilled the responsibilities and missions shouldered by the new era, promoted high-quality development, implemented detailed supervision responsibilities, deeply understood Xi Jinping Thought on Socialism with Chinese Characteristics in the New Era, constantly strengthened the "Four Consciousness", affirmed the "Four Self-confidences", achieved the "Two Maintenances", and had the "bigger country" in mind, so as to promote the deep development of strengthening Party self-discipline.



01

System Construction

At present, there are 32 discipline inspection systems in the Company. In 2021, 7 system documents including the Work Implementation Measures Supervised and Implemented by Committee of Tianma Microelectronics Co., Ltd. have been revised. The discipline inspection workflow was standardized and exposed, and the discipline inspection business level was improved by formulating the revised documents.

02

Incorruptible Employment

1. Regularly carry out publicity on honest employment

In 2021, the Company carried out incorruptible employment publicity in the procurement center, human resources center recruitment team, Shanghai Tianma Manufacturing Support Department, CIM Department, Consumer Goods Division, R&D Center and other departments, and organized more than 415 people to sign a letter of commitment for incorruptible and self-discipline. By sharing internally accepted reported cases and typical cases reported by the Central Commission for Discipline Inspection, cases were used to promote education and reformation. By watching the warning educational film Hunting and Transformation, the case was taken as the reference, to keep ringing the alarm bell. The ideological line of defense against corruption was built by studying the legal system of the country and the company.

3. Implement the eight central regulations, correct the "four bad styles" and create new style.

During the holidays, the Company paid close attention to the relevant requirements of the "Four Bad Styles" work notice, thoroughly implemented the spirit of the eight central regulations, resolutely resisted the rebound of the "Four Bad Styles", and adhered to a pragmatic, frugal, civilized and honest festival. A special self-examination form thoroughly implementing the spirit of the eight central regulations was formulated, and business departments conducted 34 items of self-examination according to the self-examination form. Upon inspection, all aspects of work generally met the requirements of the system, and there was no serious violation of relevant regulations.

2. Continue to supervise the selection and employment work, and reply the opinions on party construction and clean government and input the clean government files.

In 2021, the discipline inspection department adhered to the principle of seeking truth from facts, objectiveness and fairness, played the role of cadre selection and appointment, and conscientiously did a good job in replying to opinions on party style and clean government, and gave the honest employment opinions for 146 people. The incorruptible files of 28 people were collected, organized and updated, and entered into the incorruptible file system.

4. Carry out disciplinary education and publicity month activities

From October to November, the Company organized and conducted discipline education and publicity month activities: organized party members and leading cadres to study documents such as Several Regulations for the Incorruptible Employment of State-Owned Enterprise Leaders, organized the company's leadership, middle-level cadres and discipline inspection team members to carry out learning and test for required technical knowledge and skills; organized party members, cadres and personnel at the key positions to watch the warning educational film Hunting and Transformation to learn typical cases violating the spirit of the eight central regulations; made incorruptible posters, hang them in conspicuous places, and publicized the incorruptible content through multiple channels; and purchased relevant incorruptible books.

03

Incorruptible risk prevention and control in key areas

1. Carry out incorruptible risk prevention and control in the field of scientific research outsourcing

During the reporting period, the Company carried out inspections and audits in the field of scientific research outsourcing, continuously established and improved relevant systems, organically combined the risk prevention and control management work of incorruptible employment with business work, made responsibilities clear, and improved the efficiency of incorruptible prevention and control.

2. Continue to increase the supervision of key projects of the TM18 line

The Company regularly organized incorruptible interviews with internal judges and experts. In order to identify the risks in the implementation of the bidding and procurement system in advance, further improve the process, and promote the smooth progress of the second-stage bidding and procurement work, the Company started the TM18 mid-term bidding and procurement compliance self-inspection work, checked the establishment and implementation of the TM18 project bidding and procurement system, timely rectified and implemented the problems found during the inspection, and ensured the smooth progress of the project.

04

Prosecution and Verification

The Company carried out letter reporting acceptance, registration, investigation and other work according to Implementation Measures for Letter Reporting and Supervision and Disciplinary Work of Tianma Microelectronics Co., Ltd., and entered the case supervision and management system monthly in accordance with the case supervision and management reporting requirements. The verified cases were dealt with in accordance with laws and regulations and company rules and regulations, and at the same time, according to the requirements of one post and two responsibilities, the direct superiors of the reported person shall be held accountable to strengthen the sense of honesty.



2022 Work Plan

In 2022, the Company will continue to study Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, build a loyal, clean and responsible discipline inspection team, increase the supervision of key projects, strengthen system construction, standardize the operation of power, ensure the smooth progress of key projects, and continue to carry out the construction of a clean risk prevention and control system in the key areas, improve the effectiveness of supervision, implement the responsibility for supervision to each department and everyone, so as to give full play to the role of supervision, guarantee implementation, and promote perfect development.

Intellectual Property Protection

Work Summary in 2021

01_

Arrangement of intellectual property

The Company actively responded to the national "Strategy of Strengthening the Country with Intellectual Property Rights", established a strategic plan of intellectual property rights matching with the overall development of the Company, and comprehensively implemented the arrangement of high-value patents.

03_

Intellectual property management and application

The Company continued to implement the "patent operation ecological cycle management system promoting value creation": the operation results of the management system have been recognized by the State Intellectual Property Office, and the project has been selected as the "Typical Case of National Intellectual Property Demonstration Enterprise" in 2021.

02_

Intellectual property risk resistance

The Company fully implemented the national standard of intellectual property management GB/T29490-2013 Enterprise Intellectual Property Management Specification to comprehensively control the intellectual property risk in the research and development stage, procurement stage, production stage and sales stage.

04_

Intellectual property honor

On January 4, 2021, Xiamen Tianma won the special prize of the 8th Xiamen Patent Award; and on June 25, 2021, Tianma OLED won the Excellence Award of the 22nd China Patent Award.

2022 Work Plan



01_

The Company will continue to deepen the strategy of "High value patent arrangement", launch project cooperation and "Application arrangement of high value basic patents and important application patents" in key technology fields of enterprises. At the same time, we should increase the rational use of intangible assets of the Company, promote the cooperation of intellectual property with the industry, and increase the patent license and the application and transformation of technological achievements.

02_

The Company will continue to implement GB / T29490-2013 Enterprise Intellectual Property Management Specification, continuously improve the intellectual property risk management and control system and process in the R&D stage, procurement stage, production stage and sales stage, and complete re-certification or supervision and audit of the intellectual property management system of Shanghai Tianma Microelectronics Co., Ltd., Shanghai AVIC Optoelectronics Co., Ltd. and Xiamen Tianma Microelectronics Co., Ltd.

FOR THE STOCKHOLDER

Steady Operation, Creating Value

Financial Performance

Net profit attributable
to a listed company

154,246

Operating income

3,182,921

Operating cost

2,599,234

Employee compensation
and benefits

431,013

Payments to
the investor

126,434

Tax paid to government

139,948

Retained economic
value (surplus reserve +
undistributed profit)

629,488

Government subsidies

117,285

Paid pension

31,476

Pay employment guarantee
for the disabled

613

Sound the Internal Control System

2021 is the first year of the "14th Five-Year Plan", going round and round, and everything is fresh again. The world pattern is turbulent and changeable, COVID-19 continues to rage, and the domestic economic form is affected by the international situation and has been in a volatile situation. In order to improve the Company's ability of resisting the internal and external risks, the Company adheres to the "2+1+N" strategic direction, continues to consolidate the risk management and internal control system, continuously introduces risk control methodology to the company, business and decision-making levels, and improves the risk control system. The Company has seized opportunities, overcome unfavorable factors, and achieved steady development as a whole.

The Risk Management Committee under the board of directors of the Company deploys the risk management and internal control implementation and supervision activities. Each business department of the Company constitutes the first line of defense. The risk control, compliance, finance, quality, environmental safety, human resources and other departments constitute the second line of defense, and discipline inspection, audit and other "big supervision" departments constitute the third line of defense. Each department cooperates with each other effectively, performs its own functions, so as to effectively implement the specific business work and supervision of risk management and internal control.

In terms of the construction of the internal control system, the Company has introduced the requirements of risk control, compliance, safety and quality into the process sorting and system construction of each business, and established a set of management system integrating the risk control compliance with the "three standards" quality system, so as to give full play to collaborative advantages and carry out internal control well. The Company has optimized and improved the system through the front-end review of the system process; and provided strong support for decision-making approval by establishing the risk assessment mechanism before approving the decision-making. At the same time, the Company has continued to strengthen the supervision of the procurement process in terms of bidding and inquiry and price comparison. In terms of supply chain security, the Company has completed the construction and certification of Tianma OLED ISO22301 business continuity system. In addition, the Company has supervised the effectiveness and applicability of the Company's risk management and internal control system by carrying out special internal control evaluation, annual internal control evaluation, internal control self-evaluation of business department, internal audit and hiring an accounting firm to carry out internal control audit.

Note: ● the above data are calculated according to rounding, and the data units are "ten thousand yuan".
● Other economic data of the Company is as shown in 2021 Annual Report.



Capital Market Responsibility

Deepen Information Disclosure and Improve the Quality of Information Disclosure

In accordance with the requirements of relevant rules, the Company has continuously fulfilled the obligation of information disclosure to ensure that the information disclosure is true, accurate and complete. In 2021, the Company has disclosed 173 announcements in designed information disclosure media. There is no selective information disclosure or disclosure of non-public information in advance, which continuously improves the quality of information disclosure.

Continue to Strengthen the Management of Investor Relations and Smooth the Channels for Investors' Demands

The Company attaches great importance to investor relationship management. Through various channels and ways such as legal information disclosure, shareholders' meeting, investor research, investor hotline, open email and interactive platform, the Company actively interacts with investors and arranges special personnel to maintain the above channels and platforms; in addition to the above traditional forms, in order to strengthen the pertinence and interactivity of communication, the two-way communication mode of "Go out, please come in" is adopted. Through 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.

In 2021, the Company has received 24 on-the-spot surveys of investors and 197 institutional investors in total, and timely and actively responded to 338 questions raised by investors on the interactive platform of investor relations of Shenzhen Stock Exchange.

24	197	338
on-the-spot surveys of investors	institutional investors	questions raised by investors on the interactive platform

FOR THE ENVIRONMENT

Green Environmental Protection and Clean Production

Protect the Environment

The Company adheres to the EHS policy of "Abide by laws and regulations, people-oriented, energy conservation and consumption reduction, pollution prevention, green production, sustainability development, full participation, health and safety", adheres to the green and sustainability development concept of "Green water and green mountains are golden mountains and silver mountains", continuously integrates the green and sustainability development concept into the sustainability development strategy and major business decision of the Company. The Company strives to build an environment-friendly and resource-saving enterprise by constantly improving the efficiency of energy resource utilization, continuously reducing pollutant emissions, and reducing environment influence.

In response to the “3060 dual carbon” goal, implement energy conservation and emission reduction.

In terms of energy conservation and emission reduction

- On the one hand, the Company was actively carrying out the carbon verification and carbon compliance. In 2021, all production bases of the Company completed the carbon compliance work on time;
- On the other hand, the Company insisted on continuously exploring its own energy conservation and emission-reduction potential, actively invested a large amount of funds to introduce new energy conservation and environmental protection technologies and new projects, continued to promote the implementation of energy conservation and emission reduction projects, continuously improved the utilization efficiency of energy resources and reduced pollutant emissions.

In 2021, the Company invested more than 100 million yuan in ecological environmental protection and energy conservation and emission reduction, and continued to carry out a number of large-scale energy conservation and emission reduction projects such as pure water system recycling water, inorganic recycling water system expansion, and reclaimed water recycling. After the project is completed and implemented, it is expected to save more than 700,000 tons of water and reduce more than 140,000 tons of wastewater discharge every year.

Some industrial bases of the Company are the national carbon trading pilots, which have joined the carbon trading market, and apply to the Shanghai Trial Measures for Carbon Emission Management, Paris Agreement, United Nations Framework Convention on Climate Change, Energy Conservation of the People's Republic of China and Shenzhen Interim Measures for the Administration of Carbon Emissions Trading. For details of the Company's pollutant discharge during the reporting period, please refer to the 2021 annual report of the Company.

