

LCYtech.

2024 ESG Report



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Introduction / Overview



0.0 About the Report

I. Report Overview

This is the second ESG Sustainability Report issued by LCY Technology Corp. (hereinafter referred to as LCY Technology or the Company). Throughout its daily operations, LCY Technology listens to feedback from different stakeholders and makes adjustments to sustainability management practices through materiality survey analysis, making ESG Reports an important tool for internal sustainability management that improves information transparency and promotes sustainable operations. The Simplified Chinese/Traditional Chinese/English versions of the report can be [downloaded from the official website of LCY Technology](#).

II. Report Scope

This report covers information on the Company's environmental protection, social responsibility, employee care, corporate governance, core strategies, etc., from January 1, 2024 to December 31, 2024. The data in this report are consistent with the boundaries of the consolidated financial statements of LCY Technology, including the Company's headquarters in Taipei and copper foil plant in Kaohsiung. Any inconsistencies in scope will be explained in the report.

III. Preparation Principles

This report follows the TWSE Rules Governing the Preparation and Filing of Corporate Social Responsibility Reports by TWSE Listed Companies and the internationally accepted sustainability framework. Sustainability information is disclosed in accordance with the GRI Standards, SASB Industry Standards, and TCFD Standards.

1. GRI Standards: This report has been prepared in accordance with GRI Standards (for details, please refer to the chapters of this report and the "Third-Party Independent Assurance Report" in the Appendix).
2. SASB Indicators: This report applies the indicators set forth by the Sustainability Accounting Standards Board (SASB) for two of its 77 industry categories, specifically "Electrical & Electronic Equipment" and "Metals & Mining." (Please refer to Chapters 1 and 2 for details).
3. TCFD Initiative: This report uses the Task Force on Climate Related Financial Disclosures (TCFD) as a framework to disclose the physical risks, low-carbon transition risks, and regulatory risks arising from climate change, while also identifying opportunities within these areas. (For details, please refer to Chapter 1.0 TCFD Climate Risks and Adaptation).

IV. Publication Date

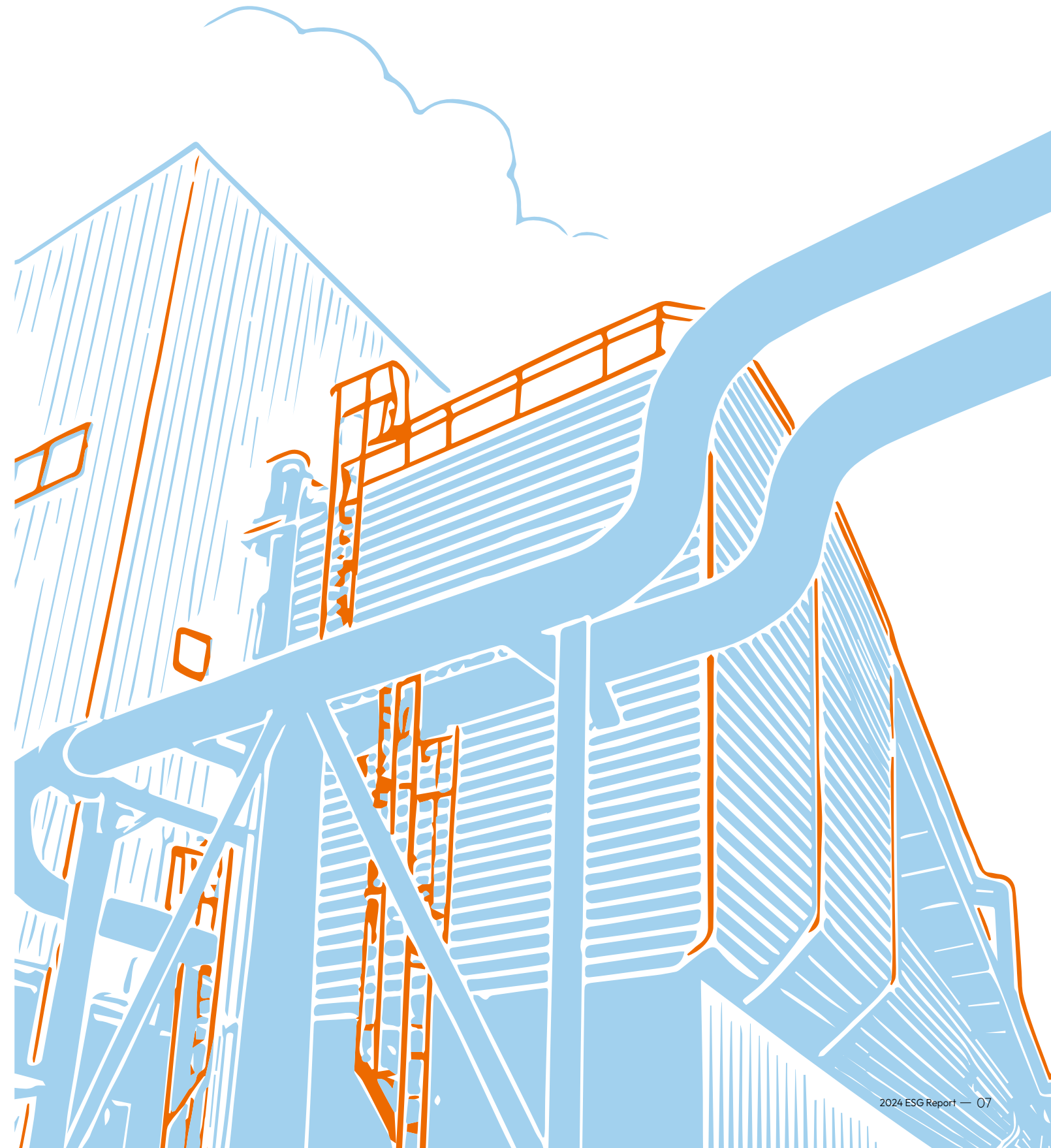
The previous version, the first ESG Report published by LCY Technology, was published in June 2022.
Publication date of current version: July 2025
Going forward, LCY Technology will publish an ESG Report annually in accordance with FSC requirements.

V. Report Management Method and Process

1. Annual performance review: Verify the organization's sustainability initiatives and performance.
2. Confirm sustainability framework and issues: The ESG Sustainability Task Force holds regular meetings to discuss the issues.
3. Data collection and content preparation: The head of each department and the ESG preparation committee jointly review the integrity and accuracy of their data.
4. Review information and data: Internal unit supervisor.
5. Third-party assurance: All information published in this report has been independently verified by the British Standards Institution (BSI) in accordance with AA1000AS v3 Assurance Standard Application Type 1, with an accompanying independent assurance report issued.
6. Final draft: The ESG Sustainability Task Force, department heads, and the President review the draft for a second time.

