TCL

Worldwide Olympic Partner

2024

TCL TECHNOLOGY GROUP CORPORATION

Environmental, Social, and Governance Report

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About the Report

Reporting Period

TCL Technology Group Corporation's 2024 Environmental, Social and Governance Report (hereinafter referred to as the "Report") is an annual report covering the period from January 1, 2024 to December 31, 2024 (hereinafter referred to as the "reporting period"). To enhance the completeness of the Report, some of the information and data might exceed the above range.

Organizational Scope

Unless otherwise stated, the scope of disclosure in this Report is consistent with the *TCL Technology Group Corporation 2024 Annual Report*. The full names of the Organizational entities corresponding to the abbreviations appearing in the Report are listed below:

Term	Definition
TCL Tech., TCL Technology Group, the Company, We	TCL Technology Group Corporation and its subsidiaries
TCL CSOT	TCL China Star Optoelectronics Technology Co., Ltd. and its subsidiaries
Shenzhen CSOT	Shenzhen China Star Optoelectronics Semiconductor Display Technology Co., Ltd.
Wuhan CSOT	Wuhan China Star Optoelectronics Technology Co., Ltd.
Wuhan China Star Optoelectronics Semiconductor	Wuhan China Star Optoelectronics Semiconductor Display Technology Co., Ltd.
Suzhou CSOT	Suzhou China Star Optoelectronics Technology Co., Ltd.
Suzhou CSOT	Suzhou China Star Optoelectronics Display Co., Ltd.
Huizhou CSOT	Huizhou China Star Optoelectronics Display Co., Ltd.
Guangzhou CSOT	Guangzhou China Star Optoelectronics Semiconductor Display Technology Co., Ltd.
TCL CDOT	China Display Optoelectronics Technology (Huizhou) Co., Ltd.
Guangzhou ChinaRay	Guangzhou ChinaRay Optoelectronic Materials Co., Ltd.
Guangdong Juhua	Guangdong Juhua Printed Display Technology Co., Ltd.
TCL CSOT India	Panel Optodisplay Technology Private Limited
TCL Zhonghuan	TCL Zhonghuan Renewable Energy Technology Co., Ltd. and its subsidiaries
Highly	Highly Information Industry Co., Ltd.
MOKA	MOKA Technology (Guangdong) Co., Ltd.
MOKA International	MOKA International Limited and its holding subsidiaries
TPC	Tianjin Printronics Circuit Co., Ltd.
TCL Finance	TCL Technology Group Finance Co., Ltd
TCL Financial Technology	TCL Financial Technology (Shenzhen) Co., Ltd.

Reporting Cycle

This Report is published annually in conjunction with the annual report of TCL Technology Group Corporation. TCL Tech. has previously published CSR/ESG reports for 16 consecutive years to comprehensively and systematically disclose the Company's environmental, social and governance performance in response to the concerns of capital markets, regulators and other stakeholders.

Data Description

The data used in the Report are derived from relevant internal statistics, public reports, and third-party surveys or interviews etc..

Standards of Reference for the Report

- *Self-Regulatory Guidelines No. 17 for Companies Listed on Shenzhen Stock Exchange—Sustainability Report (For Trial Implementation)*
- Appendix C2 *Environmental, Social and Governance Reporting Code* issued by Hong Kong Exchanges and Clearing Limited (HKEX)
- Global Reporting Initiative (GRI) *Sustainability Reporting Standards*
- Sustainability Accounting Standards Board (SASB) Standards
- Recommendations of the Task Force on Climate-related Financial Disclosures (TCFD)
- UN Sustainable Development Goals (SDGs)
- The Ten Principles of the United Nations Global Compact (UNGC)

Report Reliability Assurance

The Company guarantees that the contents of this Report do not contain any false statements or misleading information. SGS provides assurance for the Report.

Where to Access the Report

This Report is available in both English and Chinese. You may visit the Company's official website at www.tcltech.com to download an electronic version of the Report and obtain more information on the Company's ESG and sustainable development.

Revision of Information in Previous Reports

None.

Contact Us

Thank you for reading this Report. If you have any interest in the content or any feedback or suggestions, please don't hesitate to contact us.

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Letter from the Chairman

Dear readers:

2024 was marked by global economic uncertainty, geopolitical shifts, and rapid advances in technology and artificial intelligence—all of which reshaped societies and industries. It also marked the 25th year of TCL's globalization journey. Guided by the vision of "becoming a world-leading technology-industry group," TCL Tech. remained focused on becoming an industry leader globally, expanded its international presence, sought new opportunities both at home and abroad, and continued to grow amid intense competition.

Sustainability remains a core part of TCL Tech.'s global and high-quality development strategy. In a complex global environment, strong performance in environmental, social, and governance areas is a defining trait of global industry leaders and a stabilizing force that anchors the Company's long-term value creation. Guided by its mission to "Building a Sustainable & Connected Future with Advanced Technology" and supported by a sound governance model, TCL Tech. has built a collaborative and efficient ESG system. This enables alignment with value chain partners and positions the Company to seize opportunities in carbon reduction and energy efficiency. Concurrently, TCL Tech. remains engaged in global initiatives that promote harmony, sustainability, and shared prosperity.

In 2024, TCL Tech. joined the UNGC—the world's largest corporate sustainability initiative—committing, alongside participants from nearly 170 countries, to adhere to its Ten Principles on human rights, labor, the environment, and anti-corruption. The Company also pledged to make ongoing contributions to the United Nations SDGs.

Operating under a board-led ESG governance structure, TCL Tech. continues to strengthen in-depth communication with stakeholders, embedding ESG practices into management and operations. This structure ensures strategic alignment, improves ESG risk identification, and oversight from planning to execution, enhancing the Company's resilience in a fast-changing global environment.

As climate challenges intensify, green development has become a necessity, not a choice. Our pledge to "achieve peak carbon by 2030 and carbon neutrality in our operations by 2050" is backed by long-term, steady effort. The Company is moving forward by increasing its use of renewable energy, constructing green factories, and promoting circular economy practices to reduce both energy use and emissions. At the same time, it provides energy-efficient products that help users lower their carbon footprint. By tapping into clean-tech opportunities, TCL Tech. is fostering green industry development and working with value-chain partners to advance a deeper, broader low-carbon transformation.

In 2025, TCL Tech. became a Worldwide Olympic Partner. The Olympic spirit—"Faster, Higher, Stronger – Together"—resonates with TCL Tech.'s core values of Change, Innovation, Accountability, and Excellence. We will continue to expand our global footprint, establish a more integrated international operating model, and embrace cross-cultural collaboration. By bringing together technology and sports, TCL Tech. aims to promote global exchange and joint innovation, enhance customer experience, strengthen partner trust, and create long-term value on a global scale.

李东生

TCL Technology Group Corporation
Chairman, CEO

Uncertainty reveals strength. In a volatile global environment, the challenges facing TCL Tech. also bring new opportunities. The achievements made in 2024 have further reinforced the Company's determination to lead on the world stage. Anchored in sustainability, propelled by innovation and empowered through collaboration, we will bridge gaps, reinforce our capabilities, unleash organizational vitality, sharpen our competitive edge and, together with partners around the globe, stride toward true global leadership.

Letter from the Vice President and Director of ESG Office

Dear readers:

Enterprises are pivotal to sustainable development and now bear responsibilities without precedent. For TCL Tech., ESG is both a key driver of high-quality growth and a key benchmark by which stakeholders measure the Company's performance. Throughout 2024, we acted on the conviction that "green development is not an option but a necessity", embedding ESG into our core strategy and day-to-day operations, guiding the entire value chain through innovation and accountability toward sustainability.

In 2024, we took a decisive step: we established the Strategy and Sustainability Committee at Board level, supported an ESG Working Committee as its executive arm. This structure embeds environmental, social, and governance factors into both strategic planning and routine operations, laying a solid foundation for TCL Tech.'s sustainable future.

Facing growing climate pressures and resource limitations, TCL Tech. sees green development as a strategic necessity. Guided by our Climate Change Working Group, we are pursuing the "goals to peak carbon emissions by 2030 and reach carbon neutrality by 2050." To support this, we launched Carbon Footprint Ledger—our digital ESG platform—to provide reliable, data-driven support for emissions management. Alongside ongoing efforts to improve energy and resource efficiency, TCL Tech. is investing in clean technology and green innovation. We aim to produce environmentally friendly products using sustainable methods, while building a closed-loop green system that spans the entire industrial chain, from manufacturing and production to the supply chain. In 2024, we invested over RMB 970 million in environmental protection. The number of TCL Tech. sites certified as national or provincial Green Factories increased to 14. Through our long-term cultural campaign, TCL Green, we promote environmental values globally, taking part in exhibitions in Las Vegas, Berlin, Shanghai, and other cities. ESG is not a stand-alone effort. It requires strong industry coordination and international collaboration. To strengthen supply chain sustainability, we are enhancing governance practices: promoting responsible sourcing, conducting due diligence on new suppliers, and operating a full life-cycle green assessment mechanism to ensure that both upstream and downstream partners share accountability for sustainable outcomes.

Our people are the wellspring of enduring vitality. By offering two career development paths—professional and managerial—and supporting them with a diverse performance management system. This helps employees build their skills, stay motivated, and grow in step with the Company's growth. In 2024, training investment exceeded RMB 28 million; through the T Academy online platform, colleagues shared knowledge and strengthened their capabilities.

In sustainability and public welfare, every action carries meaning and creates impact. When TCL Tech. was announced as an official International Olympic Committee as a Worldwide Olympic and Paralympic Partner under the TOP Programme, we invited ethnic minority students from TCL Charity Foundation-supported schools, along with high-achieving students from low-income backgrounds previously supported by the HuaMeng Philanthropic Foundation, to perform with the Central Conservatory of Music Choir of the theme song of the 2008 Beijing Olympics—bringing the spirit of public service to a global stage. Across China, we launched the TCL Hope Project: Photovoltaic Low-Carbon Campus Plan, which delivers clean energy and solar-powered classrooms to Hope Schools. The initiative also promotes sustainability awareness among students and supports rural education.

Looking ahead, TCL Tech. will continue advancing its net-zero goals through technological innovation, global collaboration, and data-driven governance. With a strong sense of social responsibility, we are committed to working alongside all stakeholders, taking action, sharing responsibility, and contributing to a greener and more sustainable future.

TCL Technology Group Corporation
Vice President and Director of ESG Office

Our 2024

ESG Goals and Performance

TCL Tech. is committed to steadily reducing its greenhouse gas (GHG) emissions, aiming to reach peak emissions by 2030 and achieve carbon neutrality by 2050. The Company will also closely track water-use intensity, with a goal of reducing it annually. In support of employee rights, we plan to gradually increase the proportion of female executives year by year.

TCL CSOT

Issue	Indicator	Goal in 2024	Situation in 2024
Climate Change Response and Energy Management	Carbon peaking and carbon neutrality goals	Reducing unit-area carbon emissions (Scope 1 and 2) by **3%** compared with 2023	Reduced by **5.9%**
Water Resources Management	Water-saving and water consumption goals	Water-recycling rate ≥ **97.5%**	**97.6%**
Resource Recycling and Waste	Waste reduction	**100%** of annual compliant disposal of solid waste **95%** of waste recycling and conversion rate	**100%** compliant **98.3%** recycling and conversion
Responsible Supply Chain	Supplier ESG management	**100%** of new suppliers screened against GP/CSR standards	**100%** achieved

TCL CSOT

Issue	Indicator	Goal in 2024	Situation in 2024
Occupational Health and Safety	Occupational health and safety goals	No fires No special-gas incidents No employee serious injuries No manufacturer serious injuries No group or individual occupational disease cases No environmental incidents of general severity or higher No other incidents of general severity or higher	**100%** achieved
Employee Rights and Interests	Compliant employment	**Zero** forced-labor incidents	**100%** achieved
Data Security and Privacy Protection	Information-security incidents	**Zero** major information-security incidents	**100%** achieved
Business Ethics	Business ethics training	**100%** of integrity-training coverage	**100%** achieved

TCL Zhonghuan

Issue	Indicator	Goal in 2024	Situation in 2024
Climate Change Response and Energy Management	Carbon peaking and carbon neutrality goals	Achieving carbon peaking no later than 2030 and operational carbon neutrality no later than 2050	Decreased Scope 1 and 2 GHG emissions by more than **30%** compared with 2023
	Energy goals	Reducing the power-consumption intensity of new-energy PV products by **3%** compared with 2023	Reduced by **15%**
Opportunities in Clean Technology	Accumulated number of intellectual property patents	Increasing the accumulated patent count by **20%** compared with 2023	Increased by **150%**[1]
Water Resources Management	Water-saving and water consumption goals	Reducing the fresh-water intake intensity for new-energy PV products by **5%** compared with 2023. Reducing the fresh-water intake intensity for other silicon materials by **5%** compared with 2023. Reaching an alternative-water share of **56%** Reaching a water-reuse rate of **46%**	Reduced by **19%** Reduced by **25%** Reached **51%** Reached **40%**
Responsible Supply Chain	Supplier ESG management	Reaching on-site audit coverage of key high-risk suppliers at **50%** and desk audit coverage at **50%**	Reached on-site audit coverage of **61%** and desk audit coverage of **39%** TCL Zhonghuan supply-chain platform certified to ISO 20400
Occupational Health and Safety	Occupational health and safety goals	Reducing the lost-time injury rate per million working hours by **3%** compared with 2023	Reduced by **52%**
Talent Development	Employee training	Optimising the talent training and development system (including leadership and system training at all levels) Increasing average annual training hours per employee by **5%** compared to 2023	Increased by **6%**
Data Security and Privacy Protection	Information security management system certification	Obtaining ISO 27001 certification for **4** additional entities	**4** additional entities certified
Customer Service Management	Customer satisfaction	**95%**	**94.35%**
Business Ethics	Business ethics training	Achieving employee ethics-training coverage of **100%**	**100%** achieved

[1] The 2024 cumulative patent count is consistent with the *TCL Zhonghuan 2024 Annual Report* and includes data from its overseas subsidiary Maxeon.

MOKA

Issue	Indicator	Goal in 2024	Situation in 2024
Product Quality and Safety	Product quality and safety	Completing sampling inspections of toxic and hazardous substances in incoming materials at **100%** Securing a **100%** pass rate for sampling inspections of toxic and hazardous substances in incoming materials Recording no defects related to toxic and hazardous substances in work-in-progress and finished products Recording no returns or complaints caused by non-compliant toxic and hazardous substances in products	**100%** achieved
Occupational Health and Safety	Occupational health and safety goals	Maintaining no major fires or other major accidents Maintaining no major pollution accidents or dangerous goods leaks Maintaining no major personal injury accidents and keeping the work-related injury rate below **2%** Recording no occupational disease cases Recording no major mechanical equipment accidents Achieving **100%** certification of special operations personnel and special equipment Fulfilling compliance obligations with a **100%** implementation rate	**100%** achieved

Annual ESG Honors

Listed in the 2024 Fortune China ESG Impact List

Listed in the 2024 Forbes China ESG **50** List

Selected as one of the 2024 Fortune Tech **50**

Ranked among the BrandZ Top 100 Most Valuable Chinese Brands for three consecutive years, with a six-place improvement in 2024

Listed in the 2024 Huxiu Sustainable Brand Model List under the Human Resources Benchmark category

Sustainable development case selected as a 2024 Best Practice Case for Sustainable Development by the China Association for Public Companies

Listed in the 2024 China ESG Listed Company Pioneer 100

Included in the Google × Kantar BrandZ Top **50** Chinese Global Brands for the eighth consecutive year

Continued inclusion in the TopBrand 2024 China Top 500 Brands

Sustainable development case Innovative Green Finance Model to Promote Industrial Low-Carbon Transformation adopted in the *China Enterprise Group Finance Company Industry Social Responsibility Report (2022-2023)*

Sustainable development case *Innovative Green Finance Model to Promote Industrial Low-carbon Transformation* recognized as an Exemplary Public Welfare Case

Sustainable Operation

Guided by its sustainability governance structure, TCL Tech. strengthens management of products, services, and supply chains to promote sustainable operations across the company. The Company rigorously enforces quality standards to ensure safety and reliability, while building a responsible supply chain that supports green, low-carbon development. By continuously improving its governance systems, TCL Tech. is strengthening its long-term competitiveness and creating lasting value.

Material Issues

- Stakeholder Engagement
- Product Quality and Safety
- Customer Service Management
- Responsible Supply Chain

46 suppliers certified by the Responsible Business Alliance (RBA)

No product recall events during the year

About TCL Tech.

Corporate Overview

Founded in 1981, TCL was formerly known as TTK Home Appliances Co., Ltd, one of the first joint ventures in China, specialized in the manufacture of audio cassettes. In 1999, TCL took the lead in venturing into the Vietnamese market, taking an important step for Chinese enterprises to "go global". In 2019, TCL completed its asset restructuring, with a clear focus on semiconductor display, new energy photovoltaic and semi-conductor materials industries. We enhance our core business development with the support of our industrial finance and investment platform. Firmly seizing the historic opportunity of the transformation of economic and energy structures, we accelerated our transformation into a technology- and capital-intensive high-tech industrial corporation.

We hold "Improving Operational Quality and Efficiency, Enhancing Strengths to Shore up Weaknesses, Accelerating Global Expansion as well as Innovation-Driven Development" as business strategies, grasp opportunities, maintain strategic stability, build up the bottom line of operation. We are guided by science and technology, driven by innovation to strengthen the competitive advantages of the manufacturing industry and focus on the development of high-tech strategic emerging industries; empower industries through industrial finance to support industrial operations and expansion; and leverage on our industrial strengths to invest in eco-enterprises to enhance our comprehensive competitiveness and establish a global leading edge.

In 2024, amid rapid market shifts and intensifying competition, TCL Tech., guided by its forward-looking strategy, accelerated the global expansion of its industrial chain, enhanced its global perspective and management efficiency, and advanced further toward sustainable development.

Business Strategies

Corporate Culture

Building a Sustainable & Connected Future with Advanced Technology

We lead with strategy, drive progress through technological innovation, and work together to build a healthy and sustainable industrial ecosystem.

TCL will harness the power of technology to help create a harmonious, sustainable, and mutually beneficial world.

TCL

People First for Global Leadership

TCL Tech. welcomes top talent from around the world, offering a broad platform for both personal and professional growth. Our structured dual-career track system allows employees to advance through either professional or managerial paths. Growth is supported by the Eagle talent development system, which provides long-term training and development opportunities.

Change	Innovation	Accountability	Excellence
Embrace change by first transforming ourselves	Stay curious and open to the unknown	Take ownership and deliver measurable outcomes	Do what's right, even when it's difficult
Shift our thinking, break from convention	Combine engineering with entrepreneurship to create customer value	Recognize team strengths and grow together	Set high standards and strive to meet our mission
Understand the bigger picture and challenge the status quo	Take bold, calculated risks to push boundaries	Promote collaboration and shared success	Keep surpassing expectations and stay ahead with new ideas

TCL Tech. is committed to aligning its strong corporate culture and values with its ESG strategy and management practices. This integration supports long-term value creation for all stakeholders amid a complex and rapidly changing global environment, while contributing to a more sustainable and prosperous future for the next generation.

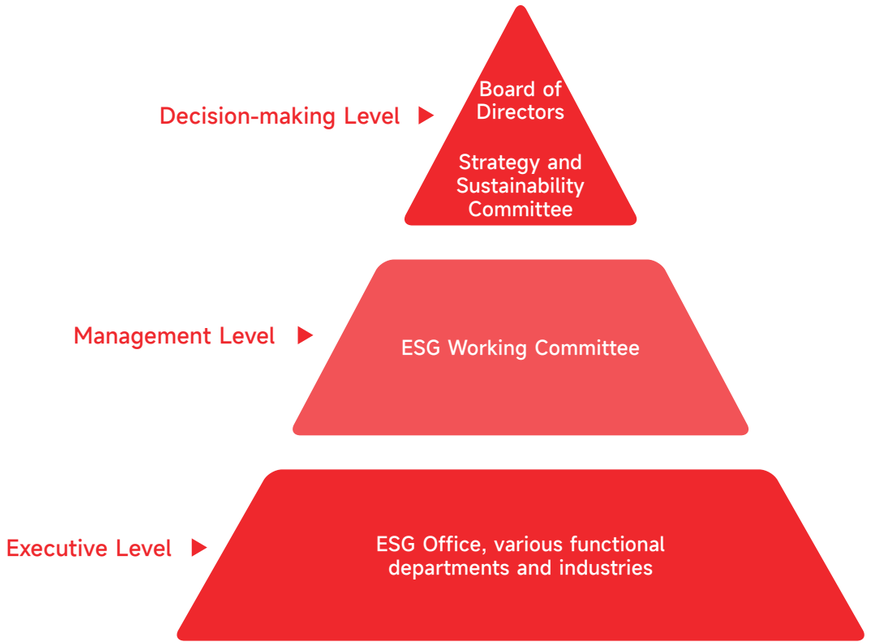
Sustainable Development Governance

Working Mechanism for Sustainable Development

Guided by its mission—Building a Sustainable & Connected Future with Advanced Technology—TCL Tech. is committed to fostering a balanced and sustainable relationship among people, nature, society, and business. High-quality development remains the foundation of this effort. We have implemented a well-defined governance structure and mechanisms for sustainable development, which enables us to take active social responsibility, promote inclusive growth, and contribute to broader societal progress.

To support the full execution of its sustainability strategy, TCL Tech. has built a comprehensive ESG governance structure that ensures ESG practices are closely integrated into business operations and development planning. In 2024, the Company joined the UNGC, committing to uphold its Ten Principles in the areas of human rights, labor, environment, and anti-corruption. TCL Tech. also participates in collaborative initiatives that contribute to the achievement of the United Nations SDGs, reinforcing its long-term commitment to global sustainability.

The Company's ESG governance structure is led by the Board of Directors, with oversight provided by the Strategy and Sustainability Committee. A permanent ESG Working Committee is responsible for executing ESG-related decisions, identifying risks, developing strategies, setting targets, and driving implementation. The ESG Office, which coordinates and advances ESG initiatives, operates under the guidance of the ESG Working Committee. This committee is headed by TCL Tech.'s Vice President, who reports directly to the Strategy and Sustainability Committee. Regular meetings are held at least once a year, where ESG matters are discussed and decided by vote. Final decisions and reports are submitted to the Strategy and Sustainability Committee for review and approval.



TCL Tech. Sustainable Development Governance Structure and Division of Responsibilities

ESG Risk Management

ESG risks play a critical role in the Company's stable operations and are closely connected to the interests of all stakeholders. TCL Tech. continuously strengthens its ESG risk management system through a three-line defense approach, ensuring the comprehensive identification and control of key risks. This framework is built on the principles of comprehensiveness, adaptability, and cost-efficiency, allowing the Company to respond effectively to both internal and external changes while supporting strategic and operational goals.

TCL CSOT has developed a structured ESG risk management framework and is gradually integrating ESG risks into its broader risk management system. It regularly identifies and assesses ESG-related risks, with particular attention to climate change, water resource management, labor and human rights, and responsible sourcing. Targeted mitigation strategies are developed to address these key risk areas.

In 2024, TCL Zhonghuan completed its first comprehensive assessment of climate risks and opportunities across all production and operational sites to strengthen climate resilience. The findings have been incorporated into its risk management processes to support strategic planning and investment decisions.

MOKA has established an ESG risk management system that identifies risks related to operations, climate change, biodiversity, social responsibility, and reputation. Corresponding response strategies have been developed to manage these risks effectively.

- Integrates sustainable development principles into the Company's strategic planning and decision-making.

- Reviews and advises on the Company's long-term development strategy; Provides guidance on the integration of sustainable development principles and ESG-related matters; Examines significant issues impacting the Company's development and monitors implementation;
- Reviews and approves ESG strategies, goals, and performance, with regular tracking of progress, including water resource management.

- Monitors domestic and international ESG trends to ensure compliance with legal, regulatory, and global standards;
- Assesses and manages key ESG issues; provides analysis and recommendations to support board-level decisions;
- Develops ESG key performance indicators; identifies, evaluates, and mitigates ESG risks;
- Delivers ESG-related training to employees and promotes innovation in ESG practices;
- Collects, analyzes, and discloses ESG information to support ESG culture and transparency;
- Maintains communication with stakeholders and expands engagement channels;
- Handles additional responsibilities delegated by the Executive Committee.

- Develop stakeholder engagement plans and organize related communication activities;
- Monitor progress toward ESG goals and performance indicators; support sustainability reporting;
- Carry out tasks assigned by the ESG Working Committee and provide regular updates;
- Implement initiatives aligned with ESG targets and ensure performance outcomes are met.

Stakeholder Engagement

Maintaining open communication and close collaboration with stakeholders has been a core strength throughout TCL Tech.'s development. Our business philosophy is based on transparency, mutual benefit, and long-term partnership. By building stable and trusted communication channels, we aim to support sustainable progress through open and constructive dialogue.

Stakeholder Workshop

In February 2025, TCL Tech. held an in-person ESG stakeholder workshop at TCL Science Park in Shenzhen. The session included background briefings, interviews, and opinion surveys, fostering direct conversations with internal and external stakeholders from the Group headquarters, TCL CSOT, TCL Zhonghuan, and other business units. The discussions focused on identifying and evaluating the materiality of key ESG issues and their relevance to different stakeholder groups. By gathering insights from stakeholders, we were able to prioritize ESG issues more effectively and identify directions for future ESG initiatives.

ESG Stakeholder Research Workshop

Prior to the Stakeholder Workshop, TCL Tech. conducted a preliminary review of material ESG issues by benchmarking against industry peers, regulatory standards, and customer expectations. This assessment helped define the initial materiality levels (categorized as low, medium, or high) for each issue. Based on these findings, we invited over 40 representatives from key stakeholder groups, including academic experts, government and regulatory bodies, communities and NGOs, shareholders and investors, and employees, to participate in the workshop.

External Stakeholders

- Shareholders and Investors
- Government and Regulators
- Academic Experts
- Media
- Customers and Consumers
- Suppliers and Partners
- Communities and NGOs
- Industry Associations

Internal Stakeholders

- Company Directors/ Executives
- Headquarters Staff

After presenting the definitions of TCL Tech.'s 19 ESG issues and the initial materiality assessment, we invited representatives from each stakeholder group to share their perspectives. Participants then joined group discussions with peers from similar sectors, helping to identify which issues were considered most material by each group.

Background Introduction

- Introducing the purpose of the Stakeholder Workshop and major ESG issues identified by TCL Tech. in 2024

Communication with Stakeholders

- Inviting representatives of various stakeholders to speak
- Conducting group discussions and outputting the results of identifying material issues of stakeholders

Summary, Discussion, and Result Confirmation

- Demonstrating and confirming the identification results of stakeholders' material issues

Based on the group discussions, several issues emerged as areas of broad stakeholder concern. These included environmental compliance and ecological protection, product quality and safety, responsible supply chains, business ethics, R&D and sci-tech innovation, and climate change and energy management. In addition, clean technology and talent development also drew significant attention, reflecting stakeholders' expectations for the Company to prioritize employee growth and sustainable innovation.

Highly Material Issues and Stakeholder Concerns

Environmental Compliance and Ecological Protection

- Environmental Violations
- Environmental Public Opinion Risks
- Enhancing Environmental Risk Management
- Community Ecological Environment Planning

Product Quality and Safety

- Stock Price Fluctuations Linked to Quality Issues
- Quality and Safety Compliance
- Improving User Experience
- Building Brand Competitiveness

Responsible Supply Chain

- Supply Chain Stability
- Supply Chain Compliance Management
- Supply Chain Risk and Public Opinion Management

Business Ethics

- Integrity Risk Prevention and Control
- Business Conduct Compliance

R&D and Technological Innovation

- Enhancing Product Competitiveness
- Increasing R&D Investment
- Legal Management of Intellectual Property
- Launching Sustainable Products

Climate Change Response and Energy Management

- Trends in National Climate Policy Changes
- Applying Climate Strategies to Business Decisions
- Carbon Emissions Throughout the Product Life Cycle
- Carbon Reduction Cooperation Across the Supply Chain

Through in-depth discussions at the stakeholder workshop, we gained valuable insights into how different stakeholder groups view and are affected by TCL Tech.'s material ESG issues. We believe that transparent communication and strong collaboration with stakeholders are essential to building a more sustainable business model and creating greater value for society.

Double Materiality Issues Assessment

TCL Tech. continues to strengthen its approach to identifying and managing ESG-related risks and opportunities. Our assessment process considers internal operations, business relationships, external environmental factors, and stakeholders who are directly or indirectly impacted by our activities. By incorporating stakeholder feedback, we gain a deeper understanding of our sustainability performance and support ongoing improvements in ESG practices.

We evaluate ESG materiality through four core dimensions: regulatory compliance, capital market rating criteria, customer expectations, and peer performance. This benchmarking draws on both domestic and international regulations, as well as globally recognized frameworks such as the International Sustainability Standards Board (ISSB) issues and the Sustainability Accounting Standards Board (SASB) industry standards. This approach helps us identify ESG issues that are material to TCL Tech. from both a financial and impact perspective. Stakeholders also provided input based on industry-specific context and operational realities. After multiple rounds of internal review and external consultation, we finalized a list of 19 ESG issues that are most relevant to TCL Tech.'s operations.

Environmental

- Climate Change Response and Energy Management
- Opportunities in Clean Technology
- Water Resources Management
- Pollutant Management
- Resource Recycling and Waste
- Environmental Compliance and Ecological Protection

Social

- R&D and Technological Innovation
- Product Quality and Safety
- Responsible Supply Chain
- Occupational Health and Safety
- Talent Development
- Employee Rights and Interests
- Compensation and Benefits
- Community Impact and Social Contribution
- Data Security and Privacy Protection
- Customer Service Management

Governance

- Corporate Governance
- Business Ethics
- Stakeholder Engagement

Determination of ESG Issues' Impact Materiality

We used two dimensions: "inherent risk level" and "control risk level" to quantitatively evaluate issues' impact materiality. Details of the assessment criteria are as follows:

Inherent Risk Level Assessment

Based on the aggregated feedback from the stakeholder survey group regarding issue prioritization, we conducted a comprehensive assessment

< 2 votes	2-4 votes	≥ 5 votes
Low inherent risk	Medium inherent risk	High inherent risk

Control Risk Level Assessment

Based on the four pillars and sub-dimensions of the A-share exchange's sustainable development disclosure framework (governance, strategy, risk management, targets and indicators) , we conducted control risk assessment

< 6 points	6-7 points	≥ 7 points
Low control risk	Medium control risk	High control risk

By comprehensively evaluating both the inherent and control risk levels and combining the above determination criteria, we preliminarily assessed the impact materiality of TCL Tech.'s ESG issues for 2024.

Impact Materiality Level

R&D and Technological Innovation	▲▲▲
Product Quality and Safety	▲▲▲
Responsible Supply Chain	▲▲▲
Environmental Compliance and Ecological Protection	▲▲▲
Opportunities in Clean Technology	▲▲▲
Data Security and Privacy Protection	▲▲▲
Business Ethics	▲▲△
Climate Change Response and Energy Management	▲▲△
Talent Development	▲▲△
Occupational Health and Safety	▲▲△
Resource Recycling and Waste	▲▲△
Pollutant Management	▲▲△
Customer Service Management	▲▲△
Water Resources Management	▲▲△
Compensation and Benefits	▲▲△
Corporate Governance	▲▲△
Stakeholder Engagement	▲▲△
Employee Rights and Interests	▲△△
Community Impact and Social Contribution	▲△△

High ▲▲▲ Medium ▲▲△ Low ▲△△

Determination of ESG Issues' Financial Materiality

As capital markets place increasing emphasis on ESG factors, the connection between ESG issues and corporate financial performance has become more significant. As a result, financial materiality assessments now play a key role in shaping the Company's strategic planning and resource allocation.

For the 19 identified ESG issues, we conducted an in-depth analysis of relevant financial indicators, including risk-related costs, opportunity-driven revenues, and their corresponding financial impacts. Based on these insights, we defined financial impact thresholds to assess both current and potential financial exposure. To support this process, we held a dedicated financial materiality workshop with internal departments and external experts. Together, we evaluated each issue's historical, short-term, and long-term financial implications, considering factors such as internal resource demands and stakeholder dependencies. This enabled us to determine the financial materiality of each issue with greater accuracy.

Financial Materiality Level

R&D and Technological Innovation	●●●	Compensation and Benefits	●●○
Climate Change Response and Energy Management	●●●	Resource Recycling and Waste	●●○
Water Resources Management	●●●	Product Quality and Safety	●●○
Environmental Compliance and Ecological Protection	●●●	Customer Service Management	●●○
Opportunities in Clean Technology	●●●	Community Impact and Social Contribution	●●○
Business Ethics	●●●	Occupational Health and Safety	●●○
Employee Rights and Interests	●●●	Data Security and Privacy Protection	●●○
Pollutant Management	●●○	Talent Development	●○○
Responsible Supply Chain	●●○	Corporate Governance	●○○
Stakeholder Engagement	●●○		

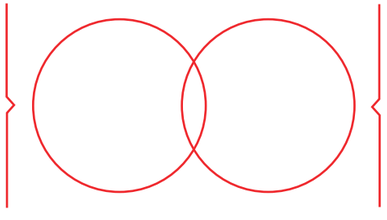
High ●●● Medium ●●○ Low ●○○

Determination of ESG Issues' Double Materiality

Based on the results of both the impact and financial materiality assessments, we integrated, analyzed, and prioritized the ESG issues. Department heads from across the Group reviewed the preliminary rankings through collaborative discussions. The feedback was used to refine and finalize the results of the double materiality analysis.

Issues of Double Materiality

Assesses whether the Company's performance on a given issue has, or may have, a significant actual or potential impact on the economy, society, or the environment



Assesses whether the issue is likely to significantly affect the Company's business model, operations, strategic development, financial position, performance, cash flow, or financing activities over the historical, short or long term

Based on the results of the double materiality assessment, TCL Tech. confirms the ESG issue matrix and materiality ranking at the ESG management level.