In 2021, some key investment projects of the Company are as follows:

Serial number	Industrial base	Project name	Project type	Project investment	Benefits from energy conservation and emission reduction	Project brief
01	Chengdu G4.5	New reclaimed water project of pure water system	Water saving	1.65 million yuan	Annual water-saving amount is about 219,000m³	A new set of pure water recovery system is built to purify the organic recycled water and the concentrated water of the RO system, so as to achieve the quality of tap water, and then it re-enters the Company's pure water system, with an annual water-saving amount of about 219,000m3.
02	Shanghai G4.5	Expansion of inorganic reclaimed water system	Energy conservation and environmental protection	428,000 yuan	Annual reduction of wastewater discharge: 107,000 tons	The inorganic reclaimed water system is expanded from 1080m3 to 1680m3 per day, and the first-grade concentrated water was changed from direct discharge to organic reclaimed water system, reducing waste water discharge by 298m3 per day and saving 107,000 tons of tap water annually.
03	Company headquarters	General exhaust equipment upgrading	Environmental protection	200,000 yuan	Improve the operating efficiency of general exhaust system	The general exhaust equipment of the original 2# building has a long service life, frequent failures and low operating efficiency, so it should be replaced to ensure the safe operation of the exhaust system.
04	Company headquarters	Factory central control system	Energy conservation and environmental protection	3.27 million yuan	Monitor energy consumption and pollution more effectively and respond in time	The central control system integrates ten systems, including the air conditioning system, pure water system, reclaimed water system, sewage system, exhaust system, vacuum system, compressed air system, energy monitoring system, waste heat recovery system, and environmental protection monitoring system of the factory affairs department. Through centralized management, it has realized the visualization, dataization, automation, intelligence and low carbonization of various systems of factory affairs, and at the same time the potential risks of unstable human factors are reduced.
05	Wuhan G4.5	Waste gas collection and disposal project at wastewater station	Environmental protection	2.139 million yuan	Improve system operation stability and reduce the risk of wastewater exceeding the standard	Reduce power consumption of high-energy-consuming equipment and reduce sludge moisture content; Reduce environmental noise and improve the comfort of the on-site working environment; improve system operation stability and reduce the risk of wastewater exceeding the standard
06	Wuhan G4.5	Reclaimed water recycling project	Environmental protection	1.456 million yuan	Reduce the fugitive emissions of toxic and harmful gases generated during wastewater treatment, and avoid legal and regulatory risks	Collect the pools with heavy odor in the waste water station, add deodorization and organic matter removal devices, protect the working environment and equipment of employees, and meet the requirements of emission standards.
07	Wuhan G4.5		Energy conservation	2.85 million yuan	511,000 m³ of tap water can be saved every year	A set of reclaimed water reuse system is added to recycle and reuse the RCW discharge water, to reduce the consumption of tap water. The reclaimed water treatment capacity is 70m3/h, which can save 1400m3 of water per day.



Improve the rules and regulations and improve the management level

The Company has always attached great importance to the normalization and standardization of EHS management work, and continued to promote the construction of management systems such as ISO14001, ISO45001, ISO50001 ISO14064, and green aviation. In 2021, each industrial base of the Company successfully passed the certification (supervision) audit of a third-party certification body. By combining the internal and external audits, the Company's potential is continuously improved, the system management is improved, and then the Company's EHS system management level is improved. A solid foundation has been laid for the stable, healthy and sustainable operation of the Company's EHS system management system. At the same time, based on the requirements of the management system, the Company continues to sort out and optimize the EHS document system and management process, improve various EHS rules and regulations, and effectively ensure that the Company's EHS work has rules and traces to follow.

Adhere to green development and fulfill the responsibilities of central enterprises

The Company has always adhered to safe, green and healthy development, actively fulfilled its corporate social responsibility, actively responded to the environmental information disclosure requirements of the government, customers and other relevant parties, and disclosed the Company's environmental information fairly. As of 2021, each industrial base of the Company has been awarded "Longgang District Occupational Health Protection Demonstration Enterprise", "Shenzhen Health Promotion Enterprise", "Shanghai Energy Efficiency Leader (Bronze Medal)", "Shanghai Xinzhuang Industrial Zone Safety Production Advanced Unit", "Excellent Safety Production Unit" and other honorary titles.

Promote the construction of energy conservation and environmental protection culture, and enhance the awareness of energy conservation and environmental protection

The Company actively organizes on-site theme training, environmental protection publicity activities and theme activity months to help employees deeply understand the Company's sustainable development concept and energy conservation and environmental protection policy goals, and continuously improve employees' 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 the Company's EHS management requirements. The Company also formulates a detailed education plan every year to conduct EHS re-education for all employees. Warm environmental reminders and green publicity are available in factories, offices and public areas. In 2021, the Company successively organized activities such as Earth Hour Day, Energy Conservation and Emission Reduction Promotion Week, and Environmental Protection Theme Month, released 22 various energy conservation publicity documents, and produced and posted 77 publicity banners, slogans, columns and posters, organized more than 10 large-scale energy conservation publicity activities, 4 energy conservation education and training classes, and 3 energy conservation report meetings, mobilized employees to participate in more than 17,500 person-times, collected 29 energy conservation improvement proposals, and formed a good energy conservation and environmental protection atmosphere for all employees.



Green Products and Services

The Company adopts product life cycle management, and carries out product life cycle management from the input & review & transformation of health and safety requirements, project development, raw material procurement, incoming material inspection, label management, production process control, product protection, finished product inspection and customer feedback. The Company conducts product information and identification management in stages through raw material identification, production process identification, quality status identification and finished product identification.

Raw materials and incoming materials have environmental protection labels, and RoHS labels are posted on the finished packaging boxes, which are 100% compliant.

RoHS labels are posted on the finished packaging boxes.

RoHS

Compliance rate

100%



Green Information

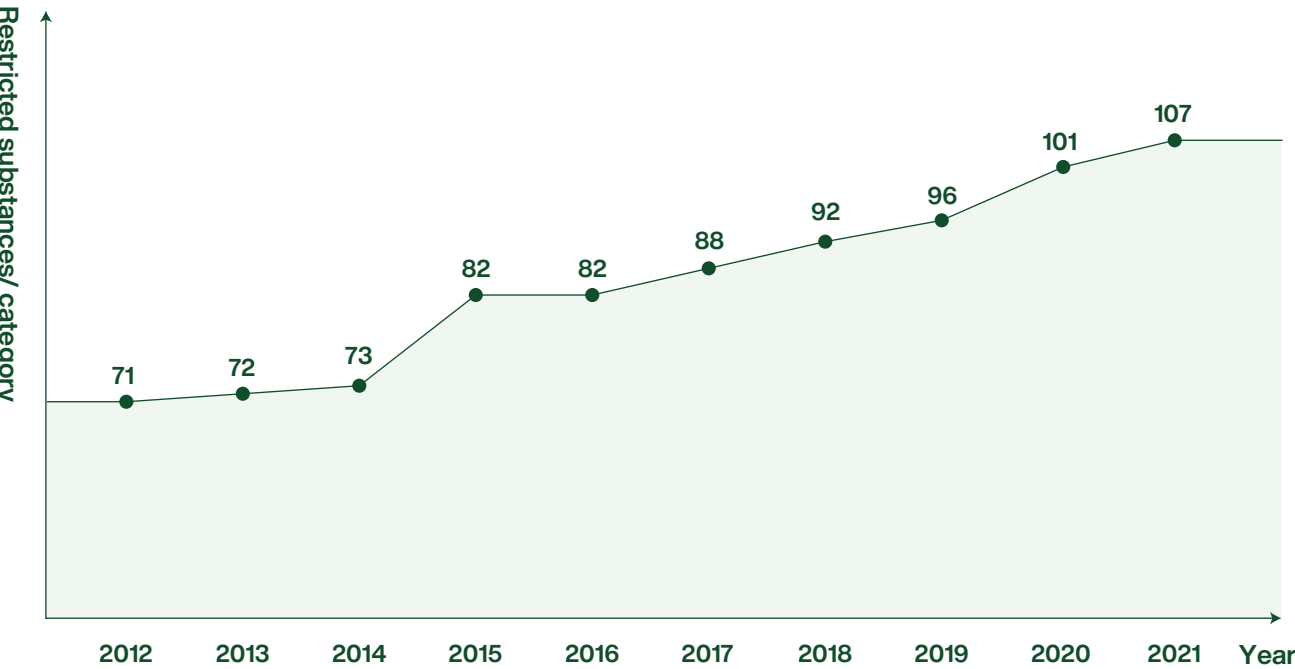
In order to keep abreast of the changing trend of the industry in time and ensure the accurate grasp of the regulations and market trends, the Company's green product management platform team continuously maintains good communication with the third-party professional testing and system certification institutions through the dynamic collection and management of the website information of major environmental protection platforms, so as to obtain the latest regulations and industry information. In 2021, through the Company's Internal Journal Green Information, we have carried out regular publicity in the Company; a total of 55 environmental protection related laws and regulations and 105 customer requirements have been identified throughout the year. After internal detailed review, all of them have been transformed into the Company's internal environmental protection control standard-Tianma Environmental Substance Management Standard (version 2.1), which was officially released in September 2021.



Green Design

Under the current situation that consumers' environmental awareness is constantly improving and customers' demands are increasingly strict, the Company actively responds to the green development trend of the industry, strictly controls the R & D and material selection stage, selects raw materials that meet the HSF policy and customers' requirements after the evaluation of environmental protection requirements of the project, and increases efforts to promote suppliers to realize harmless materials, so as to enhance the competitiveness of its own enterprises. The Company's types of hazardous substances management and control are also constantly improving. At present, 107 standards of hazardous substances have been established.

Harmless development



Green Supply Chain Management

With the changes in environmental protection regulations and customer requirements, the Company revised the Tianma Environmental Substance Management Standard in September 2021, and simultaneously upgraded the environmental protection management requirements for suppliers. In November, the Company organized the Tencent Online conference and held the 2021 Tianma Supplier HSF Training and Promotion Conference with the theme of "Green Production, Win-win Cooperation", aiming to train and publicize Tianma's hazardous substance management requirements and changes in environmental protection regulations and the interpretation of the new requirements and the response to the control requirements, so as to improve the professional knowledge of each supplier in the management of hazardous substances and enhance their ability of independently intercepting the risk of hazardous substances, and the internationally renowned testing agency CTI was invited to explain GB's requirements for mainstream regulations in detail. 301 suppliers participated in the annual environmental protection training conference, and the number of participants was as high as 405, involving 40 types of materials. At the same time, in order to better grasp the environmental protection related knowledge of this training conference, a small test before the HSF training and a special assessment after the training were organized, the two-dimensional code was used to identify the electronic assessment, and the pass rate was 93.1%, and more than 80% of the personnel with a score of 80 or above.

Suppliers participated	Participants	Involving types of materials	Passing rate
301	405	40	93.1%



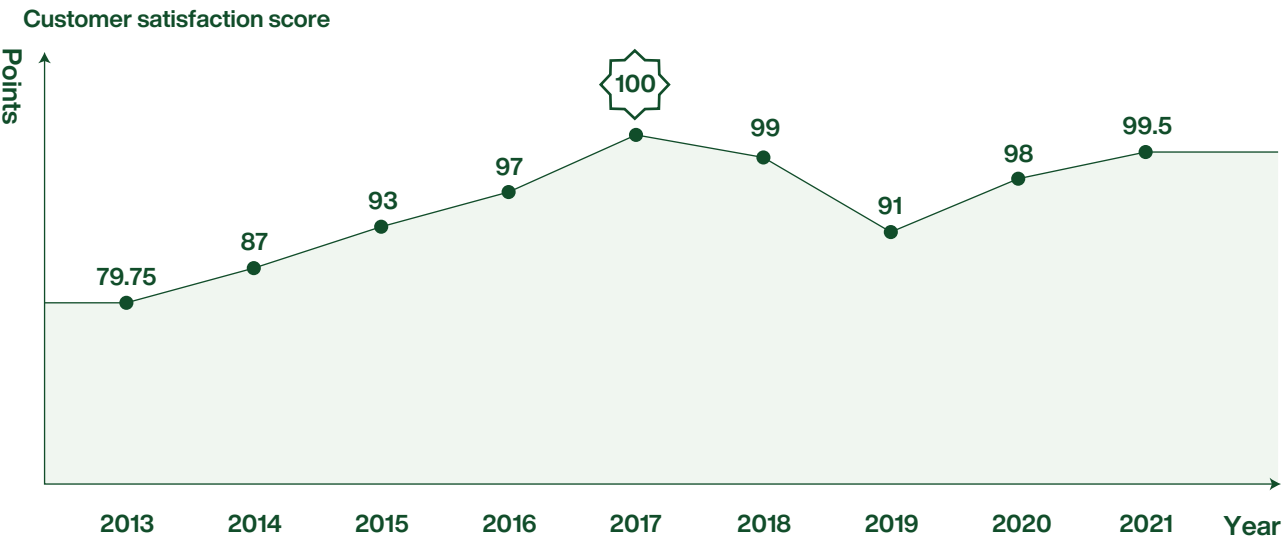
Green Production

In addition to the research and development stage, the Company also paid special attention to the pollution risk of each process in the manufacturing process, so the Company realized the halogen-free control of all process auxiliary materials. During the introduction of auxiliary materials, we strictly implement the environmental protection assessment process, and prevent the risk of environmental pollution through periodic auxiliary materials, internal environmental protection testing of tooling and tools in contact with products, third-party environmental protection testing of semi-finished products and finished products, and incoming material verification process, so as to achieve the goal of zero environmental accidents in 2021.