VI. Contact Method

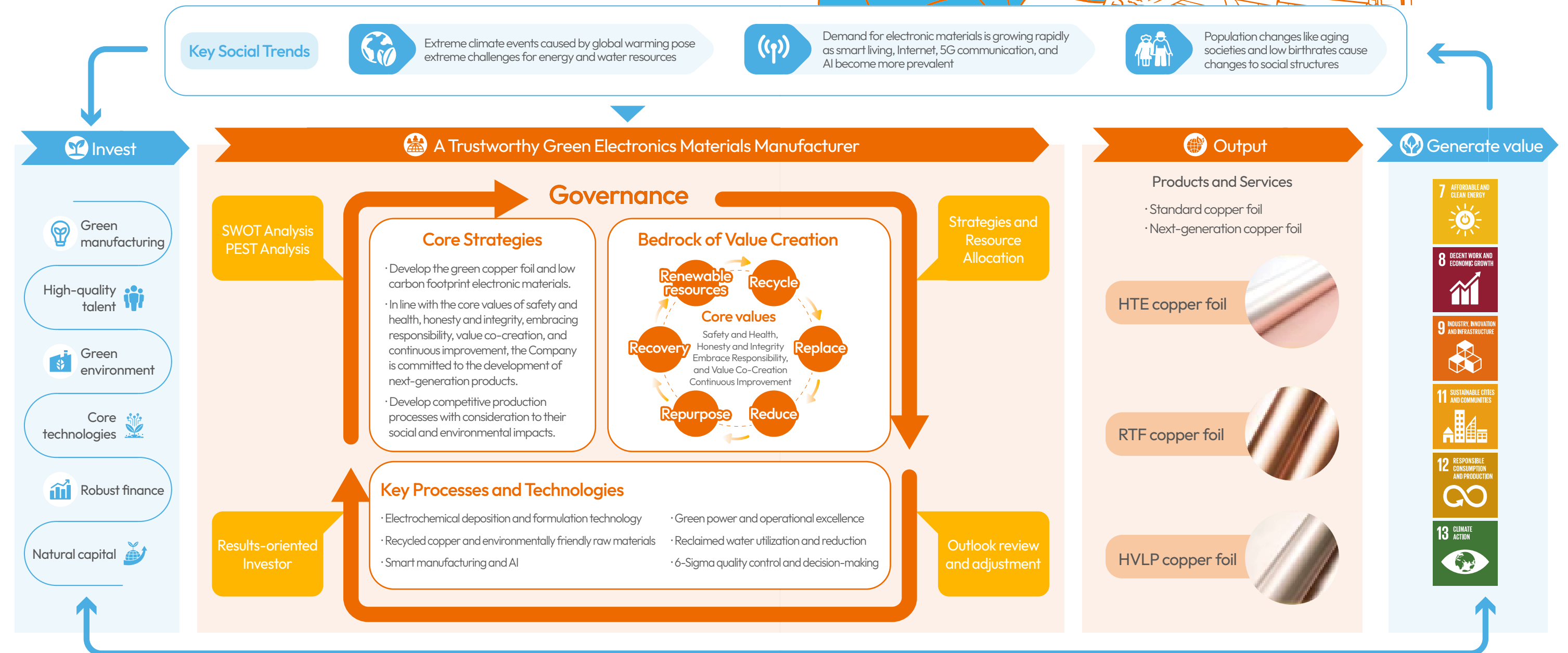
If you have any suggestions or questions about this report, please contact President Justin Liu of the ESG Office of LCY Technology Corp. E-mail address: justin.liu@lcygroup.com
Phone: 02-2763-1611



0.1 LCY Technology - Value Creation Process

The value creation process of LCY Technology comprises six major initiatives, including green manufacturing, high-quality talents, green environment, core technologies, robust finance, and natural capital. In the process of value creation, the Group's five core values and the 6R principles serve as a non-negotiable foundation. By implementing core strategies through key processes and technologies, LCY Technology strives to create value amid increasingly complex and challenging business models, implementing robust corporate governance as an indispensable factor in the pursuit of excellence. Therefore, SWOT and PEST analysis enable the Company to clearly understand both internal and external situations, identify strengths, weaknesses, opportunities, and threats to grasp the environment in which it operates, and plan for the future. This process allows the Company to confirm strategies and allocate

resources, looking ahead to future prospects based on the current situation and making timely adjustments. Ultimately, the Company will share the fruits of its corporate governance with long-term supporting investors, and continue its cycle of review and improvement in pursuit of growth and excellence. LCY Technology strives to become a trusted, world-class partner in green electronic materials. Through energy conservation and green power, water conservation, and renewable water resources, as well as process innovation and waste reduction, LCY Technology is committed to producing low-carbon footprint green copper foil, aiming not only to create economic value but also to generate environmental value. The Company strives to contribute to the balance between corporate development and ecological sustainability, working tirelessly to become a part of the global community dedicated to sustainable value.



Note: PEST analysis is a model that uses environmental scans to analyze political, economic, social, and technological factors in the overall environment. SWOT analysis is a strategic planning tool used to assess the internal strengths, weaknesses, opportunities, and threats of an organization or individual.

Chairman's Message

Becoming a Trustworthy Provider of Interconnected Solutions

As Laozi wrote in the *Tao Te Ching*: “Heaven and Earth attain unity to become clear; All things attain unity to flourish.” In this era of symbiosis between technology and nature, we firmly believe that only by returning to our origins and embracing balance can we nurture a truly sustainable future. With humility and determination, LCY Technology has redefined its corporate role as not only a creator of value, but also a practitioner of industrial transformation, environmental harmony, and social responsibility. With foresight as our starting point, green as our direction, and technology as our bridge, we choose to join hands with our global partners and embark on a meaningful journey toward sustainability.

At LCY Technology, we firmly believe that the success of an enterprise comes not only from growth and profitability, but also from whether it can have a long-term positive impact on society and the environment. As a trustworthy provider of interconnected solutions, we are not only a material supplier, but also a key partner in promoting green innovation and sustainable development. We work with customers to create a smarter, lower-carbon, and more sustainable future through forward-looking technologies and responsible corporate actions. In an era of accelerated technological development and increasingly severe global challenges, we uphold the core philosophy of value creation and view environmental sustainability as the bedrock of our corporate development. We are committed to reducing our carbon footprint and promoting the coexistence and shared prosperity of industry and ecology.

Our value creation system is built on six core investments: green manufacturing, high-quality talent, green environment, core technologies, robust finance, and natural capital. We also drive corporate development through three major strategies: accelerate technological breakthroughs in green copper foil and low-carbon electronic materials, promote next-generation product innovation based on our core values, and integrate social and environmental impacts to optimize production processes. We further implement the “6Rs of Value Creation” (Recycle, Reduce, Replace, Repurpose, Recovery, Renewable) to promote key technology innovation and respond to market changes with scientific decision-making. Our standard copper foil and next-generation copper foil technologies, especially in the fields of HTE copper foil, HLVP copper foil, and RTF copper foil, are widely used in advanced industries such as smart living, automotive electronics, IoT, 5G communication, and low Earth orbit satellites, not only creating competitive advantages for customers, but also driving the entire industry towards a more resilient and sustainable future.

Dual Commitment to Employee Growth and Corporate Sustainability

We are well aware that the success of an enterprise comes

from employee engagement and growth. Therefore, we are committed to creating a workplace culture of trust and respect, and view employee well-being as the core of corporate development. We provide a diverse range of recruitment and training programs and a robust benefits system to support our employees in achieving personal growth and work-life balance, so that every team member grows together with the Company, like family.

Occupational safety and health management are also our top priorities. We strictly comply with international occupational health and safety management systems and local regulations to ensure a safe workplace environment. We actively respond to demographic changes and the challenges of an aging society, promoting friendly workplace and family-friendly policies. In addition, we encourage employees to participate in community development. Through responsible procurement and supply chain collaboration, we work with our partners to promote inclusive social and economic development, creating positive impact.