Issue Benchmarking
- Disclosure standard requirements
- Industry-wide concerns

Impact Materiality Assessment
- Inherent risk level
- Control risk level

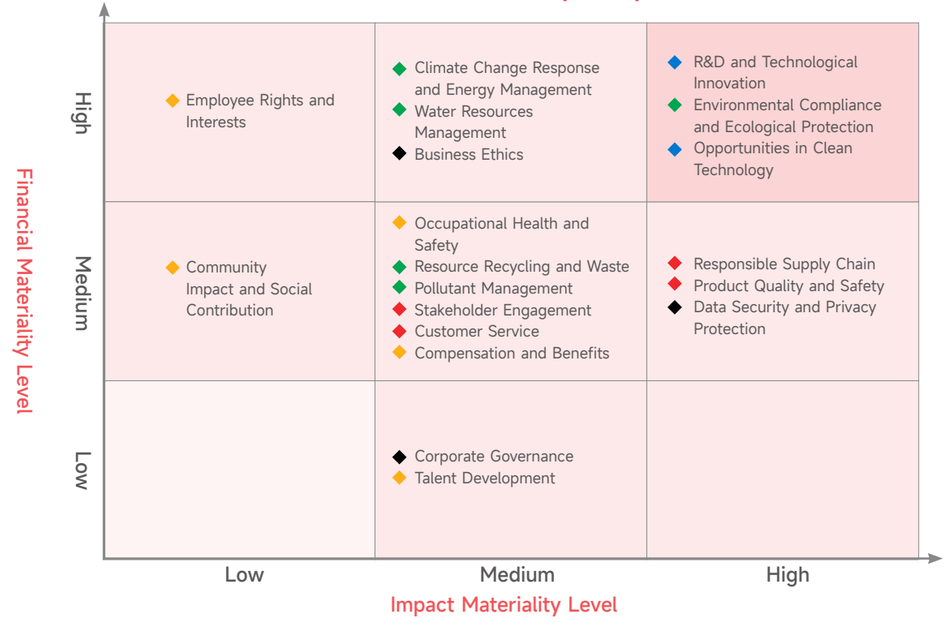
Financial Materiality Assessment
- Internal financial impact
- Expert-determined threshold

Double Materiality Confirmation
- Reviewed by relevant departments
- Submitting to ESG management for approval

TCL Tech. Double Materiality Assessment Process

Highly Material	Moderately Material		
R&D and Technological Innovation ▲▲▲ ●●●	Climate Change Response and Energy Management ▲▲△ ●●●	Resource Recycling and Waste ▲▲△ ●●○	Compensation and Benefits ▲▲△ ●●○
Environmental Compliance and Ecological Protection ▲▲▲ ●●●	Water Resources Management ▲▲△ ●●●	Pollutant Management ▲▲△ ●●○	Community Impact and Social Contribution ▲△△ ●●○
Opportunities in Clean Technology ▲▲▲ ●●●	Business Ethics ▲▲△ ●●●	Data Security and Privacy Protection ▲▲▲ ●●○	Employee Rights and Interests ▲△△ ●●●
	Responsible Supply Chain ▲▲▲ ●●○	Stakeholder Engagement ▲▲△ ●●○	Corporate Governance ▲▲△ ●○○
	Product Quality and Safety ▲▲▲ ●●○	Talent Development ▲▲△ ●○○	
	Occupational Health and Safety ▲▲△ ●●○	Customer Service Management ▲▲△ ●●○	

TCL Tech. Double Materiality Analysis Results



Double Materiality Matrix

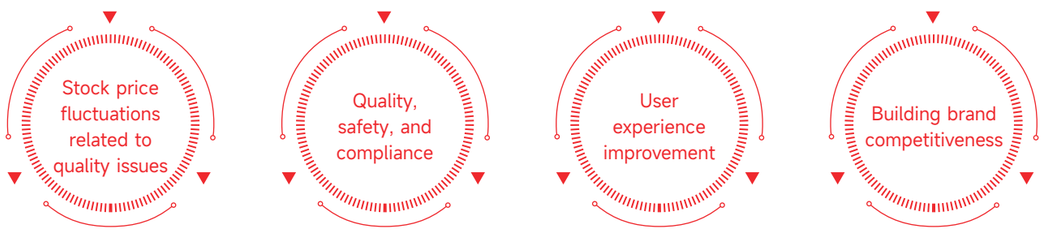
TCL Tech. evaluates each ESG issues's impact across the full value chain, from upstream raw material sourcing and internal operations to downstream aspects. In line with capital market disclosure requirements, we collect and report relevant information, data performance, and management policies to address the expectations and concerns of stakeholders throughout the value chain.

Product Quality and Safety

As a company that provides high-tech products and services globally, we understand that product quality and safety are not only vital to our reputation and brand competitiveness, but also represent a key commitment to our customers, consumers, and society. We are dedicated to maintaining the highest standards across the value chain, moving from compliance -driven management to capability-focused quality systems. While ensuring our products are compliant, safe, and reliable, we continue to enhance the user experience.

In 2024, we maintained close communication with key stakeholders, such as investors, customers, consumers, suppliers, media, and industry associations, identified strong interest in areas such as regulatory compliance, product safety, user experience, and brand performance. In response, we reinforced the foundation of our quality management system, advanced its institutionalization and specialization, and adopted new technologies to improve product reliability, actively addressing stakeholder expectations.

Stakeholder Concerns



We will continue improving our product quality and safety management to better address stakeholder priorities, especially around safety, reliability, and user satisfaction. By enforcing stricter standards, strengthening quality control, and upgrading our systems, we are enhancing product life cycle management and remaining committed to delivering more reliable, higher-quality products and services.

Product Quality

Amid growing global demand for safer, higher-quality products and in alignment with China's national strategy to build a quality-driven economy, product quality has become a key pillar of corporate competitiveness. We strictly comply with applicable domestic and international standards, continually enhances its quality management systems, ensures product safety, reliability, and compliance, and consistently raises its standards for quality and service excellence.

In 2024, a total of

30 subsidiaries under TCL Tech. obtained ISO 9001 quality management system certification.

TCL CSOT promotes a company-wide quality culture built on the principles of "total employee involvement and getting it right the first time." The company has established a comprehensive quality management system that covers the full product life cycle. Benchmarking against international standards such as ISO 9001, QC080000, and IATF 16949,TCL CSOT has developed a suite of governance documents, including the *CSOT Quality Manual* and the *CSOT Product Quality Planning Process*. These ensure that quality management is systematic and traceable from product design and development through to manufacturing, delivery, and end use. In 2024, all TCL CSOT manufacturing sites have been fully certified under both ISO 9001 and IECQ QC080000:2017.

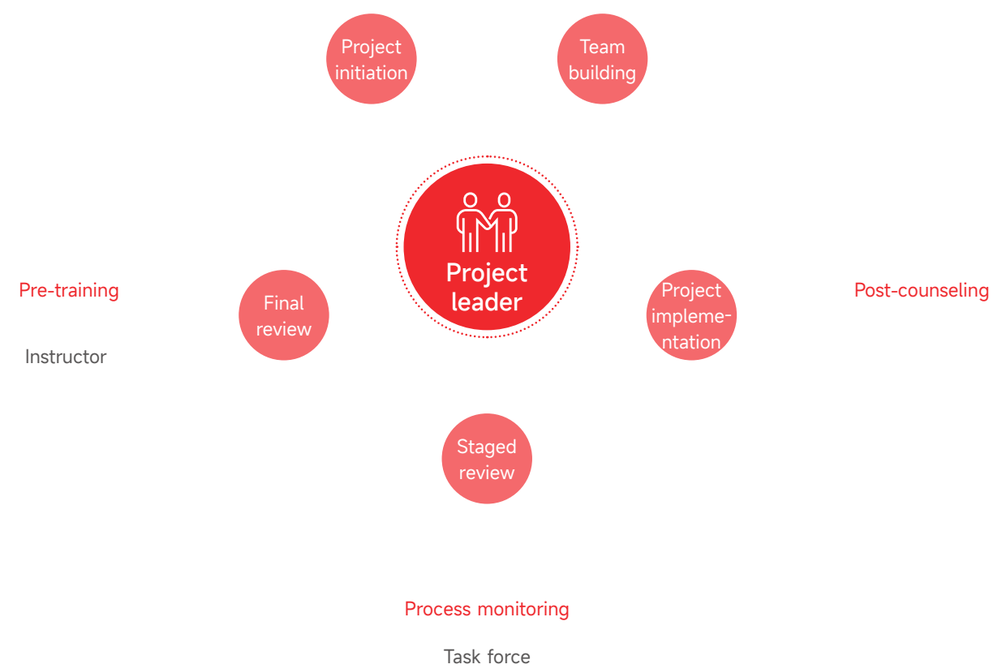
To further strengthen its quality management capabilities, TCL CSOT has continuously refined its business processes and established a full life cycle management system for quality improvement initiatives, shifting from institutionalization to systematization. During the reporting period, TCL CSOT conducted 111 quality training sessions, totaling 327 hours and engaging nearly 4,387 employee attendances. Through focused training programs, case studies, and initiatives such as Quality Month, the company has significantly enhanced employee awareness and skills, fostering a company-wide culture of continuous improvement and active participation in quality management.

During the reporting period

TCL CSOT conducted **111** quality training sessions

totaling **327** hours

engaging nearly **4,387** employee attendances



TCL CSOT Project Full Life Cycle Management System

TCL CSOT Carries out Quality Month Activities

TCL CSOT launched simultaneous Quality Month initiatives across its five major bases: Shenzhen, Huizhou, Wuhan, Guangzhou, and Suzhou. The activities included product quality knowledge contests, quality warning exhibitions, and creative quality-themed submissions. These efforts significantly enhanced employees' awareness of product quality, reinforced their commitment to quality assurance, and fostered greater engagement across all departments.

TCL Zhonghuan has established a full life cycle quality management system to ensure product safety and reliability. In 2024, its online training platform, Zhonghuan Academy, offered 42 quality-related courses, attracting 5,021 participants. To foster a strong quality culture, the company promoted Quality 4.0 management practices and actively supported China's national Quality Month by organizing activities such as quality pledges, knowledge competitions, and educational lectures, further enhancing employee awareness around quality standards.

MOKA has developed a comprehensive quality management system and established a dedicated Quality Management Department to oversee quality supervision, process optimization, and issue resolution. The company has implemented a cross-functional collaboration mechanism to promote integrated quality governance. Key policies, including the *Management Manual* and the *Product Recall Management Specifications*, guide efforts to ensure product quality, safety, and regulatory compliance. To improve product quality and safety risk management, MOKA identifies risk factors, particularly those related to product performance and user safety, and has developed a targeted risk management strategy. The company also emphasizes quality capability assessments for its manufacturing operations, engaging third-party institutions to conduct formal audits in line with the *Assessment Specifications*. As a result, MOKA achieved an "Assurance Level" rating in its latest capability assessment.

In 2024

Zhonghuan Academy, offered

42 quality-related courses

attracting

5,021 participants

Chemical Safety

The safe management of chemicals is critical to maintaining regulatory compliance and operational stability. All TCL Tech. production subsidiaries are required to establish dedicated groups responsible for identifying and controlling chemical risks. Hazardous substance control regulations are strictly enforced to ensure product safety across all stages, from production and transportation to usage and disposal. In 2024, no chemical leakage incidents were reported across[2] any TCL Tech. production sites, reflecting continued improvements in overall risk management.

TCL CSOT places great emphasis on the standardized handling and management of chemicals. The company has created a comprehensive hazardous chemicals inventory that includes all chemical categories, with detailed identification of each substance's hazardous properties and corresponding emergency response procedures. This framework provides a solid foundation for risk mitigation and emergency planning. To further strengthen chemical safety, TCL CSOT has developed a formal hazardous substance management process and actively promotes the substitution and elimination of harmful substances to reduce environmental and health impacts. In 2024, the company implemented Failure Mode and Effects Analysis (FMEA) for specialty gases and chemicals at all sites. The analysis covered 40 types of specialty gases and 46 other chemicals, identifying 4,160 risks, generating 192 analysis reports, and resolving 240 typical hazards.

TCL CSOT Products and Materials Hazardous Substance Management

Strengthening management and control			Phase-in of regulated chemicals
Standard Basis		Systems and Processes	Chemical Substitution Measures
International GP Regulations	EU: RoHS/REACH US: California Proposition 65/ CPSIA Canada: Prohibition of Certain Hazardous Substances Regulations China: China RoHS	*Hazardous Substances Risk Assessment Management Guidelines* *Hazardous Substances Management Procedure* *Testing and Inspection Standards for Products and Materials Hazardous Substances*	1.Identifying the list of regulated chemicals and control limits 2.Conducting supplier surveys and providing improvement plans 3.Translating into internal standards and communicating to suppliers, as well as regularly communicating important regulatory developments to the supply chain 4.Suppliers are required to deliver material testing reports
Industry GP Standards	IEC halogen-free requirements		
Customer GP Requirements	Key management standards and guidance documents for relevant chemical substances		

TCL CSOT Hazardous Substance Management Process

[2] The assessment indicators for chemical leakage accidents are: chemical leakage incidents with a leakage area greater than 50 square meters

TCL CSOT regularly conducts emergency response drills across its sites to simulate potential leaks involving high-risk chemicals, such as silane (SiH_4) and sulfuric acid. These exercises ensure that employees are prepared to respond quickly and effectively in the event of an incident. In parallel, the company provides ongoing training for both employees and vendors on hazardous chemical management and operational safety. These initiatives strengthen safety awareness and help standardize practices across operations. Moving forward, the company will integrate case-based learning and risk-tiering approaches into its SOP (Standard Operating Procedure) management framework. This will enhance both the efficiency and scope of chemical risk identification across all sites and further institutionalize the company's safety management practices.

TCL CSOT Conducted Chemical Safety Training at Its Wuhan Base

In October 2024, TCL CSOT organized a specialized training session on hazardous chemical safety management at its Wuhan base. The training provided systematic instruction on key issues, including the classification and characteristics of hazardous chemicals, their handling and transportation, disposal procedures, proper use of personal protective equipment (PPE), and emergency response for specialty gases. The program significantly enhanced employees' understanding of the end-to-end management of hazardous chemicals and improved their emergency response capabilities.

TCL Zhonghuan has developed and implemented the *Regulations on the Safety Management of Hazardous Chemicals* to ensure strict safety controls throughout the entire lifecycle of chemical use, including procurement, transportation, storage, handling, and disposal. This framework supports effective risk management at every stage. In 2024, the company strengthened its safety training efforts. Zhonghuan Applied Materials delivered comprehensive hazardous chemical safety training, achieving 100% coverage of all personnel involved in chemical management. At the same time, a targeted emergency drill plan was developed and executed to improve the company's preparedness for unexpected incidents.

Zhonghuan Applied Materials Conducted Chemical Safety Training

Zhonghuan Applied Materials delivered comprehensive hazardous chemical safety training, achieving

100%

coverage of all personnel involved in chemical management.

MOKA places high importance on the identification and control of chemical-related risks. The company has established a comprehensive management system to address potential hazards associated with chemicals used in both production processes and finished products. Regular chemical safety training sessions are conducted to raise employee awareness and improve emergency preparedness. In 2024, MOKA set and successfully achieved its annual targets for hazardous substance management. Through systematic risk identification and control, the company continues to enhance its chemical safety standards, supporting safe production and ensuring compliance with environmental regulations.

completion rate of sampling inspections for toxic and hazardous substances in incoming materials
100%

defect rate in sampled work-in-progress and finished products
0

compliance rate of random inspections for toxic and hazardous substances in incoming materials
100%

cases of product returns or complaints due to non-compliant hazardous substances
0

Looking ahead, as global expectations for green manufacturing, workplace safety, and product quality continue to grow, TCL Tech. remains committed to strengthening both product quality and chemical safety management. This enables us to respond effectively to the priorities of customers, regulators, and the wider public, particularly in areas of compliance, safety, environmental protection, and health. By combining institutional improvements with technological innovation, we will continue to enhance our product lifecycle quality management system, promote the substitution and precise control of hazardous substances, and strengthen supply chain coordination and emergency response capabilities. These efforts aim to improve the overall safety, reliability, and sustainability of our products. Through this approach, we are building a more resilient, transparent, and trusted foundation for high-quality development, delivering greater long-term value to all stakeholders.

Customer Service Management

As consumption upgrades, industrial intelligence, and green transformation continue to accelerate, customer expectations have also evolved, demanding faster service response times, higher-quality product delivery, and more seamless overall experiences. TCL CSOT follows a customer-centric and value-driven approach, continuously strengthening its service infrastructure to build best-in-class capabilities that earn long-term client trust. The company has established an end-to-end customer service management system that spans pre-sales, sales, and after-sales stages. To support this, documents such as the *Customer Complaint Management Specifications* have been developed to clearly outline response protocols and internal/external communication processes. Furthermore, the company has implemented the "2485" response mechanism to standardize and improve service efficiency.

Quick response within **2** hours + Substantive reply within **24** hours + Cause analysis and countermeasure formulation within **48** hours + Completing countermeasure implementation and effectiveness verification within **5** days

TCL CSOT "2485" Response Principle

TCL CSOT has established a comprehensive customer communication platform and a digital after-sales system to support standardized service processes and enable intelligent, responsive support. In 2024, the company accelerated the digital transformation of its after-sales operations, enhancing on-site analysis and issue resolution capabilities. This enabled the company to manage the entire service cycle, from proactive issue detection to comprehensive problem resolution. The company also conducts regular customer satisfaction surveys, collaborates with clients on quality improvement initiatives, and deepens its understanding of customer needs. These efforts continue to strengthen customer loyalty and collaboration.

Honors Received by TCL CSOT Customer Service

TCL Quality Pioneer Award

VD Best Supplier Award

CVTE Best Quality Service Award

TPV Quality Management Excellence Award

Changhong Quality Excellence Award

LG Best Quality Award

MI Outstanding Quality Award

CORE Best Supplier Quality Award

Haier Quality Commendation Letter

TCL Zhonghuan has streamlined the full process from initial inquiries to closed-loop issue resolution by building a structured customer service framework. The company has developed several policies, including the *Customer Complaint Control Procedure* and the *Customer Satisfaction Measurement Control Procedure*, covering areas including order review, delivery, quality management, complaint handling, and product recalls. These measures ensure timely responses and efficient service execution. Furthermore, the Company also enforces the "2485" response principle, with the customer management department serving as the central hub for collecting and responding to feedback. It applies structured problem-solving tools such as CAR (Corrective Action Request) and 8D analysis to investigate abnormalities and implement corrective actions, ensuring full traceability and accountability. In 2024, TCL Zhonghuan achieved an overall customer satisfaction score of 94.35 points in its survey.

MOKA continues to refine its customer service management system, implementing policies like the *Digital Handling Process for Customer Complaints* and the *Product Recall Management Process* to enhance the standardization and responsiveness of its service management. The company has developed a structured service framework consisting of five specialized groups responsible for technical support, service operations, and business returns. This setup supports the integration of customer information and end-to-end service delivery. At the same time, MOKA is strengthening its maintenance support plans and spare parts management processes. By establishing a rapid response and service closure mechanism, and closely monitoring service performance data, the company is continuously improving customer satisfaction and service quality.

Looking ahead, we will continue to strengthen customer trust by building a more professional service group, improving process transparency, and offering more personalized experiences. These efforts will deepen global customer collaboration and expand both the reach and quality of our partnerships, supporting the development of a long-term, high-value customer relationship network.

Responsible Supply Chain

The supply chain is not only a channel for resource allocation but also a critical extension of corporate responsibility. From raw material sourcing to final product delivery, we follow a management philosophy rooted in win-win cooperation, transparency, and regulatory compliance. We work closely with upstream and downstream partners to build a supply chain that is stable, efficient, and sustainable. To meet the evolving needs of global markets and customers, we continue to strengthen our risk management systems and implementation capabilities, laying a stronger foundation of trust across the supply chain.

In our communications with stakeholders such as investors, customers, consumers, suppliers, media, industry associations, academic institutions, and government regulators, we have clearly seen the growing societal focus on supply chain stability, compliance, and risk mitigation. In response, we are advancing institutional development and strengthening management practices, while actively addressing diverse stakeholder expectations and improving the overall governance and resilience of our supply chain.

We have launched a series of initiatives focused on labor rights protection, environmental responsibility, low-carbon collaboration, and the prevention and control of controversial sourcing. These efforts continue to advance the professionalization and systematization of our supply chain management. Looking ahead, we will further strengthen supplier management systems and risk identification capabilities, enhance transparency and accountability across the supply chain, and work collaboratively to build a forward-looking, sustainable global partnership network.

Stakeholder Concerns

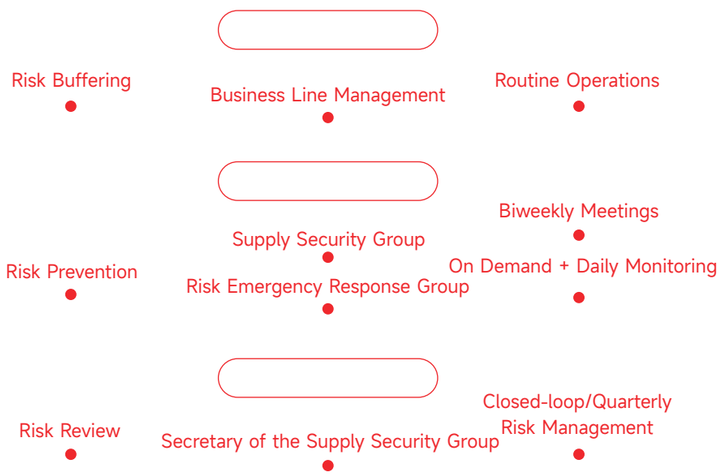
Supply Chain Management

Establishing a transparent, responsible, and sustainable supply chain has become a critical priority for global manufacturers, serving as a cornerstone for operational resilience and long-term stability. TCL Tech. fully recognizes that long-term value creation depends on a stable and well-managed supply ecosystem. As such, supply chain management has long been an integral part of our sustainable development strategy. We focus on strengthening core areas such as policy development, supplier onboarding, performance evaluation, and exit management, with the goal of reinforcing compliance and promoting coordinated, long-term growth with our supply partners.

TCL CSOT has established management systems, including the *Supplier Corporate Social Responsibility Statement and the Code of Conduct for Partners*, along with ESG performance evaluation standards for suppliers. Annual supplier audits and assessments are conducted across environmental management, occupational safety, labor rights, and business ethics to ensure supply chain sustainability. In 2024, TCL CSOT onboarded 104 new suppliers and achieved 100% audit coverage based on Green Product (GP) and Corporate Social Responsibility (CSR) standards.

To effectively mitigate and respond to supply chain risks, TCL CSOT continues to strengthen its supplier risk management systems, building a proactive and responsive framework guided by the principles of “prevention first, timely response, and end-to-end control". The company has established a comprehensive control structure that covers supplier onboarding, process monitoring, and risk response. Through a "three lines of defense" model, the company has enhanced its capacity for risk identification and resolution. A cross-functional risk group leads the coordinated implementation, with regular reviews and continuous process optimization to improve management effectiveness.

[3] GP Green Product



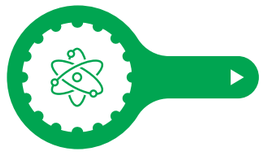
TCL CSOT's Three Lines of Defense in Supply Chain Risk Management

Supplier Access Management

In line with the *CSOT Supplier Introduction Certification Process*, TCL CSOT conducts thorough qualification reviews of new suppliers, including compliance checks and on-site inspections. Assessments cover multiple dimensions such as business operations, technology, quality (QSA/QPA), corporate social responsibility (CSR), and green product (GP) standards. All new suppliers are required to sign compliance agreements, including the *Safety and Environmental Protection Agreement.*

Supplier Audit and Certification

TCL CSOT regularly evaluates suppliers' compliance and operational performance, focusing on key areas such as environmental responsibility, labor rights, workplace safety, and business ethics. Suppliers are audited periodically based on their risk classification to ensure consistent implementation of supply chain standards.

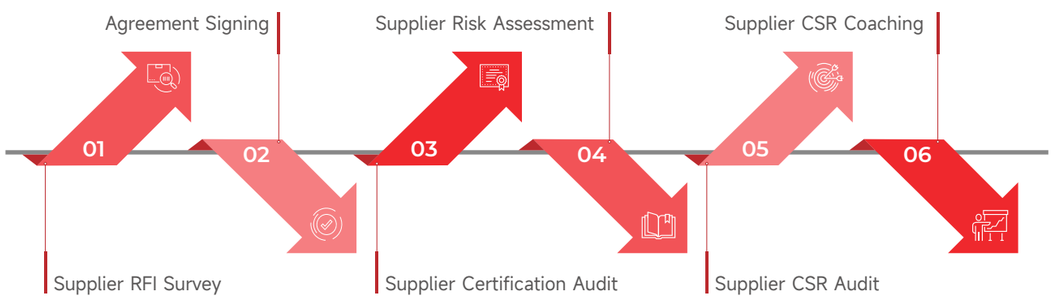


Supplier Withdrawal Management

Suppliers that violate compliance requirements or fail to meet audit standards are subject to TCL CSOT's withdrawal mechanism. Actions may include being designated as high-risk or having their qualification revoked, safeguarding the integrity and compliance of the supply chain.

TCL CSOT Supplier Full Life Cycle Management

In practice, TCL CSOT has developed a dedicated audit process for identifying and addressing environmental and social risks in the supply chain. Utilizing digital tools such as third-party enterprise information platforms, the GP management system, and the supplier management system, actively monitors and assesses potential supplier risks. When risks are identified, they are promptly escalated to the Risk Emergency Response Group, which formulates and implements targeted measures. This closed-loop process ensures that all issues are addressed and rectified in a timely and effective manner.



TCL CSOT Supply Chain Risk Audit Process

TCL Zhonghuan issued the *Code of Conduct for Suppliers* and the *ESG Code of Conduct for Partners,* establishing a standardized supplier management system to ensure compliance and sustainability across the supply chain.

Supplier Access Management

All New TCL Zhonghuan's supplies must undergo qualification reviews, credit evaluations, and environmental and social responsibility screenings. They are required to sign the *ESG Code of Conduct for Partners*. Suppliers identified as posing conflict mineral risks must also sign the *Letter of Commitment for Non-Use of Conflict Minerals*, reinforcing TCL Zhonghuan's commitment to sustainable sourcing.

Supplier Audit and Certification

TCL Zhonghuan conducts regular assessments based on the *Supplier Annual Performance Evaluation Form* and *Supplier Audit Checklist,* integrating ESG audit results into procurement decisions. This approach rewards high-performing suppliers and encourages continuous improvement among those with lower performance ratings.

Supplier Withdrawal Management

Suppliers that fail to meet rectification requirements, face extended supply interruptions, or present significant operational risks are subject to procurement suspension or contract termination, ensuring supply chain stability and compliance.

TCL Zhonghuan Supplier Full Life Cycle Management

MOKA manages its suppliers according to the *TCL Code of Conduct for Partners* and the *Integrity Agreement*, requiring all partners to commit to anti-corruption practices. New suppliers must also sign a Social Responsibility Commitment Letter to ensure supply chain operations remain compliant with ethical and regulatory standards.

TPC has established the *Supplier EHS Management Policy* and *Supplier CSR Promotion Letter* to promote compliance with environmental protection, occupational health, and safety in the supply chain. The company is committed to improving suppliers' sustainability performance by combining policy guidance, compliance requirements, and practical implementation to strengthen supply chain social responsibility.

Supply Chain Labor Standards

As global attention to supply chain social responsibility continues to grow, labor rights protection has become a key indicator of a company's ability to sustain operations. Many countries are tightening human rights due diligence requirements, while investors, customers, NGOs, and other stakeholders increasingly expect companies to ensure that workers in their supply chains operate in safe, fair, and respectful environments.

We are committed to strengthening our own labor protection systems while actively guiding supply chain partners to meet their social responsibilities. Focusing on labor rights, we have built a system that includes review and evaluation, agreement signing, training support, and certification tracking, enabling early risk identification and full-process management to ensure compliance and supply chain stability. In 2024, a total of 46 suppliers from TCL Tech.'s subsidiaries were certified by the Responsible Business Alliance (RBA[4]).

TCL CSOT is committed to building a labor-friendly supply chain. All suppliers are required to sign the *Supplier Corporate Social Responsibility Statement*, which strictly prohibits child labor and forced labor. The company ensures that suppliers comply with basic labor standards, including payment of minimum wages, reasonable working hours, and overtime compensation, while guaranteeing fair and equitable pay. Suppliers must also follow anti-discrimination policies, respect employees' freedom of association and collective bargaining rights, and maintain a safe and healthy work environment. These measures address key labor management issues and support the broader effort to uphold human rights in the supply chain. The company strengthens labor rights management within the supply chain through supplier certification, annual audits, and corrective action mechanisms. These efforts support the compliant and stable operation of the supply chain. Based on CSR risk assessments, TCL CSOT prepares an annual audit plan. Suppliers are required to complete a self-assessment in advance, which determines the audit approach. Audits are scored against predefined standards, with non-conformities and improvement suggestions documented in formal reports. In 2024, 83.3% of TCL CSOT's suppliers had signed the *Supplier Corporate Social Responsibility Statement*.

In 2024, TCL CSOT conducted CSR audits for 161 first-tier suppliers, accounting for 54% of those participating in the CSR risk assessment. Among them, 19 suppliers scored below 85 in the initial review. The company supported these suppliers through corrective actions, achieving a 100% rectification rate, with no disqualifications due to CSR-related issues. Additionally, TCL CSOT organized construction safety standardization training for over 200 supplier employees, improving their safety awareness and management capabilities.

Low-carbon Supply Chain

As green supply chains become a growing priority for customers when evaluating partners, material reduction, energy efficiency, and low-carbon innovation have emerged as key areas of focus across the value chain. We actively respond to stakeholder expectations around environmental responsibility and resource efficiency, promoting collaborative efforts to reduce consumption and drive green transformation in key supply chain segments. Through technical support and joint R&D, we continue to advance the implementation of green management practices.

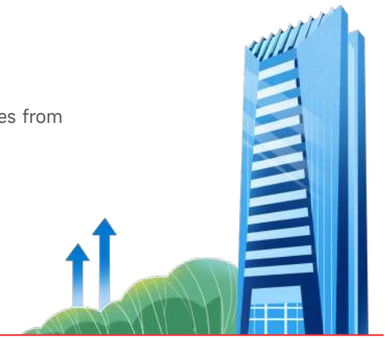
TCL CSOT actively promotes green supply chain development by encouraging the adoption of integrated IC technologies, which support low power consumption, material reduction, and cost efficiency. These innovations are closely aligned with ESG principles and low-carbon goals. The company collaborates with manufacturing partners to co-develop integrated ICs, integrating them into key R&D projects to improve supply chain efficiency and reduce energy use in production.

[4] RBA (Responsible Business Alliance) certification is a global standard for supply chain social responsibility, covering various dimensions such as labor rights, health and safety, environmental protection, and business ethics, ensuring that supply chain companies meet international sustainable development requirements.

TCL Zhonghuan requires supply chain partners to provide safe, healthy, and equitable working environments, ensuring full protection of labor rights. Following the Responsible Business Alliance (RBA) international standards, the company developed a supplier evaluation questionnaire and released the *TCL Zhonghuan ESG Code of Conduct for Partners*. This document explicitly mandates that suppliers comply with labor regulations and safeguard the legitimate rights of their employees.

MOKA continues to strengthen labor standards across its supply chain by improving health and safety management and protecting the rights and well-being of supplier employees. All suppliers are required to sign the *Supplier Social Responsibility Commitment* to ensure safe working conditions and regulatory compliance. In 2024, the company conducted safety training for 1,637 employees from 186 suppliers, ensuring external personnel followed proper safety protocols while working on-site.

MOKA conducted safety training for **1,637** employees from **186** suppliers



Case: TCL CSOT Held a Global Supply Chain Conference to Promote Sustainable Development of the Supply Chain

On November 16, 2024, TCL CSOT convened the "True Vision and Insight to All" Global Supply Chain Conference, bringing together 355 suppliers to present a value proposition of integrated innovation and intelligent design for the future, aimed at advancing sustainable development across the supply chain. The company strengthened ESG-oriented governance during the event by inviting industry experts to share insights into ESG trends and collaborating with partners to explore sustainable development pathways. Together, they worked to build a green, efficient, and globally leading supply chain system.

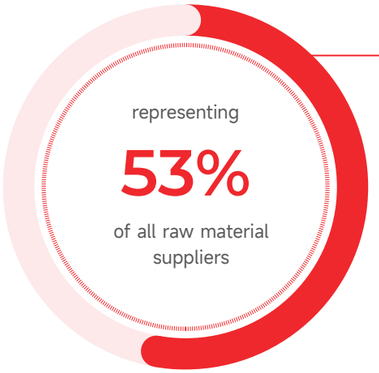
TCL CSOT Global Supply Chain Conference 2024

Controversial Procurement Management

The origin of raw materials not only defines the start of a product's lifecycle but also reflects a company's values and sense of responsibility. In today's global environment, where human rights, business ethics, and resource transparency are under increasing scrutiny, ensuring legitimate and compliant sourcing has become a key measure of a company's sustainability performance. For customers, investors, and the public, avoiding controversial sourcing is now a baseline expectation. At TCL CSOT, responsible sourcing is not a one-time decision but an ongoing, system-wide commitment. In managing high-risk materials such as conflict minerals, the company continues to strengthen its due diligence and source verification processes to meet rising stakeholder expectations for fair, traceable procurement practices.

TCL CSOT remains firmly committed to responsible sourcing principles, actively managing risks tied to controversial materials and driving continuous improvements in supply chain sustainability. The company has issued the *Declaration of Conflict Minerals-Free*, firmly rejecting mineral sources linked to human rights violations. These requirements have also been integrated into the Basic Agreement, clearly outlining compliance expectations and supporting early-stage adoption of responsible sourcing standards.

To strengthen upstream management, TCL CSOT has established a closed-loop management system encompassing origin investigation, risk assessment, corrective mechanisms, and process monitoring. The company regularly conducts traceability checks and due diligence on raw materials, requiring suppliers to submit conflict mineral investigation reports and risk questionnaires, including CMRT and EMRT. Through these efforts, high-risk materials are identified and managed through tiered control and rectification measures. In 2024, 255 suppliers completed conflict mineral assessments, representing 53% of all raw material suppliers. For those failing to meet required standards, the company applies restrictive or alternative measures based on evaluation outcomes to ensure compliance and traceability of procurement sources.