Green Service

In 2021, the leading customers of major hazardous substance management continued to put forward updated requirements. The Company actively responded and participated in the training and publicity meeting on the change of major customers' standards, so as to grasp the changes in customer requirements as soon as possible, and share, transform and implement internally through the green product management platform. The Company constantly summed up experience, and in 2021, it has established and improved hazardous substance management experience databases for 42 domestic and foreign customers. The Company actively established a green product management system, and has been continuously recognized by customers in previous audits. At the same time, Xiamen Tianma has passed the QC080000: 2017 system certification and verification, so as to implement the requirements of the new version of the system in the Company's various process links, serve customers, and continue to provide customers with products meeting green environmental protection requirements.

The Company followed the laws and regulations on hazardous substances related to vehicle-mounted products, cooperated with end customers to provide information on materials used in products, and provided classification of hazard levels related to materials and provided a scientific analysis basis for recycling 95% of vehicle materials. 251 CAMDS and IMDS were submitted in 2021. The Company continued to optimize in promoting product safety and health. In 2021, 31 liquid crystal display module products have passed UL certification and obtained UL certification reports.



Green Logistics

01 Green Warehouse Management

In terms of warehouse management

Xiamen Tianma finished product warehouse and Wuhan G6 finished product warehouse have built automatic warehouses, which not only improved the utilization rate of warehouse space and operation efficiency, but also reduced the operation fatigue of personnel in handling and stacking, and improved the safety guarantee. In addition, all warehouses of the Company have completed the WMS system online. Through highly electronic information integration, paperless office has been realized and office resources have been effectively saved.



In terms of production waste disposal

In 2021, 13522.38 tons of general waste were recovered and treated, with revenue of 23.23 million yuan; 2074 tons of electronic waste was reasonably disposed, with an expenditure of 2.67 million yuan on environmental protection. In terms of waste disposal, we always pay attention to the bottom line and comply with environmental laws and regulations.



In terms of packaging material recycling

The recyclable packaging materials were used. In 2021, 60963 PP-box and 9175 EPP were recycled and recycled. The recycling of wooden pallets for end-users of consumer goods was increased. In 2021, 13440 pallets had been recycled in Wuhan Tianma and Xiamen Tianma.



During the COVID-19, due to the need to contact external personnel and cold chain goods in warehousing, the Company prepared protective clothing, disposable gloves and masks and other anti-epidemic materials for employees to ensure the health and safety of employees.

02 Integrated Transportation Management

The Company adopted a group transportation management model 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 2021. The resources can be reasonably planned and allocated through system integration.

In terms of resource allocation

The vehicle loading was shared at the front-end, so as to promote the order 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, thereby reducing the waste of transportation resources and reducing the Company's carbon emissions. In addition, in terms of transportation methods, in 2021, through the adjustment of transportation methods (cross-border trucks in Southeast Asia), centralized shipments (concentrated shipments by sea on the Asian line), and stowage optimization (the return of packaging materials and the less-than-carload freight were integrated into complete vehicles, the complete vehicle was transformed to less-than-carload freight, Huizhou Longqi next-day delivery was changed to third-day delivery) and packaging optimization (double stacking of the China-Europe railway, improvement of the number of layers of boards in China and Hong Kong), etc., and 1.22 million yuan of contract cost has been saved for the Company.

In terms of CSR management of logistics suppliers, the Company required all transportation and logistics suppliers to sign CSR agreements and share social responsibilities. Company B has signed 9 new logistics suppliers, accounting for 100%. The Company actively promoted the concept of social responsibility in the logistics supplier system to achieve a win-win situation.

During the COVID-19, the impact on the logistics industry was very large, the cost increased, and the delivery difficulty increased. Through a high degree of coordination with cooperative suppliers, the Company has ensured the factory production and delivery, and has been highly recognized by customers.

Total saved cost for the Company (ten thousands yuan)

2074

Ratio of the signed logistics supplier

100%

2022 Plan



01

In 2022, the completion rate of CSR annual audit of logistics suppliers will be 100%, and CSR agreements will be signed with suppliers;

02

Continue to optimize the air transport mode, combined with air, sea, land, railway and other operation modes, to reduce costs, save energy consumption and control carbon emissions.

03

Packaging material reuse, change the way of transaction loading, reduce the use of consumables (mainly including PP-BOX, EPP-BOX, trays, blister trays);

04

Strengthen the management of waste disposal to avoid environmental pollution caused by human activities.

Green IT



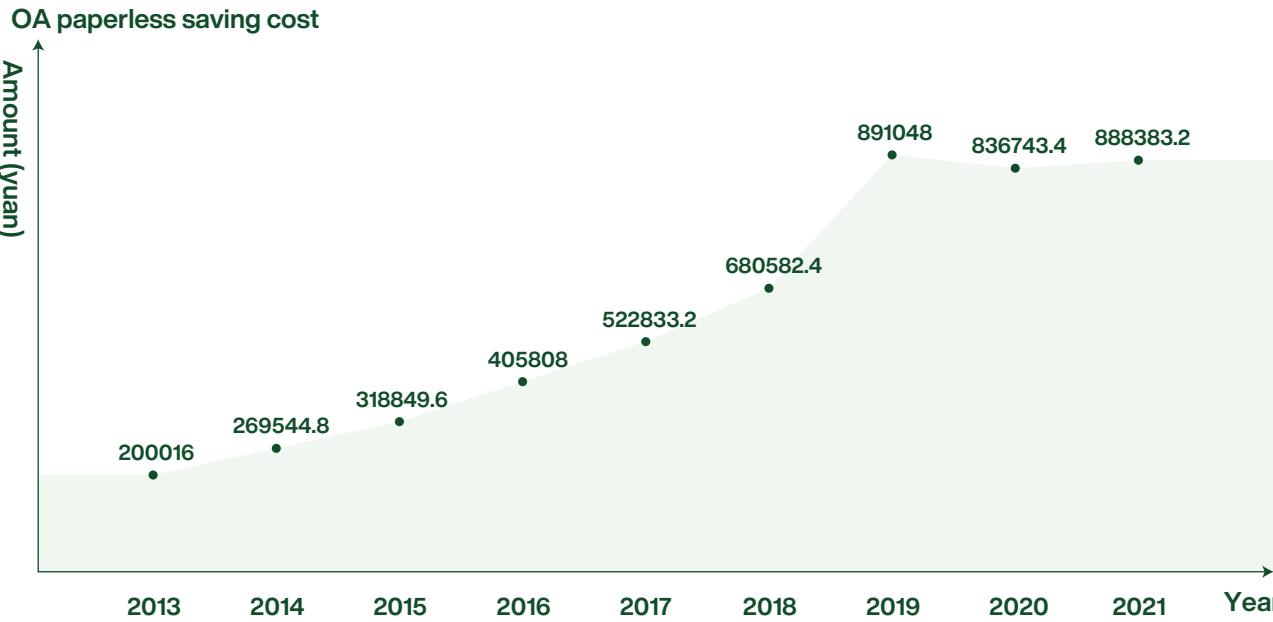
IT-OA Paperless

In 2021, through measures such as process consolidation and optimization, and paperless office promotion, the number of existing online business processes increased to 588, the number of applications was1,110,479, and paper and printing costs were saved by RMB 888,383.20

The Company saved RMB 200,016.00 in paper and printing costs in 2013, exceeding the expected target of RMB 150,000. In 2014, the Company saved RMB 269,544.80 in paper and printing costs, exceeding the expected target of RMB 180,000. In 2015, the Company saved RMB 318,849.60 in paper and printing costs, exceeding the expected target of RMB 250,000. In 2016, the Company saved RMB 405,808.00 in paper and printing costs, exceeding the expected target of RMB 320,000. In 2017, the Company saved RMB 522,883.20 in paper and printing costs, exceeding the expected target of RMB 320,000. In 2018, the Company saved RMB 680,582.40 in paper and printing costs, exceeding the expected target of RMB 360,000. In 2019, the Company saved RMB 891,048.00 in paper and printing costs, exceeding the expected target of RMB 600,000. In 2020, the Company saved a RMB 836,746.40 in paper and printing costs, exceeding the expected target of RMB 600,000.

In 2021, the Company's OA system functions were upgraded and transformed, and the bases such as document process cards and temporary change orders were electronically implemented, saving RMB 888,383.20 of paper and printing costs. In 2022, the Company will continue to promote paperless office, reduce the number of paper approval processes, and plan to increase the annual paper and printing cost saving target to no less than RMB 700,000.

In 2022, the Company will continue to promote paperless office, reduce the number of paper approval processes, and plan to increase the annual paper and printing cost saving target to no less than RMB 700,000.





Virtualization

In 2021, in order to achieve the goal of energy conservation and emission reduction, the Company continued to carry out the desktop virtualization project to carry out energy conservation and emission reduction, among which the annual power consumption of thin clients was reduced from 2,619,000 KWH to 1,309,500 KWH compared with that of traditional PC, reducing the power consumption by 50%. The annual cumulative balance of electricity bills was 995,220 yuan. Through virtualization technology, the Company has enabled the computing resources of a single server to be shared by multiple environments, the server utilization rate has been increased by 66%, the annual power consumption has been reduced from the original 1672070.4KWH to 1006725.72 KWH, and the accumulated electricity balance was 505661.95 yuan. Because running multiple servers generates a lot of heat and requires additional energy consumption for cooling, the virtualization technology can consolidate multiple servers into one, so the carbon dioxide emission is greatly reduced.

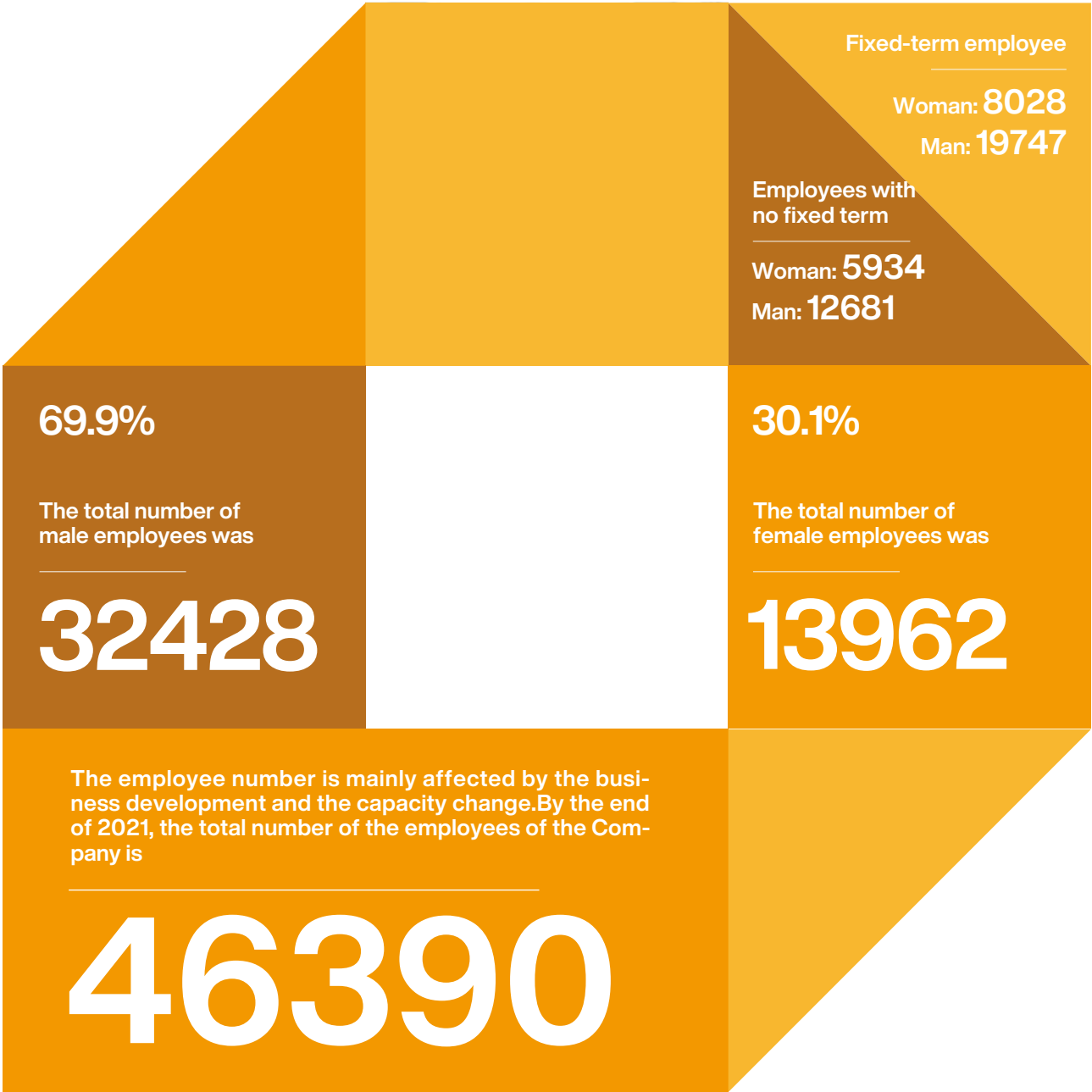
(Note: unless otherwise specified, the environmental chapter only discloses the data of "five locations and seven companies in China")