Low-Carbon Transformation and Green Innovation

Our sustainable development strategy aligns with the UN’s Sustainable Development Goals (SDGs), covering core issues such as affordable energy, decent work and economic growth, industry, innovation and infrastructure, sustainable cities, responsible consumption and production, and climate action. We actively participate in global carbon reduction initiatives, continuously inventorying our greenhouse gas emissions through third-party verification and government-led carbon reduction projects. By optimizing high-energy-consuming equipment, we strive to reduce our carbon emissions (Scope 1 and Scope 2). We aim to reduce carbon emissions by 30% by 2030, with the ultimate goal of achieving carbon neutrality by 2050.

In line with the green power target (2030 RE15) of LCY Chemical, we are actively advancing our green power initiatives to increase the proportion of green power usage and accelerate green power adoption. We are also integrating smart monitoring and energy-saving technologies to achieve our own carbon reduction goals. In addition, through the integration of water resources across the entire plant, combined with the use of reclaimed water from the industrial park and the reuse of steam condensate, we are able to reduce the consumption of municipal water and significantly reduce the environmental burden of our manufacturing processes. At the same time, we promote the use of recycled copper and environmentally friendly raw materials, and obtained the UL2809 certification, which verifies that we use 100% recycled copper raw materials. We are also continually developing smart manufacturing technologies to realize a more efficient green production model.

Strengthening Governance and Shared Prosperity for the Industry

Adhering to our core value of honesty and integrity, we strictly adhere to international compliance standards. We strive to create long-term value with financial stability as our goal. We give back to shareholders and take care of employees, and actively respond to the expectations of stakeholders to ensure that the Company continues to pursue both financial and sustainable development. We have introduced artificial intelligence (AI) and smart monitoring technologies to comprehensively improve operational efficiency and ensure that ESG management is integrated into daily decision-making and business operations. Furthermore, we have strengthened internal governance mechanisms, deepened supply chain cooperation through responsible procurement, and promoted the industry's green transformation. We continue to monitor the market environment for changes, risks, and opportunities, ensuring that our governance strategies are aligned with current trends to support the Company's steady growth and achieve sustainable development.

Co-Creating a Sustainable Future

With global ESG trends accelerating the reshaping of industry landscapes, we embrace the changes of the times as we actively expand our international market presence across strategic regions, including Europe, the United States, Southeast Asia, South Korea, and Japan. We are also increasing our investments in high value-added electronic materials, strengthening our global competitiveness through strategic alliances and technological innovation. We focus on breakthroughs in electrochemical sedimentation, smart manufacturing, 6-Sigma quality control, and decision-making technology, continuously expanding our technological boundaries to ensure a solid and leading position in the global market.

Chairman

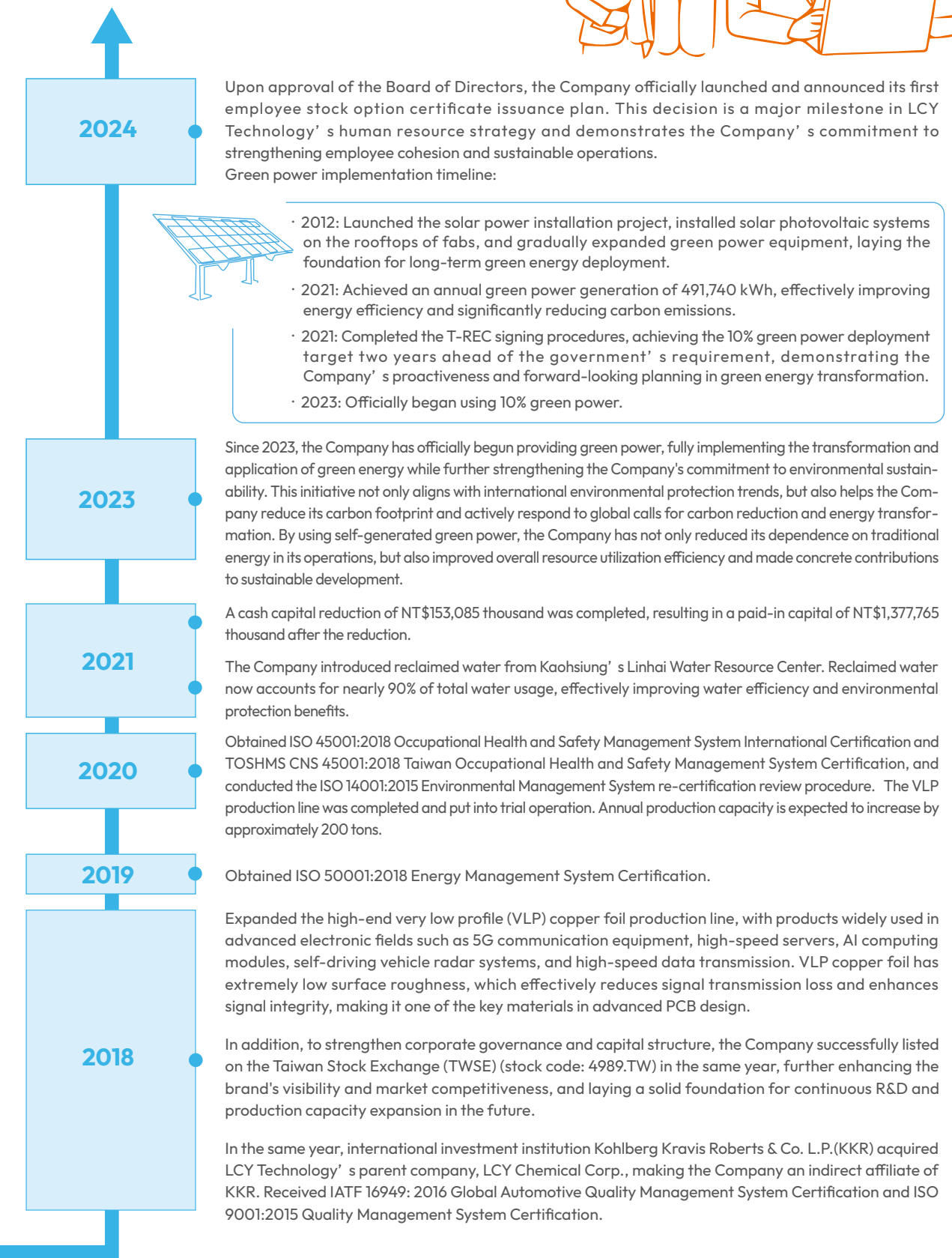
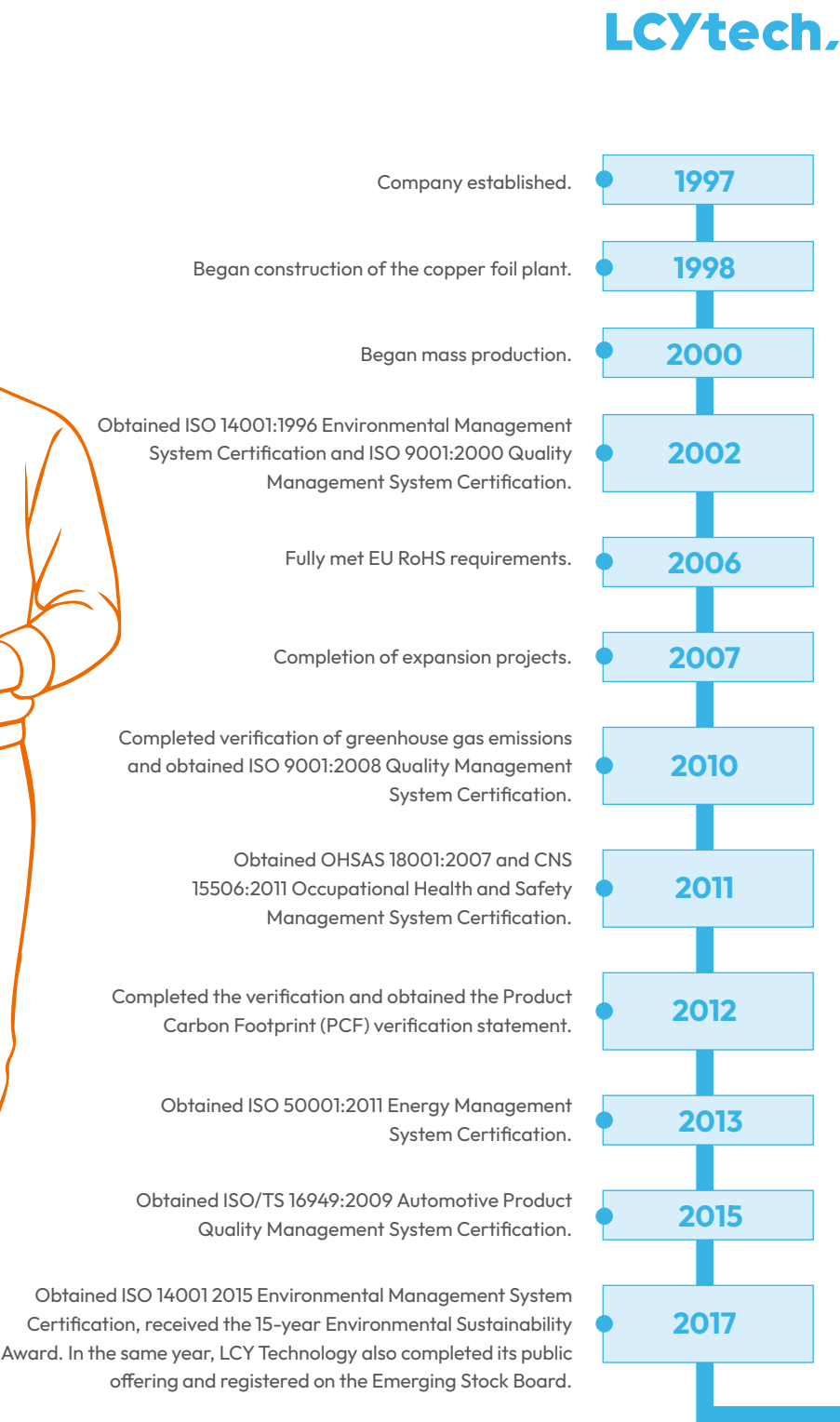
陳銘樹 *Chen Ming Shu*