In 2024

255

suppliers completed conflict mineral assessments

According to the 2023 *TCL CSOT Responsible Mineral Procurement Report*, no evidence was found, based on all available data, that the company's products contained minerals directly or indirectly linked to armed groups in conflict-affected regions. This reinforces the transparency and integrity of its sourcing practices. In 2024, TCL CSOT joined the Responsible Minerals Initiative (RMI), committing to work closely with supply chain partners to avoid the direct or indirect use of minerals from high-risk regions. To further systematize responsible sourcing, the company established an ESG coordination body composed of groups from Procurement, Quality, R&D, and other departments. This group oversees risk identification, data verification, and the continuous optimization of management processes, enhancing overall ESG compliance and strengthening global supply chain governance.

In 2024, TCL CSOT conducted 519 supplier training sessions, reaching 673 partner companies. These sessions focused on environmental compliance, occupational health, workplace safety, and sustainable procurement, enhancing supplier capabilities in green operations and regulatory alignment. The company also provided targeted support to help partners improve material efficiency, reduce production costs, and strengthen joint R&D for new products, promoting higher -quality, low-carbon development across the supply chain.

TCL CSOT conducted

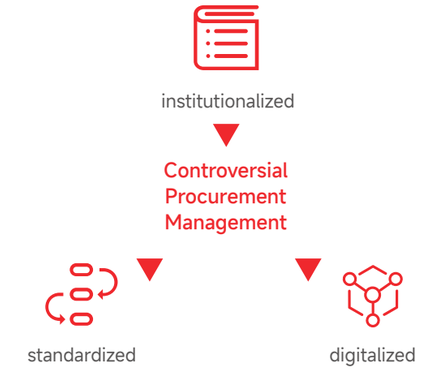
519 supplier training sessions

reaching

673 partner companies

TCL Zhonghuan is advancing the institutionalization, standardization and digitalization of controversial sourcing management. Suppliers are required to strictly abide by the *TCL Zhonghuan ESG Code of Conduct for Partners* and the *TCL Zhonghuan Conflict Minerals Policy*. Leveraging IT technologies, the company monitors geographic risk in real time, reviews and records material origin data, and ensures full supply chain traceability to avoid sourcing raw materials linked to conflict regions. Suppliers must provide certificates of origin for high-risk minerals and undergo audits to verify transparency and compliance. The company also enforces conflict mineral due diligence using CMRT and EMRT protocols. In 2024, a full-scope investigation of suppliers handling tungsten, tin, and other related minerals confirmed that no controversial sources were used or procured

MOKA is actively advancing responsible procurement by formulating a *Responsible Conflict Mineral Procurement Policy* to eliminate controversial procurement practices. To improve transparency, the company publicly discloses conflict mineral management information on its official website and requires suppliers to submit compliance certifications aligned with international responsible sourcing standards.



We believe that a stable, orderly, and sustainable supply chain is not only fundamental to corporate compliance, but also reflects our commitment to key stakeholder concerns, particularly in business ethics, environmental responsibility, and human rights protection. Centering on core ESG issues such as supplier onboarding, risk control, green collaboration, labor rights, and responsible sourcing, we have built a preliminary management framework that is institutionalized, digitalized, and standardized. Through partner training, joint R&D, and certification programs, we continue to enhance supply chain transparency, compliance, and sustainability. Looking ahead, we will extend our responsible supply chain practices across the full product life cycle, strengthen raw material risk identification and data visualization capabilities, refine our tiered supplier management system, and work alongside global partners to build an open, transparent, and accountable supply chain ecosystem, advancing high-quality development together.

Scientific Governance

TCL Tech. adopts a scientific approach to corporate governance, continuously improving its governance structure to ensure the effective functioning of the Board of Directors, Board of Supervisors, and the General Meeting. This system is designed to fully protect investor rights and interests. We uphold high standards of business ethics and ensure compliance and data security through robust risk management and internal control mechanisms. These efforts strengthen transparency and build trust, key foundations for the Company's long-term sustainability.

Material Issues:

- Corporate Governance
- Business Ethics
- Stakeholder Communication
- Data Security and Privacy Protection

Organized **6** investor research sessions

Hosted nearly **600** institution visits

Responded to **128** inquiries via the Shenzhen Stock Exchange Easy Interaction (SSEEI) platform

Faced **no lawsuits** related to corruption throughout the year

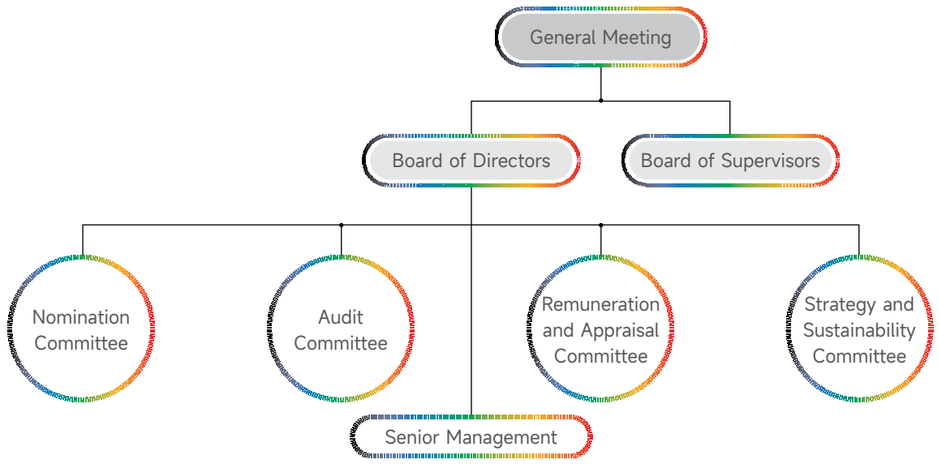
Corporate Governance

Governance Structure and Board of Directors

Guided by our core values of "Change, Innovation, Accountability and Excellence", we strictly adhere to laws and regulations, including the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, and the *Code of Corporate Governance for Listed Companies*. and other relevant laws and regulations We have established a structured governance structure that includes the General Meeting, the Board of Directors and its committees, the Board of Supervisors, and the executive management group. Through the implementation of management systems and protocols such as the *Articles of Association* and the *Rules of Procedure of the Board of Directors*, we delineate the authority and responsibilities of each body. This framework ensures effective coordination between decision-making, oversight, and execution, supporting both strategic implementation and the achievement of sustainable development goals.

The Board of Directors and its specialized committees are responsible for overseeing key matters including financial reporting, profit distribution, related-party transactions, employee stock ownership plans, share repurchase programs, executive compensation, and ESG disclosures. The Board reviews and makes decisions on these issues, while also providing strategic guidance.

The Board of Directors consists of four dedicated committees: the Strategy and Sustainability Committee, the Audit Committee, the Nomination Committee, and the Remuneration and Appraisal Committee. Each committee operates in accordance with the *Articles of Association*, the *Rules of Procedure of the Board of Directors*, and specific committee charters. With the support of independent directors, the committees contribute expert insights that inform and strengthen the Board's decision-making.



TCL Tech. Governance Structure

The Company places strong emphasis on board diversity and building a leadership group with a wide range of expertise and perspectives. The current Board comprises nine members, aged between 39 and 67, with an average age of 51. Their educational and professional backgrounds span semiconductor displays, finance, accounting, law, and strategic management, ensuring well-rounded and forward-thinking governance. Notably, independent director Mr. Jin Li concurrently serves as the board of Ping An Insurance (Group) Company of China, Ltd., bringing valuable experience in risk management to the Company.

Li Dongsheng	Male	Chairman, CEO		●			●
Zhang Zuoteng	Male	Vice Chairman	●				
Yan Xiaolin	Male	Director, CTO, Senior Vice President		●			●
Liao Qian	Male	Executive Director, Secretary of the Board, Senior Vice President	●			●	●
Zhao Jun	Male	Executive Director, Senior Vice President		●		●	●
Lin Feng	Male	Non-executive Director	●				
Jin Li	Male	Independent Director	●		●	●	●
Wang Lixiang	Male	Independent Director		●	●	●	
Wan Liangyong	Male	Independent Director	●		●	●	

Board Members, Professional Backgrounds, and Representation on Dedicated Committees

Li Dongsheng	Chairman, CEO	Male	67	Incumbent	RMB 11.7766 million	Yes
Yan Xiaolin	Executive Director, CTO, Senior Vice President	Male	58	Incumbent	RMB 8.5966 million	No
Zhao Jun	Executive Director, Senior Vice President	Male	52	Incumbent	RMB 16.1729 million	No
Liao Qian	Executive Director, Secretary of the Board, Senior Vice President	Male	44	Incumbent	RMB 5.8153 million	No

Executive Director Remuneration

General Meeting and Board of Supervisors

General Meeting

We strictly adhere to the requirements of relevant laws, regulations, and governing documents, including the *Company Law, Securities Law, Articles of Association, and Rules of Procedure of the General Meetings*, to ensure proper procedures for convening, conducting, and voting at shareholder meetings. In 2024, all meeting resolutions were disclosed in full compliance with stock exchange requirements.

In 2024 the Company convened **3** general meetings with a total attendance of **19,252** person-times (including those represented by proxy).

Board of Supervisors

The Board of Supervisors is composed of three members, including one employee-elected representative. It plays a key role in monitoring major decisions, related-party transactions, financial practices, and the performance of directors and senior management. The Board of Supervisors exercises its oversight by attending general meetings, observing Board meetings without voting rights, reviewing legal and financial operations, and issuing formal opinions. These efforts help safeguard the rights and interests of both the Company and its shareholders.

In 2024 the Board of Supervisors held **6** meetings with an attendance rate of **100%**

Investor Rights

TCL Tech. is committed to protecting investor rights and delivering long-term value to shareholders. We continue to enhance management practices and refine profit distribution mechanisms, operating with a strong focus on transparency and accountability. Following an investor-centric approach, we have strengthened our disclosure practices and investor relations through improved governance and communication. These efforts aim to deepen investor understanding and build constructive relationships with shareholders.

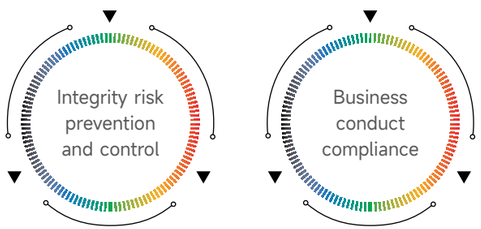
To support open and effective communication, we maintain multiple investor engagement channels, including:

- Issuing announcements, covering both regular and interim reports
- Holding General Meetings
- Publishing information on the Company's website
- Mailing information
- One-to-one communication
- Organizing stakeholder workshops
- Organizing analyst briefings, performance briefings and roadshows
- Using advertisements, media reports or other promotional materials
- Arranging site visits
- Offering telephone consultations and other services

In 2024, TCL Tech. made notable progress in investor engagement by conducting **6** research events hosting nearly **600** institutional visits and responding to **128** inquiries through the Shenzhen Stock Exchange Easy Interaction platform.

Business Ethics

Integrity is fundamental to sustainable development and forms the foundation of our business practices. TCL Tech. is committed to upholding ethical compliance as a core value, supported by systems that promote transparency, fairness, and accountability across all operations. As we expand globally, we continue to strengthen our anti-corruption framework and employee conduct standards, building a governance system that embeds integrity into every level and process.



Stakeholder Concerns

Through dialogue with stakeholders, including the media and industry associations, we have noted rising public attention to corporate ethics, risk prevention, and accountability. In response, we are continuously improving our governance, enforcement, and corporate culture to meet the growing expectations around ethical business conduct.

We fully comply with anti-monopoly and unfair competition laws, promoting fair competition and ensuring long-term, responsible growth. With a strong compliance structure and monitoring mechanisms in place, we maintain the integrity of our operations. Moving forward, we will continue to advance our anti-corruption systems, refine our reporting mechanisms, expand employee education, and uphold higher standards of business ethics. Our commitment to building a healthy, transparent, and sustainable business ecosystem remains unwavering.

Anti-corruption

Integrity is key to sustainable business and is vital to earning the trust of employees, the respect of partners, and the confidence of investors. TCL Tech. continues to strengthen its anti-corruption efforts through clear systems, strong oversight, and a culture that promotes transparency and accountability, responding to the high concern of all parties on the standardization of corporate governance and clean operation.

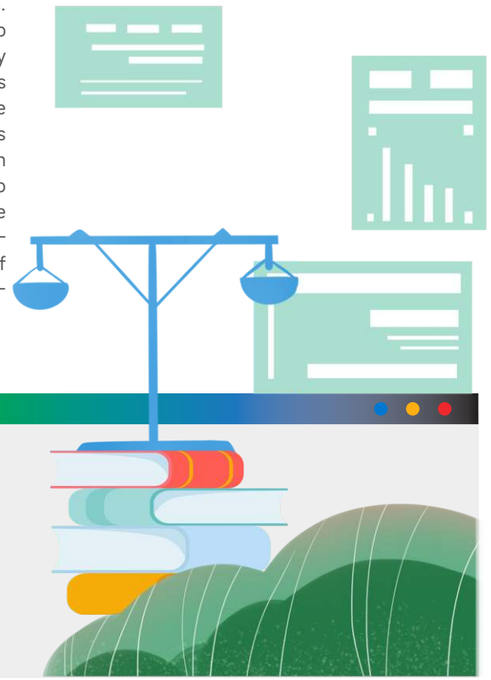
At the core of our integrity framework is the "TCL Ten Red Lines," which outlines non-negotiable standards of conduct. This is supported by policies such as the *Management Measures for Accountability* and the *Supervisory System*. To reinforce these principles, all employees are required to sign the *Commitment to Integrity*, ensuring ethical conduct is upheld across the organization. Our governance is further supported by the Board of Supervisors, the Audit Committee, and the Audit and Supervision Department, each playing a distinct role in internal oversight, auditing, and compliance. To ensure independent and effective supervision, each subsidiary also maintains its own audit and supervision unit, forming a tiered, top-down structure for managing anti-corruption across the group.

TCL Ten Red Lines

- Abuse of power for personal gain
- Abuse of power and authority
- Non-compliance with connected transactions
- Unapproved investment or taking on unauthorized part-time jobs
- Material violation of financial disciplines
- Unauthorized provision of guarantees, factoring or leasing
- Leakage of business secrets
- Violation of management regulations for brands, trademarks and trade names
- Causing material accidents or events having an adverse impact on the Company
- Obstructing supervision and investigation or covering up conducts in violation of laws or disciplines

At the cultural level, TCL Tech. is committed to building an organization rooted in integrity. We promote legal awareness, raise visibility of our compliance systems, and conduct targeted campaigns around events such as International Anti-Corruption Day. These efforts help employees internalize the importance of ethical behavior and reflect it in their daily work. In 2024, TCL Tech. organized integrity training for 193 managers and employees, strengthening their awareness of anti-corruption compliance and ethical conduct.

We actively encourage employee participation in integrity oversight. To support this, we have implemented the *Regulations on the Management of Whistle-Blowing* and provide multiple reporting channels, including a dedicated email address, hotline, and QR codes, for both named and anonymous submissions. A strict confidentiality and non-retaliation policy is in place to protect whistle-blowers. All reports are logged and processed by designated personnel within 24 hours, following clear procedures for verification, follow-up, and case closure. To further encourage reporting, the Company offers rewards for substantiated reports involving economic misconduct. At the same time, a system is in place to address false reports and protect the rights of those who report in good faith. Additionally, a mechanism for clarifying false reports has been implemented to protect the rights of whistle-blowers. In 2024, we received 20 whistle-blowing reports, of which 8 were valid and have been fully addressed. No corruption-related litigation occurred during the year.



Report email: jubao@tcl.com

Informants' hotline: 0752-2288846

Report QR code:

TCL CSOT regards integrity governance as a key pillar of sustainable development. The company has built a comprehensive anti-corruption framework, guided by policies such as the *CSOT Integrity Management Policy* and the *CSOT Supervision Management Policy*. An independent audit center conducts regular audits and supervision to ensure compliance and operational effectiveness. In 2024, TCL CSOT completed 13 audit projects and 16 supervision projects, covering all business areas and subsidiaries. To strengthen ethical awareness, the company carried out a range of integrity-focused initiatives. These included reminders via its official WeChat account, visits to integrity education bases (twice), two lectures on the prevention of corporate occupational crimes, two integrity courses at Xingtu Academy, supplier conferences centered on ethical practices, integrity index surveys, and 17 self-led training sessions for management. Together, these efforts contribute to a transparent and values-driven corporate culture.

TCL Zhonghuan continues to reinforce its anti-corruption and compliance management by issuing policies such as the *TCL Zhonghuan Business Ethics Code* and the *ESG Code of Conduct for Partners*. The company places strong emphasis on high-risk areas such as procurement, sales, and engineering, by reinforcing pre-transaction screening, ongoing monitoring, and post-event audits to prevent bribery and misconduct. In 2024, TCL Zhonghuan organized integrity awareness activities for all employees, issued the 2024 Anti-Fraud Notice and shared case-based disciplinary decisions to strengthen preventive education. The Company also organized special training on "Integrity in Work, Starting with Me," significantly improving employees' compliance awareness.

MOKA continues to promote business ethics and anti-corruption management by conducting regular audits and integrity training. All employees are required to sign the *Commitment to Integrity* annually, reinforcing the importance of ethical conduct. In 2024, the company held anti-corruption training sessions for all staff, using case-based warning education to raise awareness and support steady, sustainable growth.

TPC has developed and implemented comprehensive systems, including the *Supervisory System, Management Measures for Accountability*, and *Integrity Standards*, which outline clear behavioral expectations for employees. All staff are required to sign the *Commitment to Integrity*, and the company regularly delivers training on relevant laws, internal policies, ethical boundaries, and reporting procedures to strengthen compliance awareness across the organization.

Anti-Monopoly and Anti-Unfair Competition

Fair competition is fundamental to maintaining market order and fulfilling corporate social responsibility. It also plays a key role in building long-term trust with stakeholders. We believe that a well-regulated, transparent competitive environment is essential not only for the Company's compliance and growth, but also for meeting the expectations of customers, partners, and regulators.

We strictly adhere to relevant laws and regulations, including the *Anti-monopoly Law*, the *Anti-unfair Competition Law*, the *Foreign Trade Law*, and others. We actively identify and manage risks related to monopolistic practices and unfair competition. Ongoing monitoring of domestic and international regulatory developments allows us to assess potential impacts and respond accordingly. These efforts help ensure that our operations remain compliant, ethical, and aligned with principles of fair market competition.

TCL CSOT conducts specialized anti-monopoly compliance training for key business departments such as sales, marketing, and procurement. These sessions cover core principles of the Anti-Monopoly Law and compliance requirements across different business stages, helping employees strengthen their legal awareness and support fair, sustainable business practices.

TCL Zhonghuan requires all employees to sign the *Employee Integrity and Self-Discipline Commitment Letter*, explicitly prohibiting unfair transactions or anti-competitive conduct. This reinforces compliance awareness and upholds a fair operating environment.

Integrity, self-discipline, and fair competition are not only fundamental to the Company's compliant operations but also critical to building stakeholder trust and achieving sustainable growth. We are committed to strengthening our anti-corruption and anti-monopoly systems, developing digital oversight platforms, and improving risk detection and early warning mechanisms. At the same time, we will expand training programs and communication channels to further enhance the effectiveness of our compliance governance. By combining strong systems, a culture of integrity, and proactive enforcement, we aim to build a transparent, fair, and sustainable business environment in collaboration with our stakeholders.

Risk Management and Internal Control

In today's climate of constant uncertainty, robust and forward-looking risk management is essential to operational resilience and strategic execution. TCL Tech. embeds risk control across all areas of business management, continually refining internal control systems and reinforcing a governance structure built on compliance, transparency, and agility. This integrated approach supports business continuity and enhances the Company's ability to manage risk proactively and effectively.

Compliance Management

Compliance goes beyond meeting legal requirements. It reflects corporate responsibility and serves as a cornerstone of stakeholder trust. We recognize investors' expectations for transparent governance, customers' demand for ethical conduct, and employees' need for a fair working environment. Through coordinated policies, training, and oversight mechanisms, we have built a structured, comprehensive compliance management system. This foundation strengthens our ability to operate responsibly and supports long-term, sustainable growth.

We have established a management structure and internal control system in line with the *Basic Rules on Enterprise Internal Controls* and relevant guidelines to ensure compliance across all business operations. In 2024, the Group issued documents such as the *Export Control Compliance Policy* and the *Management Commitment Statement on Export Control Compliance* for the first time, reinforcing our commitment to export control compliance. Furthermore, the Company has established the "Compliance Shared (Competence) Center" to bring together internal specialists and external advisors. This center supports risk identification, mitigation, and best practices across international operations. During the reporting period, we conducted extensive compliance training for employees, covering areas such as intellectual property, trade secrets, data protection, competition law, export controls, and strategic compliance.

TCL CSOT continues to enhance its compliance management system, strengthen legal compliance awareness, and promote the company's sound development in global operations. The Company has developed the *CSOT Third-Party AI Compliance Use Specifications*, setting clear standards for AI tool usage, data security, and intellectual property protection. Regular updates and training on antitrust, export control, and data compliance are also provided to all employees to strengthen awareness across key regulatory areas.

TCL Zhonghuan continues to improve its compliance management system by implementing the TCL *Zhonghuan Business Ethics Code of Conduct*, which standardizes corporate operations and employee responsibilities, and fosters a culture of integrity and compliance.

Risk Management

In an increasingly uncertain market environment, effective risk management has become essential to maintaining stable, long-term growth. TCL Tech. is committed to building a structured, forward-looking risk management framework that supports timely decision-making and organizational resilience. By strengthening internal controls and improving information flow and responsiveness, we enhance our ability to adapt to change and manage complex risks. External stakeholders are placing greater emphasis on how companies manage risks related to strategy, operations, and ESG. In response, we have developed a comprehensive risk management system that integrates internal and external data, enabling early identification of risks and rapid response across the organization. Our internal control system is continuously refined through strict policy enforcement, oversight, and information management, ensuring smooth and compliant operations.

TCL CSOT follows the principles of comprehensiveness, materiality, adaptability, classification, and cost-effectiveness to address critical business processes and major risks. A dedicated risk management department has been established, supported by a three-line defense structure: business controls, internal control self-assessments, and internal audits. This system enables thorough risk identification, evaluation, and mitigation. In response to evolving internal and external conditions, TCL CSOT continues to refine its risk management strategies, aligning them with strategic and operational goals. By considering risk appetite, categories, and tolerance, the company enhances its operational stability and responsiveness.

TCL CSOT Risk Control and Management Process

TCL Zhonghuan has established a comprehensive risk management framework grounded in the three lines of defense model. This structure enables the company to systematically identify, assess, and address potential risks, strengthening its overall risk prevention and response capabilities. In 2024, internal control gaps were identified in key areas such as procurement, outsourcing, and logistics. In response, TCL Zhonghuan optimized related management mechanisms and issued *Risk Warning Proposals* to its industrial subsidiaries, encouraging continuous improvement of internal controls and reinforcing operational stability and resilience.

First Line of Defence	Second Line of Defence	Third Line of Defence
Members: Functional departments and subsidiaries of TCL Zhonghuan Identify the risks within their business domains and develop risk prevention and control measures and systems	Member: Risk Management Office Enhance the risk management system at the company level and conduct internal controls	Member: Audit Committee Monitor compliance reviews, review risk assessment reports, and ensure effective implementation of risk management measures

TCL Zhonghuan Three Lines of Defense for Risk Management

Data Security and Privacy Protection

In an era of accelerating digital transformation, data has become one of a company's most critical assets. At TCL Tech., we recognize that data security and privacy protection are not only essential for operational stability and business continuity, but also fundamental to earning customer trust, preserving brand reputation, and fulfilling our social responsibilities. We are committed to compliance as a foundation and guided by a sense of responsibility. As data volumes grow and risks evolve, we continue to strengthen our systems, enhance technical safeguards, and improve security practices to meet the expectations of customers, regulators, and society regarding data ethics and privacy.

Data Security

As data flows become more complex, so do the risks. To address this, we have established a comprehensive information security governance structure, supported by policies such as the *Information Security Classification Management Code, Information Security Management System Manual*, and *Information Asset Risk Management Code*, and have built a robust information security governance structure. The company adheres to the security policy of "strengthening awareness, prioritizing prevention, employing hierarchical protection, and continuous improvement". Our data security system covers all aspects of the data lifecycle including classification, access management, security monitoring, auditing, and risk controls. Technical protections include domain isolation, firewalls, antivirus measures, and real-time risk analysis. In 2024, we conducted 24 security awareness campaigns and delivered targeted training and phishing simulations at our technology headquarters to strengthen employee awareness. 17 TCL Tech. subsidiaries achieved ISO 27001 certification during the year, and no information security incidents were reported across the Group.

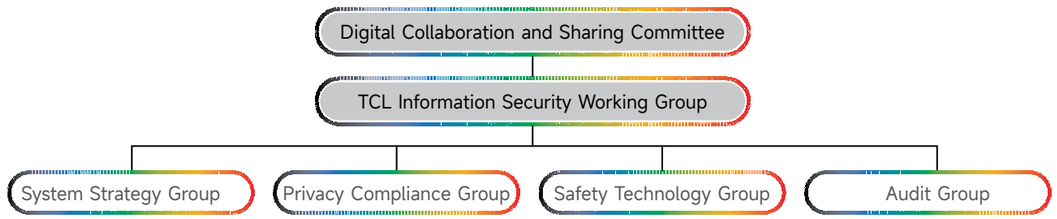
In 2024,

17

TCL Tech. subsidiaries achieved ISO 27001 certification during the year, and

NO

information security incidents were reported across the Group.



TCL Tech. Information Security Management Structure

TCL CSOT

- Formulated the *CSOT ISMS Information Protection and Asset Management Code* to enhance the information protection and asset management system.
- Established an Information Security Committee to guide strategy and review related policies.
- Rolled out the IPGuard data encryption system to prevent unauthorized data transfers.
- Organized quarterly employee training on security regulations, phishing, malware prevention, and incident reporting. Online assessments were integrated into performance evaluations.
- Conducted annual internal audits of the information security system, antivirus measures, and R&D practices, ensuring timely correction of any issues identified.

TCL Zhonghuan

- Established a Digital Transformation Committee, led by the CEO, overseeing digital strategy, data privacy, and cybersecurity.
- Conducted annual external audits, monthly internal inspections, and annual information security inspections.
- Deployed the ESAFENET document encryption system to enhance the encryption of outgoing files.
- Promoted the data security talent reserve plan, offering training and support for certifications such as CISSP.
- In 2024, the Company held 68 data security-related training sessions for all employees.

MOKA

- Built a data center meeting both national B+ and international T3 standards to support core business system data.
- Conducted asset identification and classification assessments, quantified risk levels, and developed risk mitigation plans.
- Provided company-wide information security training to raise awareness of data protection.
- Completed seven system penetration tests during the reporting period, identifying and fixing 24 security vulnerabilities.

TPC

- Developed the *Computer Management Regulations* to standardize computer and network usage.
- Strengthened management of local area networks, Internet services, and information systems to ensure the security and integrity of system operations.

Highly

- Developed the *IT Information Security Management System* and other documents to build an information asset security framework.
- Established an Information Security Management Committee, with the general manager overseeing the integration of security strategy and risk management.
- Created an information securety emergency response mechanism to improve the ability to handle emergencies.
- Regularly conducted risk assessments, system checks, and emergency drills to implement practices in information security management.

TCL CSOT and MOKA ISO27001 Certification

Information Security Management Measures of Various Industries Under TCL Tech

Privacy Protection

Protecting personal privacy is a core aspect of corporate responsibility in the digital era and a foundation for building customer trust. TCL Tech. has established the *Privacy and Personal Identifiable Information (PII) Protection Management Code*, with a focus on safeguarding internal employee data. Additionally, we have developed compliance guidelines covering personnel data across the Group, created dedicated channels for data subjects to exercise their rights, and ensured that all practices align with relevant data protection regulations. To safeguard customer information, we have implemented a structured privacy management system that includes data classification, tiered access controls, and rigorous review and monitoring procedures. These measures ensure data security, traceability, and effective risk control. To address the risk of privacy breaches, the Company has also developed an emergency response plan. In the event of incidents such as personal data leakage, tampering, or loss, we respond immediately in coordination with relevant departments to assess and mitigate the impact. Where required, we report such incidents to regulatory authorities to ensure accountability and minimize harm to affected individuals.

TCL CSOT

- Developed the *Information Security Management System (ISMS) Privacy and Personal Identifiable Information (PII) Protection Management Code*, detailing specific requirements for safeguarding the personal information of both employees and external stakeholders.
- Conducted regular training on privacy and PII protection. In 2024, 36,888 employees participated, with a 95% post-training test pass rate.

TCL Zhonghuan

- Developed the *Privacy Protection Policy*, strictly adhering to the principle of data minimization, and only collecting the essential information required for business operations.

MOKA

- Established a comprehensive privacy protection framework to ensure data security and control.
- Monitored privacy risks using security detection systems and isolated affected systems immediately to prevent the spread of data breaches.
- Implemented office network protocols, access control, HTTPS encryption, network segmentation, and other measures to prevent privacy leaks.
- Regularly organized attack-defense drills and data restoration tests, and integrated a security audit system to strengthen data management practices.

Privacy Protection Initiatives of Various Industries Under TCL Tech

We firmly believe that robust risk management, systematic compliance frameworks, and stringent data security practices are the solid foundation upon which enterprises can achieve sustainable development. In today's fast-changing global environment, TCL Tech. remains committed to advancing its capabilities in risk detection and response, strengthening compliance for cross-border operations, and ensuring end-to-end protection of data assets, thereby laying the groundwork for a secure and trusted digital ecosystem. Looking ahead, we will deepen the development of our governance systems in a more systematic, digital, and forward-looking manner. This includes optimizing internal controls, raising employee awareness around compliance and data protection, and enhancing the organization's ability to navigate complexity and uncertainty. We look forward to working closely with stakeholders to uphold a transparent, fair, and well-regulated business environment, and to jointly build a sustainable future grounded in integrity and trust.

Green Development

The Earth is our shared home, and protecting it is a responsibility we take seriously. In response to the growing challenges of climate change and environmental degradation, TCL Tech. is committed to embedding green and low-carbon practices across every stage of our operations. We actively support national goals for carbon peaking and carbon neutrality by increasing investment in environmental protection, improving resource efficiency, and minimizing environmental impact through cleaner production processes. At the same time, we are driving the broader green transition by promoting sustainable innovation and partnering with stakeholders to advance climate action. Through the power of technology and a shared commitment to sustainability, we aim to contribute meaningfully to the protection of our planet and the realization of a greener future.

Material Issues

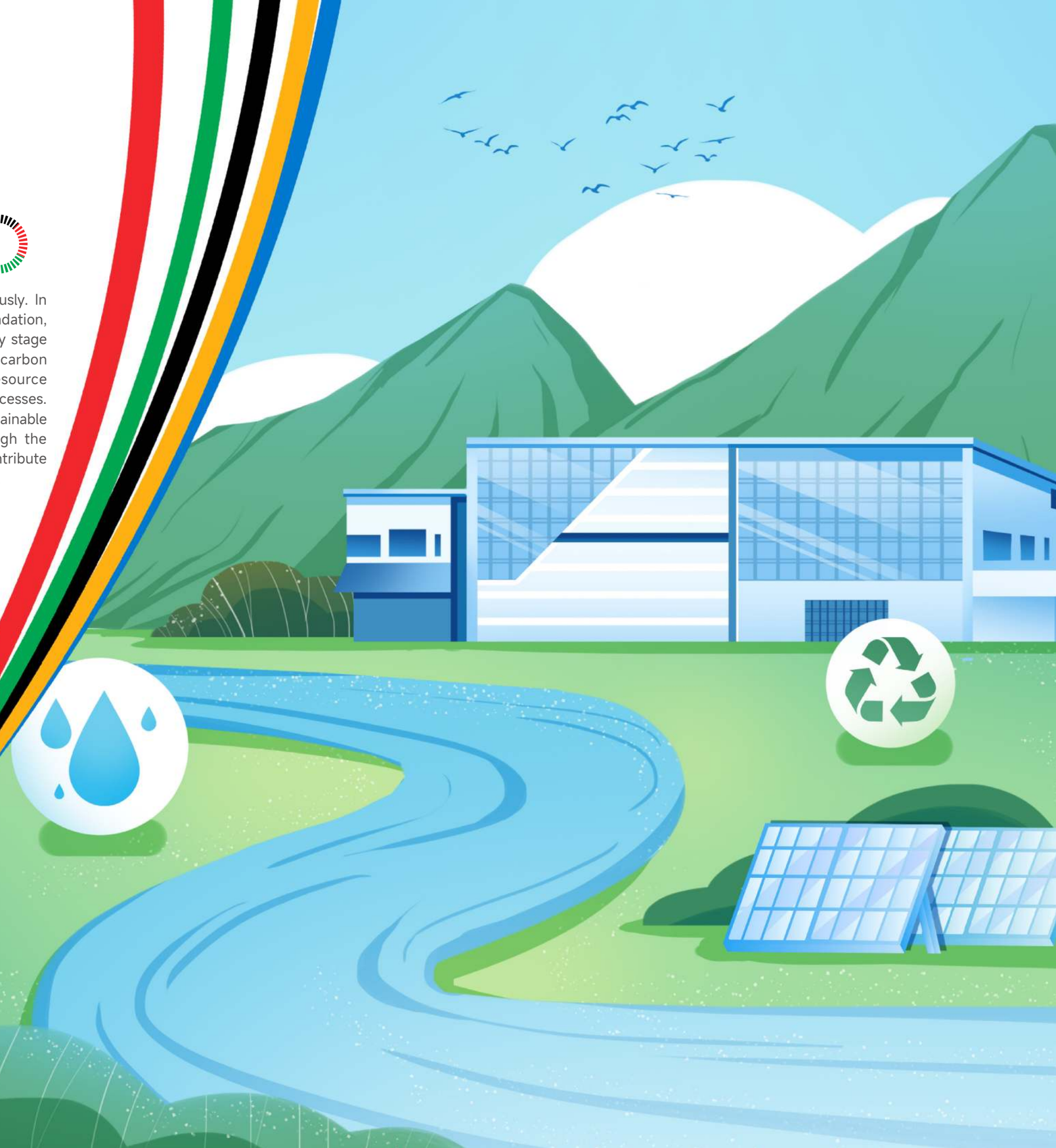
- Climate Change Response and Energy Management
- Water Resources Management
- Pollutant Management
- Resource Recycling and Waste
- Environmental Compliance and Ecological Protection

TCL Tech. launched its **first** group-scale organizational carbon footprint analysis platform, "Carbon Footprint Ledger"

A total of **13** products under TCL Tech. received ISO 14067 certification, and **8** products obtained Evaluation Carbone Simplifiée (ECS) certification

TCL Tech. has **28** companies certified under ISO 14001, **8** national-level green factories, and **6** provincial-level green factories

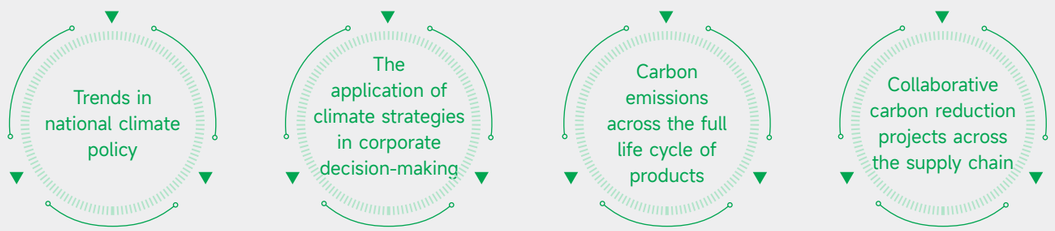
TCL Tech.'s Suzhou CSOT became the **first pilot** to officially join the Science Based Targets initiative (SBTi)



Climate Change Response and Energy Management

In response to global climate change and the accelerating energy transition, TCL Tech. takes a proactive approach to environmental responsibility. We are committed to green, low-carbon development and strive to align our operations with environmental sustainability through innovation and integrated resource management. In 2024, our efforts focused on climate risk assessment, energy efficiency, emissions reduction, green manufacturing, sustainable office practices, and the use of renewable energy. These initiatives have strengthened our climate resilience and energy management level, and laid a strong foundation for our long-term goal of carbon neutrality.