The server utilization rate has been increased by

66%

FOR THE EMPLOYEE

People Oriented and Grow Together



The number of employees over 50 years old:

205

persons, accounting for

0.44%

The number of employees aged 30-35:

11771

persons, accounting for

25.37%

The number of employees under 30 years old:

34414

persons, accounting for

74.19%

The number of ethnic minorities: accounting for

5400 persons

persons, accounting for

11.64%

Note: the total number of employees above is the total number of regular employees, interns and dispatched workers by the end of 2021.

Good Human Rights Protection and Employee Relations

The Company has set up a variety of communication channels to collect employees' opinions and suggestions:

- Open a hotline and E-mail box to fully accept employees' complaints;
- Set up employee suggestion boxes in prominent places in canteens, dormitories, offices and other areas, and arrange special personnel to collect and reply regularly;
- Through Wechat platform, the Company timely answered the concerns of employees;
- The Company holds staff exchange meetings from time to time, welcomes employees to put forward opinions or suggestions, and answers and dealt with each question in combination with the actual situation;
- The Company supports the Labor Union to carry out its work in accordance with the law, and has listened to the opinions of employees through democratic forms such as employee congress and Labor Union meeting on matters involving employees' vital interests such as wages, welfare, labor safety and health, and paid attention to the reasonable needs of employees.

The Company has regulated the labor contract, labor remuneration, working hours, rest and holiday, insurance, welfare, labor health and safety, vocational training, special protection for female and juvenile workers, labor union and labor union activities content through collective contract and dedicated collective contract, so as to effectively protect the rights of employees to exercise of freedom of association and collective bargaining.

In the process of recruiting employees, the Company has fulfilled its social responsibility, paid attention to the management and training of localized talents, gave priority to recruiting local community personnel, improved the localized operation efficiency, promoted employment and increased taxes, and made contributions to the local social development.

The Company has formulated the Regulations on the Management of Child Labor and Underage Workers, and formulated relevant policies and perfect preventive measures in the important links of employee recruitment and employment, so as to eliminate the use of child labor. Since the establishment of the Company, there has been no case of recruiting child labor. The Company has stipulated that there should be no discrimination in terms of race, gender, nationality, age, pregnancy or disability in recruitment, promotion, salary, training, etc., and there has been no discrimination in the Company. The Company has clearly prohibited the use of forced, debt or contract labor, and has made detailed and reasonable provisions on the important links of enterprise recruitment, employment and resignation, so as to put an end to the use of forced labor from the specific practice. The Company has never had forced labor in the operation process. The Company respects and protects human rights, and 100% of security personnel received human rights training during the reporting period.



Health and Safety

The Company has set up a safety committee, which is fully responsible for EHS management. The director of the safety committee is the chairman of the Company. Each industrial base has its own safety committee, which is fully responsible for the EHS management of the base, and the director of the safety committee of each industrial base is the person in charge of the base. The percentage of employees represented by the safety committee is 100%.

In 2021, under the leadership and support of the Company's safety committee, the Company's overall safety production situation continued to be stable through the joint efforts of the Company and various industrial bases. With the goal of effectively preventing and resolutely curbing general and above production safety accidents, and adhering to the principle of "safety first, prevention first, and comprehensive management", the Company has established a special risk prevention and control promotion team, continuously improved risk identification, risk classification management and control, hazard investigation and management, emergency response and other mechanisms, consolidated the basic construction of intrinsic safety, strengthened the prevention and control of source risks, effectively controlled accident risks, built a safe production line of defense, and ensured the sustainable development.

Improve Organization and System Guarantee

As the highest management organization of the Company's production safety, the safety committee of the Company comprehensively guides the management of EHS (environment, safety, occupational health), guarantees the investment in safety production, improves the EHS management organization, and assigns enough full-time EHS management personnel. In 2021, the Company focused on improving the dual prevention mechanism of "classified management and control of safety risks and hidden dangers investigation and governance", established a classification management system of safety risks, and revised the management system of hidden dangers investigation and governance in accordance with the latest laws and regulations and in combination with the document integration work. The Company's safety responsibility system was improved, the Company's health, safety and environmental protection performance assessment mechanism was established, the implementation of health, safety and environmental protection performance assessments for various departments of the Company was regularly organized, and the department was promoted to implement the main responsibility for safety and enhance the ability to perform safety duties.

Continue to Promote Safe Production

The Company actively strengthened the management of accidents and events, continuously promoted the investigation and management of hidden dangers, formulated and strengthened the monitoring indicators, prevention and early warning and prediction of health, safety and environmental protection events, continued to promote the accident rectification and flattening mechanism, and regularly organized various industrial bases to conduct accident event analysis seminars, including internal and external accidents of the Company, analyzing the causes of accidents, and clarifying the improvement measures. All industrial bases were carried out in parallel, and special rectification work was organized for the same type of incidents that frequently occur, such as special rectification of leakage and venting, and special rectification of three violations, etc., to achieve zero accident goal.



Strengthen the Investigation and Management for Hidden Dangers

Comprehensively carry out safety risk identification and hierarchical management and control, and deepen the investigation and management for hidden dangers. The leaders of the Company's safety committee lead to organize internal and external experts and conduct comprehensive inspections of health, safety and environmental protection at each base, and investigate the safety risks of operating factories. There are six Company leaders and 65 senior professionals participated in the inspection, and more than 500 potential safety hazards have been identified. "Look back" is performed on the rectification and implementation of all hidden dangers and problems to realize closed-loop management of hidden dangers investigation.

Deepen Risk Management and Prevention

The Company gave full play to the risk prevention function of insurance, introduced the risk management function of insurance into safety production management, realized the organic combination of professional risk management with safety production work, improved the reliability of the safety protection system, effectively exerted the accident prevention function of insurance institutions, and changed "post-event passive claims settlement" to "pre-event active prevention disaster mitigation and post-event protection". At the same time, the Company promoted risk visualization management, and visualized the safety requirements of managers and specific hidden dangers and risks, so as to promote independent management and control.

Improve Emergency Management System and Enhance Emergency Capacity

The Company strictly abides by the relevant national laws and regulations on emergency management, establishes and improves the emergency plan system in accordance with the 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 the emergency plan, and revises the inapplicable part. At the same time, the Company actively participates in the safety production activities of community streets and safety associations, and actively participates in safety education, emergency education, emergency drills and other activities organized by government departments. In 2021, the Company organized a safety emergency knowledge competition and organized employees to carry out AED practical training.

Adhere to People-oriented, Ensure Occupational Health and Safety and Improve the Working Environment

The Company always insists on improving the working environment of employees, establishes and improves the occupational health management system, formulates an annual occupational health management plan, actively carries out occupational health training and publicity activities, regularly monitors occupational hazards in the workplace according to law, and provides employees with complete occupational health inspections and labor protection. For example, if the Company's employees and their family members suffer from serious illness and family difficulties, the Company has a love fund to help them. As of the end of 2021, the Company had 6,005 employees in job control types. During the reporting period, the Company organized all employees in occupational hazard positions to conduct occupational hazard physical examinations, and there were no suspected occupational cases or patients with occupational diseases.

Employee Training



In 2021, according to the 14th Five-Year Plan, the Company clarified the training focus and overall planning, and formulated and carried out various training activities based on the development needs of employees, so as to promote the implementation of the Company's talent development strategy.

Management training was comprehensively and iteratively upgraded according to the ability requirements of managers at all levels, the “Dark Horse Plan” for middle-level managers and the “Steed Plan” for grass-roots managers were optimized, and the “Pony Plan” for grass-roots backbone personnel training project was built; and the hierarchical and classified management training system was continuously optimized and improved.

For the technical training, it continued to subdivide the personalized learning needs of different groups of technical sequences, and carry out "quality classes", "lean classes" and "DFSS classes", and the online micro-courses were conducted by recording video courses to facilitate the fragmentation learning of employees. At the same time, based on business needs, newly developed "Six Sigma Basic Class" and "TRIZ Class" have laid a solid foundation for the cultivation of technical talents.

The new employee training has completed the optimization of all courses of the non-operation sequence new employee training and e-online. At the same time, the T-PLAN project for the 2021 freshmen has been comprehensively upgraded from the perspective of the new employees, and full communication and exchange have been conducted with students through live broadcast.

In terms of training system operation and infrastructure construction, the Company has optimized the “Spark Plan” and “Lighthouse Plan” for training internal lecturers based on the support needs of talent training resources, and continuously improved the professional skills of internal lecturers. At the same time, the 2nd Learning and Development Month and Teachers' Day Commend Activities were successfully completed. Through a variety of activities, the internal lecturers were given a sense of honor and pride, and their passion was ignited.

In 2022, the Company will continue to iterate the training system, improve the hierarchical and classified learning ecosystem, establish an internal talent mechanism, and continuously output qualified talents.

In 2021, the annual employee education fund of the Company was

7099034.39 yuan

Employee Training Data of the Company in 2021

Domestic Industrial Base

Name	Total training hours
Shanghai Tianma & Tianma OLED	141365
Shanghai AVIC Optoelectronics	42578
Wuhan G4.5	178599
Wuhan G6	197188
Shenzhen Tianma	98440
Xiamen Tianma	504908
Chengdu Tianma	6620

Overseas Subsidiaries

Name	Total training hours
Tianma Japan	6093
Tianma Europe	253
Tianma USA	188
Tianma Korea	560

Compensation and Benefits Performance

The Company strictly implemented the minimum wage requirements, wage regulations, personal tax system and other laws and regulations of national and local government, provided employees with reasonable and legal working conditions, and helped employees enjoy national and local policy dividends in time, such as special tax deductions and final settlement, etc.

The salary of employees takes into account market competitiveness and internal fairness. Under the hierarchical and classified salary incentive system, the salary level of the Company is mainly determined based on the labor market conditions, industry/market salary levels, company performance, job value, and job performance, etc. In 2021, the Company updated and iterated the salary structure of on-site cultural and technical employees, and provided employees with clearer development channels and immediate incentive policies. In accordance with national and local laws and regulations and in combination with the actual production and operation and the differentiated position nature of employees, the Company implemented and legally declared the standard working hour system, comprehensive working hour system, irregular working hour system, etc., and implemented shift scheduling and wage payment standards according to different working hour systems, so as to guarantee the employees' rest time and labor income. During the COVID-19, the Company set up targeted and phased attendance and payroll plans in accordance with the requirements of local governments for epidemic prevention and control, and it effectively guaranteed the safety, health and stable income of employees.

The Company adhered to standardized management, continued to improve the salary and welfare performance system, and implemented various policies in strict accordance with the system. Employees can understand the Company's policies and inquire personal attendance, shift scheduling, vacation, salary details and the like through various channels such as the Company's internal office system, human resources system, attendance system, and corporate WeChat public account and it has fully reflected the openness and transparency of the policy.