0.2 About LCY Technology

I. History

LCY Technology Corp. is headquartered in Taipei City, with its copper foil plant located in Xiaogang District, Kaohsiung. The Company was founded by LCY Chemical Corp. in January 1997.



II. Operations

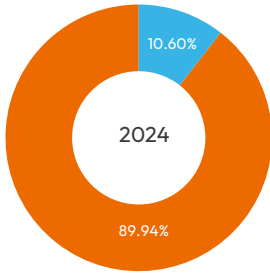
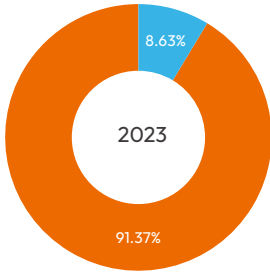
LCY Technology focuses on the production of electrolytic copper foil, mainly supplied to PCB and CCL industries in Taiwan and abroad. The high-quality, high-stability electrolytic copper foil provided by the Company, hailed as the “nervous system” of signal and power transmission in electronic products, is an indispensable key material for copper foil substrate and printed circuit boards.

In response to the trend of electronic products becoming lighter, smaller, and designed for short-distance, high-speed transmission, LCY Technology is committed to developing next-generation copper foil products with high density, reduced thickness, and high heat resistance by leveraging its robust R&D capabilities in core manufacturing processes and technologies to meet the market’s continuously rising performance demands.

Meanwhile, the Company’s management team actively recruits professionals from the world’s top copper foil manufacturers. The Company has also gathered experts and scholars in Taiwan and abroad with over 20 years of experience in copper foil manufacturing to form an advisor team to promote the development of low-carbon footprint and green copper foil. This has not only improved product competitiveness from a technical perspective, but also taken into consideration comprehensive social and environmental impacts, thereby creating a more sustainable production process.