Through stakeholder engagement, we have identified growing interest in our climate and energy strategies. Investors are especially focused on risk management related to climate change. Customers increasingly care about product carbon footprints across life cycles, while supply chain partners emphasize collaborative emissions reduction. These expectations play a vital role in shaping our path toward a low-carbon future and accelerating the green transformation of society.



Stakeholder Concerns

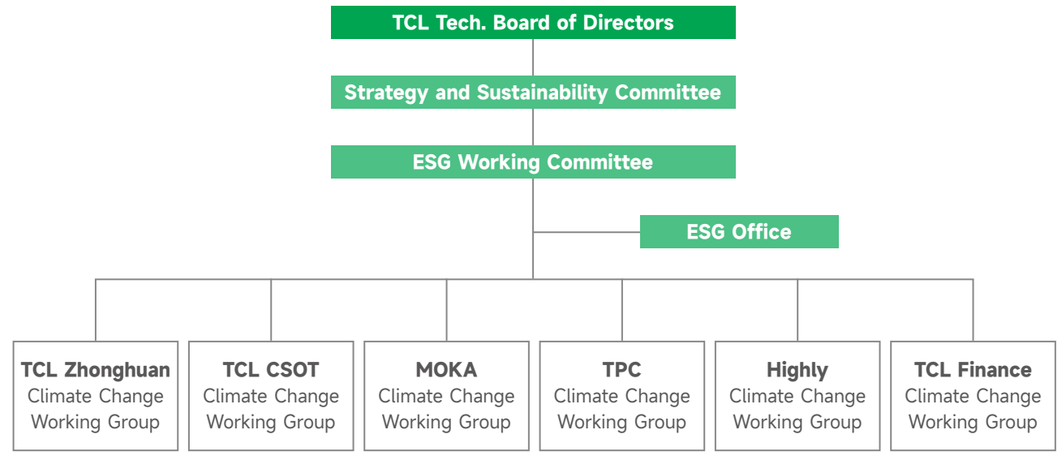
We continue to strengthen our climate and energy strategies by investing in green technologies and expanding the use of clean energy. In response to stakeholder expectations, we are committed to reducing the greenhouse gas intensity of our operations on a year-over-year basis.

Climate Change Risk Identification and Management

TCL Tech. places strong emphasis on identifying and managing climate-related risks. Following the framework recommended by the Task Force on Climate-related Financial Disclosures (TCFD), we conduct comprehensive assessments of both climate risks and opportunities. These insights inform our dual-carbon strategies and targets, enabling us to adopt effective risk management measures that strengthen our resilience in a changing environment. By aligning with evolving market dynamics and policy developments, we are actively advancing our climate response.

Governance

TCL Tech. continues to refine its climate governance system by integrating external market considerations with internal operational needs. We have established an industrial-level climate change working group to guide and coordinate climate-related initiatives. This group ensures the implementation of greenhouse gas reduction targets through clear oversight, accountability, and enforcement mechanisms.



TCL Tech.'s Management Structure for Climate Change Response

TCL CSOT has developed a climate change governance system led by the Board of Directors, with the Strategy and Sustainability Committee serving as the highest governing body for climate-related matters. At the planning level, the ESG Promotion Group and the Safety and Environmental Protection Management Committee oversee the overall climate strategy and dual carbon initiatives. Execution is managed by the ESG Coordination Organization and the Dual Carbon Management Coordination Organization, which are responsible for day-to-day implementation. The Strategy and Sustainability Committee reports annually to the Board, covering climate policies, target progress, strategic direction, and key priorities. The ESG Promotion Group and Safety and Environmental Protection Management Committee meet quarterly to track the breakdown and execution of carbon peaking and neutrality goals. The ESG Coordination Organization holds ad-hoc meetings to track the progress of climate management execution and monitor anomalies, while the Dual Carbon Management Coordination Organization meets quarterly to review the advancement of dual carbon initiatives.

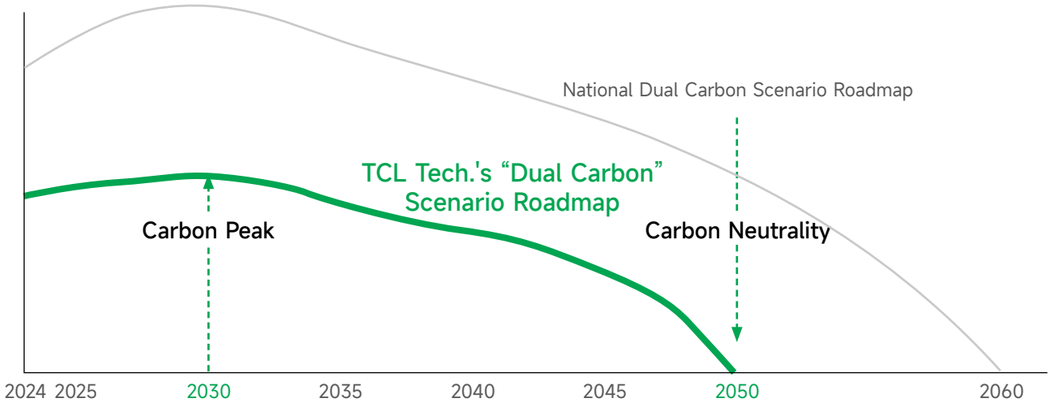
TCL CSOT Climate Change Governance System

TCL Zhonghuan has implemented a four-tier climate governance structure comprising "decision-making, supervision, management, and execution." The Board of Directors, together with the Strategy and Sustainability Committee, serves as the highest governing body for climate-related matters. This structure clearly defines responsibilities across all levels, ensuring that climate considerations are effectively integrated into corporate governance and day-to-day operations.

TCL Zhonghuan Climate Governance Structure

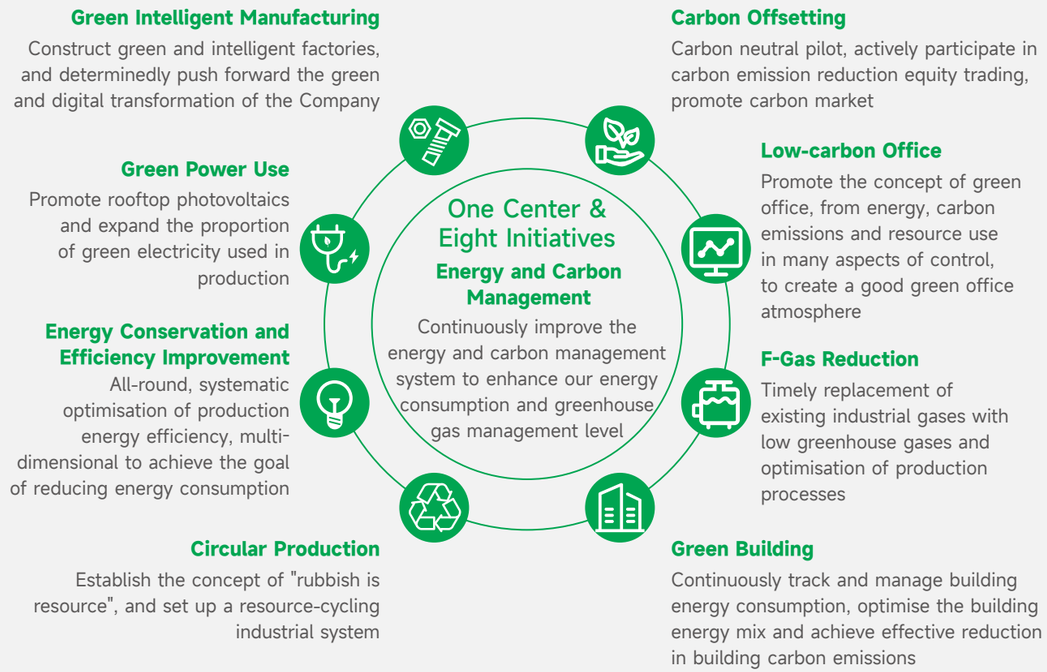
Strategy

TCL Tech. actively embraces the Paris Agreement initiative and fully aligns with the national strategy of "Working Actively and Prudently Toward the Goals of Reaching Peak Carbon Emissions and Carbon Neutrality". In 2023, the Company released its Carbon Neutrality White Paper, committing to peak carbon dioxide emissions by 2030 and achieve carbon neutrality across its operational emissions (Scope 1 and Scope 2) by 2050. Furthermore, TCL Tech. is committed to promoting carbon neutrality throughout its supply chain and contributing to broader societal goals. Guided by the International Sustainability Standards Board (ISSB) framework and the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), the Company has developed a strategic roadmap to support its "30·50" dual carbon plans.



TCL Tech.'s "Dual Carbon" Strategic Planning Roadmap

Under the guidance of TCL Technology Group, all business units are actively advancing energy-saving and emissions reduction initiatives. Key actions include refining the 2030 carbon peaking plan, upgrading to energy-efficient technologies, establishing carbon emissions monitoring systems, promoting green supply chain management, expanding the use of clean energy, piloting projects under the Science Based Targets initiative (SBTi), and exploring the adoption of internal carbon pricing. These efforts aim to accumulate valuable experience for comprehensive carbon emission reduction.



TCL CSOT Carbon Neutrality Strategy

Accelerate to achieve operational carbon neutrality

TCL Tech. is pursuing carbon neutrality across its operations through seven key pathways: energy-saving technology upgrades, green transportation, rooftop photovoltaic systems, integrated source-grid-load-storage solutions, self-sustaining power stations, green electricity procurement, and carbon offsetting. These measures are designed to reduce fossil fuel use, increase reliance on renewable energy, and accelerate progress toward operational carbon neutrality.

Create zero-carbon PV products to drive carbon neutrality in value chain

We are committed to advancing carbon neutrality across the entire value chain by upgrading our green supply chain and investing in low-carbon innovation. This includes R&D in granular silicon technology, the production of larger and thinner silicon wafers, and full life-cycle carbon management, covering manufacturing and transport to use, recycling, and disposal. Our G12 modules and other photovoltaic products have received carbon footprint certifications from recognized institutions in France. We remain dedicated to launching PV solutions with lower emissions at every stage of the product life cycle, contributing to the broader goal of a zero-carbon society.

Facilitate the construction of a power system with renewable energy as the main supply and contribute to a green society

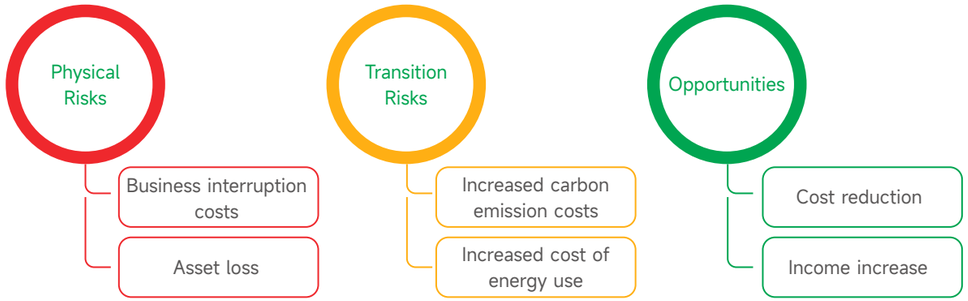
Driven by sci-tech innovation, we are increasing investment in photovoltaic technologies, expanding production capacity, and enhancing product efficiency. By lowering the levelized cost of electricity (LCOE) and improving the power generation performance over the product lifecycle, we aim to support the global shift toward renewable energy and help build a more sustainable energy system.

TCL Zhonghuan Carbon Neutrality Strategy

Risk Management

TCL Tech. views climate change as both a risk and an opportunity, and integrates its response into core corporate governance and long-term strategy. Climate factors are embedded in the Company's overall risk management system to strengthen adaptability and resilience. Subsidiaries are encouraged to identify and assess physical and transition risks across their operations and supply chains, helping to enhance group-wide climate risk response capabilities.

TCL CSOT's climate risk and opportunity management process includes identification, assessment, response, and tracking supervision. The goal is to keep risks visible and under control, while turning climate pressures into opportunities for quality growth. In 2024, TCL CSOT analyzed the financial impact of key climate variables most relevant to its operations.



Financial Impact Analysis of TCL CSOT Climate Factors

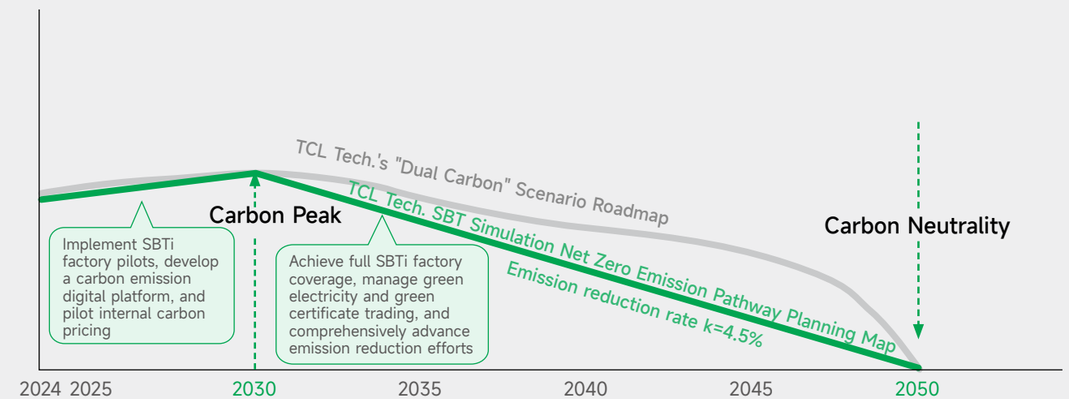
TCL Zhonghuan draws on climate scenario models such as IPCC AR6 and IEA roadmaps to build a framework tailored to its business needs. This year, the company carried out its first full-scale qualitative and quantitative climate risk and opportunity assessment across all production sites. The analysis covered financial impacts over short-, medium-, and long-term horizons under different scenarios, supporting stronger climate resilience. Climate-related dependencies, risks, and opportunities have been built into the company's risk management system. These factors are also considered in strategy and investment decisions. Based on the findings, TCL Zhonghuan has introduced targeted actions, including adjusting its energy mix to cut emissions, strengthening R&D, and continuing to deliver advanced photovoltaic products. Oversight is provided by the Sustainable Development Steering Committee.

Indicators and Targets

To fully understand greenhouse gas emissions, TCL Tech. has developed a greenhouse gas management framework and a metric-based indicator system aligned with global reporting standards. This supports accurate accounting and reporting of emissions across the group.

In line with China's dual-carbon strategy, the Company continues to study national policies on carbon peaking and neutrality. To meet these goals, TCL Tech. is advancing clean energy adoption and exploring energy-efficient upgrades. Taking into account the unique operational conditions of each subsidiary, such as production scale, capacity, energy usage, and investment, the Company collaborates with its subsidiaries to scientifically calculate, plan, and set short-term, medium-term, and long-term carbon targets. These targets are set at the group level and cascaded down for execution.

As climate concerns grow globally, TCL Tech. recognizes the urgency of coordinated action. The Company is actively exploring the Science-Based Targets initiative (SBTi), reviewing its methods and modeling a pathway toward future net-zero emissions. This ensures that TCL Tech.'s climate goals stay aligned with the temperature goals required by the Science Based Targets initiative (SBTi).



TCL Tech. SBT Simulation Net Zero Emission Pathway Planning Map

Key Performance Indicators	Unit	2023	2024
Total Greenhouse Gas Emissions	TCO_2e	60,460,231.56	65,208,109.19
Scope 1 Emissions	TCO_2e	465,556.10	751,872.07
Scope 2 Emissions	TCO_2e	8,506,581.61	8,891,692.29
Greenhouse Gas Emissions Within Operational Scope (Scope 1 + Scope 2)	TCO_2e	8,972,137.71	9,643,564.36
Greenhouse Gas Emissions intensity Within Operational Scope (Scope 1 + Scope 2)	TCO_2e/RMB million in revenue	51.46	58.51
Scope 3 Emissions - Total	TCO_2e	51,488,093.85	55,564,544.83

GHG Key Environmental Performance of TCL Tech. in 2024

Key Performance Indicators	Unit	2023	2024
Scope 3-Employee Business Travel	TCO_2e	4,810.17	7,724.66
Scope 3-Product Transport and Distribution	TCO_2e	53,383.38	80,486.89
Scope 3-Waste Generated in Operations	TCO_2e	38,555.15	77,317.49
Scope 3-Processing of Sold Products	TCO_2e	1,957,050.20	1,618,676.33
Scope 3-End-of-life Treatment of Sold Products	TCO_2e	83,821.32	161,156.94

Details of Scope 3 GHG Categories of TCL Tech. in 2024[5]

[5] Note: Disclosing Scope 3 emissions is a key step in extending TCL Tech.'s climate strategy across the full value chain and reflects our commitment to SBTi-aligned temperature goals. Given the complexity of tracking all 15 categories under the GHG Protocol, we have focused on five categories: Employee Business Travel, Product Transport and Distribution, Waste Generated in Operations, Processing of Sold Products and End-of-life Treatment of Sold Products. This approach encourages subsidiaries to take greater responsibility for emissions beyond their direct operations. Scope 3 data is for reference only and is not intended for third-party evaluation.

Special note: The total Scope 3 emissions reported exceed the sum of these five categories. This is because several subsidiaries have chosen to report additional Scope 3 items based on their own operations. However, the boundaries for the five selected categories remain consistent with those used in Scope 1 and Scope 2 reporting.

Reliable data is key to effective ESG decision-making. To boost transparency, improve internal processes, and manage risks more effectively, TCL Tech. has developed the "Carbon Footprint Ledger" platform in 2024. Targeted training will help improve data accuracy and consistency across groups, laying the groundwork for robust carbon analysis and progress toward dual carbon goals.

Digital ESG management is set to become a strategic priority. TCL Tech. will continue to grow its ESG digital infrastructure, expanding into new areas and building a unified platform to support the industry's shift toward green digital transformation.

TCL Tech. Launched the "Carbon Footprint Ledger" Digital Management Platform

The "Carbon Footprint Ledger" digital management platform is built on the Organization's carbon footprint data. Currently, it covers five core industries and 42 legal entities under TCL Tech. By benchmarking against various regulatory agencies and international standards, the platform utilizes digital technology to collect and analyze carbon data. This enables the Company to comprehensively assess its position relative to industry peers and international markets, providing valuable insights into market trends and helping seize opportunities. This data serves as a solid foundation for achieving the dual carbon goals. The first phase of the project focuses on greenhouse gas emissions and system management. In the future, the platform will incorporate additional ESG core indicators and integrate AI-driven technology to link the ESG digital platform with the financial system.

TCL Tech.'s "Carbon Footprint Ledger" Platform

covers

5 core industries

42 legal entities under TCL Tech

"Carbon Footprint Ledger" Information Section

TCL CSOT's Suzhou Base Joined the SBTi

On December 18, 2024, Suzhou CSOT, a subsidiary of TCL CSOT, officially joined the SBTi. As the first pilot project across the Company, it sets short-term carbon reduction goals aligned with climate science. The Suzhou base committed to reducing its absolute emissions from its own operations by 42% by 2030 compared to 2023 levels and to reduce its supply chain emissions (purchased goods and services) by 25% by 2030, also relative to 2023.

TCL CSOT Suzhou Base Officially Joined the SBTi

Energy Management and Carbon Emissions

TCL Tech. is advancing green, digital, and smart manufacturing across its facilities. The Company is driving energy structure upgrades and boosting efficiency through conservation initiatives. It continues to innovate in circular production, resource integration, and the adoption of low- and zero-emission technologies, cutting carbon at both the source and process level. Investment in renewable energy and clean-tech R&D is growing, helping to scale clean energy use in operations and support industry-wide sustainability.

Energy Management System

TCL Tech. complies with national energy conservation laws and standards, including the *Energy Conservation Law of the People's Republic of China* and the *Measures for the Administration of Industrial Energy Conservation*. Subsidiaries have established frameworks to support these goals. TCL CSOT has implemented internal policies such as the *Energy Management System Manual* and the *Energy Measurement Management Code*. In 2024, TCL Zhonghuan issued its *Environmental Management Policy*, incorporating specific energy-saving guidelines. That same year, MOKA updated its Energy Management Manual to enhance its system.

TCL Tech. actively pursues certifications for greenhouse gas emissions and energy systems, including ISO 14064, ISO 14067, and ISO 50001. The Company regularly organizes energy-saving and carbon reduction training to improve greenhouse gas emission management capabilities and systematically advance energy conservation, consumption reduction, and carbon reduction efforts. By the end of 2024, all production-oriented legal entities under TCL Tech. had obtained ISO 14064 certification, and 20 companies had achieved ISO 50001 certification.

In 2024, Wuhan CSOT, a subsidiary of TCL CSOT, calculated the carbon footprint of a 12.9-inch display panel (1 EA) in compliance with ISO 14067:2018 *Greenhouse Gases – Carbon Footprint of Products – Requirements and Guidelines for Quantification*. The product's half-life cycle carbon footprint was 24.99 kgCO2e/EA, and the product received a product carbon footprint certificate.

As of the end of the reporting period, TCL Tech. had 13 products certified under ISO 14067, and eight products had been certified by the Evaluation Carbone Simplifiée (ECS).

By the end of 2024

20

companies had achieved ISO 50001 certification

TCL Tech. had

13

products certified under ISO 14067

8

products had been certified by the Evaluation Carbone Simplifiée (ECS)

TCL CSOT Energy Management System Certification

Zhonghuan Applied Materials Energy Management System Certification

MOKA Energy Management System Certification

Green Intelligent Manufacturing

TCL Tech. integrates green production into both its corporate strategy and day-to-day operations, placing a strong focus on minimizing environmental impact across its manufacturing processes. The Company actively manages energy use, controls emissions, and improves resource efficiency to build a robust and scalable green production system.

TCL CSOT has set a goal to cut carbon intensity per unit of capacity by an average of 3% each year through 2030. To support this, a mid-level energy conservation group was formed in 2024. Under the "Three Gorges Project" initiative, 361 energy-saving actions were carried out, including upgrades in deepwater cooling, process innovation, and equipment replacement. These efforts saved RMB 125 million and reduced energy use per unit area by 5.5% compared to 2023. At its Wuhan base, TCL CSOT made several key upgrades, such as replacing the regenerative thermal oxidizer (RTO) and optimizing the air compressor system. Adjustments to the Array CVD process reduced NF3 consumption from 0.99 kg/wafer to 0.65 kg/wafer, representing a 34.32% decrease. This resulted in a total savings of 168 tonnes of NF3 and 3,951 tonnes of indirect carbon emissions in 2024. Additionally, energy audits were conducted at the Shenzhen, Huizhou, and Guangzhou bases to further identify opportunities for improvement.

361

energy-saving actions were carried out, including upgrades in deepwater cooling, process innovation, and equipment replacementt

These efforts saved RMB

1.25 million

This resulted in a total savings of

168 tonnes of NF3

3,951

tonnes of indirect carbon emissions

TCL CSOT Wuhan Base RTO Replacement Project

TCL CSOT Wuhan Base Air Compressor System Optimization Project

TCL CSOT t6 R&D Building Near-Zero Carbon Pilot Project Exclusively Passed First Batch Acceptance of Shenzhen Near-Zero Carbon Pilot Project

In November 2021, Shenzhen issued a solicitation for the first batch of near-zero carbon emission zone pilot projects. TCL CSOT's t6 R&D Building applied for and successfully joined the first batch of building pilot projects by adopting a near-zero carbon development strategy. On December 18, 2024, it passed the acceptance review for Shenzhen's first batch of pilot projects. The t6 R&D Building's near-zero carbon strategy includes utilizing the energy-saving design advantages of the building, installing high-efficiency air conditioning and energy-saving lighting systems, optimizing the building's energy structure by adding a rooftop photovoltaic system, and creating a dual carbon management system with associated standards. A smart energy monitoring and management system was also implemented, with the company's energy-saving management group overseeing the building's low-carbon operation and maintenance. These efforts maximized energy conservation potential, ensuring the efficient and low-carbon operation of the near-zero carbon building, achieving a "double reduction" in total carbon emissions and emissions per unit of floor area.

深圳市生态环境局

深圳市生态环境局关于公布2024年度
近零碳排放区验收结果的通知

TCL CSOT t6 R&D Building Near-Zero Carbon Pilot Project Exclusively Passed First Batch Acceptance of Shenzhen Near-Zero Carbon Pilot Project

Ningxia Zhonghuan Solar-grade Monocrystalline Silicon Material Intelligent Manufacturing Demonstration Factory under TCL Zhonghuan – Dark Factory

Leveraging years of experience in Industrial 4.0 manufacturing transformation, TCL Zhonghuan has developed an independent, collaborative, and efficient "dark factory" through technological innovation and deep integration with the Industrial 4.0 manufacturing system.

In 2024, MOKA took a series of strategic actions to enhance its energy management practices for equipment operation.

Equipment Management	During the off-season and holidays, non-operating production lines and equipment were powered off.	Significantly reduced workshop power consumption and energy waste.
Optimization of Air Conditioning System	Standardized air conditioning use in workshops and office areas during the summer, locked the operation interface, and limited the minimum temperature setting.	Prevented excessive cooling, reducing air conditioning energy consumption.
	Deactivated air conditioners in unmanned or temperature-uncontrolled areas.	Reduced unnecessary air conditioning operation, saving electricity.
	Regularly cleaned and maintained air conditioning filters in workshops to reduce operating load and energy loss.	Improving air conditioning efficiency, reducing energy consumption.
Management of AHU Equipment	Worked with the Equipment Department to establish a maintenance schedule for air conditioners, ensuring efficient operation.	Extended equipment lifespan and maintained high energy efficiency.
	Regularly maintained and replaced primary and medium-efficiency filters, atomizing nozzles, and fans to reduce equipment load and energy loss.	Improved equipment efficiency, lowered energy consumption, and reduced failure rates.

Green Office

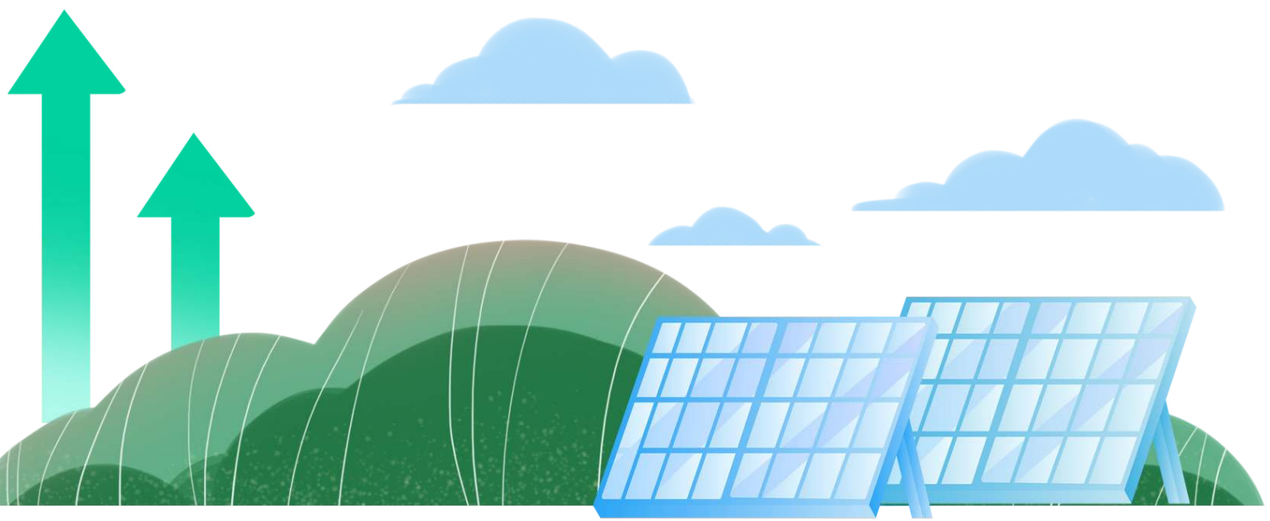
TCL Tech. sees energy conservation and environmental protection as part of its core responsibility. The Company promotes green office practices by managing energy use, carbon emissions, and resource consumption across its operations, creating an environmentally conscious workplace culture. Training sessions, knowledge sharing, and themed activities help raise employee awareness and build environmental skills.

In 2024, TCL CSOT introduced several energy-saving measures, including replacing fluorescent lights with LEDs and shifting to a paperless reimbursement system. These efforts contributed to lower energy use and reduced emissions. Energy-saving awareness was promoted across TCL CSOT bases through staff training, on-site inspections, internal bulletins, radio messages, and digital displays. Group members responsible for energy initiatives also took part in technical training, exchanges with certified green factories, and industry exhibitions to strengthen their skills in energy management.

Ningxia Huan'Ou, a Subsidiary of TCL Zhonghuan, Carried Out the "Green Transformation, Energy Saving" Publicity Activity

During the 2024 National Energy Conservation Publicity Week, Ningxia Huan'Ou, a subsidiary of TCL Zhonghuan, conducted an energy conservation publicity activity themed "Green Transformation, Energy Saving". The initiative was widely promoted throughout the factory via various mediums, including electronic screens, banners, and internal corporate networks. Furthermore, training sessions on energy conservation and carbon reduction were held, along with a quiz on energy-saving and carbon reduction knowledge, to educate employees and foster a strong culture of energy conservation and environmental protection. Over 500 people participated in the activity, achieving a coverage rate of 70%.

Ningxia Huan'Ou "Green Transformation, Energy Saving" Publicity Activity



Renewable Energy Use

TCL Tech. and its subsidiaries continue to expand their use of renewable energy. The Company is reshaping its energy mix through three key methods: on-site green power generation, participation in green electricity trading, and acquiring or developing green certificates. These steps help reduce dependence on fossil fuels, increase the share of green electricity and lower the environmental impact of operations, driving progress toward the 2050 target of 100% renewable energy use.

TCL CSOT has made strong progress in scaling up green energy. In 2024, Wuhan CSOT purchased 36.3 million kWh of green electricity, while Shenzhen CSOT obtained 160 million kWh in green certificates through power sales agreements. Across its sites, TCL CSOT generated 151.995 million kWh from photovoltaic systems, further cutting traditional energy use. To support stable power supply and cost efficiency, energy storage stations were installed at the Shenzhen, Guangzhou, and Suzhou bases. These systems store electricity during off-peak hours and release it during peak demand, reducing costs and acting as backup power sources. The approach delivers both environmental and economic value.

TCL CSOT Energy Storage Power Station Project

In 2024, TCL CSOT completed an energy storage power station project with a total capacity of 21 megawatts. By charging during valley and flat periods and discharging during peak periods, the project effectively reduced electricity costs. Additionally, the lithium iron phosphate batteries used in the project have a cycle life of over 5,000 cycles and can be charged and discharged approximately 34,000 kWh per day, contributing to the sustainable development of green energy.

TCL CSOT Energy Storage Power Station Project

TCL Zhonghuan continues to advance the use of cutting-edge technologies and manufacturing upgrades to drive down the Levelized Cost of Energy (LCOE) in the photovoltaic sector.

By the end of 2024, all facilities had installed rooftop photovoltaic systems.

100%

Huansheng Solar, a Subsidiary of TCL Zhonghuan, Presented Sand Control and Wasteland Rehabilitation Solutions at the UNCCD COP16

In 2024, the UNCCD COP16 was held in Riyadh, Saudi Arabia. As a leading global photovoltaic module supplier, TCL Zhonghuan was invited to participate in the side events of the conference and delivered a keynote speech titled "Advanced Manufacturing Fuels Energy Transformation", sharing its experience and achievements in applying photovoltaic technology to combat desertification.

MOKA is actively expanding its use of clean energy. In 2024, photovoltaic heating systems installed in living areas helped cut electricity use by 660,000 kWh, reducing carbon emissions by 386 tonnes. The total installed capacity of distributed solar power exceeded 13 MW, with an estimated annual reduction of 1,543 tonnes of carbon emissions. The company also added new energy vehicle charging stations in its employee parking areas, expected to cut carbon dioxide emissions by roughly 177 tonnes per year.