The Company has provided comprehensive and warm welfare benefits, and provided convenience for employees in food, clothing, housing and transportation. The Company has paid endowment insurance, medical insurance, work injury insurance, maternity insurance, unemployment insurance and housing provident fund for employees in accordance with laws and regulations, and provided supplementary commercial insurance. The Company has provided employees with marriage and funeral leave, prenatal check-up leave, maternity and paternity leave, breastfeeding leave, parental leave, paid annual leave and other types of leave in accordance with the law; and provided dormitory, free shuttle bus, transportation and accommodation subsidies, food subsidies and other benefits. The Company has paid attention to the physical and mental health of employees. In terms of living facilities, it has set up medical rooms, sports venues, entertainment facilities, etc., and also provided birthday care, team building funds and holiday gift bags. The Company actively responds to national policies, guarantees various types of maternity leave for employees, sets up breastfeeding rooms in the factory area, and provides visits and care to postpartum employees. In 2021, the benefit coverage rate of the Company was 100%. 100% of employees received regular performance and career development assessments in 2021. The Company adheres to the principle of equality and provides employees with fair treatment and development opportunities. In terms of salary determination, salary adjustment, incentive bonus and other aspects, gender is not considered as a factor. In 2021, the average basic salary and monthly remuneration ratio of the Company's front-line/non-front-line male and female employees was 1.0.

In 2021, the benefit coverage rate of the Company was

100%

of employees received regular performance and career development assessments.

100%

Item (during the reporting period)	Shanghai	Shenzhen	Xiamen	Wuhan	Chengdu	Total
Total number of female employees who actually used maternity leave	104	54	103	88	11	360
Total number of male employees who actually used paternity leave	112	41	217	186	8	564
The basic salary ratio of male and female frontline employees	1.0	1.0	1.0	1.0	1.0	1.0
The basic salary ratio of male and female non-frontline employees	1.1	1.3	0.8	1.0	1.1	1.0
The remuneration ratio between male and female of frontline employees	1.0	1.0	1.0	1.0	1.0	1.0
The remuneration ratio between male and female of non-frontline employees	1.1	1.3	1.0	1.1	1.1	1.0

Employee Care Activities

T-man activity

Cicada chirping in midsummer and lotus in full bloom, in this season of burning passion, more than a thousand college students of Grade 2021 from all over the world have reported one after another. With dreams, they joined Tianma and started their new journey of "T-PLAN".



Sports Season

In order to enrich the entertainment life of employees, give full play to the team spirit of employees, and enhance the enterprise cohesion between employees, the Company actively organized basketball, football, badminton and other activities every year.



Traditional Festivals

Whether it's New Year's Day, Spring Festival, Dragon Boat Festival or Mid-autumn Festival, every traditional festival, the Company organizes a wealth of celebration activities and warm holiday gifts for employees, so as to convey the Company's gratitude and blessing for their hard work.



Association

In order to enrich the spare time life of employees, activate their body and mind, strengthen the communication between employees, reflect the warmth of the collective, and enhance the cohesion of the enterprise, the Company has established a variety of clubs for employees, including basketball club, badminton club, yoga club, etiquette club, guitar club, dance club, love band, outdoor sports league, fishing club, photography club, electronic sports club, etc.



Sports Meeting

The Company organizes sports competition, interesting games, parent-child games, around the factory run, water carnival, etc. to combine sports competition with interesting games and bring you a visual feast of entertainment, sports and love.



Talent Show

Each base of the Company holds talent show. After work, Tianma people with talent will have a platform to show themselves. Performance forms have their own characteristics, integrating dance, sketch, opera, singing and other forms of expression, perfectly combining work and life with art.



Lecture on Mental Health

In order to help employees correctly understand the epidemic situation, maintain a good psychological state, strengthen psychological counseling and intervention, enhance employees' sense of security and mental health awareness, guide employees to learn to correct psychological adjustment, relieve psychological pressure, and eliminate job burnout, the Company carries out talks on employees' mental health from time to time.



Employee Exchange Meeting, Employee Representative Meeting

The Company holds employee exchange meetings/employee representative meetings from time to time. At the meeting, all employees actively spoke and put forward their own opinions or suggestions on the problems encountered in the current work. The Company's leaders also attach great importance to the questions raised by everyone, and answer them by seeking for employees' opinions and combining with the existing actual situation.



01 Employee Care Activities

Bear the storm together, and be with you

In mid-to-late July 2021, many places in Henan were hit by heavy rains, and Zhengzhou and other places suffered severe floods, and the personnel were severely affected. Facing the sudden floods, Xiamen Tianma attached great importance, and immediately conducted a comprehensive survey of the disaster-affected families of employees from Henan, had a detailed understanding of the damage caused by the disaster in the employee's family, formulated the warm heart visit program, and sent care and sympathy to the employee's family in the disaster area. From September 9th to 14th, 2021, Xiamen Tianma Branch and various departments organized visits and condolences, and distributed condolence money and consolation goods to employees as soon as possible to express the Company's cordial care and sincere condolences to the affected employees and their families, and the Company hoped they strengthened their confidence and rebuilt their beautiful homes as soon as possible.



02 Employee Care Activities

"Youth sailing for the blue sky" youth fellowship activity

On December 3, 2021, the Company organized employees to participate in the first-season youth fellowship activity of AVIC International's "Youth sailing for the blue sky". A total of more than 100 single young employees from 10 units in the Shenzhen area of AVIC International participated in this activity. Through acquaintance/team formation, creativity, immersion/playing games, getting gifts, dinner party/talent show, setting the atmosphere, heartbeat/sending stickers, like TA and other links, 11 pairs of aviation youth who are "hearted" with each other were produced.





Intimated Administrative Services

- The Company actively excavated the needs of employees, and solved the shortage of water resources in the morning peak by improving the water dispenser equipment and hardware.
- Hand cream, aromatherapy and green plants were added in the bathroom of the administrative building, and a shoe-changing stool was added at the shoe-changing place to solve the inconvenience of people wearing boots in winter.
- The shared umbrellas have been placed in the shuttle bus for those who forget to bring their umbrellas on rainy days.
- A shuttle bus from Songzhi Apartment to the Company has been added to provide convenience for accommodation staff.
- The Company organizes annual physical examinations for employees to help them understand their physical condition in time.
- The Company has provided doctor consultation services, and provided preferential drugs according to the season and flu-like symptoms to help employees recover quickly.
- Adjust the quality of regional green plants, change the landscape area, add new landscape shapes outside the hall, add green plants in the shoe-changing area and elevator rooms.
- The factory express cabinet has been updated to a brand supplier, so as to improve the brand and ensure safety.
- The administration department has brought happiness to employees by improving various details in life.

In response to the national call for garbage classification, the Company has implemented the requirements of the industrial zone, posted publicity posters, promoted for all employees, added required courses for employee training, sorted out the locations of trash cans, established a supervision and inspection mechanism, and formed a good atmosphere.

The Company actively promoted the national anti-fraud work, organized employees to install national anti-fraud APP, incorporated anti-fraud into the required course of induction training, set up anti-fraud specialists, contacted police officers and high-risk employees as soon as possible, and conducted special publicity for employees.

In order to implement the project of "I do practical things for the masses" for the Shanghai Municipal Party Committee, the trade union of the Shanghai Commission of Economy and Information Technology launched the "Everyday Benefit" activity. Through online satisfaction surveys, promotion of special food, online platforms and other forms, the mutual evaluation and inspection team of the employee canteens went to the employee canteens of each unit to conduct on-site evaluations and listened to the opinions and suggestions of the employees and the masses. Shanghai AVIC Optoelectronics won the title of "Four-star Employee Satisfaction Canteen". Shanghai AVIC Optoelectronics will introduce new meals according to the seasons, employee preferences and local characteristics; carry out monthly food management meetings to collect employees' personalized suggestions for restaurants and improve the suggestions accordingly.

FOR THE PARTNER

Common Development and Win-win Situation



Supplier Management

Since 2011, the Company has formulated a complete supplier management process, clarified the management requirements for resource strategy formulation, resource import/exit, assessment and evaluation; and the Company has regularly optimized processes/systems based on internal business needs, etc., and continuously improved supplier management system.

The Company's suppliers are mainly high-tech (LCD front-end materials) and labor-intensive (custom parts materials), supplemented by equipment manufacturing, spare parts agency, culture and education, and e-commerce. The dependence on labor of the labor-intensive suppliers is gradually reduced by improving the level of automation. As of December 2021, there were a total of 2,137 qualified suppliers in the Company's resource pool, including 654 productive suppliers (that is, suppliers of raw and auxiliary materials required to produce products), and 1483 non-productive suppliers (that is, related spare parts, fixed resources, non-production consumables and other suppliers). The Company has regularly assessed and evaluated suppliers the resource pool, identified potential resource risks, and made resource layout in advance to ensure the satisfaction, freshness and full competitiveness of the resource pool. In 2021, 106 new suppliers were introduced and 66 suppliers were eliminated; the Company continued to promote localized procurement, and the proportion of procurement expenditure from domestic suppliers was 58% in 2021. During the reporting period, there were no significant changes in the location of the Company's suppliers and the structure of the supply chain.

In 2021, the Company embedded the Company's CSR management requirements in the daily management, such as supplier selection, evaluation and performance appraisal, to ensure a more orderly and effective implementation of the Company's CSR goals, and to promote suppliers and Tianma to jointly practice corporate social responsibility.

In terms of signing CSR agreements with suppliers, the Company introduced 106 new suppliers during the reporting period, among which 95 suppliers have signed CSR agreements, with a signing rate of 90%. The procurement center continued to follow up the signing of the agreements, and made relevant terms constraints in PO orders at the same time to ensure that suppliers met the CSR management requirements of the organization.

• In Terms of Supplier CSR Risk Assessment

The Company organized environmental safety, legal affairs department, SQM and other relevant departments to conduct CSR risk assessment for all qualified suppliers in the resource pool in the fourth quarter of each year, it mainly assessed the CSR risk level from the supplier's industry type, enterprise nature, region and key performance (CSR agreement signing) and historical CSR poor records), and based on its current transaction situation, the management and control measures corresponding to each risk level was clarified. The Company organized key risk audits of major suppliers every year, and conducted pre-signing qualification audits for waste disposal and technical service manufacturers. In 2021, the percentage of new suppliers screened according to the environmental standards reached 100%. In the introduction stage, there was a special review on environmental protection, and two suppliers carried out the environmental impact assessment. During the reporting period, CSR risk assessment has been carried out on qualified suppliers in the resource pool, and 21 suppliers to be included in the 2022 supplier CSR on-site audit plan have been output.



• In Terms of Supplier CSR Audit

Based on the annual CSR risk assessment results and resource strategies, the Company has formulated the CSR South Nuclear Plan for the coming year, and regularly supervised and audited the CSR implementation of suppliers. During the reporting period, Tianma has conducted special CSR assessments and audits for 95 major suppliers, covering child labor, employment, labor relations, occupational health and safety, training and education, diversity and equal opportunities, anti-discrimination, freedom of association and collective bargaining, forced or compulsory labor, security practices, aboriginal rights, human rights assessment, local communities, public policy, customer health and safety, marketing and labeling, customer privacy, social and economic compliance and other aspects to assess supplier CSR work risks, and promote the suppliers to improve and implement. During the reporting period, it was not found that the supplier's employee's right to exercise freedom of association or collective bargaining was violated or at significant risk; it was not found that the supplier had a major risk of child labor incidents, not found that the supplier arranged underage workers to work in toxic and harmful positions; and it was not found that the suppliers had a significant risk of forced or compulsory labor. During the reporting period, there was no supplier with actual and potential significant negative social impacts through audit.



Cumulative suppliers who have conducted special CSR assessments and audits:

95

Number of suppliers with actual and potential significant negative social impact:

0

• In Terms of Supplier Performance Evaluation

The Company organizes SQM, R&D, environmental safety and other relevant departments to conduct performance assessments on core suppliers at the beginning of each quarter, and incorporates CSR/environmental abnormal events as key items into quarterly supplier performance assessments to ensure that suppliers' CSR performance meets Tianma's requirements. Key events include emergencies that may affect the Company's acquisition of new projects and opportunities to maintain/increment old projects, or cause in-plant shutdowns and major quality/environmental/CSR anomalies. No major CSR incidents were found in suppliers during the reporting period.