III. Operating Locations and Sales Regions

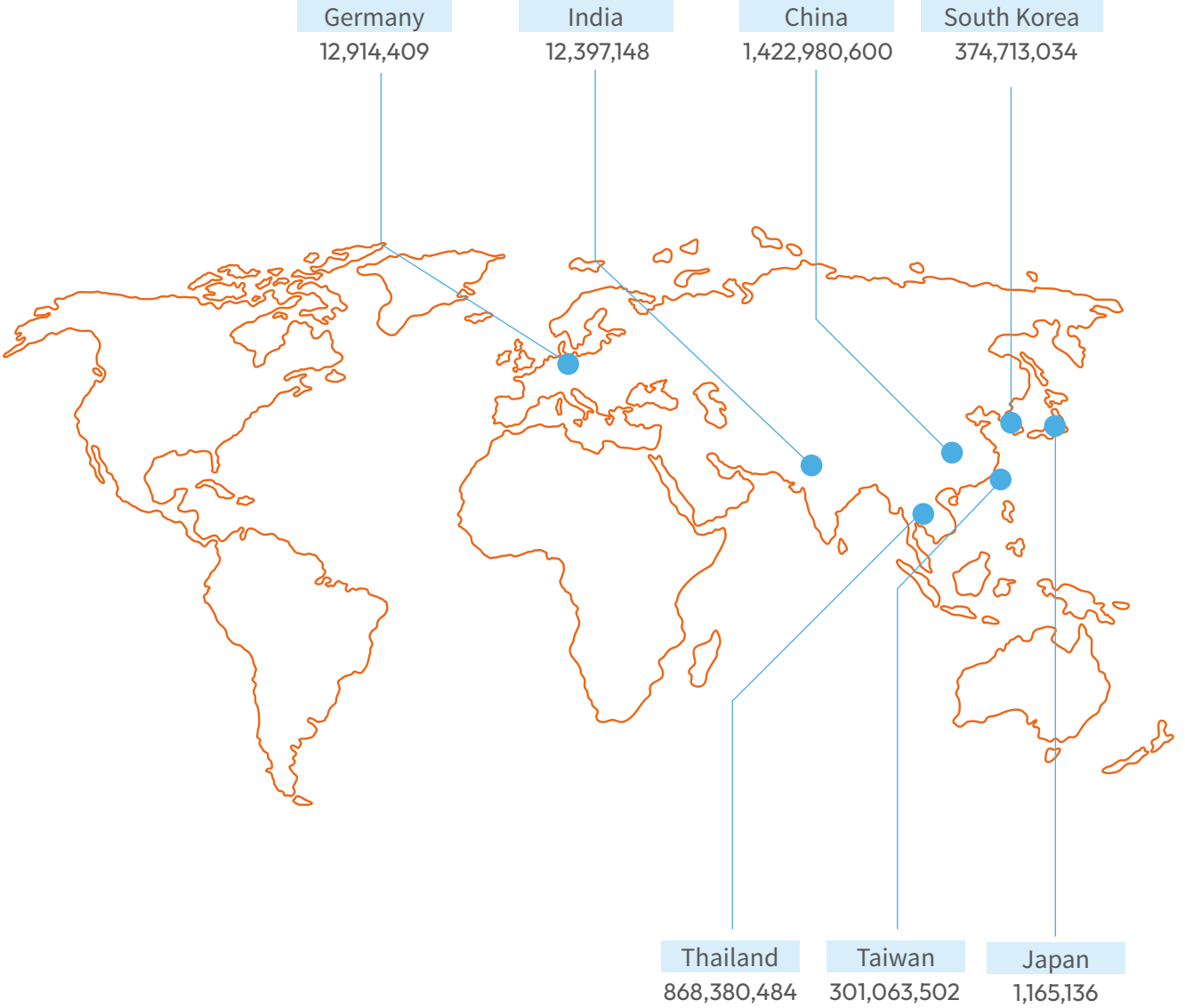
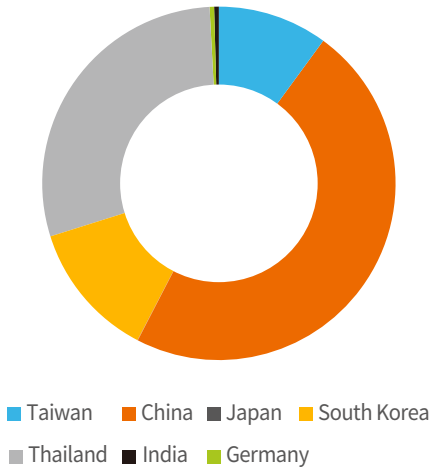
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Region	Year	2023		2024	
		Amount	Percentage (%)	Amount	Percentage (%)
Domestic		307,196	8.63%	301,063	10.06%
Export		3,250,773	91.37%	2,692,551	89.94%
Total		3,557,969	100.00%	2,993,614	100.00%

Region-excluding scrap foil

Classification	Region	Net sales	Percentage
Domestic	Taiwan	301,063,502	10.0%
	Asia - China	1,422,980,600	47.5%
Export	Asia - Others - Japan	1,165,136	0.0%
	Asia - Others - South Korea	374,713,034	12.5%
	Asia - Others - Thailand	868,380,484	29.0%
	Asia - Others - Philippines	0	0.0%
	Asia - Others - Singapore	0	0.0%
	Asia - Others - India	12,397,148	0.4%
	Germany	12,914,409	0.4%
	Americas	0	0.0%
	Europe - Others - France	0	0.0%
	Subtotal	2,993,614,313	100.0%



ESG Governance Highlights

LCY Technology continues to promote lean management by using data visualization and real-time feedback mechanisms to improve business efficiency and enhance the transparency of resource allocation, thereby achieving corporate sustainable development goals. The Company introduced a dashboard system to accurately track key performance indicators (KPIs) and promote higher standards in terms of environmental impact, social responsibility, and governance structure.

Additionally, LCY Technology encourages employees to actively identify and resolve problems. By making real-time feedback through data visualization, employees can quickly grasp the current situation and take timely action. These visualized data allow for strategies and processes to be adjusted flexibly, especially at the governance level, and encourage employees to become active participants in the improvement process, further enhancing their problem-solving efficiency and innovation capabilities.

Environmental Concerns

Green Products



- ✓ The Company uses 100% recycled copper wire as raw materials, which not only reduces the demand for raw materials, but also helps reduce waste and resource consumption, further supporting environmental sustainability.
- ✓ In 2024, the Company procured approximately 27,160 wood crates (used to package copper foil). Currently, 5,778 of such crates have been successfully recycled, with a recycling rate of approximately 21.27%. This recycling rate demonstrates the Company's proactive efforts in resource circulation and material reuse, which is consistent with its commitment to environmental sustainability (ESG). It represents a step towards the goals of reducing resource consumption and improving recycling and reuse efficiency.

Water Management



- ✓ The Company' s 80%–100% reclaimed water utilization rate effectively treats and reuses wastewater, conserving water resources.
- ✓ Process cooling and air conditioning cooling water have achieved 100% recirculation, reducing the demand for fresh water sources.

Waste and Hazardous Materials Management



- ✓ In 2024, compared to 2021, LCY Technology reduced hazardous waste by 551.34 metric tons, a reduction of 51.88%, demonstrating significant result achieved through improved waste management and refined disposal.

Energy Management



- ✓ From 2021 to 2024, LCY Technology saved 32,449,362 kWh of electricity by using CSC waste heat steam. Based on Taiwan' s average household electricity consumption of 381 kWh in August, this is equivalent to the summer electricity demand of 85,000 households.

Carbon Emissions Management



- ✓ From 2022 to 2024, LCY Technology continued to improve carbon emissions management, achieving year-on-year reductions in greenhouse gas emissions by 11.5%, 15.4%, and 25.2%, respectively.

Production Management



- ✓ LCY Technology (LCYT) collaborates with the LCY AI team to utilize AI in analyzing processes and product information, establishing a prediction model that can predict production quality in real time and provide optimal operating conditions. The AI model undergoes continuous self-learning to improve quality stability. These measures strengthen data-driven decision-making logic, information visualization, report automation, and real-time process monitoring, further improving product yields and the Company's profitability.

Social Aspect



- ✓ For six consecutive years, LCY Technology has participated in the Kaohsiung Environmental Protection Bureau' s "Kaohsiung Air Quality Purification Zone Management Program," demonstrating the Company' s commitment towards improving air quality and creating a healthier living environment for local communities.
- ✓ For Mid-Autumn Festival in 2024, LCY Technology purchased mooncakes from the Children Are Us Foundation and provided them to employees as holiday gifts to express care and support for employees while also promoting social welfare.

Governance



- ✓ To strengthen corporate governance mechanisms, improve HR management efficiency, and align with long-term strategic goals, the Company' s Board of Directors formally passed a resolution in 2024 approving the issuance of the Company's first employee stock option certificate. The decision was made in accordance with relevant laws and regulations and submitted to the Board of Directors for review and approval, fully demonstrating the Board's commitment to a transparent employee remuneration system and the Company's sustainable development. The issuance of employee stock option certificates aims to establish a robust incentive mechanism that encourages key talents to grow with the Company, further improving the Company's overall operating performance and shareholder value.



0.3 Materiality Issues and Analysis

In 2021, LCY Technology's Corporate Governance Department led the Company's first analysis of materiality issues. The analysis and assessment of materiality issues enables LCY Technology to understand sustainability issues that shareholders are concerned about, and organize sustainability issues into ESG Reports to be published externally. The Company also incorporates the spirit of enterprise risk management (ERM) into its sustainable governance foundation. For the 2024 ESG Report, since the reporting boundaries remained consistent with those of 2021, with no material changes, the existing materiality matrix analysis results have been retained as the basis for materiality assessment and stakeholder communication.