In 2024, photovoltaic heating systems installed in MOKA's living areas helped cut electricity use by **660,000** kWh reducing carbon emissions by **386** tonnes

We remain committed to embedding sustainability into daily operations. By optimizing green manufacturing processes, promoting low-impact office practices, adopting energy-saving technologies, and scaling up renewable energy use, we aim to improve energy management and strengthen our climate resilience. Looking ahead, we will continue to engage stakeholders, reduce energy and carbon intensity across operations, and lead by example in the green transformation of the industry.

Environmental Compliance and Ecological Protection

TCL Tech. places strong emphasis on stakeholders' concerns related to environmental compliance and ecological protection. Through ongoing stakeholder engagement, we have identified consistent attention from investors, customers, suppliers, employees, media, industry associations, and regulatory bodies to the Company's environmental performance. In response, we maintain strict adherence to both domestic and international environmental regulations and have built a comprehensive environmental management and risk response system to ensure timely, effective action. In 2024, the Company maintained a strong environmental compliance record, with no reported incidents, penalties, or litigation cases throughout the year.

- Environmental violations
- Environmental public opinion risks
- Improvement of environmental risk management
- Ecological planning in communities

In response to stakeholders' key concerns regarding environmental compliance, public opinion risks, enhanced risk control, and community ecological planning, we have continued to strengthen environmental compliance management, refine risk response mechanisms, and advance ecological protection initiatives, working collaboratively with stakeholders to build a green and sustainable future.

Environmental Compliance Management

TCL Tech.'s manufacturing subsidiaries strictly comply with environmental laws, regulations, and policy standards in their respective production regions. Internal guidelines have been developed for air pollution control, water pollution prevention, and waste management, ensuring that environmental management systems operate in a standardized, streamlined, and efficient manner. Clear roles and responsibilities have been established to support the effective execution of environmental management tasks. Each manufacturing subsidiary has set up dedicated environmental departments and implemented robust reporting procedures. A tiered performance target system helps drive the continuous execution and refinement of environmental practices. We place strong emphasis on building and strengthening our environmental management systems, underscoring our commitment to reducing environmental impact through systematic and standardized approaches.

Ningxia Zhonghuan ISO 14001 Environmental Management System Certification

TCL CSOT ISO 14001 Environmental Management System Certification

TPC ISO 14001 Environmental Management System Certification

All industrial subsidiaries under TCL Tech. strictly adhere to green factory standards by establishing, implementing, and continuously improving their green manufacturing systems. Principles of green production and sustainable manufacturing are fully embedded in daily operations and management practices. In 2024, Guangzhou CSOT was recognized as a "Green Factory" by the city of Guangzhou, while China Display Optoelectronics Technology received the "Green and Low-Carbon Development Award" for Outstanding Enterprises from the Zhongkai High-Tech Industrial Development Zone.

Guangzhou CSOT Recognized as a "Green Factory" by the Guangzhou Municipal Government

China Display Optoelectronics Technology Received the 2024 "Green and Low-Carbon Development Award" from Zhongkai High-Tech Industrial Development Zone

By the end of 2024:

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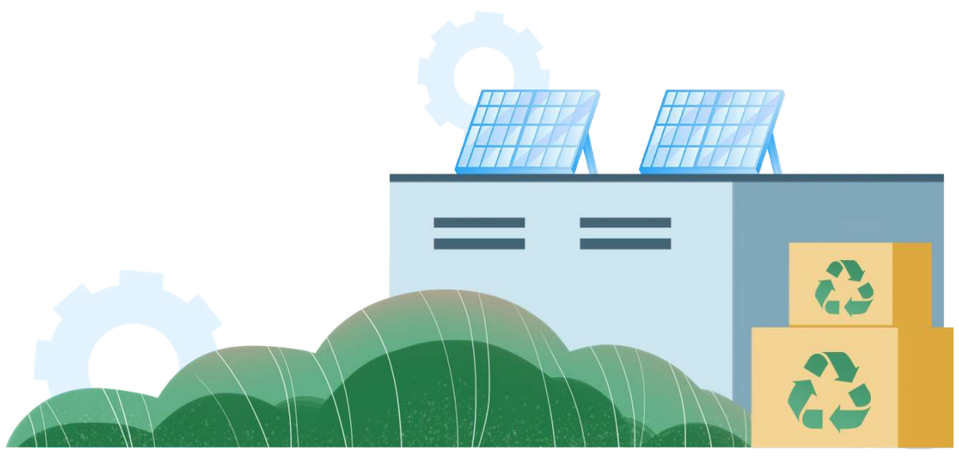


Environmental Risk Response

TCL Tech. strictly complies with relevant environmental laws and standards to ensure the proper treatment and compliant discharge of pollutants, while continuously strengthening environmental risk management. TCL CSOT and TCL Zhonghuan conduct both online and self-monitoring in full alignment with their pollutant discharge permits. They also engage qualified third-party agencies to perform regular sampling and analysis, ensuring data accuracy and transparency. Monitoring results are uploaded in real time to the environmental authority's management platform.

We have established an efficient environmental incident response mechanism supported by a comprehensive management system and contingency plans for environmental emergencies. These frameworks clearly define procedures for handling high-risk environmental events, including reporting protocols, investigation processes, accountability measures, and reward and penalty mechanisms, ensuring that environmental risk control remains standardized and effective. In addition, all manufacturing subsidiaries have developed comprehensive environmental risk response systems tailored to their operations:

- TCL CSOT has established the *CSOT Safety and Environmental Incident Management Procedures* and the *Emergency Plans for Sudden Environmental Incidents*. Regular internal emergency drills are conducted to ensure employees are well-versed in response protocols.
- TCL Zhonghuan has established a comprehensive risk management framework and internal mechanisms for identifying, assessing, and responding to potential risks (including environmental risks such as climate and water stress risks) along with their impact pathways and dependencies. By effectively managing risks, hazards, and emergencies through the "Three Lines of Defense" approach, TCL Zhonghuan implements collaborative and root-cause management to ensure the effective operation of its risk management mechanisms. To support emergency readiness, TCL Zhonghuan has developed the *Emergency Procedures for Sudden Environmental Events* and standardized its response processes and systems. The company continues to enhance its environmental risk management capabilities through regular system optimization and performance improvement. In addition, Zhonghuan Advanced has led the development of the *Environmental Factors Identification and Evaluation Management System*, which requires operational units to issue environmental impact assessment reports.
- MOKA has established the *Risk and Opportunity Analysis Management Procedures* to evaluate the effectiveness of environmental and other risk-response measures. These evaluations are integrated into management reviews and other key operational stages, guiding the development of targeted response strategies and action plans.

In 2024, **0** environmental incidents, regulatory penalties, or litigation cases were reported.

TCL Zhonghuan's Subsidiary Zhonghuan Applied Materials Conducted Environmental Training for Suppliers

In 2024, Zhonghuan Applied Materials, a subsidiary of TCL Zhonghuan, conducted specialized training for stakeholders focusing on environmental management and energy efficiency improvement. The training covered 16 supplier management personnel and was subsequently cascaded to individual employees, achieving 100% coverage of stakeholders within the park. The training topics included emergency response plans for environmental incidents, energy-saving technology applications, and environmental protection. This initiative enhanced stakeholders' capabilities in environmental risk response and energy management, laying a stronger foundation for TCL's green transformation.

Ecological Protection

TCL Tech. prioritizes addressing the potential negative environmental impacts of its operations. Throughout the entire lifecycle of project development, construction, and daily operations, the company rigorously adheres to the *Law of the People's Republic of China on Environmental Impact Assessment* and other relevant laws and regulations focused on environmental and biodiversity protection. Ecological and environmental resources are considered critical boundary conditions in both project investment and planning.

TCL CSOT Wetland Park

The TCL CSOT Wetland Park plays a vital role in maintaining ecological balance and protecting biodiversity in the region. Spanning 45,000 m^2, the park features year-round flowing water and lush greenery, providing a safe and tranquil habitat for migratory birds, fish, insects, and other wildlife.

TCL Zhonghuan has established a Biodiversity Protection Policy and is committed to achieving a Net Positive Impact (NPI), in line with the vision outlined in the Kunming Declaration, which aims to realize "Harmonious Coexistence between Humanity and Nature" by 2050. Leveraging its expertise in photovoltaic technology, the company actively supports ecological restoration in diverse regions. The company has introduced an innovative "Photovoltaics + Ecological Restoration" model, implementing solutions such as aquaculture-PV integration and PV-based desertification control.

TCL Zhonghuan Garden Factory

TCL Zhonghuan has been actively developing its garden-style factories, creating a work environment that integrates architecture with nature and fosters harmonious coexistence between people and the natural world. The favorable ecological setting of the Ningxia Zhonghuan factory has even attracted a family of egrets to settle there.

Looking ahead, we will continue to strengthen our environmental compliance management system, enhance emergency response plans for environmental risks, and implement ecological protection measures to improve overall compliance and risk control capabilities. We will also deepen our engagement with stakeholder concerns, identify and assess environmental risks across our operations, and develop targeted response strategies. By actively participating in ecological restoration efforts, we aim to further improve our performance in environmental compliance and protection, fulfilling our environmental responsibilities through practical and measurable actions.

Green Manufacturing and Circular Economy

Green development is one of TCL Tech.'s core corporate strategies, underpinning our commitment to building an environmentally friendly enterprise. Our manufacturing subsidiaries have established standardized environmental management systems and organizational structures to support this vision. In response to identified environmental risks in production and operations, comprehensive emergency response plans have been put in place, strengthening prevention, enhancing response capabilities, and ensuring both environmental safety and operational continuity.

Water Resource Management

TCL Tech. places great importance on water resource management, guided by the principles of conservation and efficiency. We implement region-specific, diversified measures to reduce water extraction and consumption in our operations, while strictly preventing water waste. Our goal is to achieve a consistent year-over-year reduction in water intensity across all production activities.

Governance

TCL Tech.'s manufacturing subsidiaries strictly comply with relevant laws and regulations in China and other countries where we operate. We manage water use across withdrawal, usage, and recycling to ensure efficient resource utilization. In 2024, TCL CSOT revised and consolidated its *Water Resource Management Policy*, which includes six supporting systems: "Water Conservation Responsibilities by Position", "Water Use Efficiency Management System", "Water Use Planning System", "Routine Inspection and Maintenance System", "Water Conservation Work Meeting System", and "Wastewater Treatment Policy". These systems help ensure compliance, improve efficiency, reduce waste, and protect water environments. The policy is implemented by water management teams at each base. Water performance is also linked to senior executive KPIs, with dedicated departments overseeing planning and execution.

TCL Zhonghuan has developed and implemented the *Environmental Management Policy* to continuously enhance its water resource governance structure. Under the Board of Directors' Strategy and Sustainability Committee, the Sustainable Development Steering Committee serves as the highest governing body for water resource management. Together, they are responsible for driving the company's water management strategies and performance targets. Water metrics are included in ESG governance and tied to performance reviews of factory managers, linking water responsibility directly to operational outcomes.

MOKA has formulated the *Water Resource Management Policy* and established a Water Conservation Office, appointing dedicated personnel to oversee water-saving initiatives. The aim is to improve water use efficiency and reduce overall water consumption.

TCL Zhonghuan Water Resource Management Organizational Structure

Strategy

Water Conservation

We attach great importance to water conservation and are committed to progressively reducing water consumption in production and operations through technological innovation and process optimization.

TCL CSOT

Wuhan CSOT, a subsidiary of TCL CSOT, achieved approximately 3,400m^3 of daily water savings by adding recycled water drainage pipelines and optimizing equipment drainage logic; Suzhou CSOT manually adjusted reclaimed water supply to cooling towers and pure water systems, reducing the use of municipal water.

Guangzhou CSOT, a subsidiary of TCL CSOT, completed a water balance test and water-saving enterprise development, passed expert review, and was officially recognized as a 2024 Guangzhou Water-Saving Enterprise (Batch III). Shenzhen CSOT's t6 and t7 were successfully selected as 2024 Provincial Water-Saving Benchmark Enterprises.

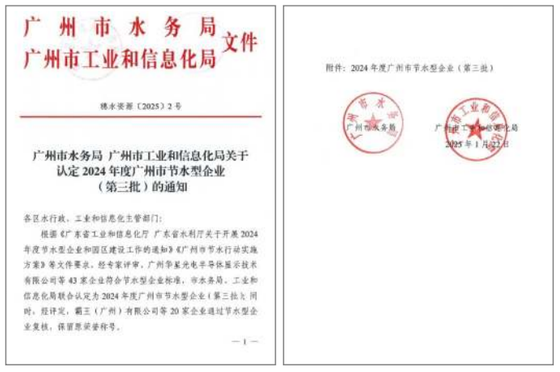
TCL Zhonghuan

Huansheng Jiangsu, a subsidiary of TCL Zhonghuan, optimized pipeline layouts to address high water consumption in cooling tower evaporation, achieving daily water savings of approximately 80 tonnes. Huansheng Photovoltaic improved its pure water system, raising the water production rate from 58% to an estimated 72%, saving about 307 tonnes of tap water per day.

MOKA

MOKA's newly built water-supply project in the garden used water-saving appliances, including high-efficiency cisterns, self-closing flush valves, sensor-activated flush valves, and aerator faucets, achieving 100 % installation coverage. In addition, the company posted water-conservation slogans to foster a strong water-saving culture and heighten employees' awareness of water conservation.

Water Conservation Highlights of the Year


广州市水务局
广州市工业和信息化局 文件

广州市水务局 广州市工业和信息化局关于认定2024年度广州市节水型企业（第三批）的通知

附件：2024年度广州市节水型企业（第三批）

Guangzhou CSOT, a Subsidiary of TCL CSOT, Officially Recognized as a 2024 Guangzhou Water-Saving Enterprise

Shenzhen CSOT's t6 and t7 Successfully Designated as 2024 Provincial Water-Saving Benchmark Enterprises

Water Recycling

TCL Tech. actively promotes water recycling across its operations. Its manufacturing subsidiaries have adopted advanced wastewater treatment and reuse technologies to build a closed-loop water management system that integrates source reduction, in-process reuse, and end-of-pipe treatment, significantly improving overall recycling rates. In addition, water-saving measures such as condensate and concentrated water recovery are being widely implemented. The use of alternative water sources is also expanding, further reducing water waste.

In 2024, all bases under TCL CSOT adopted water recycling measures.

Guangzhou CSOT

Adjusted the proportion of concentrated water to increase the recovery rate: Following the Phase II expansion of the organic recovery system, adjustments to the concentrate valve settings increased the water output ratio, resulting in a 12% year-on-year improvement in the recycling rate.
Optimized tool drainage reuse: WET tool drainage was redirected from W6 to W18 based on assessment results, raising the recovered water ratio. In 2024, the average daily water recycling rate reached 86.35%, a 10% year-on-year increase.
Constructed a Rainwater harvesting system: A rainwater collection system was constructed and put into operation in May 2024.

Wuhan CSOT

Classified treatment of fluoride-containing wastewater:

oFR1 (fluoride-bearing reclaimed wastewater): Recovered via two-stage RO.
oFR2 (reclaimed water from local scrubber): Sent to the fluoride-wastewater treatment system for advanced treatment before discharge.
oFR3 (ammonium fluoride wastewater): After pretreatment, the product water was directed into FR1, while the concentrate underwent further ammonia and fluoride removal, resulting in an annual water recovery of 780,000 m^3.
Heavy metal removal from wastewater: Silver-bearing wastewater was first treated with a de-silvering reagent and coagulation–sedimentation, lowering the Ag concentration to below 0.1 ppm. A second-stage calcium-chloride treatment then sent the effluent to the OT raw-water tank, where the Ag level was further reduced to 0.05 ppm.
Rainwater collection and reuse: Rainwater collected from wetland areas was filtered and reused for landscaping. The total volume collected in 2024 was approximately 18,000 m^3.

Shenzhen CSOT

Optimization of the Blowdown Conductivity index of the cooling tower: Blowdown conductivity threshold increased from 1,500 to 1,600 μS/cm, enabling an additional 200 m^3 of reclaimed water per day.
Optimization of reclaimed-water reuse at t1: Concentrate from the RO C line was returned to the SCR tank, and wastewater from CELL-W13 was redirected to the RCW system, cutting tap-water use by 680 m^3 per day.

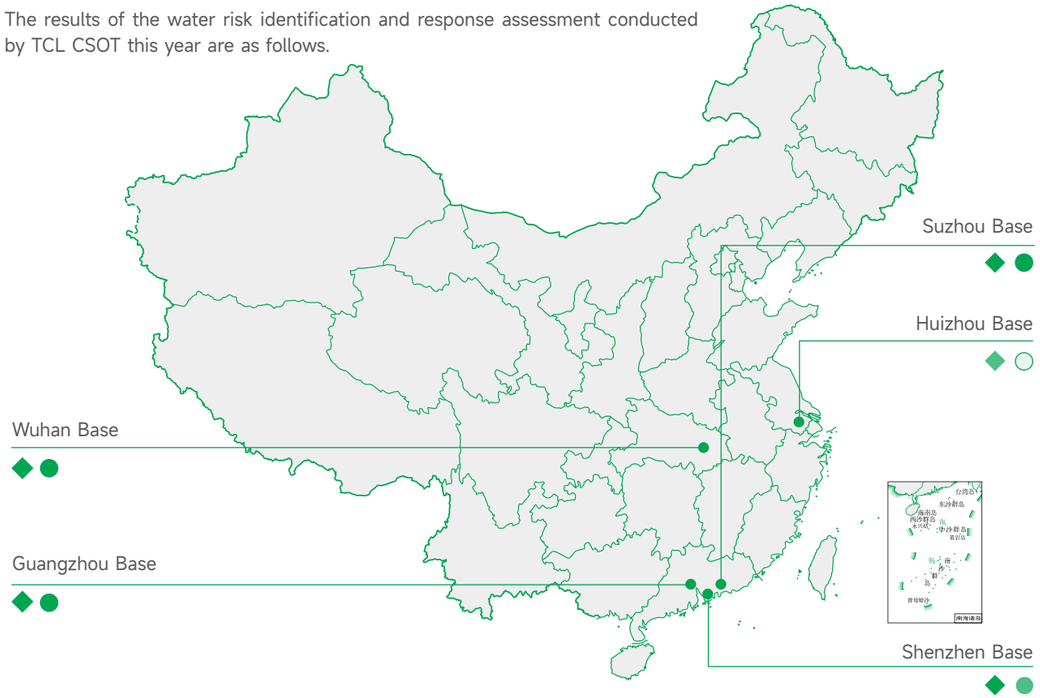
In 2024, Ningxia Huan'Ou, a subsidiary of TCL Zhonghuan, introduced multi-media filtration technology to treat wastewater from die-bonding machines. After reducing turbidity and odor, the treated water was reused in degumming machines, cutting tap water consumption by approximately 358 tonnes per day. By combining reclaimed water with tap water for cooling tower make-up, the facility reused an additional 200 tonnes of wastewater daily. The company also used alternative water sources. Rainwater was purified and reused for landscaping and water feature replenishment on-site, saving around 9,600 tonnes of tap water annually. Ningxia Zhonghuan installed an advanced concentrate recovery system to treat high-concentration wastewater from cooling tower operations. In 2024, the system produced 94,628 tonnes of reclaimed water, achieving a recovery rate of at least 60%.

Ningxia Zhonghuan Concentrate Water Recovery System

Risk Management

TCL CSOT and TCL Zhonghuan have both carried out water risk identification and response efforts. Using the Water Risk Assessment Tool developed by the World Resources Institute (WRI), they assessed water risk levels at their respective facilities. Based on factors such as total water consumption, usage structure, and local risk conditions, each company developed targeted water risk management strategies and implemented specific measures for water withdrawal and consumption control.

The results of the water risk identification and response assessment conducted by TCL CSOT this year are as follows.



Water Stress ●	Water Depletion ◆
Low <10% ● Guangzhou Base ● Wuhan Base ● Huizhou Base	Low <5% ● Shenzhen Base ● Guangzhou Base ● Wuhan Base ● Huizhou Base
Low-Medium 10-20% ● Shenzhen Base	Low-Medium 5-25% ● Suzhou Base
Medium-High 20-40%	Medium-High 25-50%
High 40-80%	High 50-75%
Extremely High >80% ● Suzhou Base	Extremely High >75%

TCL CSOT Water Risk Identification and Assessment Results

This year, TCL Zhonghuan conducted a comprehensive water risk identification and response assessment. The results are as follows:

TCL Zhonghuan Water Risk Identification and Response

Water Risk Response Measures			Extremely High Risk[6] (6 Bases)	High Risk (9 Bases)
Management Measures	Assessment and Monitoring	Regularly assessed water risks, strengthened water use analysis, identified key water usage and conservation points, and established annual water management goals and action plans.	★★	★★
	Emergency Response	Developed and improved emergency response mechanisms to ensure sound and reasonable actions in the event of sudden water-related environmental incidents.	★★	★★
	Awareness and Incentives	Carried out water conservation campaigns and training sessions to raise awareness among employees. Established incentive mechanisms to encourage company-wide participation in water-saving initiatives.	★★	★★
Technical Measures	Diversifying Water Sources	Expanded the use of alternative water sources to reduce dependency on freshwater.	★★★	★★
	Improving Water Efficiency	Enhanced the production efficiency of pure water systems to reduce total water withdrawal.	★★★	★★★
		Optimized process flows to reduce water waste at the point of use.	★★	★★
		Increased reclaimed water volume to improve water utilization rates.	★★★	★★★
	Water Pollution Prevention	Upgraded wastewater treatment processes and enforced strict discharge standards.	★★★	★★
		Raised wastewater reuse rates to minimize total discharge.	★★★	★★

Indicators and Targets

TCL Tech.'s subsidiaries have established water resource management targets and achieved notable water-saving results in 2024:

TCL CSOT	Set a target to reduce average water consumption per unit area across all bases by 15% by 2030 compared to 2023.	Implemented 28 water-saving projects across all bases with a total investment of approximately RMB 3.5 million, achieving total water savings of 2,279,497 tonnes. Average water consumption per base dropped by 8.8% compared to the 2023 baseline. In 2024, total recycled water volume reached 2,468.58 million tonnes, with a recycling rate of 97.6%.
TCL Zhonghuan	Set a target to achieve 70% use of alternative water sources and a 60% water reuse rate by 2030.	In 2024, the volume of alternative water used reached 24.4126 million m^3.
MOKA	/	Planned water consumption was 361.5 m^3 per 10,000 units, while actual consumption was 121.36 m^3 lower, representing a 33.57% reduction.

[6] The rating is categorized based on the level of resource input required—including manpower, materials, and financial investment—for extremely-high- and high-water-risk scenarios. The highest rating is ★★★ .

Pollutant Management

TCL Tech. regards pollutant management as a critical component of environmental protection and is committed to comprehensive control of waste gas, wastewater, and noise through technological innovation and system optimization. This approach ensures that pollutant discharge indicators consistently meet or exceed national standards, reinforcing our commitment to green manufacturing through practical action.

Waste Gas Management

TCL Tech. places great importance on managing and controlling waste gas emissions during production. The Company strictly complies with relevant regulations, including the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China*, the *Integrated Emission Standard of Air Pollutants,* and the *Emission Standard of Pollutants for the Battery Industry*, to minimize environmental impact. TCL CSOT has issued internal management documents such as the Waste Gas Management Policy, and has built treatment systems for various types of emissions, including stripping, alkaline, and organic waste gas, to ensure full compliance with emission standards. Notably, the chemical vapor deposition (CVD) waste gas treatment system achieves an NF_3 removal efficiency of over 99%, keeping fluoride concentrations below regulatory thresholds. In 2024, Guangzhou CSOT launched a solvent condensation and recovery project, reducing VOC emissions by 35%.

In 2024, Wuhan CSOT was recognized by the Wuhan Municipal Government as an "Exemplary Enterprise for Pollution Discharge Permit Management".

Wuhan CSOT Awarded "Exemplary Enterprise for Pollution Discharge Permit Management"

TCL Zhonghuan has established the *Environmental Management Policy* to guide the treatment of various waste gases generated during production, including acidic, alkaline, organic gases, and dust. Corresponding purification systems are installed, and emission concentrations are closely monitored to ensure all pollutants meet discharge standards. In 2024, Zhonghuan Applied Materials, a subsidiary of TCL Zhonghuan, optimized the dispensing trajectory in the sticky-rod process to reduce adhesive consumption per unit. This adjustment saved a total of 950.39 tonnes of adhesive and led to a reduction of 855.35 kg in VOC emissions over the year.

MOKA regularly engages third-party testing agencies to monitor organized and unorganized waste gas emissions, as well as boiler exhaust. According to 2024 monitoring results, all key indicators, including non-methane hydrocarbons, benzene, toluene, xylene, and VOCs, remained below regulatory limits. Emissions of sulfur dioxide, nitrogen oxides, and particulate matter from boiler exhaust also complied with relevant discharge standards.

Wastewater Management

TCL Tech. has established a full-process wastewater management system covering source reduction, in-process control, and end-of-pipe treatment. This approach aims to reduce both the volume of wastewater generated and the concentration of discharged pollutants. The company conducts regular monitoring and compliance checks to ensure that treated effluent meets both national and international environmental standards. Advanced treatment and reuse technologies have also been adopted to improve water resource efficiency.

To prevent water pollution at the source, TCL CSOT has established wastewater treatment stations, where different wastewater streams are collected and treated separately using industry-leading technologies. Online monitoring devices are installed at discharge outlets to track chemical oxygen demand, ammonia nitrogen, and total nitrogen in real time, ensuring 100% compliance with discharge standards. Third-party agencies are also commissioned regularly for water quality testing to verify that treated wastewater meets discharge or pipeline connection requirements. Suzhou CSOT, a subsidiary of TCL CSOT, extended the AC backwash cycle from 36 hours to 48 hours to reduce wastewater generated during backwashing. It also adjusted the MB system regeneration frequency from once every 9.5 wm^3 to once every 13 wm^3, cutting the volume of regeneration wastewater. In 2024, TCL CSOT reported zero penalties related to wastewater violations. That same year, Guangzhou CSOT reduced its wastewater discharge by 470,000 tonnes through the implementation of targeted reduction measures.

In 2024, TCL Zhonghuan expanded its EPI acidic wastewater reuse system, adding 4,000 tonnes of daily treatment capacity with a water recovery rate of over 70%. Once fully operational, the system is expected to reduce external wastewater discharge by approximately 1 million tonnes per year and save an equivalent volume of tap water. Ningxia Huanou, a subsidiary of TCL Zhonghuan, redirected treated water from its wastewater treatment station discharge tank for use as make-up water in the Phase VI crystal production cooling towers. This initiative reduced discharge volumes and achieved 401,500 m^3 of annual water reuse. Ningxia Zhonghuan adopted a PW particle wastewater recovery system, reclaiming a total of 225,225 m^3 of water in 2024.

Water Recovery from PW Particle Wastewater Replacement System at Ningxia Zhonghuan

Noise Management

For noise control and prevention, TCL CSOT and TCL Zhonghuan comply with national regulations and standards. TCL Zhonghuan manages noise emissions from its industrial parks in line with applicable laws, including the *Emission Standard for Industrial Enterprises Noise at Boundary*. Key measures include meeting discharge thresholds, selecting low-noise equipment during procurement, and retiring or replacing high-noise machinery during operations. Noise-control facilities are regularly checked and maintained. In addition, certified third-party agencies are engaged to conduct routine boundary noise assessments to ensure ongoing compliance. MOKA follows the company's *Monitoring, Measurement, Analysis and Evaluation Control Procedure* to carry out annual noise monitoring in accordance with national and local operational standards.

In 2024, we received **0** complaints related to noise

Resource Recycling and Waste Management

Supporting China's "30·60" dual carbon strategy, TCL Tech. launched the *TCL Zero-Waste Group Construction Plan* to explore building a model base for industrial waste management. The goal is to set a benchmark for large enterprise groups and lead the industry in developing a zero-waste circular economy. The proposed initiatives and objectives are as follows:

Promote industrial waste source reduction

- Minimize the increase in industrial-waste generation intensity, trending toward zero
- The percentage of enterprises implementing clean production reach 100%
- The percentage of enterprises undertaking green factory construction reach 100%

Promote resource utilization of industrial waste

- Comprehensive utilization rate for general industrial waste reach 90%
- Comprehensive utilization rate for hazardous waste reach 70%
- Achieve the target of recycling 8 million used household appliances

Enhance safe disposal of industrial waste

- Significant reduction in landfill rates for hazardous and general industrial waste, reaching industry-leading levels
- 100% compliance in the storage and disposal of industrial waste requiring incineration or landfill

Optimize hazardous-waste utilization and disposal capacity

Strengthen supervision capacity for industrial waste

TCL CSOT issued management documents such as the *CSOT Waste Safety Management Regulations;* TCL Zhonghuan implemented the waste-management requirements set out in its *Environmental Management Policy*; and MOKA adopted several waste-related procedures, including the *Waste Management Regulations,* the *Hazardous-Substance Content Control Standard for Product Materials,* and the *Hazardous-Substance Management Procedure.* In 2024, China Display Optoelectronics Technology (CDOT), a subsidiary of TCL CSOT, was selected as a first-batch construction unit for Huizhou's "Zero-Waste Factory" program and was rated "Excellent".

In 2024,

10 TCL Tech. subsidiaries obtained the UL 2799 Zero Waste to Landfill certificate,

7 of which earned Platinum-level recognition.

ENVIRONMENTAL CLAIM VALIDATION SUMMARY

Guangzhou China Star Optoelectronics Semiconductor Display Technology Co., Ltd.

UL 2799 Zero Waste to Landfill Certificate for Guangzhou CSOT

ENVIRONMENTAL CLAIM VALIDATION SUMMARY

Moka Technology (Guangdong) Co., Ltd.

UL 2799 Zero Waste to Landfill Certificate for MOKA

General Waste Management

TCL CSOT strictly complies with national laws and regulations governing waste management and has established dedicated disposal procedures for different waste categories. General waste is sorted and handled by type, with separate treatment measures applied accordingly:

Discarded packaging materials

Maximize recycling. Packaging that cannot be reused is sorted into cardboard, plastics, and EPS, and then transferred to a qualified third-party for unified treatment.

Discarded electronic products and non-recyclable industrial waste

Handed over to a certified third-party recycling company for proper disposal.

Household waste

Stored in sanitation containers rented from the municipal sanitation authority and collected at scheduled times for disposal.

Kitchen waste

Collected, transported, and treated by the cafeteria contractor.

General Waste Disposal Process at TCL CSOT

In 2024, Guangzhou CSOT replaced sludge incineration with co-processing for resource recovery, achieving 100% utilization of sludge and reducing environmental load by approximately 9,000 tonnes per year. Suzhou CSOT extended the replacement cycle for its roller-bath thinner, lowering thinner use per unit by 65% and reducing thinner waste by about 200 tonnes annually. Aligned with green circular economy principles, TCL CSOT also promotes compact, minimal packaging to conserve materials. By improving the design, structure, and density of components such as carton lids (EPS), spacers (EPE), baffles (HDPE/PC/ABS), pallets (WOOD), and boxes (BOX), the company reduces material usage. In 2024, 100 % of MNT products were shipped without cardboard cartons.

TCL Zhonghuan implements the waste-management provisions in its *Environmental Management Policy*. It adheres to the principles of reduction, resource reuse, and safe disposal of industrial waste. By managing the full waste lifecycle, including generation and final treatment, the company aims to minimize waste output, enhance resource recovery, and maintain regulatory compliance.

In 2024, MOKA made solid progress in waste management and resource use through targeted actions. Recyclable general industrial solid waste was collected and reused by partnered recycling firms, enabling efficient resource recovery. Non-recyclable solid waste was sorted into designated bins and transported by licensed haulers for compliant disposal. The company also improved packaging design by reducing carton and back-panel thickness, adjusting rear-cover dimensions, and removing some base supports, cutting material usage, lowering transport costs, and easing overall resource consumption. Over the year, MOKA handled approximately 7.416 million tonnes of recyclable general industrial waste and 509,000 tonnes of non-recyclable waste.

Hazardous-Waste Emergency Drill at MOKA

Hazardous Waste Management

TCL CSOT places great emphasis on the standardized management of hazardous waste. In full compliance with national environmental regulations, the company has issued internal guidelines, including the *Hazardous Waste Handling Standard*, which outlines requirements for classification, collection, storage, transport, and disposal across the entire process. These measures ensure that hazardous waste is handled legally, safely, and efficiently while effectively mitigating environmental risks. In 2024, Guangzhou CSOT achieved a 55.5 % reduction in hazardous waste per unit of production area.

Guangzhou CSOT Achieved Hazardous-Waste Reduction by Promoting a New Low-Concentration Copper-Etching Waste-Recovery Technology

To close-loop recycle and regenerate the copper-etching waste solution for resource recovery, lower disposal costs, and enhance resource reuse, Guangzhou CSOT successfully promoted a new recovery technology for copper-etching waste. The process attains a copper recovery rate of 90%, reclaiming more than 120 tonnes of Cu metal per year and reducing hazardous waste by approximately 1,000 tonnes annually.

Zhonghuan Applied Materials, a subsidiary of TCL Zhonghuan, replaced incineration with reactivation to treat spent activated carbon, enabling reuse and recovery. In 2024, the subsidiary regenerated 35 tonnes of activated carbon, reducing costs, improving efficiency, and reducing environmental impact.

MOKA disposed of 30.3 tonnes of hazardous waste in 2024, including waste rags, empty solvent containers, and oil-contaminated wastewater. All hazardous materials were transferred to certified contractors for compliant handling. To ensure safe waste management, the company also runs regular emergency drills for hazardous waste incidents and conducts fire safety exercises at solid waste storage areas.

MOKA disposed of

30.3

tonnes of hazardous waste in 2024

Resource Circulation and Reuse

TCL CSOT was among the first in the industry to partner with customers on packaging material take-back. In collaboration with TCL Environmental Technology, the company actively promotes the recovery and reuse of key packaging components, including carton lids, spacers, and pallets.