Topic 1: Material Cyclic Utilization/Recycling

In response to the national call for energy conservation and emission reduction, the Company cooperated with suppliers to promote the recycling and recovery of materials, scientifically and reasonably improve the utilization rate of materials, and reduce solid waste emissions. The Company identified cyclic utilization/recyclable materials, clarified relevant standards and process requirements for cyclic utilization/recycling, and organized suppliers to sign relevant agreements to follow up the implementation in real time. In 2021, 6.3KK blister trays were recycled, and more than 1,400 tons of solid waste was indirectly reduced. The Company's EPP box recycling has been cleaned for 350,000 throughout the year; 118.7 tons of PVC gloves were recycled, 8.7 tons of nitrile gloves and 8.1 tons of tin slag were recycled.

Annual recycling/ blister trays	Reduce solid-waste emission/ton
6.3KK	1400+
PVC glove recycling/ton	Nitrile glove recycling/ton
118.7	8.7
Solder splash recycling/ton	EPP box recycling annual cleaning/ten thousands of times
8.1	35



Topic 2: Supply Chain EHS Management

The Company attached great importance to the EHS management of the supply chain, gave full play to the influence of its own industry leaders, actively affected and led suppliers to undertake more corporate social responsibilities, and encouraged suppliers to make continuous improvements in various aspects such as environmental protection, safety, and occupational health. The Company regularly conducted comprehensive on-site EHS audits of major suppliers at the next level, evaluated the safety and environmental protection risks of suppliers from the legal operation, law-abiding emissions, and law enforcement. The findings of the audit process were included in the supplier's annual evaluation, the continuous improvement of suppliers was promoted, and a benign relationship of simultaneous progress and joint construction of a green supply chain was formed with the entire supply chain.

Customer Relations

Marketing in 2021

Time	Name
February 2021	ResMed Online Roadshow
March 2021	World Embedded Exhibition in Germany
April 2021	The 9th China Electronic Information Expo (CITE 2021)
April 2021	2021 Shanghai International Automobile Industry Expo
May 2021	China International Medical Equipment Fair (CMEF)
May 2021	2021 American SID Exhibition
May 2021	AUTO TECH 2021
May 2021	The 2nd China Automotive Quality Technology Conference
July 2021	FAW Science and Technology Festival
July 2021	2021 Chengdu Electronics Exhibition
September 2021	Walk into GAC event
October 2021	China Automotive Supply Chain Conference
October 2021	2021 C-touch & Display Shenzhen
December 2021	2021 Micro-LED Ecological Alliance Conference
October 2021-January 2022	The Group's digital exhibition hall is online



Customer Satisfaction Management in 2021

The Company insists on taking customers as the core, continuously optimizes the overall business operation process, and continuously improves customer satisfaction. At present, the Company mainly serves China, Europe, America, Japan, South Korea, India and other markets. The products of the Company are widely used in smart phones, tablet computers, smart wearing, vehicle displays, medical displays, industrial control displays, aviation displays, and smart homes.

The Company has always adhered to the principle of product quality first. When launching any product, the Company will strictly follow the new product development process and project management process, and organize related technical, process, and supply chain personnel to conduct a comprehensive development evaluation. A complete reliability test will be carried out after the product is produced, and the product will be launched after passing the test.

In order to ensure that the Company's products and service quality meet customer requirements, the Company selects target customers for once customer satisfaction survey in accordance with the Customer Satisfaction Management Procedures as well as the business communication, new product development support, quality service, delivery & logistics, product & price, etc. After collecting and summarizing customer satisfaction data, the customer service department is responsible for summarizing and analyzing the output report, submitting it to management review, determining improvement projects and implementing improvement.

In 2021, the Company had no legal proceedings related to the anti-unfair competition law and anti-monopoly law. The Company operated in accordance with the law, and the sales of prohibited markets and prohibited substances involved in the Company's products were expressly prohibited. In 2021, there were no incidents of fines or warnings due to violations of laws and regulations related to marketing, product/service health and safety, product/service information and labeling, and no violations of relevant marketing (including advertising, promotion and sponsorship) or voluntary code events.



Some Customer Awards in 2021



HONOR “Quality Excellence Award”



OPPO “2021 Quality Excellence Award”



VIVO “2020 Best Quality Award and Quality Excellence Award”



Lenovo “Perfect Quality ”



TRANSSION “2021 Most Valuable Partner and Technology Innovation Award”



CNCC “Outstanding Performance Award”



Lexmark “Best Quality Service&Performace 2021”



JABIL “Golden Quality Award-2021”



Siemens “2020 Outstanding contributor”



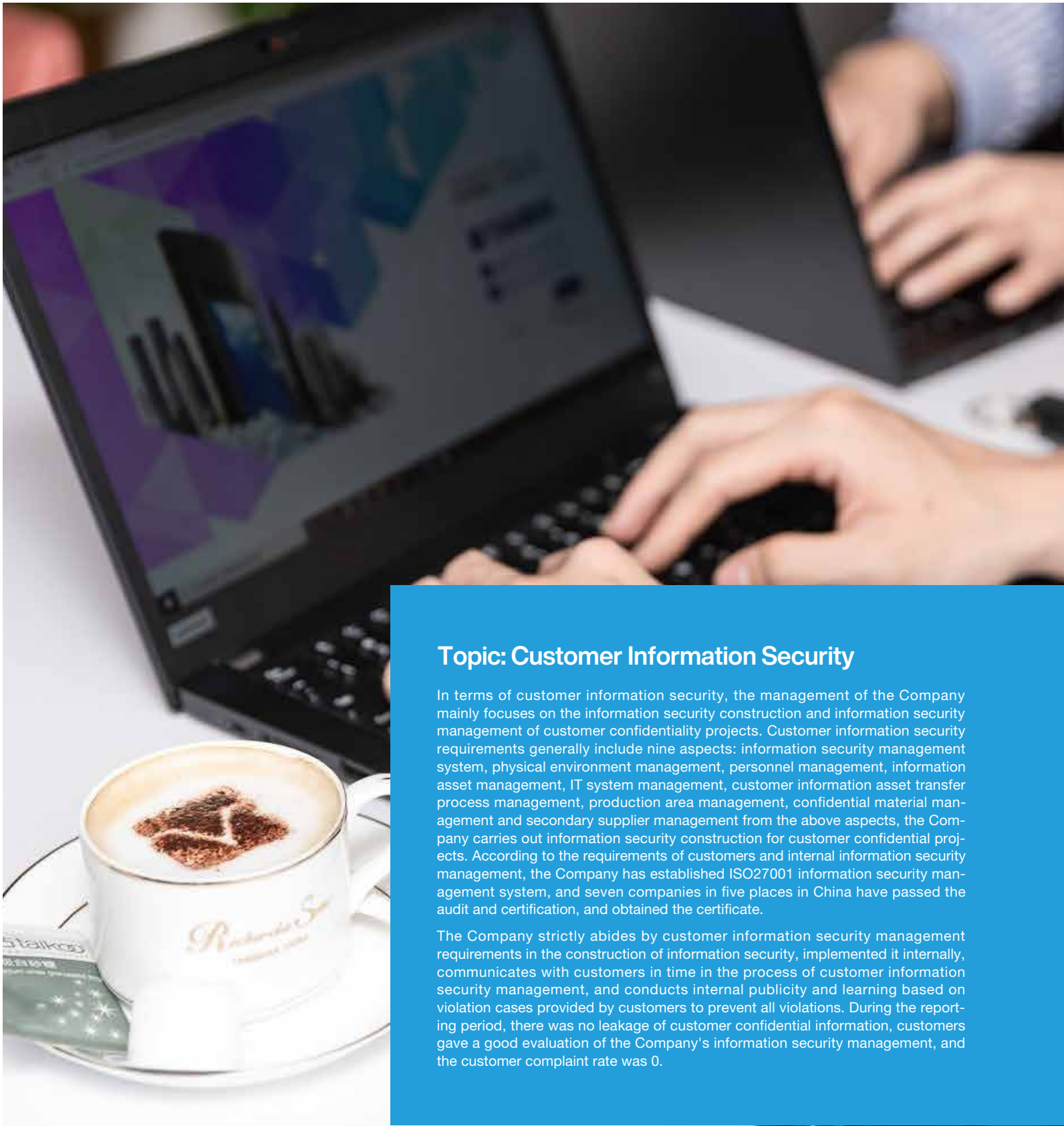
Wistron “2020 Outstanding Quality Supplier”



GEELY “Best Fellow Traveler”



SANY “2021 Outstanding Quality Supplier”



Topic: Customer Information Security

In terms of customer information security, the management of the Company mainly focuses on the information security construction and information security management of customer confidentiality projects. Customer information security 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 from the above aspects, the Company carries out information security construction for customer confidential projects. According to the requirements of customers and internal information security management, the Company has established ISO27001 information security management system, and seven companies in five places in China have passed the audit and certification, and obtained the certificate.

The Company strictly abides by customer information security management requirements in the construction of information security, implemented it internally, communicates with customers in time in the process of customer information security management, and conducts internal publicity and learning based on violation cases provided by customers to prevent all violations. During the reporting period, there was no leakage of customer confidential information, customers gave a good evaluation of the Company's information security management, and the customer complaint rate was 0.

FOR THE COMMUNITY

Positive Feedback and Selfless Dedication

Targeted Poverty Reduction

Keep the original intention and bear the mission to promote the targeted poverty reduction

In 2021, the Company continued the employment poverty reduction policy, and actively participated in the fixed-point labor employment poverty reduction project, online special recruitment for targeted poverty-stricken counties and other activities, recruited 33 migrant workers from the poverty-stricken counties targeted by the aviation industry, and 2,656 migrant workers from other central enterprises targeted poverty alleviation counties, and a total of 2,689 people, including 186 registered poor students from Luodian County in Guizhou, Haiyuan County in Ningxia, Luanchuan County in Henan, Gushi County and other places to come to the Company for internship.

The Company has established school-enterprise cooperation in Haiyuan County of Ningxia, Luanchuan County of Henan Province and other relatively poor areas, to train the local poor personnel, help file and file poor households to carryout targeted poverty alleviation in terms of employment. We hope to achieve the goal of "One person employment and family poverty alleviation" through labor transfer.



School-enterprise Cooperation

In order to strengthen the communication between the Company and colleges and universities, provide high-quality talent input for the Company, and provide students with extracurricular learning and practice opportunities, strengthen the employment guidance of students, and promote the growth of students, the Company has organized a number of school-enterprise cooperation activities, including Shanghai University, Hefei University of Technology, and Donghua University, etc. The activities were mainly divided into 4 links, including company introduction, introduction to campus recruitment policy, visit to smart factory, and on-site Q&A. In addition, the Company also arranged the visiting university alumni to share on-the-job experience; while sharing the experience, the alumni also put forward some suggestions on the school's employment and talent training methods, so as to provide suggestions for cultivating outstanding talents well. During the whole school-enterprise cooperation activities, the students expressed that they not only had a full understanding of the display industry, but also had a preliminary understanding of our Company's main business through the visits and exchanges, and at the same time, the activity played a very important reference role for their future career planning and engaging in related industries.

In 2021, the Company signed a school-enterprise cooperation talent training and employment base agreement with Xiamen University and other colleges and universities. Both schools and enterprises will establish a strategic partnership through internships and employment, joint construction of modern industrial colleges, and curriculum development, and they will give full play to its own advantages, to achieve powerful combination, complementary advantages, cooperation, win-win and common development. Every year, nearly 50 outstanding students from colleges and universities that cooperate with schools and enterprises join the Tianma family and become members of T-MAN, so as to lay a solid foundation for the Company's talent pool and supply.



Navigation Plan

The "Navigation Plan" Challenge is a special talent project for the Company to select outstanding talents. It creates dreams with science and technology and provides a platform for the Company and students to display and communicate. The project was officially launched on April 9, 2021. Through registration, preliminary rounds, semi-finals, and finals, 34 teams participated the project, and hitting a new high. After several rounds of fierce confrontation, 8 teams entered the semi-finals and 3 teams entered the finals. The finals were divided into online open classes, online defense, on-site review of the review meeting, and cloud living and voting, etc. The whole event lasted for nearly 3 months, covering 77 colleges and universities across the country, fully promoting the Company's employer brand, and at the same time, making great contributions to the employment of students under the epidemic.

School-enterprise Co-construction

In November 2021, representatives of Xiamen Tianma Company visited the schools in Xiang'an District that have established school-enterprise cooperation with Xiamen Tianma and TM18, and held discussions on the current schooling of the employees' children and the joint construction of schools and enterprises. In this school-enterprise activity, Xiamen Tianma donated red educational books and teaching aids for primary and secondary schools designated by the Ministry of Education to the school. Company representatives held discussions with primary schools about the schooling situation of the employees' children, and exchanged opinions with the school on the future development plan of school-enterprise work. Xiamen Tianma has always adhered to the corporate culture spirit of "actively fulfilling corporate responsibility and improving the happiness index of employees", paying attention to the lives of employees and the education of employees' families and children, and continued to increase investment to create an atmosphere of "happy work and happy life" for employees. It can effectively solve practical problems for the company's employees and eliminate worries in life.