I. Materiality Assessment Procedures

In the process of promoting sustainability, LCY Technology values the expectations and needs of internal and external stakeholders. Therefore, the Company has established a systematic materiality analysis process with reference to the GRI Standards.

The **first step** is to identify and define 8 categories of major stakeholders, including: shareholders/investors, customers, banks, employees, suppliers, government agencies, society (communities, schools, NGOs/non-profit organizations), and the media. The selection of these eight key stakeholder categories is based on the importance and level of interaction of each stakeholder category. Stakeholders with higher significance and interaction were prioritized, and a specific proportion was applied to determine the candidate list and number of key stakeholders.

Subsequently, the Company selected internationally recognized sustainability disclosure frameworks and standards, including the GRI Standards issued by the Global

Reporting Initiative (GRI), the Sustainability Accounting Standards Board (SASB) indicators for “Electrical & Electronic Equipment” and “Metals & Mining” within its 77 industry categories, and the 17 United Nations Sustainable Development Goals (SDGs), and referenced topics of concern to industry peers in the Taiwan Stock Exchange (TWSE) and Dow Jones Sustainability Indices (DJSI) to compile 65 ESG sustainability topics for further analysis.

The **second step** is to determine the priority of each topic. After repeated discussions within LCY Technology's “ESG Sustainability Strategy Preparatory Meeting,” the Company assessed the 65 identified ESG sustainability topics for their potential positive or negative impacts. These topics were then consolidated based on similarity into 19 material topics that were then used to develop a survey. Following the two major principles of “stakeholders' level of concern” and “impact on operations,” the Company distributed online and paper surveys to our eight categories of major stakeholders, conducting surveys on their levels of concern. Finally, by applying weighted parameters based on actual operational conditions, regulatory requirements, and international practices, the Company drew up a materiality matrix, which was used to structure the chapters and content of the 2024 ESG Report.

Analyzing materiality issues and communicating with stakeholders are the first steps the Company takes to implement corporate sustainability and corporate social responsibility. Through the publication of ESG Reports, the Company has established transparent, effective, and timely multi-directional communication channels with stakeholders. In addition, the Company incorporated ESG materiality analysis results into risk management (ERM), demonstrating how it implements risk mitigation measures to build a resilient organization.

1 Identify Communication Targets

8 major stakeholder categories

- Shareholders/Investors
- Bank
- Suppliers
- Society (communities, schools, NGOs/non-profit organizations)
- Customers
- Employees
- Government units
- Media

2 Gather and Select Materiality Issues

Gathered 65 sustainability topics

Compiled topics from international sustainability standards and frameworks (GRI Standards, SDGs, SASB, TCFD, UN Global Compacts), sustainable investment institutions (CDP, DJSI, MSCI ESG Index, SDGs Invest), internal development goals, and communication with stakeholders.

3 Survey the Level of Concern

19 priority topics and 167 surveys

LCY Technology' s Preparatory Committee discussed and consolidated the topics into 19 priority topics. The surveys were distributed to the following: 38 copies to shareholders and investors, 9 to customers, 10 to banks, 53 to employees, 4 to suppliers, 21 to government agencies, 15 to local communities, and 17 to the media.

4 Develop a Materiality Matrix

12 topics of concern and reporting topics

Based on the stakeholder concern survey results and analysis of operational impacts, the Company developed a materiality matrix to identify, analyze, and discuss each ESG topic. The Company also incorporated its sustainable value creation process diagram to discuss the relevance and impacts of each topic. Finally, the topics were consolidated into 12 materiality issues and integrated into the chapters and contents of the ESG Report.

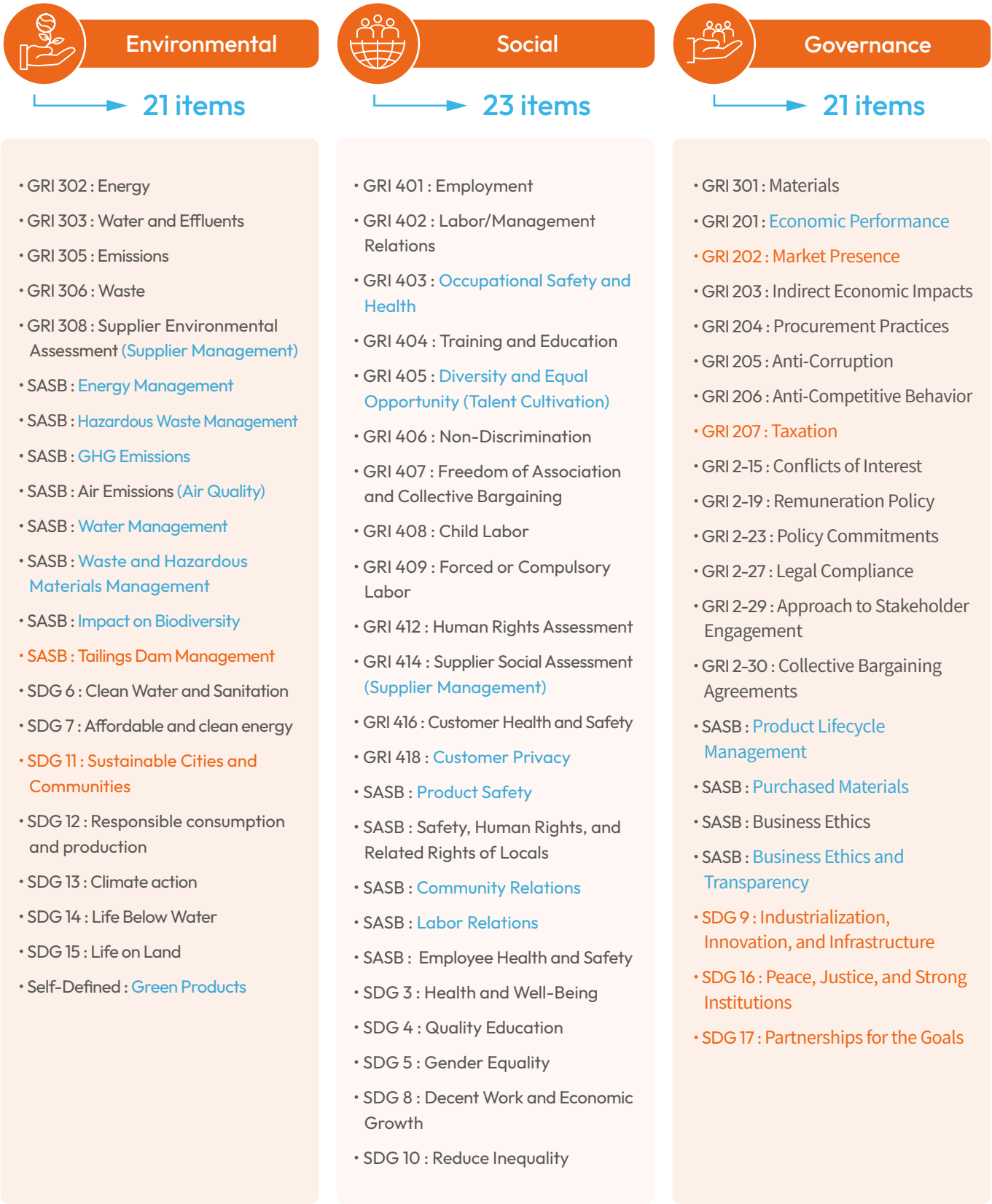
5 Decide on Boundaries and Content

GRI+SASB+IR Frame work+TCFD

Environmental protection, green copper foil products, employee care, customer service, supplier management, and shared social value form the disclosure boundaries of our sustainability information. In line with requirements of the SASB Sustainability Standards and GRI Standards, this report discloses the current status of material issues, as well as management approaches for the Company' s short-, medium-, and long-term goals.