Ningxia Zhonghuan has issued the Regulations on the Management of Production Scrap Materials, defining the scope, categories, responsibilities, and procedures for handling production scrap. The policy clarifies roles, strengthens management, and standardizes disposal to prevent asset loss due to improper disposal. In 2024, Ningxia Zhonghuan recycled 104,395 tonnes of waste silicon edge strips by shredding, washing, and reintegrating them into production. An additional 67.237 tonnes of other recyclable materials were sorted, cleaned, and reused during the year.[7] Zhonghuan Applied Materials signed a foam box recovery agreement with multiple customers, retrieving 294,000 foam boxes in 2024, achieving a 15% recovery rate. Zhonghuan Advanced adopted recyclable HYBOX packaging, made from a PE shell and EPP liner. Compared to traditional cardboard and EPS packaging, HYBOX offers a lighter build, easier sealing, and full recyclability.[8] It also complies with RoHS and REACH standards and improves waste-handling efficiency. In 2024, 84 tonnes of HYBOX packaging were recycled and reused.

Looking ahead, TCL Tech. will continue to strengthen its commitment to green manufacturing and the circular economy. Driven by innovation, the Company aims to build a full life-cycle sustainability model by optimizing production, improving resource efficiency, and enhancing waste management. We will expand clean energy deployment and develop a digital platform for environmental management, while deepening partnerships across the value chain to explore new models of green growth. At the same time, we remain responsive to stakeholder concerns and will keep raising the bar on environmental governance, ensuring that business performance and ecological protection advance together. Through these efforts, TCL Tech. seeks to accelerate the low-carbon transition of the industry and contribute to a more sustainable future in China.

[7] Recyclable materials: including waste plastics, stainless-steel scrap, waste channel steel, waste paperboard, waste quartz, used wooden pallets, waste wood, waste graphite, waste foam, waste EPE pearl-cotton padding, scrap iron, waste aerospace-grade aluminum grinding swarf, plastic guide-wheel scrap, waste PTFE sheets, and waste PVC plastics (including PVC pallets).

[8] EPS: Expanded Polystyrene

Shared Value

As a long-established global enterprise with a global business presence and a commitment to responsibility, TCL Tech. understands that social progress, community well-being, and employee development are deeply connected to our business. We provide a fair and supportive workplace that helps employees realize their potential. At the same time, we contribute to shared prosperity by engaging in rural revitalization, technology-driven philanthropy, and other community initiatives.

Material Issues

- Employee Rights and Interests
- Talent Development
- Compensation and Benefits
- Occupational Health and Safety
- Community Impact and Social Contribution

Named to the Forbes 2024 **World's Best Employers list**

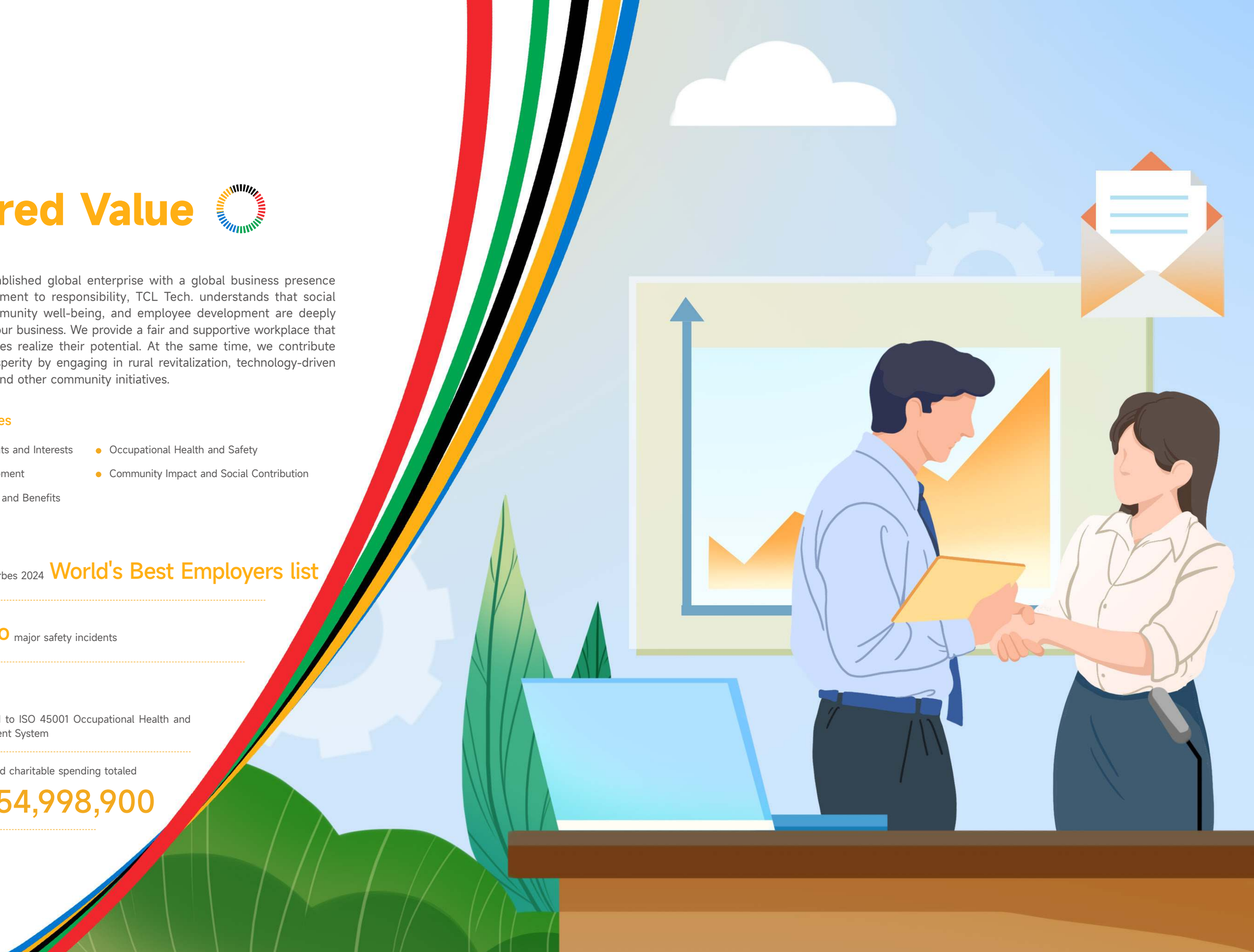
Recorded **zero** major safety incidents

28

factories certified to ISO 45001 Occupational Health and Safety Management System

Public-interest and charitable spending totaled

RMB 54,998,900



Employee Rights and Interests

Employees have always been TCL Tech.'s closest partners in long-term development, and protecting their legal rights is a core responsibility. We ensure fairness and respect in the workplace through transparent hiring practices, strong rights-protection systems, and open channels of communication, helping employees realize personal value in a respectful, equitable workplace.

Extensive Talent Recruitment

TCL Tech. continues to strengthen its recruitment process by expanding diverse hiring channels, and offering a wide range of positions to attract and develop top talent. In 2024, the Company was included on the Forbes 2024 World's Best Employers list.

Fair and Compliant Recruitment

TCL Tech. upholds strict principles of fair employment, protecting the rights and interests of all candidates. TCL CSOT has issued the *CSOT Skilled-Talent Recruitment Management Policy*[9], which prohibits discrimination based on gender, age, race, religion, or disability. All applicants are evaluated against consistent criteria to ensure equal opportunity for qualified, motivated individuals. TCL CSOT is committed to improving gender diversity and has set a target for women to represent 28% of its workforce by 2030.

TCL Tech. strictly prohibits the employment of minors. In full compliance with the *Law of the People's Republic of China on Protection of Minors* and relevant international regulations, the Company does not employ anyone under the age of 16, safeguarding minors' rights and well-being. In 2024, TCL CSOT implemented an IT-based system to verify employee identities and enforce age restrictions, helping to prevent underage employment.

Recruitment Principles

During recruitment, we follow the PERFECT principle—P-Polite, E-Efficient, R-Respectful, F-Friendly, E-Enthusiastic, C-Cheerful, and T-Tactful—to ensure every candidate has a positive interview experience.

Recruitment Plan

In 2024, we carried out year-round social recruitment and organized campus campaigns to attract talent in R&D, intelligent manufacturing, marketing, and other key areas. These efforts helped us meet annual hiring targets while fostering a stronger connection between candidates and TCL Tech.

[9] The *CSOT Skilled-Talent Recruitment Management Policy* is a dedicated internal regulation formulated and implemented exclusively for TCL CSOT and its related operating entities. Its purpose is to standardize TCL CSOT's recruitment process and to improve both the efficiency and the quality of hiring.

TCL Tech. Hosted an Online Presentation for 2025 Campus Recruitment

In 2024, TCL Tech. successfully held an online presentation titled "Gathering Extraordinary Talent to Create Extraordinary Careers—Join TCL to Create the Extraordinary" for the 2025 campus-recruitment intake. The session addressed topics of interest to students—such as the Company's structure and career-development pathways—and drew 72,000 views, with a peak online audience of 14,000. The event both strengthened TCL Tech.'s employer brand and gave candidates a deeper understanding of potential career paths at the Company.

TCL Zhonghuan Launched the "Spark Program" to Attract Vocational-College Talent

Building on an Industry 4.0 talent-development philosophy, TCL Zhonghuan introduced the "Spark Program", an innovative school-enterprise recruitment and training system created in partnership with vocational colleges. The program offers graduating students a smooth transition from campus to workplace.

In 2024, TCL Zhonghuan signed partnerships with more than 15 new additional colleges and hired over 200 vocational-college graduates. By the end of 2024, the company had established collaborations with more than 80 domestic institutions, running over 70 national-level school–enterprise cooperation projects and more than 10 provincial or municipal projects.

Respect and Inclusion

A healthy, dynamic workplace empowers employees to grow and succeed. We offer supportive conditions and actively foster an inclusive culture where everyone is respected and encouraged to reach their full potential.

"TCLforHer" — Ongoing Women-Empowerment Initiative

For many years, TCL Tech. has advanced women's empowerment through its "TCLforHer" program. Beyond supporting female employees internally, we also engage in global initiatives that promote women's development. On International Women's Day 2024, "TCLforHer" released the short film "Echoes of Greatness", underscoring the importance of women telling their own stories. This series of activities reflected our deep understanding of—and respect for—women and effectively broadened their career opportunities.

Promotional Visual for "TCLforHer"

Avoiding Forced Labor

TCL Tech. strictly complies with the *Labor Law of the People's Republic of China* and other local regulations, as well as the relevant conventions of the International Labor Organization (ILO). Our internal policies clearly uphold employee rights and prohibit all forms of forced labor, ensuring that all work is performed voluntarily.

Protecting Workplace Rights and Interests

We are committed to creating an inclusive environment where every employee feels respected and valued. Discrimination of any kind is not tolerated, and factors such as age, gender, nationality, or race have no bearing on hiring, training, promotion, or termination decisions. We also enforce a strict zero-tolerance policy toward workplace sexual harassment.

To protect employee rights, we collect gender distribution data by business unit and role, review past promotion trends, and carry out human rights assessments. Anti-discrimination and anti-harassment training is conducted company-wide. In 2024, TCL CSOT took the initiative to conduct annual human rights reviews across all legal entities and passed multiple audits by customers and third parties, confirming no violations of stakeholder rights. It also delivered targeted training programs, including an ESG course on preventing workplace sexual harassment, reaching the entire workforce and significantly raising awareness and capacity to safeguard individual rights.

Company-wide Training on "Strategies for Addressing Workplace Discrimination and Sexual Harassment"

In 2024, TCL Tech. delivered a course titled "Strategies for Addressing Workplace Discrimination and Sexual Harassment", covering introduction of discrimination and harassment at work; how employees can safeguard their rights; and the Company's monitoring and disciplinary mechanisms. The programme recorded a cumulative 7,589.5 training hours across 29,358 employee attendances, significantly heightening staff awareness of anti-discrimination and anti-harassment practices.

TCL Zhonghuan Delivered Training on "Interpretation of Employment-Related Labor Laws and Regulations"

In July 2024, TCL Zhonghuan held a dedicated session titled "Interpretation of Employment-Related Labor Laws and Regulations".

On-site photo of the "Interpretation of Employment-Related Labor Laws and Regulations" training session

Empowering Women and Minority Groups

Women and other minority groups often face systemic barriers to progress. Recognizing these challenges, TCL Tech. is committed to supporting female employees and persons with disabilities by affirming their value and providing meaningful development opportunities, with the long-term goal of steadily increasing the share of women in senior management.

In 2024, TCL CSOT established a dedicated taskforce to support employees with disabilities. The taskforce provides financial assistance and platform resources to help individuals align personal growth with social contribution. Upholding the "TCLforHer" philosophy, the company has introduced a women's advancement framework where women are "seen, heard, and supported" This includes tiered identity badges, female role model campaigns, and cultural IP projects that highlight and celebrate women's achievements. Comprehensive support for female employees also includes International Women's Day events, access to lactation rooms, health screenings, and wellness workshops, ensuring a safe and supportive environment for their continued growth.

Empowering Women's Growth

TCL CSOT upholds the "TCLforHer" philosophy and has built a comprehensive framework to support women's development. Initiatives such as identity badge systems, female role model campaigns, and original cultural IP projects promote empowerment and ensure equal access to development opportunities.

TCL CSOT also offers dedicated support through initiatives like International Women's Day events, lactation rooms, health screenings, and wellness workshops, helping safeguard women's physical and mental well-being while supporting their professional growth.

Supporting Employment for Persons with Disabilities

TCL CSOT established a dedicated taskforce to promote the employment of persons with disabilities. By offering financial support and job-matching platforms, the company helps these employees pursue personal growth and contribute to society.

Employee Complaints

We have established secure and confidential channels for employees to report workplace sexual harassment, discrimination, or other violations of their rights and interests. Once a report is received, designated personnel are assigned to manage the case, ensuring a thorough investigation and appropriate corrective actions. Confirmed cases of sexual harassment are treated as Level-1 violations and lead to immediate dismissal, with outcomes communicated internally in accordance with company policy. In 2024, TCL CSOT expanded its existing communication mechanisms—including labor unions, employee forums, and dedicated email channels— by launching a whistleblowing hotline for customers focused on protecting employee rights protection. QR-code access points were also introduced both onsite and online to make reporting easier and further safeguard employee interests.

Channels for Complaints	Handling Procedure
TCL Audit and Supervision Department Email: tclsjb@tcl.com (anonymous reporting supported)	
T-Trust App – T Community (*anonymous reporting supported*)	
TCL Trade Union	
Direct Supervisor or Human Resources Department	

Listening to Employees

Open communication and a transparent feedback culture are essential to enhancing the employee experience. We continue to enhance our engagement mechanisms to support constructive, respectful dialogue that fosters strong labor relations and improves overall satisfaction. In 2024, our global employee engagement survey showed that more than 73% of tens of thousands of employees expressed satisfaction with the company's protection of their rights and interests.

Employee Communication Channels

The Company respects employees' freedom of association as stipulated by law, and employees have the right to freely choose to join a union. We continuously expand channels for employee communication, regularly organize employee forums, establish employee suggestion boxes, and provide platforms such as "T Community", "T Headlines", "T Matters", and "T Square" on the T-Xin APP for employee exchanges. Company leaders at all levels and union organizations regularly conduct visits to frontline employees to understand the challenges they face at work and in life, and to provide timely care and support.

Employee Engagement Surveys

Since 2021, we have partnered with third-party firms to conduct annual anonymous engagement surveys on a regular basis. These surveys collect feedback on workplace conditions, management, and employee rights without gathering personal data, ensuring honest and reliable responses. In 2024, TCL CSOT achieved a score of 74 in its engagement survey and 77 in its employee satisfaction survey.

TCL Tech. Implements a Structured Communication Approach for New Employees

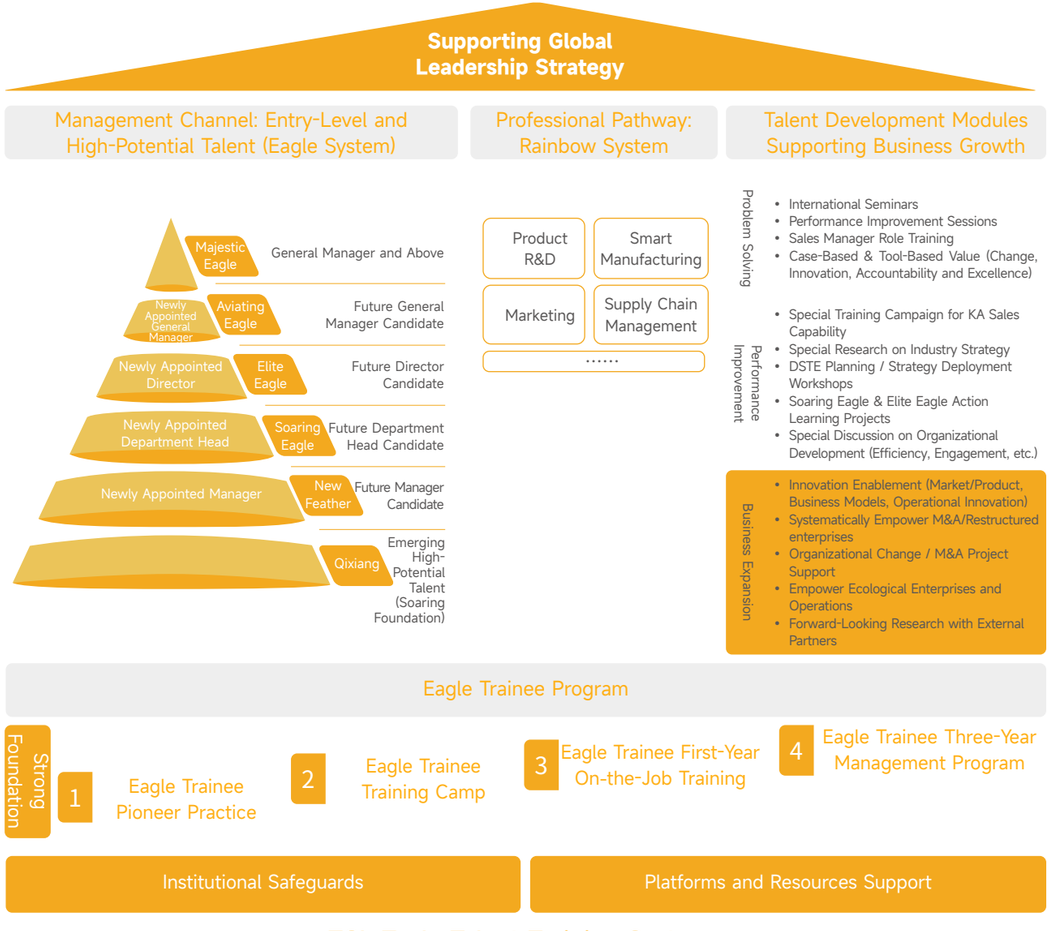
TCL Tech. provides a range of communication and adaptation measures for new employees. Within the first week of onboarding, new hires participate in a probation-period planning session via the OA system and engage with their direct supervisors or department heads to clarify performance objectives. The Company also offers a tailored online curriculum, "TCL Essentials for New Employees", via the T Academy learning platform. During the first three months of employment, direct supervisors or department heads hold regular check-ins to understand the employee's work progress and personal well-being, offering necessary guidance and support to help new hires integrate smoothly into the team.

Talent Development

Attractive development opportunities and competitive compensation are key priorities for employees, and central to our commitment to talent development and well-being. Through a structured compensation and benefits framework and a strong development system, we aim to provide every employee with meaningful support and opportunities to grow.

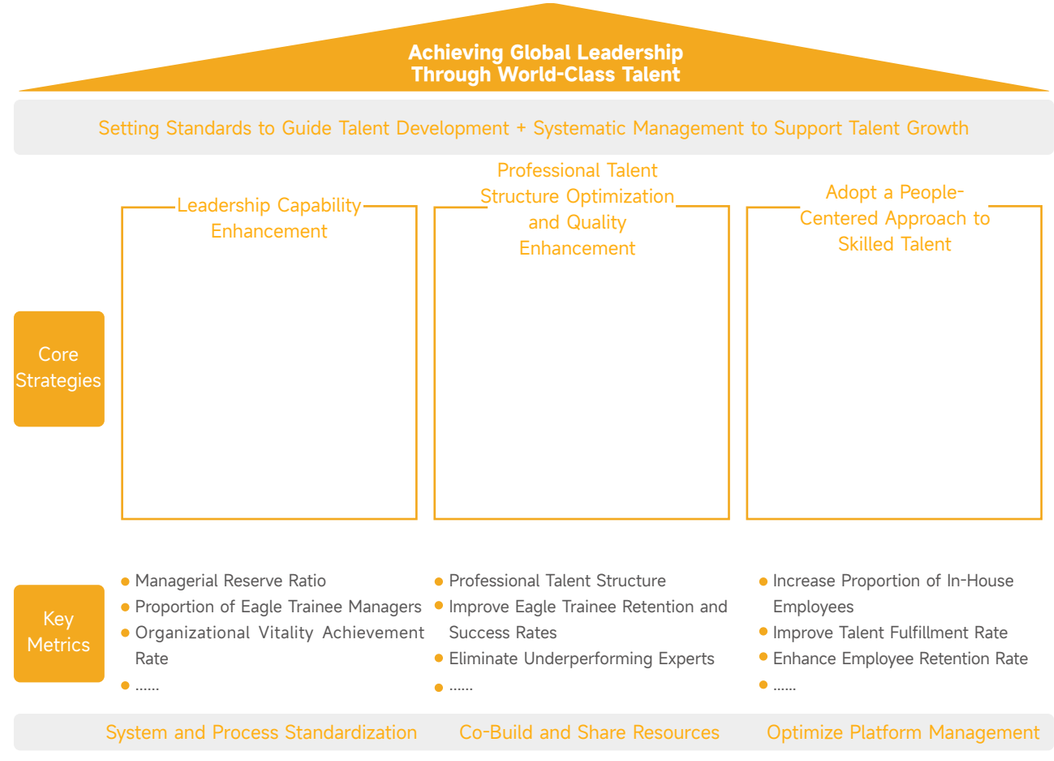
Empowering Employee Growth

We support both professional and managerial development through a dual-track talent system that aligns with the Company's long-term goals. Grounded in the Eagle Trainee Program and supported by targeted leadership and technical training, the system is designed to meet evolving business needs and strengthen global competitiveness. In 2024, we advanced this strategy by refining training content, expanding our instructor network, and enhancing employees' technical and organizational capabilities.



TCL Tech. Talent Training Systems

To foster talent development, TCL CSOT formulated and issued internal policies such as the *CSOT Training Management Guidelines*, focusing on three key areas: strengthening leadership effectiveness, optimizing the structure and quality of professional talent, and promoting a people-centered approach to skilled talent development. Mid- and senior-level managers are encouraged to improve their strategic capabilities through targeted training, team-building activities, and leadership programs aligned with business needs. New and emerging managers receive dedicated grassroots-level training and empowerment programs. Professional development is guided by job roles, the ECP framework, and promotion systems, helping to refine the talent structure, unlock the value of subject-matter experts, and cultivate international talent and core functional leaders—ultimately raising the success rate of Eagle Trainee Program participants. For technical employees, the company continues to strengthen both the structure and training system for skilled personnel, creating an environment where employees are equipped and supported to grow. In 2024, TCL CSOT delivered a total of 594,772 training hours to 42,614 employees across R&D, manufacturing, quality, and other departments, averaging 13.96 hours of training per person annually.



TCL CSOT Talent Development Framework

TCL Tech. Launched "Elite Eagle Phase 16"

TCL Tech. launched the "Elite Eagle Phase 16: Global Supply Chain Specialist Program" targeting high-potential mid-level backbone employees in the supply chain function. The program aimed to cultivate 57 director-level supply chain successors, enhancing their professional capabilities while supporting the strategic transformation and upgrading of the industrial supply chain.

"Elite Eagle Phase 16" Program

TCL CSOT Implemented the "Cornerstone Program"

To enhance frontline supervisors' on-site management capabilities, TCL CSOT launched the "Cornerstone Program" in 2024—an internally developed, structured training initiative for outstanding team leaders. The program integrates online knowledge modules, offline flipped-classroom sessions, and post-class practical exercises, enabling newly appointed, reserve, and in-position frontline supervisors to quickly understand their roles, adopt sound management approaches, and meet job expectations effectively.

TCL CSOT "Cornerstone Program"

We encourage employees to pursue lifelong learning and support them in obtaining academic degrees and professional certifications to advance their personal growth and professional value. In 2024, the Company revised the *TCL Managerial Staff MBA/EMBA Learning Policy*, which provides tuition assistance for direct-report managers who have consistently demonstrated strong performance and potential over the past three years. Following the release of the updated policy in early 2024, several managers and employees have received tuition reimbursement for external degree programs. TCL CSOT actively responded to the Group's initiative by launching the "Dream Support Program," which encourages employees to apply independently for EMBA programs and seek tuition subsidies upon admission. In 2024, four employees were admitted and began their studies. TCL Zhonghuan, following its *Employee Continuing Education Policy*, partnered with eight universities and supported over 150 employees enrolled in part-time programs. An additional 500 employees were newly admitted in 2024, helping to further strengthen workforce academic qualifications and professional capabilities.

TCL CSOT Supported Continuous Growth of Employees Through the "Dream Support Program"

TCL CSOT continued to support employees in improving their skills and academic qualifications through the "Dream Support Program". The program provided financial subsidies through incentive mechanisms and university partnerships, helping to reduce employees' financial burden while encouraging personal growth and career development.

TCL CSOT "Dream Support Program"

Sharing Achievements with Employees

A sound compensation and incentive system is essential for sustaining employee motivation and creativity. We continue to refine our frameworks to ensure employees receive comprehensive support, both professionally and personally.

Compensation and Incentives

In line with our talent philosophy of "tilting the opportunities and resources to the first-class talents", we have established a compensation and incentive framework built on the principles of "assigning roles based on responsibilities," setting pay according to role level, and rewarding based on performance." Strategic talent and key contributors are given priority in both opportunities and resource allocation. Our compensation package includes fixed salaries, benefits, performance bonuses, and long-term incentives. For mid- to senior-level managers and outstanding core personnel, we offer equity incentive plans. To remain competitive, we conduct annual salary market benchmarking and adjust compensation structures to align with industry standards.

Our performance management model combines corporate performance, team performance, and individual performance. Strategic and operational goals are cascaded from the organizational level down to departments and individuals. Through regular performance reviews and open communication, we continuously improve the evaluation process. Results are used to guide incentives, career development, and training decisions—encouraging employees to grow and improve alongside the company.

TCL CSOT's "Expert Management and Incentive Program" Enhanced Expert Contributions

In 2024, TCL CSOT implemented the Expert Management and Incentive Program, establishing a system for expert evaluation, appointment, and recognition to enhance their sense of honor and achievement. By creating dedicated platforms and optimizing mechanisms such as performance management and knowledge sharing, the program effectively boosted expert motivation and strengthened the value of their contributions.

Employee Benefits

We provide employees with a comprehensive benefits package designed to support employee well-being at both work and home. This includes commercial insurance, paid leave, talent apartments and dormitories, housing and transportation subsidies, annual health checkups, holiday and onboarding gifts, wedding and childbirth allowances, company anniversary celebrations, and team-building activities. The Company also supports employees in need through assistance programs.

In addition to statutory benefits such as social insurance and housing fund contributions, TCL CSOT offers a broad range of supplemental benefits, including holiday gifts, commercial insurance, psychological counseling services, and relocation allowances for new graduates, ensuring employees receive comprehensive support throughout their journey at the company.

TCL CSOT Union's Cooling Activity

TCL CSOT Hosted Cantonese-Style Mid-Autumn Garden Fair

In 2024, TCL CSOT hosted the "2024 Cantonese-Style Mid-Autumn Garden Fair", with four events held across garden and dormitory areas. Featuring traditional Cantonese cuisine and cultural experiences, the fair allowed employees to feel the warmth and care of the TCL CSOT family during the Mid-Autumn Festival.

TCL CSOT Cantonese-Style Mid-Autumn Garden Fair

TCL Zhonghuan Hosted the 4th "Meet on the Badminton Court" Badminton Tournament

In late April 2024, TCL Zhonghuan organized the 4th "Meet on the Badminton Court" Badminton Tournament. The competition covered Tianjin, Inner Mongolia, Jiangsu, and Ningxia, drawing enthusiastic participation from employees across regions. The event enriched employees' leisure time, strengthened team cohesion, and showcased their positive and energetic spirit.

The Competition Site in Jiangsu

Occupational Health and Safety

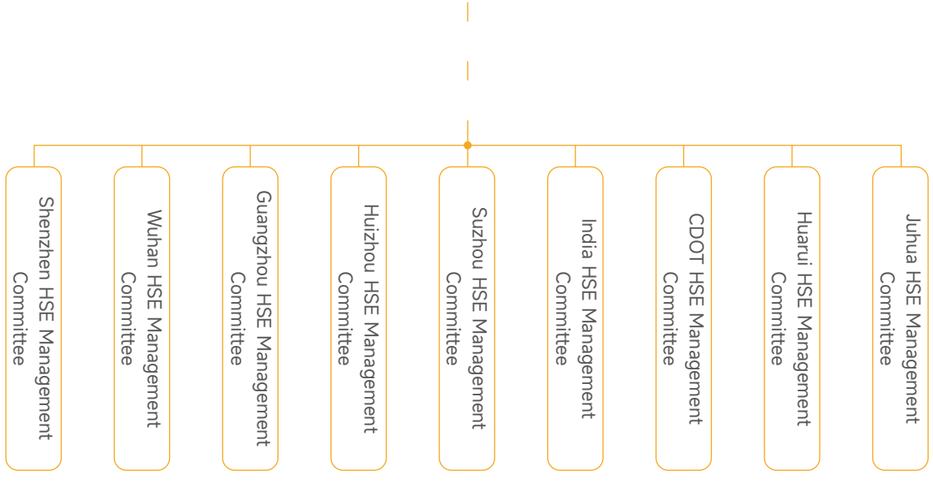
Protecting the health and safety of employees remains one of our highest priorities. Through a strong safety management system, proactive risk control, and regular training, we are committed to providing a safe and healthy work environment. In 2024, TCL Tech. recorded zero major safety incidents.

Systematic Protection of Employee Health and Safety

All manufacturing subsidiaries are continuously improving their internal health and safety systems to fulfill their responsibility for occupational protection. TCL CSOT, for example, has implemented the *CSOT EHS System Management Manual* and actively pursued external certifications for its health and safety management systems. In 2024, TCL CSOT, TCL Zhonghuan, MOKA and TPC collectively obtained 28 certifications, fully ensuring workplace safety and employee well-being.

To further strengthen safety governance, TCL CSOT has established a centralized Safety Committee to oversee health and safety operations across all sites. Each facility also operates a local safety committee, ensuring that safety goals are integrated across planning, supervision, and execution stages.

TCL CSOT Occupational Health and Safety Management Structure



TCL Zhonghuan has linked the achievement of occupational health and safety targets to the performance evaluations of relevant senior management. In 2024, the company issued the *Occupational Health and Safety Policy*[10], further strengthening mechanisms such as accountability and investment in safety operations. MOKA established an Occupational Health Management Committee to oversee safety efforts comprehensively. This committee has integrated occupational health practices into daily operations, building a top-down, multi-level responsibility system that helps ensure a safe and healthy working environment for employees.

[10] *Occupational Health and Safety Policy*: https://www.tzeco.com/esg/policy/

Enhancing Employees' Awareness of Safety Risks

Identifying risks and inspecting potential hazards are key to managing occupational health and safety. By establishing a comprehensive risk management system and conducting regular safety drills and training, we continue to raise employees' awareness and help them work confidently in an environment free from safety threats.

Safety Risk Management

All of our manufacturing subsidiaries follow a people-oriented approach and place great importance on identifying and managing OHS-related risks. Each subsidiary sets clear occupational health and safety targets, carries out risk identification, and conducts hazard inspections to ensure that all types of safety risks are effectively controlled.

TCL CSOT conducts internal audits of hazard identification lists across subsidiaries on a regular basis. In 2024, the company updated these lists and launched a focused campaign to improve how risks are identified and managed, strengthening workplace safety across all operations.

In 2024, TCL Zhonghuan introduced a digital system to grade and monitor safety risks, helping to reduce incident rates.

MOKA conducted systematic Occupational Health and Safety risk assessments and developed targeted response measures to mitigate identified risks.

TCL CSOT Launched "Safe CSOT" Campaign

In 2024, TCL CSOT launched the "Safe CSOT" Campaign aimed at reducing accident rates across its bases through customized safety management solutions. Tailored safety plans were developed to address various risk categories, such as chemicals, special equipment, process equipment, and utility systems, effectively reducing incidents and improving the company's overall safety management level.

Safety Training

We continuously strengthen employees' safety awareness and self-protection capabilities by developing emergency response plans, publishing rescue manuals, and organizing regular safety education, specialized training, and emergency drills, ensuring that employees can work safely and live healthy lives.

In 2024, TCL CSOT delivered a series of online and in-person occupational health and safety training sessions across its five manufacturing sites, covering topics such as workplace hazards and the proper use of protective equipment. Targeted sessions were also provided for employees in high-risk roles, focusing on radiation and toxic substances to strengthen safety practices in specialized environments. TCL Zhonghuan completed its 2024 safety training program using a blended online–offline model, achieving 100% employee participation.

TCL CSOT Provided Occupational Health and Safety Training for Special Positions

For special positions, TCL CSOT invited external experts to deliver five intensive training sessions in 2024, reaching 1,724 employees. In addition, 14 occupational health management professionals completed certification training. Online specialized training covered 8,044 employees, primarily those in health surveillance positions. The flexible and convenient digital method ensured that all relevant employees completed both pre-job and on-the-job training and certification requirements.

TCL CSOT developed customized emergency response plans for each site and conducted drills on an annual, quarterly, and monthly basis, aligned with the specific risks present at each location. TCL Zhonghuan, following its risk assessments and emergency resource surveys, established a three-tier emergency plan system—covering general, specialized, and site-specific scenarios—and implemented its Annual Emergency Drill Plan to ensure full employee participation.

TCL CSOT Wuhan Successfully Conducted Comprehensive Emergency Drill

In 2024, TCL CSOT Wuhan successfully conducted a comprehensive emergency drill simulating a hazardous gas leak that triggered a fire. The exercise tested the effectiveness of the emergency response system, improved employees' safety awareness and emergency response capabilities, and ensured orderly evacuation and rescue actions in emergencies.