Serving the Community, Caring for the Environment

01 Company Headquarters

Tianma Volunteer Association: "Together with Future" Volunteer service for Environmental Protection

On March 27, 2021, Tianma Volunteer Association launched the "Together with future" volunteer service for environmental protection at the Shenzhen Youth Environmental Protection Education Base (Shahe, Shang U Station), and carried out activities such as beach cleaning and water quality testing for the Dasha River.

From the once black and odorous water to the clear river now, and the ecological corridor has been built on the river bank, the appearance of Shenzhen Dasha River has undergone great changes, and the Dasha River ecological landscape corridor has also become a good place for citizens to take a leisurely stroll. Volunteers started beach cleaning activities and picked up bags of garbage around the beach. In addition to garbage treatment, volunteers also tested river water samples. The first was visual inspection, and the second was test paper testing, including testing water quality samples for nitrogen, phosphorus, acid-base, dissolved oxygen, etc. After the volunteers have completed the testing, they recorded the relevant data and reported the data in time.



02 Xiamen Tianma

Tianma Sunshine Running Group Helps Platinum Xiamen Tianma

After the national epidemic prevention battle in 2020, the Xiamen Marathon recovered as expected on April 10, 2021. With the support of the Company's labor union, the Xiamen Tianma Sunshine Running Group organized employees to spontaneously set up a team of athletes and volunteers to participate in and serve this platinum feast. In addition, 9 social volunteers have also been specially integrated into the organization of the running team, so as to build a bridge between the company running team and the social volunteer team. Through this event, everyone gained not only the 42.195km track experience, but also the encouragement of each other and the spirit of not giving up on the track, and a sense of social responsibility of being willing to give, daring to take responsibility, and knowing how to be grateful.



Sowing Colorful Dreams, Inheriting the Original Red Heart

Xiamen Tianma Party Committee carefully organized and planned the "Colorful Dreams. Each Class Has a Book Corner" Tianma Love Book Corner (Phase II) public welfare student aid activity to present the 100th anniversary of the founding of the Communist Party of China. The activity has received strong support from 11 party branches and groups including the company's party committee. A total of 11 book corners and a total of 22,000 yuan of donations have been donated to provide nearly 800 sets of children's books for a total of 11 classes in 2 schools. The student aid project will be carried out continuously in the form of donations. It is hoped that more branches and departments will participate in it, to help the Company to fulfill its social responsibility and make the "Tianma Love Book Corner" continue to shine.



03 Wuhan Tianma

Science and Technology Build Dreams, Young People Go First

"Do you know the three primary colors of the panel?"

"What screens are visible around us?"

"What kind of display does Wuhan Tianma G6 produce?"

In the afternoon on August 30, 2021, a unique science lecture was held in Wuhan G6. On the podium, Meng Qing, a member of the Wuhan Tianma Youth League Committee, gave a lecture on "The predecessor of the screen, the origin of the panel". 20 primary and middle school students from Zuoling Yuquan Community were the main characters.

The panel screen is an indispensable part of our lives, but few people know how the panel is made. In order to let the students feel the charm of technology at close range, Zhang Liang, secretary of the ninth party branch of Wuhan Tianma, served as a lecturer and introduced the development history of Wuhan Tianma, the principle of panel production and the operation process of the smart factory.

At the popular science lecture after the visit, Miao Sheng, Secretary of the Youth League Committee of Wuhan Tianma, delivered a speech on behalf of the Youth League Committee of the Company, and put forward some expectations to the students in Zuoling Yuquan Community after introducing the members of the Youth League Committee and the construction process of Wuhan Tianma. He hoped that the students consolidate the learning foundation, pay attention to the physical and chemical knowledge to be learned, and hoped that today's activities can build a dream of science and technology in the hearts of the students, and the students can continue to explore and learn in the future.

The following popular science lecture can be full of wit and humor. Lecturer Meng Qinglai led the students to experience a "screen factory adventure", introduced today's theme from the screen that can be seen everywhere, and explained the predecessor of the screen and the origin of the panel to the students in easy-to-understand language. The students listened to the lectures carefully, took notes carefully, and there was a question-and-answer session with prizes. The students interacted enthusiastically, not only took away the souvenirs of the event, but also learned knowledge other than textbooks.



"Going to school, what are your wishes for the new semester?" "The new schoolbag is so cool, I want to put the new book in immediately!" Zhang Jian, vice chairman of Wuhan Tianma Labor Union, sent micro-wish materials to the 20 students participating in the activity, and genially exchanged with the children for their wishes in the new semester. This year is the second year of "Science and Technology Building Dreams for Youth" theme science day carried out by Wuhan Tianma. The Youth League Committee of Wuhan Tianma took popular science lectures as the theme. The Party Committee led the group and the community to jointly build and claim the micro wishes of 33 children from Yuquan Community, and practiced the corporate social responsibility by lighting the micro wishes, building a heart-to-heart bridge and deepening the connection between Wuhan Tianma and the local community streets. Next, the labor Union of Wuhan Tianma continued to promote the micro-wish claiming activity together with the street community, and contributed Tianma's efforts to help more poor families.

In the future, the Youth League Committee of Wuhan Tianma will promote "Science and Technology Building Dreams for Youth" normally as the Wuhan Tianma group building brand. On the occasion of the National Science Popularization Day every year, primary and secondary school students from the street community are invited to visit and study in Wuhan Tianma, so as to stimulate the curiosity of teenagers to explore the unknown things, cultivate teenagers' interest in learning, loving, speaking, and using science, and ignite their dreams of science and technology.

Love Warms Childishness, Youth Volunteers

On March 6, 2021, the Volunteer Service Team of Wuhan Tianma carried out the "Learning from Lei Feng and Warming the Childishness" volunteer service activity together with the Youth League Committee of Zuoling Street and the Youth League Committee of Zhizao Park, so as to send cordial care and greetings to the stay-at-home children in the community. With the rustle rain, volunteers came to the youth space of Yuquan Community to do handicrafts with the children. The children showed their purest smiles during the interaction process. Then, under the leadership of community staff, volunteers visited the stay-at-home children one by one to learn about the learning and living conditions of the children, understand their difficult needs, and distribute learning and living materials to them. These stay-at-home children expressed their sincere gratitude to the volunteers for their love. Wuhan Tianma will continue to go ahead with love, further combine the functions of the Communist Youth League to give full play to the spirit of volunteer service, and contribute to the healthy and happy growth of teenagers.



Zuoling Xianglong Community, Wuhan Tianma Army Day and Theme Party Day Activities

In order to celebrate the 100th anniversary of the founding of the Communist Party of China and commemorate the 94th anniversary of the founding of the Army Day, thoroughly implement the party history learning and education, remember the revolutionary history, carry forward the glorious tradition, and strengthen patriotism education, Wuhan Tianma Party Committee and Zuoling Xianglong Community welcomed the coming of the Army Day with a "special" theme party day activity on July 31, 2021 according to the related requirements of "double forward double service" and "sinking community of Party members".

The site of activity went to the Cinema of China State Construction Engineering Corporation optical valley from the usual conference room. 30 young volunteers from Wuhan Tianma and 37 veterans from Xianglong community revisited the oath of joining the party, discussed and exchanged views, and watched the modern revolutionary film Revolutionaries. Before starting the film, the old party members from the Zuoling Xianglong community wore the souvenir medal of "Glory in the Party for 50 Years" and led everyone to revisit the oath of joining the party. Then Zhu Chunfeng, Yu Fei, the veteran representatives of Wuhan Tianma and Master Zhou, Xianglong Community told their experience in the army and the party.

This theme party day celebrated the Army Day with the "open way" of watching movies and communicating, and implemented the learning and education of party history, which was a new attempt for Wuhan Tianma and the community. Many of the young volunteers of party members participating in the activity were 2021 graduates. As their first collective activity after joining Tianma, it was fresh, vivid and shocking. The Company's party committee hoped to let them integrate into the Company and the optical valley as soon as possible through theme activities, so as to show the mission and responsibility of young people in the new era.



04 Shanghai AVIC Optoelectronics

Poverty Reduction, Help the Disabled, and Show Responsibility of the Times

In 2021, Shanghai AVIC Optoelectronics actively responded to the national call for poverty reduction and helping the disabled, joined the Inner Mongolia Disabled Employment and Poverty Alleviation Project, employed 10 Inner Mongolia disabled employees, and adopted the base employment model to help disabled employees integrate into society well, fully develop their employment potential, earn their own living, and improve standard of living, so as to contribute to the poverty alleviation of the local industries. More than 1,000 bottles of linseed oil planted by the Company's disabled employees in Inner Mongolia for one year were sent to Shanghai AVIC Optoelectronics from Ulanqab, Inner Mongolia, and the delivery was successfully completed on December 22, 2021.

The Company will work with all walks of life to actively carry out various poverty reduction and disability assistance activities, fulfill social responsibilities, and the responsibility of the times.



05 Shanghai Tianma

The nation is united as one family to build the Chinese dream together

On February 9, 2021, hosted by the Party Construction Office of Heqing Town and undertaken by Shanghai Tianma, the "The nation is united as one family to build the Chinese dream together" Spring Festival tea party for representatives of ethnic minorities staying in Shanghai was held in Shanghai Tianma. 15 representatives of ethnic minorities from different ethnic groups staying in Shanghai for the Spring Festival gathered together to talk about their work experience, share the festival folk customs of various ethnic groups, recall the taste of their hometowns, and talk about the new year. Yan Chunfeng, a member of the Party Committee of Heqing Town, attended the activity. The activity also specially invited Wang Xiaochun, a cadre of the National Religion Office of the United Front Work Department of the District Party Committee, to come to the scene.



"Love the Double Ninth Festival, and Respect the Elderly" Condolence Activity for the Double Ninth Festival

The setting sun is infinitely good, and the society respects the venerable veterans. On the occasion of the annual Double Ninth Festival, in order to carry forward the fine tradition of respecting and loving the elderly of the Chinese nation, the Shanghai Tianma Party Committee and the party organizations of Yonghong Village, Hongxing Village, Qingxing Village and Qingfeng Village carried out "Love the Double Ninth Festival and Deep Respect for the Elderly" condolence activity for the Double Ninth Festival in October 2021, so as to send festive blessings to the elderly.



06 Chengdu Tianma



Spring returns to the world, the grass and trees are beginning to sprout

On March 12, 2021, Chengdu Tianma carried out the Arbor Day activity with the theme of "Practice Green Promise with Action and Promise a Better Tomorrow to Ecology". Everyone turned into a green guardian, shoveling soil, fertilizing and watering, taking care of small saplings and guarding the greenness of Tianma.

Volunteer Service Activity of ""Different Kinds of Life, Love in Tianma"

In order to further meet the growing demand for sports and fitness of the disabled group, the Company encourages disabled people to have self-esteem, self-confidence, self-improvement, and self-reliance to improve their sense of happiness and satisfaction in their lives, and drive more disabled people out of their homes. On May 16, 2021, with the cool breeze, Chengdu Tianma volunteers started their long-anticipated volunteer service activities.

At the beginning of the activity, teachers from the Party and Mass Service Station in Tianquan Community, Xiyuan Street gave a short training to the volunteers, introducing various assistance activities and notes. Then, the assistance activities were carried out in full swing. Volunteer activities included concerted efforts, bowling, hitting red stars, and fixed-point shooting. Volunteers helped in groups. Facing the bright smiles of disabled friends, volunteers were active and patient to accompany disabled friends to participate in activities with the spring-like warmth and summer-like enthusiasm.

The activity promoted the concept of "going out of the home" to the disabled friends, enriched the life of the disabled, and helped the disabled friends to integrate into the society well. The activity ended successfully with grateful applause. Disabled friends were very satisfied with the activity and expressed their hope to hold more similar activities in the future. At the same time, the volunteers felt a lot and felt smiles and happiness in the assistance activities. After seeing this volunteer activity, other partners expressed their hope that they will have the opportunity to participate in such activities.



School-enterprise Cooperation, Lighting Up the "Vision" World

On the occasion of Children's Day, Chengdu Tianma welcomed more than 140 teachers and students from Tianying Kindergarten in Chengdu High-tech Zone. Adhering to the original intention of "I do practical things for the masses", they arranged a "special" technology experience journey for the children, so as to help the children light up the "vision" world and set sail for their dreams.