A total of 65 material topics of concern were selected based on the GRI Standards, SASB Standards, and SDGs, and were categorized based on their ESG aspects:

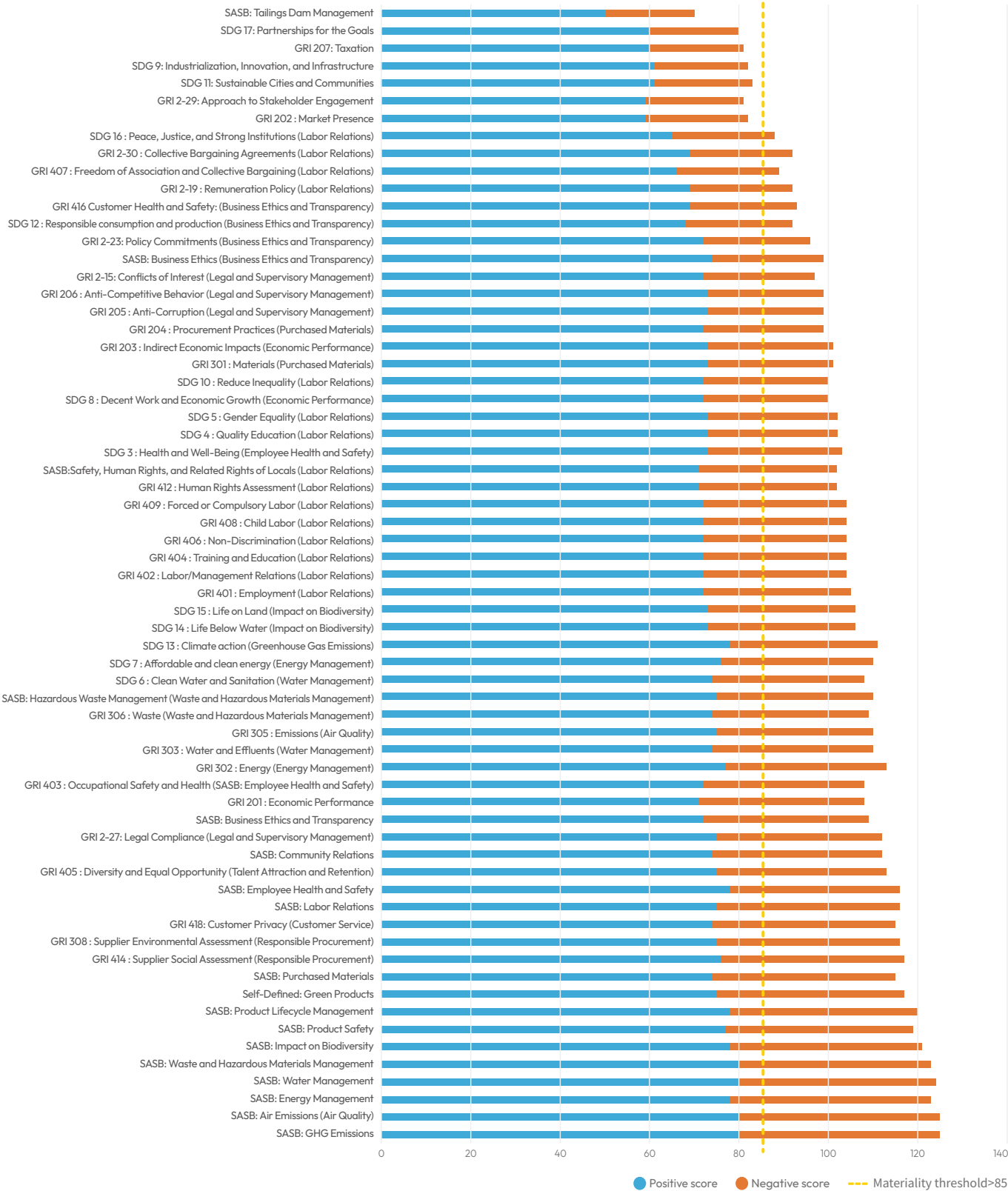


Note: The items in orange are 7 issues that were excluded in the impact assessment. The items in blue are the 19 material topics of concern that were selected.

Impact Analysis of Material Issues of Concern

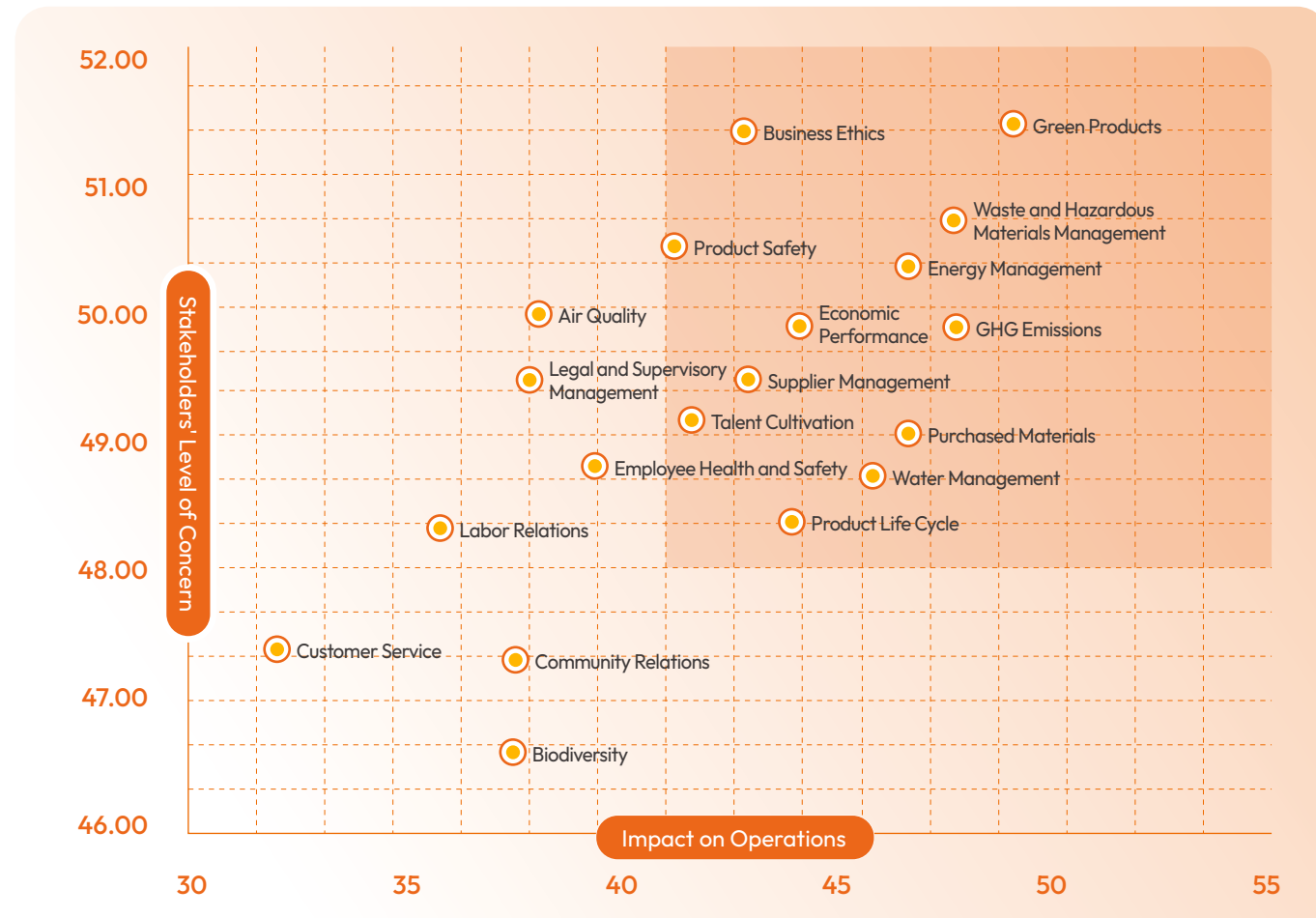
The ESG Sustainability Task Force evaluated the material topics of concern through a double materiality perspective. From the degree of impact on the Company's operational development, performance, environment, society, and corporate value, as well as the impacts that the Company's activities have on the economy, environment, and society. Each topic was evaluated for its potential positive and negative impacts. The evaluation results are shown in the figure below. The impact chart of material topics of concern shows that a total of 58 material topics were screened and classified into the Company's 19 material topics of concern.