TCL Ningxia Zhonghuan Compiled Emergency Rescue Manual

To strengthen the emergency response capabilities of frontline workers and grassroots managers, TCL Ningxia Zhonghuan carefully compiled an Emergency Rescue Manual featuring 15 first-aid procedures. The manual covers a wide range of emergency scenarios, including cardiopulmonary resuscitation (CPR), airway obstruction, heatstroke, stroke, electric shock, burns and scalds, bone fractures, and traumatic injuries. The manuals were printed and placed in medical kits across the factory to facilitate employees' daily learning and practice. This initiative effectively enhanced employees' first-aid proficiency and ability to respond to emergencies.

Community Impact and Social Contribution

TCL Tech. recognizes that its growth is closely tied to the progress of society and the strength of local communities. We are committed to driving social development through technology while supporting education, culture, and economic empowerment at the community level. In 2024, the TCL Charity Foundation actively advanced its social responsibility work, focusing on rural revitalization and public welfare efforts in science and technology, education, culture, and sports. Key initiatives included the expansion of campus photovoltaic (PV) projects, the development of smart classrooms, and support for early childhood education in rural areas. Total charitable contributions reached RMB 54.9989 million in 2024.

2024 Annual Revenue and Expenditure of the TCL Charity Foundation

In June 2024, Chairman Li Dongsheng of TCL Tech. released a message titled "Encouraging All TCLers to Participate in Social Welfare Initiatives", calling for a collective commitment to social responsibility. In response, employees actively joined public welfare efforts and donation campaigns organized by the TCL Charity Foundation, transforming individual acts of kindness into a strong, united force for good, where small contributions combined to create meaningful, lasting impact.

TCL Charity Foundation Launched the "Love Donation" Campaign

In 2024, the TCL Charity Foundation launched the "Love Donation" campaign, engaging 1,899 employees and raising a total of RMB 13.58 million in donations. To encourage participation, employees could redeem charity-themed gifts through the "Love Donation" mini-app. This not only fueled employee enthusiasm but also brought tangible contributions to public welfare.

"Love Donation" Points Redemption Store

TCL Rose Action · Employee Public Welfare Innovation Contest Successfully Held

In June 2024, the TCL Charity Foundation, together with the TCL Party and Mass Office, Trade Union Committee, Organization Department, and Brand Management Center, co-hosted the Third "TCL Rose Action · Employee Public Welfare Innovation Contest". The contest received 60 proposals from employees across 12 business units under TCL. After evaluation, 23 innovative and socially beneficial projects were selected for implementation, covering areas such as green initiatives, youth services, community development, and special-needs children care. The selected projects were rolled out across nine cities in China, delivering 110 charitable activities and serving over 130,000 individuals, strengthening community bonds and making a positive contribution to social harmony.

TCL Rose Action · Employee Public Welfare Innovation Contest

Rural Revitalization

To support rural revitalization and strengthen local economies, the TCL Charity Foundation advanced several initiatives in 2024, including the development of rural photovoltaic (PV) projects and early childhood education programs. These efforts contributed to the growth of rural communities, promoted social cohesion, and encouraged green development, advancing broader goals of sustainable social progress.

TCL Charity Foundation Facilitates Photovoltaic Development in Checun Village, Taimai Town

In response to the national rural revitalization strategy, the TCL Charity Foundation launched a photovoltaic power generation project in Checun Village, Taimai Town in 2024. It also donated RMB 950,000 to Taimai Town for the construction of an integrated "solar-storage-charging" smart charging station. The project adopted TCL photovoltaic modules and harnessed solar energy to power the station's clean-energy facilities, including four 60kW DC charging piles, two 7kW AC charging piles, and a 250kW photovoltaic substation. The initiative significantly improved energy efficiency in Taimai Town and injected new momentum into the local economy, promoting the adoption of green energy and supporting the sustainable development of the rural economy.

TCL Charity Foundation Supported the "Sunshine Early Start" Program

To provide more rural infants with access to early childhood care services, the TCL Charity Foundation donated RMB 2 million in 2024 to support the "Sunshine Early Start" program initiated by the China Development Research Foundation. The program aimed to help improve the development levels of children in rural areas to match the national average. It included comprehensive household surveys and awareness campaigns, training sessions for supervisors and early childhood caregivers, and skills competitions for caregiving personnel, contributing to the enhancement of early childhood development and education in rural places.

Sci-tech-Based Public Welfare

In 2024, the TCL Charity Foundation continued to advance key public welfare programs such as the TCL Photovoltaic Low-Carbon Campus, TCL Smart Classroom, and the A.I. Back Home project, demonstrating how technology can be a force for social good.

TCL Photovoltaic Low-Carbon Campus

Through the Photovoltaic Low-Carbon Campus project, the TCL Charity Foundation has transformed technological innovation into a form of green public welfare, delivering sustainable energy solutions to schools while fostering a culture of innovation among youth. As of December 2024, the project had been launched in Inner Mongolia, Guangdong, Shaanxi, and Ningxia, covering a total of 27 low-carbon schools with a combined installed photovoltaic capacity of 1,614.65 kW. Over its full life cycle, the system is expected to generate approximately 50.77 million kWh of clean electricity, save around 16,413 tonnes of standard coal, and reduce carbon dioxide emissions by 40,783 tonnes—the environmental equivalent of planting 2.24 million trees.

TCL Charity Foundation Launched the "TCL Hope Project Photovoltaic Low-Carbon Campus Initiative"

On April 24, 2024, the TCL Charity Foundation and the China Youth Development Foundation held a signing ceremony in Beijing for the "TCL Hope Project Photovoltaic Low-Carbon Campus Initiative". The program aimed to expand the reach of photovoltaic-powered education support and further promote the "New Era Hope Project" initiative, contributing to the public welfare cause of the "Hope Project". The event was attended by Guo Meijian, Party Secretary and Chairman of the China Youth Development Foundation, and Wei Xue, Vice President of TCL Tech. and Chairman of the TCL Charity Foundation, who jointly supported the advancement of sustainable education.

TCL Smart Classroom

To help bridge the urban-rural education gap, the TCL Charity Foundation continued to expand its Smart Classroom initiative, promoting equal access to quality learning resources and creating new opportunities for students in underserved areas.

By 2024, the initiative had been successfully implemented in several schools, including Haide School and Chiwan School in Nanshan District, Shenzhen; Longsheng Experimental Middle School and No. 18 Primary School in Guilin, Guangxi; and Yuanshan Town Primary School in Lianping County, Heyuan, Guangdong. These classrooms are equipped with TCL smart blackboards, educational tablets, eye-friendly lighting, and other advanced teaching tools. Through the creation of a "1+N" smart classroom network, the project enabled resource sharing across schools and significantly enhanced teaching quality and classroom interactivity. To date, the program has benefited nearly 7,000 students, and has been effective in improving the quality of education and the interactivity of teaching and learning.

"TCL Smart Classroom" Enabled Interdisciplinary Integrated Lessons

In December 2024, the TCL Charity Foundation launched interdisciplinary integrated lessons under the TCL Smart Classroom project across four schools: Haide School (part of the Nanshan Second Foreign Language School Group in Shenzhen, Guangdong), Chiwan School, Yuanshan Town Primary School in Lianping County of Heyuan City, and No. 18 Primary School. The lesson, "An Introduction to Peking Opera" integrated sixth-grade Chinese language and music subjects. Haide School served as the lead teaching site, while the other three schools participated remotely using TCL's recording and interactive teaching systems. Students from all four schools explored the artistry of "horsewhip" and the elegance of traditional stage movements like "Liangxiang (striking a pose)" in Peking Opera.

A.I. Back Home

The TCL Charity Foundation leverages technology to provide emotional and educational support for children who lack parental companionship. As part of this mission, the A.I. Back Home initiative introduced the "Eagle Story Robot," a device that uses AI to simulate a parent's voice to tell bedtime stories, helping strengthen emotional bonds and enhance children's sense of well-being.

As of 2024, the initiative had been piloted in 88 rural schools across 21 provinces in China, distributing 393 Eagle Story Robots to left-behind children in regions such as Gansu, Shaanxi, Shanxi, Anhui, and Guangdong, benefiting more than 27,000 children. The Foundation also launched the Eagle Listen WeChat mini-program and partnered with China Social Sciences Press to provide nearly 30 storybooks for the robots. In 2024, the project further expanded its reach by donating 100 story boxes to a seventh group of 20 rural pilot schools under the Eagle Story Collection initiative, amplifying both its educational value and social impact.

Education-Focused Public Welfare

The TCL Charity Foundation continues to support the development of basic education and the cultivation of innovative talent. With a focus on equity, innovation, and empowerment, the Foundation launched the TCL University Endowment System to improve education quality and promote diverse pathways for talent development.

TCL Charity Foundation Established the "TCL University Endowment System"

The "TCL University Endowment System" is a funding initiative aimed at supporting university students, young scholars, and research projects. It consists of three components: the Huameng Scholarship, the TCL Young Scholars Program, and the TCL Technology Innovation Fund. Since its inception in 2022, the system has been implemented in eight universities.

By the end of 2024, the initiative had supported 42 TCL Technology Innovation Fund projects, 38 young scholars, and 486 Huameng Scholarship recipients, fostering a new generation of young talent with innovation and practical capabilities.

"TCL Sci-tech Innovation Fund" Supported Research on Liquid Crystal Elastomers

The "TCL Sci-tech Innovation Fund" supported Professor Jin Binjie from the South China University of Technology, who specializes in polymer-based actuators for soft robotics. His project focuses on the dielectric actuation behavior of liquid crystal elastomers. Inspired by LEGO bricks, the project applies interface bond exchange reactions to enable modular assembly of dielectric actuators, which can be flexibly configured into specific shapes and motion patterns. This "building-block" approach offers a new pathway to simplify the manufacturing process of soft robotics and unlock new possibilities for liquid crystal elastomer applications.

Jin Binjie

"TCL Young Scholar" – Duan Shaoxiang from Nankai University

The TCL Young Scholars Program supported Professor Duan Shaoxiang from Nankai University, who has long focused on optical fiber sensing technology aligned with China's maritime strategy. His research includes online monitoring of microplastics in marine environments, long-distance geological observation, and island surveillance, yielding significant technological breakthroughs in national maritime security. He also emphasizes education-research integration and leads student innovation teams that have won multiple provincial and ministerial awards.

Duan Shaoxiang (first from left)

Cultural & Sports Public Welfare

The TCL Charity Foundation is actively engaged in advancing public welfare through a range of cultural and sports initiatives, enriching the cultural and spiritual lives of communities through diverse activities.

TCLArt Charity Music Season

In 2024, the TCL Charity Foundation launched the "TCLArt Charity Music Season" and introduced the "Emerging Musicians Support Program" to provide a platform for young musicians and promote artistic exchange. Throughout the year, the initiative collaborated with the Education Foundation of the Central Conservatory of Music, the Meisha Dream Pursuit Choir, MuseStage Orchestra, the Meisha Academy Linglai Choir, and many emerging young musicians to present four themed concerts, drawing over 800 live audience members. These events not only offered a stage for young musicians to showcase their talents, but also promoted the broader dissemination and appreciation of musical culture.

Looking back, TCL Tech. has worked to create a workplace where employees can realize their full potential while actively fulfilling its broader social responsibilities. We believe that a company's true value lies not only in its economic performance, but also in the positive contributions it makes to society and culture. Looking ahead, with a stronger sense of purpose and responsibility, we will continue to work alongside our employees and communities to help create a future that is more inclusive, meaningful, and sustainable.

Innovation for Progress

In the rapidly evolving tide of global business, sci-tech research and innovation are what guide us forward. At TCL Tech., we are committed to building a strong R&D system and delivering high-quality products. This is both a strategic choice and a reflection of our commitment to adapt, evolve, and shape the future. Innovation is how we pursue a smarter, better, and more sustainable way of life.

Major issues

- R&D and Technological Innovation
- Opportunities in Clean Technologies

Annual Performance

TCL Tech. initiated a total of **130** innovation research projects throughout the year

TCL Tech. participated in **93** industry exchange activities

TCL Tech. filed **433** new PCT patent applications and **2,582** invention patent applications

R&D and Technological Innovation

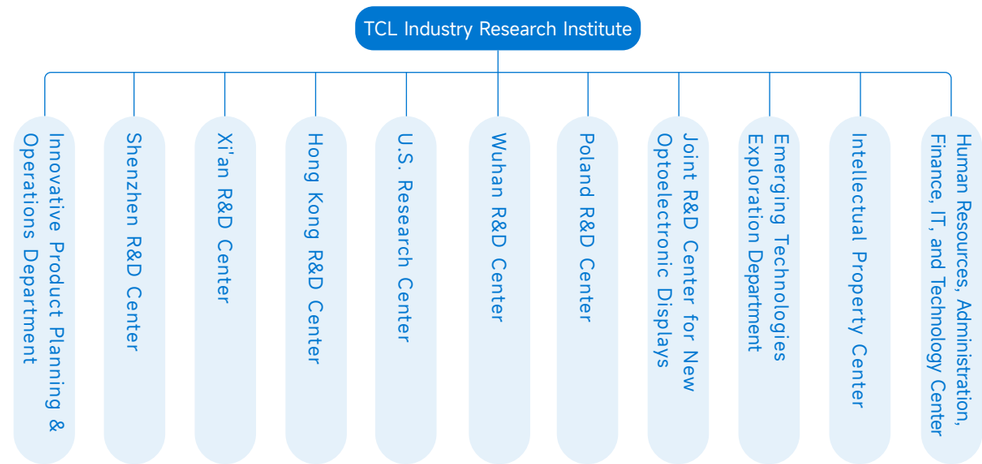
We believe the value of sci-tech lies in its ability to warm people's hearts and improve everyday life, and that innovation opens the door to new possibilities. At TCL Tech., we focus on managing the full R&D lifecycle to ensure advanced technologies are translated into real-world applications. Our robust R&D framework enables us to meet stakeholder expectations for continuous technological progress.

R&D Innovation System

R&D is a core driver of the Company's competitiveness and has become a focal point for stakeholders such as customers, consumers, and industry associations. We are strengthening our innovation processes and governance systems, increasing investment in research, and actively participating in the development of industry standards. We also maintain strict intellectual property management practices to protect our innovations and minimize risk. These efforts help speed up the deployment of new technologies and directly address stakeholder priorities.

TCL Tech. strictly complies with relevant laws and regulations, such as the *Patent Law of the People's Republic of China and the Enterprise Intellectual Property Compliance Management System*. Our structured R&D management framework supports the accelerated rollout of sustainable technologies, guiding product development toward greater intelligence and efficiency.

The TCL Industry Research Institute plays a key role in driving innovation across the group. With a focus on AI and advanced display technologies, we have built global R&D hubs in the United States, Europe, Hong Kong, and other regions, creating an international network of talent and resources that strengthens our innovation engine.

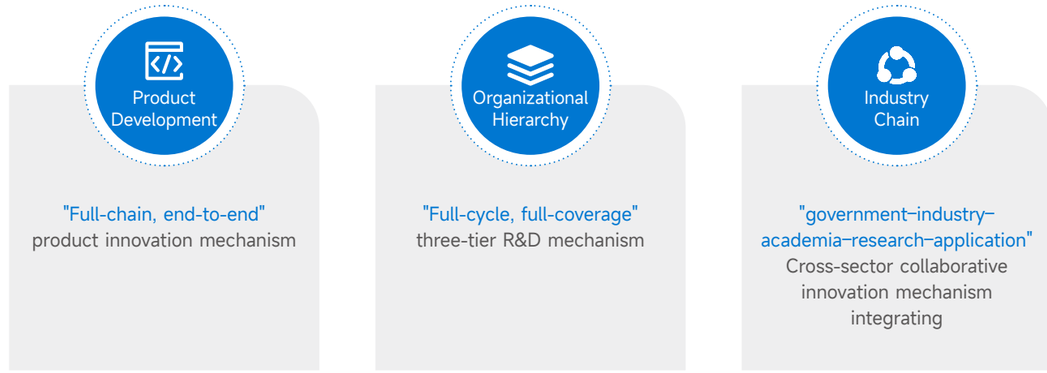


Organizational Structure of the TCL Industry Research Institute

To foster a culture of innovation, TCL Tech. has consecutively held 11 Technology Innovation Conferences, recognizing over 80 high-impact projects at each event. Top projects have received awards of up to RMB 1 million. Meanwhile, we also organize employees to participate in major domestic and international innovation exhibitions, such as CES[11], IFA[12], SID[13], and AWE[14], to broaden their perspectives, stimulate creative thinking, and enhance peer-to-peer learning in research and innovation.

"One Generation in Mass Production, One in Development, and One in Pre-research" is the innovation philosophy that keeps TCL CSOT at the forefront of the industry. Through a three-tier innovation model, it has built a customer-driven R&D system that balances standardization with adaptability, ensuring innovation remains continuous and responsive.

TCL CSOT R&D Innovation Framework



[11] International Consumer Electronics Show
[12] Internationale Funkausstellung Berlin
[13] The Society for Information Display
[14] Appliance&electronics World Expo

Through its structured three-tier mechanism, TCL CSOT maintains a demand-driven R&D process that balances standardization with flexibility. Powered by platforms such as X-Intelligence 2.0 and AI + Simulation, the company has significantly boosted efficiency, generating over RMB 200 million in economic value.

Innovation often begins with a spark and is fueled by youthful minds. TCL CSOT actively engages with university students to explore fresh ideas. In 2024, the company expanded its collaboration network to include institutions such as the Peking University Shenzhen Graduate School and Southeast University, aiming to turn students' sustainability ambitions into real-world solutions. That same year, in collaboration with the China National Institute of Standardization and the National Engineering Research Center for Ophthalmic Optics, the company co-published the 2024 White Paper on Vision Health Technology, helping translate research into practical application. TCL CSOT also contributed to the development of 31 standards in 2024, including 16 at the national level, strengthening its role in shaping industry-wide innovation.

Curiosity and exploration are key drivers of enterprise progress. TCL CSOT has long encouraged innovation through internal competitions such as the Gold-digging Program, encouraging employees to develop and share new ideas. The company also collaborates closely with key customers through joint R&D labs, working together to solve industry challenges and drive technological breakthroughs.

TCL CSOT Innovation R&D Competition

TCL CSOT has fostered a Group-wide innovation ecosystem that is vibrant, collaborative, and continuously evolving, where creative ideas spark breakthroughs and teamwork propels technological progress.

TCL Zhonghuan drives its innovation strategy through four pillars: intensive, integrated, collaborative, and synergistic innovation. At the center of this approach is the Zhonghuan Research Institute, which oversees R&D activities while coordinating with partners across the value chain. The institute leads joint projects between industry, academia, and research institutions, advancing technologies such as semiconductor materials and large-format ultra-thin silicon wafers, and reinforcing the company's innovation edge.

MOKA drives scientific and technological innovation by leveraging seven specialized laboratories—including Wi-Fi shielding rooms, fully anechoic chambers, and automated testing rooms—and 279 sets of professional instruments, such as color analyzers and EMI test receivers. TPC places its Technology Center at the core of R&D operations. Under this center, three execution teams—Process, Engineering, and NPI and R&D—focus on driving improvements in product quality, cost reduction and efficiency improvement, and project execution.

Selected R&D Equipment at MOKA

Intellectual Property Management

Intellectual property is a key indicator of innovation capacity and a driver of long-term growth. For TCL Tech., it also reflects the strength of its R&D efforts as recognized by suppliers, consumers, and other stakeholders. In addition to complying with domestic and international IP laws and regulations, TCL Tech. has introduced the *TCL Group Patent Incentive Measures*, to strengthen internal IP protections. This approach helps reduce legal risk while maximizing the commercial value of innovation. In 2024, TCL Tech. was granted 2,926 new patents and launched 130 new innovation research projects.

TCL CSOT has implemented a comprehensive IP management framework through the *CSOT Intellectual Property Risk Management Policy*. The company has established a "multi-dimensional IP protection system" centering on "full-lifecycle patent protection and application" to ensure robust coverage across its IP.

Proposal & Search

- Engineers submit applications via the patent management system; after a comprehensive evaluation, the proposals enter the search phase.
- The R&D department's proposals are consolidated and sent to external patent agencies for renewed searches.

Refinement & Strategy

- Patent engineers revise and improve proposals that were not approved.
- The Head of Intellectual Property determines the patent layout and prioritizes proposals based on their importance.

Drafting & Filing

- Patent drafts are written and reviewed.
- Finalized patent applications are submitted to the China National Intellectual Property Administration (CNIPA).

Management & Maintenance

- Patent certificates are systematically managed.
- Low-value patents are assessed to determine whether to maintain or abandon them.

Closure & Settlement

- Settlements are made with patent agencies.
- Patent agencies are evaluated based on performance.

TCL CSOT Patent Lifecycle Management Workflow

Preventing IP infringement is a strategic imperative for safeguarding core technologies and brand value. Only by building a solid IP defense can we ensure that the benefits derived from innovation are not stolen and the Company's competitive edge is not weakened. TCL Tech. has implemented the following IP management measures:

IP Management Measures

- **TCL CSOT**: Issued standardized procedures for IP risk response.
- **TCL Zhonghuan**: Refined its *Intellectual Property Management Policy*, improving overseas patent review procedures, patent incentive schemes, and risk control protocols.
  Initiated the drafting of the *Patent Mining Technical Guide*.
  Launched a patent management system based on Patsnap.
- **MOKA**: Signed IP indemnity agreements with upstream suppliers and solution providers.
- **TPC**: Built a three-tier IP management framework.
  Regularly tracks IP performance via meetings.

Response and Preparation

- Receive relevant warning documents
- Review legal documents
- Form a dedicated task force

Analysis and Strategy

- Collect and analyze information
- Evaluate patent invalidity and infringement risks
- Prepare response materials

Decision and Action

- Develop response strategies
- Execute strategies
- Monitor implementation effectiveness

Evaluation and Adjustment

- Conduct regular evaluations
- Response effectiveness

Patent Risk Response Process of TCL CSOT

R&D and Innovation Achievements

Every trend-setting smart product starts with a deep understanding of everyday life. TCL Tech. leverages advanced R&D to power product innovation and lead industry trends, bringing consumers cutting-edge technology experiences. By launching a range of leading products, we continue to refine our offerings to meet evolving user needs while also signaling strong, consistent demand to our suppliers, reinforcing their confidence in the partnership.

As artificial intelligence continues to evolve, particularly with the rapid growth of large language models—integrating these capabilities into voice systems has become a clear direction. The TCL Industrial Research Institute has upgraded its voice assistant by tapping into the comprehension and generative abilities of open-source foundation models, enabling smarter and more responsive product applications.

Information Integration Technology

- Integrates open-ended responses and user instructions.

Enhanced Semantic Understanding

- Improves the system's ability to comprehend user expressions.

Central Control Architecture and Large Model Technology

- Enables model training and task orchestration.

Key Technological Innovations of the Central Control System for TCL Tech.'s "Little T" Voice Assistant Based on Large Models

In 2024, TCL Tech.'s central control system for the "Little T" voice assistant, built on a large-model architecture, was deployed across multiple TCL device models, generating economic benefits of over RMB 40 million. The following achievements highlight our R&D and patent-related progress during the year:

Patent Innovation Leadership Award
Administrative Committee of Huizhou Zhongkai High-Tech Industrial Development Zone

Top 20 High-Tech Enterprises
Huizhou Science and Technology Bureau

In the LCD panel industry, automation of repair workstations has long been constrained by the complexity of circuit patterns and repair processes. TCL CSOT identified this challenge and initiated a focused R&D effort. A cross-functional team, comprising production bases, the Industrial Research Institute, and the Industrial Research Academy, successfully broke through key technical barriers, achieving an 85% manpower replacement rate.

As a result of this innovation, TCL CSOT published two academic papers and filed five patent applications, significantly strengthening its overall R&D capabilities and demonstrating its leadership in the intelligent transformation of the industry. In 2024 alone, the solution helped streamline operations by replacing 107 manual positions, generating economic gains of RMB 10.7 million. Cumulative benefits are projected to exceed RMB 45 million over the next two years.

In 2024

Generating economic gains of RMB **10,7** million

Umulative benefits are projected to exceed RMB **45** million over the next two years

Application Cases of Technological Innovation

TCL CSOT Launched PPD & Brightness Distant Vision Screen

TCL CSOT developed a PPD[15]and distant-vision screen capable of ultra-long-distance projection (over 5 meters) and ultra-large screen sizes (exceeding 150 inches). Integrating high resolution (4K) and high brightness (not less than 1,000 nits), the product delivers exceptional clarity and stunning immersive visual experiences.

TCL CSOT Launched Spliced Dual Curved Display

TCL CSOT's spliced dual curved display adopts a 1 mm ultra-narrow bezel splicing technology to achieve a nearly seamless and integrated visual effect. The ultra-wide curved design significantly expands the viewing angle, while a 110% ultra-wide color gamut enhances color vividness. Users benefit from consistent visual clarity across viewing positions, improving convenience and comfort.

[15] PPD (Pixels per Degree) refers to angular resolution, defined as the number of pixels within each one-degree segment of the field of view (FOV).

TCL CSOT Launched Ultra-High Pixel Density VR Product

TCL CSOT introduced a VR product featuring 1,700 PPI[16] ultra-high pixel density combined with LTPO COA innovative technology. By integrating LTPO[17] backplane driving technology with high-density pixel performance and COA[18] technology, the device successfully eliminates the "screen-door effect" seen in traditional VR headsets, enhancing realism and user immersion.

MOKA's Breakthrough in minimalist Full-Screen TV

MOKA adopted an LOP +[19] large chip scheme to replace the traditional DOPP + small chip structure. The new hardware solution consolidates seven functions into one module, simplifying the structure and enabling ultra-slim backplates and compact back covers. This design eliminates the need for base connectors and uses plastic-based materials to enhance product competitiveness and diversify consumer choices.

TCL Zhonghuan has maintained a strong focus on monocrystalline silicon R&D and manufacturing, delivering advanced technologies and production methods that support the global shift toward high-quality green energy. In 2024, building on its G12 technology platform and continuous process improvements, the company achieved 24-micron diamond wire cutting, launched mass production of T110 and T100 half-cut wafers, and developed ultra-thin 80-micron wafers. These advancements help lower the cost of N-type photovoltaic technologies and speed up their adoption across the industry.

[16] PPI (Pixels Per Inch) is a unit used to express image resolution, indicating the number of pixels contained within one inch. A higher PPI value means a higher pixel density, allowing the display to present images with finer detail and greater realism.

[17] LTPO stands for Low Temperature Polycrystalline Oxide, a display technology combining the advantages of LTPS and oxide TFTs.

[18] Color Filter on Array (COA) is an integration technology used in LCD manufacturing, where the color filter is directly formed on the completed array substrate by applying color photoresist. This technique improves aperture ratio compared to traditional standalone color filters.

[19] LOP (Light Output Power) refers to the optical power output that an optoelectronic component can deliver under a given current.

A Number of TCL Zhonghuan–CUMT Joint Technological Achievements

In partnership with China University of Mining and Technology (CUMT), TCL Zhonghuan undertook a national key R&D project focusing on organic wastewater treatment during solar wafer slicing. The project developed a multi-field synergistic treatment method based on interface regulation technology, integrated mineral composite material treatment solutions, and optimized process conditions to address complex organic pollutants. This breakthrough aims to overcome key technical challenges in the solar and renewable energy sectors.

With a number of R&D achievements, TCL Zhonghuan led or participated in the development of one national standard, two group standards, and several industry reports in 2024, contributing to the advancement of industry associations and organizations.

TCL Zhonghuan's Participation in Industry Associations and Standards Development in 2024

China Photovoltaic Industry Association (CPIA)	Jointly compiled and released the *2023–2024 China Photovoltaic Industry* Annual Report and the *2023–2024 China Photovoltaic Industry Development Roadmap*.
Subcommittee on Materials, National Technical Committee for Standardization of Semiconductor Equipment and Materials	Led the revision of the national standard, *Monocrystalline Silicon and Silicon Wafers for Solar Cells*.
China Electronic Energy-Saving Technology Association	Participated in the formulation of the group standard, *Technical Specifications for High-Purity Polysilicon for Photovoltaic Electronic Materials.*
Subcommittee on Materials, National Technical Committee for Standardization of Semiconductor Equipment and Materials	Participated in the development of the group standard, *Half-Cut Monocrystalline Silicon Wafers for Photovoltaic Use*.
SEMI Standards PV and PV Materials China Joint Technical Committee Chapter	Served as the group leader of the Silicon Wafer Working.
Joint Alliance of SEMI SCC (Semiconductor Climate Consortium) and ECOPV (PV Committee of China Green Supply Chain Alliance)	Core founding members.

TCL Zhonghuan's Awards in Product R&D in 2024

First Prize, Tianjin Science and Technology Progress Award
Key Technology Research and Application in the Manufacturing of 12-Inch Solar Wafers

Second Prize, Tianjin Science and Technology Progress Award
R&D and Industrialization of Key Equipment for Bonding Large Monocrystalline Silicon Rods

Recognition Award, the 8th China Grand Award for Industry

Sustainable Products

Developing sustainable products reflects a company's responsibility to both the environment and consumer well-being. At TCL Tech., sustainability is embedded throughout the product R&D process, with a focus on delivering positive impact for users. Through sustainable design, we aim to contribute to broader social and environmental progress.

TCL CSOT prioritizes sustainability in display products. In response to increasing screen time among consumers, we consider visual health a key factor in product design, aiming to deliver high-quality, sustainable solutions.

TCL CSOT Released the World's First High Color Gamut DC Eye-Safe Mini LED

TCL CSOT launched the world's first in-vehicle COB Mini-LED featuring DC dimming technology, which helps reduce eye strain and protects driver vision. With a high NTSC[20] color gamut of 115%, the display offers an exceptional visual experience. Local dimming and high-zone segmentation enable superior contrast and color accuracy, transforming vehicle displays into immersive visual platforms that enhance the driving experience.

TCL CSOT Introduced the World's First Mass-Produced 3.2K 144Hz Gaming Tablet Laptop

TCL CSOT released the world's first 3200×2136 resolution tablet laptop, achieving significant breakthroughs in image quality and eye comfort. The device supports ultra-low blue light imaging, 345 PPI, and a wide refresh rate range from 30 to 144Hz—balancing high refresh performance with energy efficiency and greatly enhancing eye comfort for users.

[20] NTSC (National Television System Committee) is the body responsible for developing the United States' standard protocol for television broadcast transmission and reception.

TCL CSOT Launched the World's First 2.8K 240Hz Eye Care NB

This high-refresh-rate, eye-care NB features a resolution of 2880×1800, delivering clear, detailed visuals while mitigating eye fatigue caused by prolonged screen exposure. The 240Hz refresh rate significantly reduces motion blur and flicker, further minimizing eye strain. Additionally, the MUX2 same-color, same-drive technology reduces the number of light-emitting components in the screen, making it ideal for long-term use by screen-intensive users.

In the future, we will continue responding to the concerns of investors and consumers by strengthening innovation and R&D, enhancing IP management, and striving to deliver more sustainable products.

Opportunities in Clean Technologies

As we pursue a greener future, clean technologies not only lead the way in environmental protection but also serve as a vital bridge for enterprises to upgrade and embrace new opportunities. At TCL Tech., investment in clean technology is a strategic priority. Building on our progress in this field, we continue to launch environmentally friendly products that support a low-carbon future and promote long-term sustainable development.

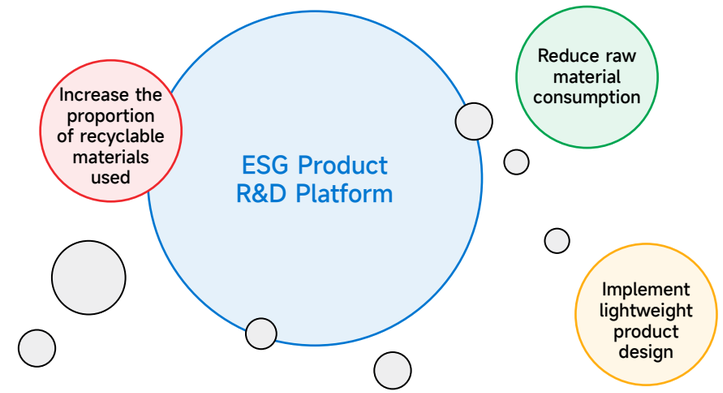
Clean Technology Strategy

In response to growing environmental challenges, TCL Tech. continues to advance clean technologies aimed at reducing the environmental impact of its operations. We are strategically increasing investments—both financial and human—to accelerate the integration of clean technologies into our products and scale their deployment. At the same time, we are expanding the share of clean-tech-related revenue to support the transition to a green, low-carbon economy, while addressing the expectations of regulators and investors.

TCL CSOT integrates clean technology principles across the entire product lifecycle. In partnership with clients, we promote the recycling and reuse of core packaging materials to reduce resource consumption and environmental impact.

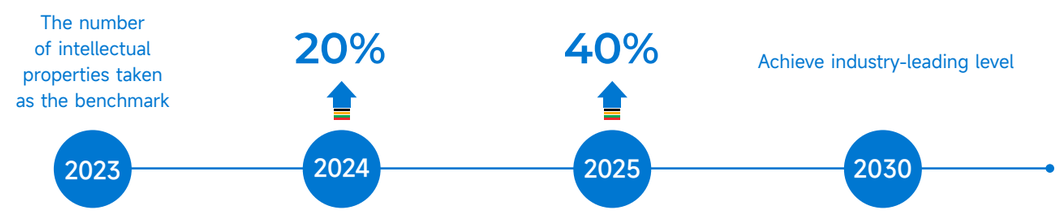
We also conduct proactive carbon footprint assessments to monitor environmental performance and identify areas for improvement. In 2024, carbon footprint verification was completed for the 12.9-inch display panel and the 10.1-inch central control display module. Based on the results, targeted measures were developed to reduce emissions at key stages of production.

TCL CSOT has established an ESG Product Technology R&D Platform to provide customers with a new generation of green product experiences.



TCL CSOT ESG Product Technology R&D Platform

TCL Zhonghuan has continued to deepen its exploration of the low-carbon energy transition, focusing on reducing the Levelized Cost of Energy (LCOE) for photovoltaic (PV) systems. Through innovations in crystal wafer and cell technologies, the company is driving the development of low-emission PV products across their full lifecycle. As part of its IP strategy, TCL Zhonghuan has set a target to grow its patent portfolio by 20% over the 2023 baseline by 2024, 40% by 2025, and to reach an industry-leading level by 2030.