The employees of Chengdu Tianma fully considered the actual situation of the children, specially arranged an exhibition area suitable for their height, and specially designed an interesting experience session for the children.

On May 18, 2021, parents accompanied the children to Chengdu Tianma Plant. Chengdu Tianma employees maintained the order of traffic and visitors, and conducted morning inspections and gatherings for the children together with kindergarten teachers, and did a good job in epidemic and disease prevention and control. In order to ensure the safety of students visiting, Chengdu Tianma and Kindergarten have organized teachers to visit the site for many times and understand the actual situation, identify the escape route for emergency accidents, and carry out on-site hidden danger investigation.

The visit and experience activity was carefully designed for the children, and four visiting areas were arranged: the Company's exhibition hall, product area, experience area and visiting channel, aiming to let children have an enlightening understanding of LCD panel display technology and enterprise production. The kindergarten took the class as a unit, and led the group to visit and experience learning.

The exhibition hall mainly showed the Company's main product applications and product types to children, so that children can have a deeper understanding of the sources of products in real life (such as mobile phone screens, car navigation, etc.), then their horizons can be broadened. Through the visiting experience of the visiting channel, the children learned about the operation of the automation equipment on the spot, and had an intuitive understanding of the production line. The product area and experience area brought a lot of joy and curiosity to the children. They not only "touched" the color changes of the LCD panel and experienced the splendor of the micro world, but also more clearly understood the daily safety production of enterprises, and the children were deeply impressed. Deep attraction, and had deep hugs to uncles and aunts wearing protective clothing and clean suits.

Growth means exploring and discovering step by step, acquiring knowledge in practice, and cultivating and exercising the comprehensive abilities of children. This "School-Enterprise Cooperation, Lighting up the "Vision" World was both interesting and useful. It has well opened up the "vision" world of the kindergarten children, allowing the children to experience the charm of technology. It was a memorable enlightenment activity and the best gift for Children's Day.



07 Tianma Europe

Floods were ruthless, Tianma was affectionate

On March 14, 2021, the Ahrtal region of the German Rheinland-Pfalz was hit by catastrophic flooding, causing heavy casualties and property damage. Weihs Landgasthof was an affected hotel in Ahrtal region. Before the flood, Weihs Landgasthof traditionally baked Christmas cakes every year. Sudden flood devastated their village, damaged their hotel and their yard, and the old ovens baking traditional Christmas cakes became the victims. Fortunately, the secret to baking Christmas cakes has been preserved. During Christmas 2021, Weihs Landgasthof launched the "Flood Brand Fruit Sweetbread", a Christmas cake symbolizing hope. In order to support Weihs Landgasthof in rebuilding their hotel and yard, Tianma Europe purchased the "Flood Brand Fruit Sweetbread". Tianma Europe not only helped the Weihs landgasthof rebuild their homes by purchasing the "Flood Brand Fruit Sweetbread", but also provided donations and on-site assistance to flood victims in Germany.



Practicing to reduce carbon footprint, planting trees to add greenery and help reduce carbon

Tianma Europe practiced the concept of reducing carbon footprint and environmental protection, requiring products to meet high environmental standards, and only using paper and other items with ISO 14201 labels; and through the use of water dispensers, the carbon emissions of beverages caused by transportation and other links have been reduced.

In 2021, Tianma Europe planted 100 trees that can absorb about 1 ton of carbon dioxide per year.



Charity Donation Activity of "Let's act together and challenge 15,000 kilometers to Shenzhen"

In order to encourage employees to keep fit, travel green, and practice the concept of public welfare, in 2021, Tianma Europe launched the "Let's Act Together and Challenge 15,000 kilometers to Shenzhen" charity donation activity. 50% of the employees participated in this challenge. The mileage of employees walking/cycling was recorded through the App. The total mileage of participating employees reached 28,000 miles, exceeding the goal. Tianma Europe doubled the donation amount, and 2,000 Euros have been donated to organizations such as animal charities.



Anti-epidemic Topic

In 2021, in the face of the COVID-19, the Company always adhered to the overall prevention and control strategy of "prevent input cases from foreign counties, prevent rebound in domestic", strengthened "prevent human and articles", continued to do a good job of normalizing, scientific, and precise prevention and control of the epidemic, strengthened epidemic prevention and control so as to effectively protect the health and safety of employees.

The Company 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 Company's epidemic prevention strategies in time, and formulated and improved epidemic prevention and control emergency procedures. The Company 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 Company accurately grasped the dynamics of personnel, advocated not to leave the city where they work if unnecessary, did not gather, did a return inspection before returning to work, and cooperated with local epidemic investigation, nucleic acid testing, medical observation and other measures.

The Company strengthened the inspection and control of foreign personnel entering the factory for epidemic prevention, and strengthened personal health protection and monitoring. The Company strictly followed the epidemic prevention strategy, wearing masks, washing hands frequently, ventilating more, going out less, and maintaining a safe social distance. The Company consolidated the prevention and control of key places, and "prevent human and articles", strengthened the environmental disinfection of key places such as canteens, cold storages, and garbage points, and strengthened the work protection and health management of cross-border vehicle personnel, cold chain, catering employees, security, cleaning and other key personnel.

The Company continued to pay attention to the development of the epidemic situation and was fully prepared for the epidemic prevention and control work, implemented detailed measures and guarantees to ensure the health and safety of personnel, adhered to the principle of openness and transparency, and announced the latest situation, policy measures and work progress of epidemic prevention and control as soon as possible, and strengthened the publicity of scientific prevention and control measures to increase employee confidence.



Appendix

GRI Index Table (General Disclosure)			
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	G406 Anti-discrimination	406-1 discrimination incidents and corrective actions	P53
	G407 Freedom of association and collective bargaining	407-1 the operation sites and suppliers that may face risks in freedom of association and collective bargaining right	P53
	G408 Child labor	408-1 operating sites and suppliers with significant child labor risk	P53
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	GRI410 Security practice	410-1 security personnel trained in human rights policies or procedures	P53
	G412 Human rights assessment	412-1 operating sites subject to human rights review or impact assessment 412-2 training of staff in human rights policies or procedures	P18 P18、 54
	G413 Local community	413-1 operating sites with local community involvement, impact assessment and development plans	P20、 77-88
	G414 Supplier social assessment	414-1 new suppliers screened using social standards 414-2 negative impact of supply chain on society and actions taken	P70-71 P71
	G416 Customer health and safety	416-1 assessment of health and safety impacts on product and service categories 416-2 violations involving the health and safety impact of products and services	P45-47 P46、 74
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	G418 Customer privacy	418-1 proven complaints relating to violations of customer privacy and loss of customer information	P76
	G419 Social economic compliance	419-1 violation of laws and regulations in the social and economic fields	P74

Appendix

Benchmarking Table of United Nations Sustainable Development Goals

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01eliminate poverty	Targeted poverty reduction	P77-78
03good health and well-being	Intimate administrative services	P67-68
04high quality education	School-enterprise cooperation	P79-80、 83、 88
05gender equality	Number of employees, human rights protection, compensation and welfare performance	P52、 53、 59
06clean water and sanitation facilities	Intimate administrative services, energy conservation and emission reduction	P68、 P40--42
07economical clean energy	Protect the environment	P39-43
08decent work and economic growth	Business development	P16
09industrial innovation and infrastructure	Technological innovation and leading, intellectual property protection	P9-12、 P33-34
11sustainable cities and communities	For the community	P77-P90
12be responsible for consumption and production	Green products and services, green logistics, supplier management	P44-48、 70-72
13climate action	For the environment	P39-50
16peace, justice and strong institutions	Clean operation, good human rights protection and employee relations	P30-32、 53
17partnerships promoting the achievement of goals	Technological innovation and leading, for the partner	P9-12、 69-76

Associations and Organizations Joined

The Company has been actively involved in the development and revision of relevant international Organizations Joined standards, national industry standards and alliance standards. In 2021, the Company continuously served as the Vice Chairman organization of the National Electronic Display Standardization Committee (SAC /TC547) of the industry counterpart of the National Standard-ization Management Committee, and member organization of National Semiconductor and Material Standardization Technical Committee (SAC /TC203). In 2021, the Company led and participated in the formulation of several national industry standards through the above standardization organizations, of which two LCD national standards formulated by Tianma Company have been issued and effective by the National Standards Commission in October 2021, which has strengthened the Company's voice rights in the field of new display technology, and further consolidated the Company' s industry status.

Liquid Crystal Branch of China Optoelectronic Industry AssociationExecutive Vice President
China OLED Industry AllianceExecutive Vice President
China Electronic Chemical New Material Industry AllianceManaging Director
China Association of Listed Companies..... Member Organization
National Display Industry Measurement and Testing Alliance.....Vice Chairman Organization
National Electronic Display Standardization Committee Vice Chairman Organization
National Technical Committee for Semiconductor and Material Standardization..... Member Organization
Automotive Information Service Industry Application Alliance (TIAA)..... Council Member
Virtual Reality Industry Alliance Alliance Member
Shenzhen Federation of Industry Vice President
Shenzhen Flat Panel Display Industry Association..... Vice President
Shenzhen Hi-tech Industry Association.....Ordinary Member
Member of Shenzhen Optoelectronic Display Industry Patent UnionOrdinary Member
Shenzhen Association of Listed Companies..... Member
Shenzhen Advanced Manufacturing Federation Vice President
Shanghai Optoelectronics Industry Association Vice President
Sichuan Tablet Industry Association..... Vice President
Second Generation Interactive Display Collaborative Research Committee of ElectricsCommittee Member
Shenzhen Quality Promotion Association..... Member
Pudong Optoelectronic Industry Association Vice President
Xiamen Electronic Information Industry Chamber of Commerce Vice President
Xiamen Intellectual Property Society Vice President
Shanghai OLED Industry Alliance..... Vice President
Xiamen Investment Association of Enterprises directly under the Central Government Member
Xiamen Torch Hi-tech Zone Industry Federation.....President
Xiamen Hi-tech Development AssociationOrdinary Member
Intellectual Property Alliance of Photoelectric Display Industry in Xiamen, Fujian Province.....Director
School-enterprise Cooperation Alliance of Xiang'an District.....Director
Hubei Semiconductor Industry Association..... Vice President
Chengdu New Display Industry Association..... Vice President
SID Display Industry Award CommitteeCommittee Member
SID Japan Chapter Advisory CommitteeCommittee Member
AM-FPD (Workshop on Active-Matrix Flat Panel and Displays and Devices) Program Committee Committee Member
SSDM (International conference on solid state devices and materials) program committeeCommittee Member
文部科学省科学技術専門家ネットワーク Deputy Director
電気学会第三期次世代インタラクティブディスプレイ協同研究委員会Committee Member
計測自動制御学会.....Committee Member
日本バーチャルリアリティ学会Committee Member
AM-FPD (Workshop on Active-Matrix Flat Panel and Displays and Devices) Steering Committee Vice president

Appendix

Glossary of Terms	
Term	Notes
GRI	Global Reporting Initiative
AMOLED	Active Matrix/Organic Light Emitting Diode
Mirco-LED	Mirco Light Emitting Diode
PPI	Pixels per inch
CFOT	Color Filter On TPOT （TPOT）
FOD	Fingerprint on display
CUP	Camera under Panel
LCD	Liquid Crystal Display
CUP-LCD	Camera under Panel LCD
HMI	Human Machine Interface
LTPS	Low Temperature Poly-silicon
ICDT	International Conference on Display Technology
CSR	Corporate Social Responsibility
EHS	Environment、Safety、Health
HSF	Hazardous substances free
EPP	Expanded polypropylene
KWH	kiloWatt-hour，lkW4h=l
AED	Automated External Defibrillator

Reader Feedback Form

Dear readers:

Hello! Thank you for reading Tianma's Corporate Social Responsibility Report 2021. Tianma welcomes your comments and suggestions very much. Thank you very much!

Tianma Microelectronics Co., Ltd.
March 2022

Report appraisal	Balance	Comparability	Accuracy	Timeliness	Reliability	Definition
About Us						
Bear the social responsibility and accountability						
Appendix						

Note: each evaluation index is divided into 5 levels, 1 is the lowest score and 5 is the highest score.

Name

Work unit

Telephone

Email

What are your expectations for the next report?

For more details, please refer to the Company's Annual Report 2021.
This report is available in both online and print versions
The online version of this report and the Company's Annual Report 2021 can be read on this website
(http:// www.cninfo.com.cn/new/index).