MOKA continues to promote low-carbon development in the display industry through lightweight design and improved energy efficiency. Guided by a low-carbon, high-efficiency R&D approach, the company drives clean technology innovation by optimizing base structures, reducing back cover weight, refining packaging dimensions, and enhancing model efficiency.

Backlight Module OD Reduction

- Decreased from OD35 to OD27 and OD22
- Thickness reductions of 23% and 37% respectively

Diffuser Plate Thickness Reduction

- For 50- and 55-inch models, reduced from 1.2mm to 1.0mm
- For 65-inch models, reduced from 1.5mm to 1.2mm

PCB Width Reduction

- Reduced PCB width from 14mm to 12mm based on original design

Lightweight Product Design at MOKA

Clean-Tech Products

Each iteration and upgrade of clean-tech products reflects our steadfast commitment to environmental protection. We are dedicated to developing clean-tech offerings, bringing to life a new vision for sustainable development through a series of environmentally friendly products.

TCL CSOT launched the Industry's First Green All-in-One Device with Degradable PCB

TCL CSOT launched industry-leading MNT and NB modules that incorporate a high ratio of PCR[21] and PIR materials, paired with low-power-consumption platforms to enhance clean-tech capabilities. The MNT module contains ≥ 62% recyclable materials and the NB module ≥ 45%, both certified under PCR standards. These innovations demonstrate our strong commitment to resource circularity and environmental sustainability.

MOKA's DT653K Monitor Earned Environmental Certification

MOKA earned the China Environmental Labeling Product Certification for its outstanding performance in clean-tech development. This certification highlights the company's leadership and reliability in key areas such as green manufacturing, energy conservation, emissions reduction, and environmentally friendly materials—laying a strong foundation for its continued success in the global clean-tech market.

By advancing clean technologies and clean energy solutions, and cultivating a strong internal culture of sustainability, TCL Tech. has built a multidimensional solution network. Through collective efforts, we actively contribute to the achievement of sustainable development.

[21] PCR stands for Post-Consumer Recycled Material.

Appendix

Key Performance Indicator Table[22]

Key Performance Indicators	Units	2022	2023	2024
Environmental				
Climate Action and Energy Management[23]				
Diesel consumption	Liter	/	397,437.24	354,878.58
Gasoline consumption	Liter	/	86,622.05	157,641.52
Natural gas consumption	Cubic Meter	/	23,275,604.84	27,517,860.19
Steam consumption	Tonne	/	208,066.80	301,123.11
Coal consumption	Tonne	/	/	0.00
Purchased electricity	kWh	5,787,323,319.00	15,101,653,623.61	15,222,417,562.24
Total non-renewable energy consumption	kWh	/	14,925,778,304.23	15,683,903,788.81
Purchased green power	kWh	/	/	3,037,058,095.65
Photovoltaic power generation	kWh	/	1,183,950,508.03	858,711,364.83
Total renewable energy consumption	kWh	/	326,637,486.03	3,328,477,561.78
Proportion of renewable energy consumption	%	/	/	17.51
Total energy consumption	kWh	5,991,717,144.00	15,307,402,846.39	19,012,381,350.59
Scope 1 greenhouse gas (GHG) emissions	Tonne of CO_2 equivalent	261,350.33	465,556.10	751,872.07
Scope 2 greenhouse gas (GHG) emissions	Tonne of CO_2 equivalent	5,525,242.77	8,506,581.61	8,891,692.29
Operational greenhouse gas (GHG) emissions (scope 1 and scope 2)	Tonne of CO_2 equivalent	5,786,593.10	8,972,137.71	9,643,564.36
Scope 3 emissions – employee business travel	Tonne of CO_2 equivalent	/	4,810.17	7,724.66
Scope 3 emissions – product transportation and distribution	Tonne of CO_2 equivalent	/	53,383.38	80,486.89
Scope 3 emissions – waste generated in operations	Tonne of CO_2 equivalent	/	38,555.15	77,317.49

[22] In 2024, we optimized the caliber of data collection and further expanded the scope of data collection to include the headquarters of TCL Tech., TCL CSOT and its subsidiaries, TCL Zhonghuan, MOKA, Highly and TPC (partial of the data that do not correspond to this caliber have been explained separately).

[23] The scope of data relevant to GHG emissions includes: TCL CSOT and its subsidiaries, TCL Zhonghuan, MOKA, Highly and TPC; the scope of data on other topics includes: TCL CSOT and its subsidiaries (excluding TCL CSOT India), TCL Zhonghuan, MOKA, Highly and TPC.

Key Performance Indicators	Units	2022	2023	2024
Scope 3 emissions – processing of sold products	Tonne of CO_2 equivalent	/	1,957,050.20	1,618,676.33
Scope 3 emissions – end-of-life treatment of sold products	Tonne of CO_2 equivalent	/	83,821.32	161,156.94
Total scope 3 greenhouse gas (ghg) emissions	Tonne of CO_2 equivalent	/	51,488,093.85	55,564,544.83
Total greenhouse gas (GHG) emissions	Tonne of CO_2 equivalent	6,653,747.25	60,460,231.56	65,208,109.19
GHG emissions intensity	Tonne of CO_2 Equivalent per Million RMB of Revenue	34.74	51.46	58.52
Number of emission reduction projects (registered and traded under CCER and other programs)	Project	/	/	0
Water Resource Management[24]				
Total water withdrawal	Tonne	/	/	90,568,077.00
Water withdrawal intensity	Tonne/Million RMB of Revenue	/	/	549.56
Reclaimed/alternative water consumption[25]	Tonne	/	2,175,507,309.33	35,564,980.82
Total wastewater discharge	Tonne	/	/	68,689,758.08
Total water consumption	Tonne	44,054,464.00	51,254,343.98	21,878,318.91
Water consumption intensity	Tonne/Million RMB of Revenue	264.51	293.95	132.76
Resource Recycling and Waste Management[26]				
Total hazardous waste emissions	Tonne	/	37,298.89	13,967.78
Hazardous waste emissions intensity	Tonne/Million RMB of Revenue	/	0.21	0.08
Household waste	Tonne	/	/	3,220.12
Plastic waste	Tonne	/	/	407.25
General industrial solid waste	Tonne	/	/	439,552.13
Other non-hazardous waste	Tonne	/	/	1,117.15
Non-hazardous waste emissions volume	Tonne	/	346,542.85	17,179.31

[24] The scope of data includes: TCL CSOT and its subsidiaries (excluding TCL CSOT India), TCL Zhonghuan, MOKA, Highly and TPC.
[25] The scope of data includes: TCL CSOT and its subsidiaries (excluding Guangzhou ChinaRay, Guangdong Juhua, TCL CSOT India), TCL Zhonghuan, MOKA, Highly and TPC.
[26] The scope of data includes: TCL CSOT and its subsidiaries (excluding Guangzhou ChinaRay, Guangdong Juhua, TCL CSOT India), TCL Zhonghuan, MOKA, Highly and TPC.

Key Performance Indicators	Units	2022	2023	2024
Non-hazardous waste emissions intensity	Tonne/Million RMB of Revenue	/	1.99	0.10
Total waste emissions	Tonne	208,667.50	383,841.74	327,471.70
Waste recycling volume	Tonne	81,865.00	359,869.82	478,946.92
Packaging materials used	Tonne	/	/	246,188.97
Total recycled packaging	Tonne	/	75,665.96	57,215.10
Packaging material savings	Tonne	/	17,108.54	13,825.00
Pollutant Management[27]				
NO_x Emissions	Tonne	/	77.09	139.56
VOCs Emissions	Tonne	89.35	151.48	136.86
SO_2 Emissions	Tonne	/	8.36	18.95
Ammonia Emissions	Tonne	/	/	2.84
Particulate Matter Emissions	Tonne	/	37.68	51.27
Total Air Emissions	Tonne	/	6,247,998.84	234,714.82
Ammonia Nitrogen (NH_3-N) Emissions	Tonne	/	137.20	342.37
Biochemical Oxygen Demand (BOD) Emissions[28]	Tonne	/	/	330.00
Total Wastewater Discharge[29]	Tonne	31,576,217.49	47,944,625.30	68,065,883.53
Environmental Compliance and Ecological Protection[30]				
Number of Environmental Incidents	Incident	0	0	0
Penalties arising from the Company's violation of environment-related regulations	Penalty	0	0	0
Fines imposed on the Company for violation of environment-related laws and regulations	RMB	0	0	0
Lawsuits against the Company for violation of environment-related laws and regulations	Lawsuit	0	0	0
Total investment in environmental protection	RMB Ten Thousand	71,263.18.00	239,708.35	97,140.38
Number of environmental protection training sessions for employees	Session	67	232	513

[27] The scope of data includes: CSOT and its subsidiaries (excluding TCL CSOT India), TCL Zhonghuan, MOKA, Highly and TPC.
[28] The scope of data includes: TCL CSOT and its subsidiaries (excluding Guangzhou ChinaRay, Guangdong Juhua, TCL CSOT India), TCL Zhonghuan, MOKA, Highly and TPC.
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[30] The scope of data includes: TCL CSOT and its subsidiaries (excluding TCL CSOT India), TCL Zhonghuan, MOKA, Highly and TPC.

Key Performance Indicators	Units	2022	2023	2024
Number of participants in environmental training	Participant	6,236	48,174	72,812
Social Dimension				
Product Quality and Safet[31]				
Number of product recalls	Recall	/	/	0
Responsible Supply Chain[32]				
Total number of suppliers		/	2,525	3,001
Number of Chinese mainland-based suppliers	Supplier	/	2,006	2,651
Number of suppliers in Hong Kong, Macao, and Taiwan	Supplier	/	519	117
Number of overseas suppliers	Supplier	/		233
Number of supplier training sessions	Session	/	563	899
Number of participants in supplier training	Participant	/	23,570	104,578
Number of environmental training sessions for suppliers	Session	/	296	399
Number of participants in suppliers' environmental training	Participant	/	5,638	4,578
Number of supplier engagement activities	Activity	/	355	108
Number of suppliers audited this year	Supplier	/	746	1,490
Number of suppliers undergoing environmental impact Assessments	Supplier	/	738	1,599
Proportion of new suppliers screened using environmental standards	%	/	100	75
Number of suppliers with actual or potential significant negative environmental impacts	%	/	0	161
Proportion of suppliers agreeing to improvement after assessment	%	/	100	75
Proportion of suppliers terminated after assessment	%	/	0	0
Number of suppliers conducting social impact assessments	Supplier	/	738	1,750
Proportion of new suppliers screened using social standards	%	/	100	75

[31] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries (excluding TCL CSOT India), TCL Zhonghuan, MOKA, TPC and Highly.
[32] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries (excluding TCL CSOT India), TCL Zhonghuan, MOKA and Highly.

Key Performance Indicators	Units	2022	2023	2024
Number of suppliers with actual or potential significant negative social impacts	Supplier	/	0	161
Proportion of suppliers agreeing to improvement after assessment	%	/	100	75
Proportion of suppliers terminated after assessment	%	/	0	0
Occupational Health and Safety[33]				
Coverage rate of employee medical examination and health records	%	100	100	83.94
Number of occupational health and safety training sessions	No.	/	3,115	3,722
Number of participants in safety training	Participant	/	72,680	297,087
Investment in safety production	RMB Ten Thousand	16,150.41	32,032.06	30,382.05
Number of participants in safety training	Participant	309,704	1,647,090	1,425,451
Total hours of safety training	Hour	424,722.00	2,674,568.00	3,284,679.87
Number of major safety accidents	Accident	0	0	0
Talent Developmen[34]				
Total investment in employee training	RMB Ten Thousand	2,102.28	1,570.33	2,801.90
Total number of participants in employee training	Participant	357,859	5,464,896	2,610,699
Total hours of training for employees	Hour	568,687.00	570,343.50	1,657,872.50
Number of Learning Academy Training Programs (T Academy, Starway Academy, Zhonghuan Academy)	Program	/	1,851	5,050
Number of self-developed courses at academies	Course	/	1,771	3,964
Number of training hours at academies	Hour	/	2,009.95	471,794.20
Total learning hours at academies	Hour	/	570,343.50	673,080.10
Total hours of technology ethics training	Hour	/	/	19,279.90
Number of participants in technology ethics training	Participant	/	/	47,686
Coverage rate of technology ethics training	%	/	/	32.70

[33] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries (excluding Guangzhou ChinaRay, Guangdong Juhua, TCL CSOT India), TCL Zhonghuan, MOKA, TPC and Highly.
[34] The scope of data includes: Consistent with the scope of TCL Tech. 2024 Annual Report.

Key Performance Indicators	Units	2022	2023	2024
Number of technology ethics training sessions	Session	/	/	36
Diversity, Equity, and Inclusion[35]				
Total number of employees at the end of the reporting period	Employee	69,828	75,217	71,067
Total number of employees at beginning of the reporting period	Employee	/	/	75,217
Total number of new employees hired	Employee	/	/	91,058
Total Number of Employees by Gender				
Number of active male employees	Employee	52,545	55,912	51,360
Number of active female employees	Employee	17,283	19,305	19,707
Total Number of Employees by Age				
30 and below	Employee	/	45,951	39,412
Between 30 and 50	Employee	/	28,806	30,908
Above 50	Employee	/	460	747
Total Number of Employees by Region				
Number of Chinese mainland-based Employees	Employee	65,954	71,387	67,311
Number of employees in Hong Kong, Macao, Taiwan, and overseas	Employee	3,874	3,830	3,756
Total number of employees by employment type				
Number of full-time employees	Employee	/	/	56,020
Number of non-full-time employees	Employee	/	/	15,047
Employee productivity	Million in Revenue per Person	/	/	2.32
Labor contract signing coverage rate	%	100	100	100
Social insurance coverage rate of employees	%	100	100	100
Number of employee nationalities	Nationality	/	12	19
Number of ethnic minorities	Ethnic Minority	5,279	6,499	5,801
Number of employees with disabilities	Employee	19	42	346
Number of active management staff	Staff	2,149	2,141	2,095
Proportion of women in mid-to-senior management roles[36]	%	20	20	21

[35] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries (excluding Guangzhou ChinaRay, Guangdong Juhua, TCL CSOT India), TCL Zhonghuan, MOKA, TPC and Highly.
[36] The scope of data includes: Consistent with the scope of TCL Tech. 2024 Annual Report.

Key Performance Indicators	Units	2022	2023	2024
Compensation and Benefits[37]				
Amount of loans issued to employees	RMB Ten Thousand	/	21,809.00	19,911.00
Investment in helping employees in difficulty	RMB Ten Thousand	64.60	101.4	124.17
Number of employees assisted in difficulty	Employee	/	192	424
Employee satisfaction	%	/	72	73
R&D and Technological Innovation[38]				
Number of R&D personnels	Personnel	11,979	11,313	10,855
Proportion of R&D personnels	%	/	/	15.27
Number of male R&D personnel	Personnel	/	9,461	9,048
Number of female R&D personnel	Personnel	/	1,852	1,807
Number of new patents granted[39]	patent	/	3,894	2,926
Investment in R&D	RMB Billion	10.778	10.309	8.87
Number of new innovation research projects[40]	project	/	144	130
Number of industry exchange events participated[41]	Event	/	22	93
Community Impact and Social Contributions[42]				
Expenditure on philanthropic causes[43]	RMB Ten Thousand	5,201.31	5,660.31	5,499.89
Number of philanthropic activities conducted	Activity	/	251	352
Number of employee volunteer activities organized	Activity	41	216	370
Number of employees participating volunteer activities[44]	Employee	108	198	1,068
Employee volunteer hours	Hour	/	5,036.00	5,612.50

[37] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries (excluding Guangzhou ChinaRay, Guangdong Juhua, TCL CSOT India), TCL Zhonghuan, MOKA, TPC and Highly.
[38] The scope of data includes: Consistent with the scope of TCL Tech. 2024 Annual Report.
[39] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries, TCL Zhonghuan, MOKA, TPC and Highly.
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[43] The scope of data includes: Consistent with the scope of TCL Tech. 2024 Annual Report.
[44] The scope of data includes: Consistent with the scope of TCL Tech. 2024 Annual Report.

Key Performance Indicators	Units	2022	2023	2024
Data Security and Privacy Protection[45]				
Number of data security training sessions	Session	3	127	102
Number of participants of data security training	Participant	39	300,566	40,020
Number of information security incidents	Incident	0	0	0
Value involved in information security incidents	RMB	/	/	0
Customer Service Management[46]				
Number of customer training sessions	Session	/	75	121
Number of participants in customer training	Participant	/	358	403
Governance				
Business Ethics[47]				
Training related to anti-corruption	Time	1	32	30
Number of Participants in anti-corruption training	Participant	90	89,663	165,200
Coverage rate of anti-corruption training	%	/	/	100
Anti-Corruption Training Coverage Rate by Role				
Board directors	%	/	/	100
Management Personnel	%	/	/	100
General employees	%	/	/	87
Corporate Operation[48]				
Operating income	RMB Billion	166.553	174.367	164.8
Net income	%	0.52	4.27	2.95
Asset-to-liability ratio	%	63.29	62.10	64.92

[45] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries (excluding Guangzhou ChinaRay, Guangdong Juhua, TCL CSOT India), TCL Zhonghuan, MOKA, TPC and Highly.
[46] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries (excluding TCL CSOT India, Guangzhou ChinaRay, Guangdong Juhua,), TCL Zhonghuan, MOKA and TPC.
[47] The scope of data includes: Headquarters of TCL Tech., TCL CSOT and its subsidiaries (excluding TCL CSOT India, Guangzhou ChinaRay, Guangdong Juhua,), TCL Zhonghuan, MOKA and TPC.
[48] The scope of data includes: Consistent with the scope of TCL Tech. 2024 Annual Report.

Reporting Index

Response to the United Nations Sustainable Development Goals (SDGs)

SDGs		Corresponding Chapter
1 NO POVERTY	NO POVERTY	Shared Value – Talent Development
2 ZERO HUNGER	ZERO HUNGER	Shared Value – Talent Development
3 GOOD HEALTH AND WELL-BEING	GOOD HEALTH AND WELL-BEING	Shared Value – Occupational Health and Safety
4 QUALITY EDUCATION	QUALITY EDUCATION	Shared Value – Talent Development
5 GENDER EQUALITY	GENDER EQUALITY	Shared Value – Employee Rights and Interests
6 CLEAN WATER AND SANITATION	CLEAN WATER AND SANITATION	Green Development – Environmental Compliance and Ecological Protection
7 AFFORDABLE AND CLEAN ENERGY	AFFORDABLE AND CLEAN ENERGY	Green Development – Climate Change Response and Energy Management
8 DECENT WORK AND ECONOMIC GROWTH	DECENT WORK AND ECONOMIC GROWTH	Shared Value – Employee Rights and Interests
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	INDUSTRY, INNOVATION AND INFRASTRUCTURE	Innovation for Progress – R&D and Technological Innovation
10 REDUCED INEQUALITIES	REDUCED INEQUALITIES	Shared Value – Employee Rights and Interests

SDGs		Corresponding Chapter
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	RESPONSIBLE CONSUMPTION AND PRODUCTION	Sustainable Operation – Product Quality and Safety
13 CLIMATE ACTION	CLIMATE ACTION	Green Development – Climate Change Response and Energy Management
14 LIFE BELOW WATER	LIFE BELOW WATER	Green Development – Environmental Compliance and Ecological Protection
15 LIFE ON LAND	LIFE ON LAND	Green Development – Environmental Compliance and Ecological Protection
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	PEACE, JUSTICE AND STRONG INSTITUTIONS	Scientific Governance – Corporate Governance
17 PARTNERSHIPS FOR THE GOALS	PARTNERSHIPS FOR THE GOALS	Sustainable Operation – Responsible Supply Chain

The Ten Principles of the UN Global Compact

WE SUPPORT UN GLOBAL COMPACT

TCL

Category	Principles	Page Listed
Human Rights	Businesses should support and respect the protection of internationally proclaimed human rights.	Shared Value
	Businesses should make sure that they are not complicit in human rights abuses.	Shared Value
Labor	Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.	Shared Value
	Businesses should uphold the elimination of all forms of forced and compulsory labor.	Shared Value
	Businesses should uphold the effective abolition of child labor.	Shared Value
	Businesses should uphold the elimination of discrimination in respect of employment and occupation.	Shared Value
Environment	Businesses should support a precautionary approach to environmental challenges.	Green Development
	Businesses should undertake initiatives to promote greater environmental responsibility.	Green Development
	Businesses should encourage the development and diffusion of environmentally friendly technologies.	Innovation for Progress
Anti-Corruption	Businesses should work against corruption in all its forms, including extortion and bribery.	Scientific Governance

GRI Index

Disclosure Item	Disclosure Title	Sections
Universal Standards		
GRI 1: Foundation 2021		
GRI 2: General Disclosures 2021		
The organization and its reporting practices		
2-1	Organizational details	Sustainable Operation – About TCL Tech.
2-2	Entities included in the organization's sustainability reporting	About the Report
2-3	Reporting period, frequency and contact point	About the Report
2-4	Restatements of information	About the Report
2-5	External assurance	Independent Assurance Report
Activities and workers		
2-6	Activities, value chain and other business relationships	Sustainable Operation – About TCL Tech. Sustainable Operation – Responsible Supply Chain
2-7	Employees	Key Performance Indicator Table
Governance		
2-9	Governance structure and composition	Scientific Governance – Corporate Governance
2-10	Nomination and selection of the highest governance body	Scientific Governance – Corporate Governance
2-11	Chair of the highest governance body	Scientific Governance – Corporate Governance
2-12	Role of the highest governance body in overseeing the management of impacts	Scientific Governance – Corporate Governance
2-13	Delegation of responsibility for managing impacts	Scientific Governance – Corporate Governance
2-14	Role of the highest governance body in sustainability reporting	Scientific Governance – Corporate Governance
2-16	Communication of critical concerns	Sustainable Operation – Sustainable Development Governance
2-17	Collective knowledge of the highest governance body	Sustainable Operation – Sustainable Development Governance
Strategy, policies and practices		

Disclosure Item	Disclosure Title	Sections
2-22	Statement on sustainable development strategy	Letter from the Chairman Letter from the Vice President and Director of ESG Office
2-23	Policy commitments	Scientific Governance – Business Ethics
2-24	Embedding policy commitments	Scientific Governance – Business Ethics
2-25	Processes to remediate negative impacts	Scientific Governance – Business Ethics
2-26	Mechanisms for seeking advice and raising concerns	Scientific Governance – Business Ethics
2-27	Compliance with laws and regulations	Scientific Governance – Business Ethics
2-28	Membership associations	Letter from the Chairman
Stakeholder engagement		
2-29	Approach to stakeholder engagement	Sustainable Operation – Sustainable Development Governance
GRI 3: Material Topics 2021		
3-1	Process to determine material topics	Sustainable Operation – Sustainable Development Governance
3-2	List of material topics	Sustainable Operation – Sustainable Development Governance
3-3	Management of material topics	Sustainable Operation – Sustainable Development Governance
Topic Standards		
GRI 201: Economic Performance 2016		
201-1	Direct economic value generated and distributed	Key Performance Indicator Table
GRI 203: Indirect Economic Impact2016		
203-1	Infrastructure investments and services supported	Shared Value – Community Impact and Social Contribution
203-2	Significant indirect economic impacts	Shared Value – Community Impact and Social Contribution
GRI 204: Procurement Practices 2016		
204-1	Proportion of spending on local suppliers	Sustainable Operation – Responsible Supply Chain
GRI 205: Anti-corruption 2016		
205-2	Communication and training about anti-corruption policies and procedures	Scientific Governance – Business Ethics
205-3	Confirmed incidents of corruption and actions taken	Scientific Governance – Business Ethics

Disclosure Item	Disclosure Title	Sections
GRI 206: Anti-competitive Behavior 2016		
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Scientific Governance – Business Ethics
GRI 301: Materials 2016		
301-3	Reclaimed products and their packaging materials	Green development – Green Manufacturing and Circular Economy
GRI 302: Energy 2016		
302-1	Energy consumption within the organization	Key Performance Indicator Table
302-2	Energy consumption outside of the organization	Key Performance Indicator Table
302-3	Energy intensity	Key Performance Indicator Table
302-4	Reduction of energy consumption	Green Development – Climate Change Response and Energy Management
302-5	Reductions in energy requirements of products and services	Green Development – Climate Change Response and Energy Management
GRI 303: Water and Effluents 2018		
303-1	Interactions with water as a shared resource	Green Development – Green Manufacturing and Circular Economy
303-2	Management of water discharge-related impacts	Green Development – Green Manufacturing and Circular Economy
303-3	Water withdrawal	Green Development – Green Manufacturing and Circular Economy Key Performance Indicator Table
303-4	Water discharge	Green Development – Green Manufacturing and Circular Economy Key Performance Indicator Table
303-5	Water consumption	Green Development – Green Manufacturing and Circular Economy Key Performance Indicator Table
GRI 305: Emissions 2016		
305-1	Direct (Scope 1) GHG emissions	Key Performance Indicator Table
305-2	Energy indirect(Scope 2)GHG emissions	Key Performance Indicator Table
305-3	Other indirect(Scope 3)GHG emissions	Key Performance Indicator Table
305-4	GHG emissions intensity	Key Performance Indicator Table
305-5	Reduction of GHG emissions	Key Performance Indicator Table
305-6	Emissions of ozone-depleting substances (ODS)	Key Performance Indicator Table
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Key Performance Indicator Table

Disclosure Item	Disclosure Title	Sections
GRI 306: Effluents and Waste 2016		
306-1	Waste generation and significant waste-related impacts	Green Development – Green Manufacturing and Circular Economy
306-2	Management of significant waste-related impacts	Green Development – Green Manufacturing and Circular Economy
306-3	Waste generated	Green Development – Green Manufacturing and Circular Economy Key Performance Indicator Table
306-4	Waste diverted from disposal	Green Development – Green Manufacturing and Circular Economy
306-5	Waste directed to disposal	Green Development – Green Manufacturing and Circular Economy
GRI 308: Supplier Environmental Assessment 2016		
308-1	New suppliers that were screened using environmental criteria	Key Performance Indicator Table
308-2	Negative environmental impacts in the supply chain and actions taken	Sustainable Operation – Responsible Supply Chain
GRI 401: Employment 2016		
401-1	New employee hires and employee turnover	Key Performance Indicator Table
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Shared Value – Employee Rights and Interests
401-3	Parental leave	Shared Value – Employee Rights and Interests
GRI 403: Occupational Health and safety 2018		
403-1	Occupational health and safety management system	Shared Value – Occupational Health and Safety
403-2	Hazard identification, risk assessment, and incident investigation	Shared Value – Occupational Health and Safety
403-3	Occupational health services	Shared Value – Occupational Health and Safety
403-4	Worker participation, consultation,and communication on occupational health and safety	Shared Value – Occupational Health and Safety
403-5	Worker training on occupational health and safety	Shared Value – Occupational Health and Safety
403-6	Promotion of worker health	Shared Value – Occupational Health and Safety
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Shared Value – Occupational Health and Safety

Disclosure Item	Disclosure Title	Sections
403-8	Workers covered by an occupational health and safety management system	Shared Value – Occupational Health and Safety
403-9	Work-related injuries	Shared Value – Occupational Health and Safety Key Performance Indicator Table
403-10	Work-related ill health	Shared Value – Occupational Health and Safety
GRI 404: Training and Education 2016		
404-1	Average hours of training per year per employee	Shared Value – Talent Development Key Performance Indicator Table
404-2	Programs for upgrading employee skills and transition assistance programs	Shared Value – Talent Development Key Performance Indicator Table
404-3	Percentage of employees receiving regular performance and career development reviews	Shared Value – Talent Development Key Performance Indicator Table
GRI 405: Diversity and Equal Opportunity 2016		
405-1	Diversity of governance bodies and employees	Shared Value – Talent Development
GRI 406: Non-discrimination 2016		
406-1	Incidents of discrimination and corrective actions taken	Shared Value – Employee Rights and Interests
GRI 408: Child Labor 2016		
408-1	Operations and suppliers at significant risk for incidents of child labor	Shared Value – Employee Rights and Interests
GRI 409: Forced or Compulsory Labor 2016		
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	Shared Value – Employee Rights and Interests
GRI 414: Supplier Social Assessment 2016		
414-1	New suppliers that were screened using social criteria	Key Performance Indicator Table
414-2	Negative social impacts in the supply chain and actions taken	Sustainable Operation – Responsible Supply Chain
GRI 416: Customer Health and Safety 2016		
416-1	Assessment of the health and safety impacts of product and service categories	Sustainable Operation – Customer Service Management
416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	Sustainable Operation – Customer Service Management Key Performance Indicator Table
GRI 418: Customer Privacy2016		
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	Scientific Governance – Risk Management and Internal Control

Independent Assurance Report

SGS

ASSURANCE STATEMENT

SGS-CSTC'S REPORT ON SUSTAINABILITY ACTIVITIES IN TCL TECHNOLOGY GROUP CORPORATION'S *ESG REPORT FOR 2024*

NATURE OF THE ASSURANCE/VERIFICATION

SGS-CSTC STANDARDS TECHNICAL SERVICES CO., LTD. (hereinafter referred to as SGS) was commissioned by TCL TECHNOLOGY GROUP CORPORATION (hereinafter referred to as TCL TECH) to conduct an independent assurance of the Chinese version of *TCL TECHNOLOGY GROUP CORPORATION 2024 ESG REPORT* (hereinafter referred to as the Report).

INTENDED USERS OF THIS ASSURANCE STATEMENT

This Assurance Statement is provided with the intention of informing all TCL TECH's Stakeholders.

RESPONSIBILITIES

The information and statements in the Report and its presentation are the responsibility of the Board of Directors and the management of TCL TECH. SGS has not been involved in the preparation of any of the material included in the Report.

The information and statements contained in the Environmental, Social, and Governance (ESG) Report of [XX Company] for the year 2024 are the responsibility of its Board of Directors and management.

Our responsibility is to express an opinion on the text, data, graphs and statements within the scope of assurance with the intention to inform all TCL TECH's stakeholders.

SGS hereby states that it shall not be held responsible or liable for any direct, indirect, incidental, or consequential damages or losses arising from or in connection with the use of information provided in this report.

ASSURANCE STANDARDS, TYPE AND LEVEL OF ASSURANCE

The SGS ESG & Sustainability Report Assurance (SRA) protocols used to conduct assurance are based upon internationally recognised assurance standards including the AA1000 series of standards and ISAE3000.

The assurance of this report has been conducted according to the following Assurance Standards:

Assurance Standard Options	Level of Assurance
AA1000AS v3 Type 2	Moderate

SCOPE OF ASSURANCE AND REPORTING CRITERIA

The assurance engagement was conducted to evaluate the accuracy and reliability of the sustainability performance information included in the Report. Additionally, it assessed the extent to which the Report's content refers to the requirements of *GRI Standards 2021*.

ASSURANCE METHODOLOGY

The assurance comprised a combination of pre-assurance research, interviews with relevant employees on-site at the Building G1, TCL International E City, Nanshan District, Shenzhen, Guangdong, P.R. China; and online review and validation of documentation and records with relevant personnel of TCL TECH's affiliates where relevant.

LIMITATIONS AND MITIGATION

Data drawn directly from independently audited financial accounts has not been checked back to source as part of this assurance process.

The greenhouse gas emission related data in the Report has been directly adopted from the independent third party verification data and has not been double verified in this audit.

This assurance engagement was restricted to the group level of TCL TECH and did not include traceability of original data from all subordinate institutions.

STATEMENT OF INDEPENDENCE AND COMPETENCE
The SGS Group of companies is the world leader in inspection, testing and certification, operating in multiple countries and providing services. SGS affirm our independence from TCL TECH, being free from bias and conflicts of interest with the organisation, its subsidiaries and stakeholders.

The assurance team was assembled based on their knowledge, experience and qualifications for this assignment.

FINDINGS AND CONCLUSIONS

ASSURANCE/VERIFICATION OPINION
On the basis of the methodology described and the assurance engagement performed, the information and data included in the Report is accurate, reliable, and has been fairly stated, and impartial account of TCL Technology's sustainable development activities in 2024.

CONCLUSIONS, FINDINGS AND RECOMMENDATIONS BASED ON *GRI STANDARDS 2021*
The assurance team concludes that the Report has referred to the requirements of *GRI Standards 2021*.

FINDINGS AND RECOMMENDATIONS
All observations pertaining to commendable practices, sustainable development activities, and managerial recommendations identified throughout the assurance process have been thoroughly documented in the *Internal Management Report on Sustainability Reporting Assurance*. This report has been officially presented to the relevant management divisions of TCL TECH to serve as a reference for their ongoing efforts towards continuous improvement.

Signed:
For and on behalf of SGS-CSTC

David Xin
Sr. Director – Business Assurance
16/F Century Yuhui Mansion, No. 73, Fucheng Road, Haidian District, Beijing, P.R. China
22 April 2025

WWW.SGS.COM

Reader Feedback

Dear Reader,

Thank you immensely for taking the time out of your busy schedule to delve into the *TCL Tech. 2024 Environmental, Social, and Governance Report*. We eagerly anticipate your assessment of this Report and welcome your invaluable feedback. Your insights will help us in our ongoing efforts to enhance sustainable development initiatives and elevate our performance in this crucial area. Your feedback will be carefully considered, and we extend our sincere gratitude in advance!

You have the option to provide your feedback through the following channels:

Address: TCL International E City, 1001 Zhongshanyuan Road, Nanshan District, Shenzhen, Guangdong Province, China

Email: esg@tcl.com

Your evaluation of this Report: (please tick the appropriate box)

1.Do you think this Report highlights important environmental, social and governance information about TCL Tech.?

☐ Very Good ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

2.Do you think the information and indicators disclosed in this Report are clear, accurate and complete?

☐ Very Good ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

3.What do you think of the structure of this Report?

☐ Very Good ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

4.What do you think of the layout and presentation of this Report?

☐ Very Good ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

5.How readable do you think this Report is?

☐ Very Good ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

Open question:
We welcome your valuable comments and suggestions on this Report:

TCL

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