Impact of Material Issues of Concern



II. Materiality Issues Matrix

LCY Technology has set management targets for each material ESG topic. The ESG Committee regularly reviews the implementation rate of annual targets to serve as a foundation for adjustments to the Company's various ESG projects in the following year, and discloses their findings in the annual ESG Report, conveying LCY Technology's commitment and progress towards ESG to the public.



Note 1: Orange → Topics of Most Concern, Pale Orange → Topics of Secondary Concern, White → Topics of Less Concern

Note 2: 12 material topics of concern were established based on operational impact and stakeholder concern.

III. Value Chain Relationship

Based on the stakeholder concern survey results and analysis of operational impacts, the Company developed a materiality matrix to identify, analyze, and discuss each ESG topic. The Company also incorporated its sustainable value creation process diagram to discuss the relevance and impacts of each topic. Finally, the topics were consolidated into 12 materiality issues and integrated into the chapters and contents of the ESG Report.

Material Topics	Value Chain								Corresponding GRI Standards	Corresponding SASB Indicators	Corresponding Chapters/Sections
	Shareholders /Investors	Customers	Bank	Employees	Suppliers	Government units	Society	Media			
Environmental Concerns	Green Products								GRI 301-2	RT-EE-250a.1 RT-EE-250a.2 RT-EE-410a.1 RT-EE-410a.2	0.1 Sustainable Value Creation Flowchart Chapter I. Green Copper Foil and Electronic Materials
	Waste and Hazardous Materials Management								GRI 306-1 GRI 306-3 GRI 306-4 GRI 306-5	RT-EE-150a.1 RT-EE-150a.2 EM-MM-150a.7 EM-MM-150a.8 EM-MM-150a.9	1.4 Waste Management 1.5 Life Cycle Management and Product Safety
	Energy Management								GRI 302-1 GRI 302-3	EM-MM-130a.1	1.2 Energy Management
	GHG Emissions								GRI 305-1 GRI 305-2 GRI 305-4	EM-MM-110a.1 EM-MM-110a.2	1.1 Greenhouse Gas and Air Quality Management
	Water Management								GRI 303-1 GRI 303-2 GRI 303-3 GRI 303-4 GRI 303-5	EM-MM-140a.1 EM-MM-140a.2	1.3 Water Resource Management
	Product Life Cycle									RT-EE-410a.1 RT-EE-410a.2 RT-EE-410a.3 RT-EE-440a.1	1.5 Life Cycle Management and Product Safety
	Product Safety								GRI 416-1 GRI 416-2	RT-EE-250a.1 RT-EE-250a.2 RT-EE-410a.1 RT-EE-410a.2	1.5 Life Cycle Management and Product Safety
Social Aspect	Supplier Management								GRI 308-1 GRI 308-2 GRI 414-1 GRI 414-2 GRI 409-1	EM-MM-000.B	2.2 Supply Chain Management
	Purchased Materials								GRI 204-1	RT-EE-440a.1	2.2 Supply Chain Management
	Talent Cultivation								GRI 404-1 GRI 404-2	RT-EE-000.B EM-MM-310a.1 EM-MM-310a.2	2.1 Talent Management
Governance	Business Ethics								GRI 205-2 GRI 205-3	RT-EE-510a.1 RT-EE-510a.2 RT-EE-510a.3 EM-MM-510a.1 EM-MM-510a.2	2.2 Supply Chain Management 3.3 Risk Management and Tracking
	Economic Performance								GRI 201-1	RT-EE-000.A RT-EE-000.A	3.2 Operational Finance

Material Topics and Management Approaches

Material Topics		Why it is material to LCY Technology	Management Approach	
Environmental Concerns	Green Products	Green products not only enhance the Company's environmental image but also enable the sustainable use of resources, meeting the growing consumer demand for environmentally friendly products.	LCY Technology uses 100% recycled copper wire as raw materials. Through energy conservation and green power, water conservation and reclaimed water resources, as well as process innovation and waste reduction, the Company strives to recycle, regenerate, and return every raw material and energy resource back into production processes as much as possible.	
	Waste and Hazardous Materials Management	Reducing waste generation and the use of hazardous materials can help reduce environmental pollution and enforcement risks, while also reducing disposal costs and improving resource utilization efficiency.	Starting with reducing usage at the source, the Company optimizes processes to enable recycling, ultimately aiming for zero emissions.	
	Energy Management	Establishing green power and power conservation management policies allows the Company to support the development of global renewable energy, improve energy efficiency, and reduce overall energy costs.	1. Set up green power (solar power) two years ahead of government requirements. 2. Implement energy-saving management through equipment upgrades and process optimization. 3. Integrate waste energy resources from other plants (CSC waste heat steam.)	
	GHG Emissions	Advancing toward carbon neutrality aligns the Company with global trends and government policies, while also boosting its competitiveness and brand value in the international market.	Advance towards carbon neutrality by 2050. 1. Carbon footprint - calculated for all products by the end of 2022. This includes third-party carbon footprint verification and the implementation of a GHG management knowledge system. 2. Net zero 6R strategy: In line with the government's "Taiwan's Pathway to Net-Zero Emissions in 2050" initiative announced at the end of March 2022, the Company has made relevant plans before production volume continues to increase and revenue continues to grow.	
	Water Management	Increasing water recycling rates not only protects water resources but also reduces water usage costs and helps prevent potential water shortages.	1. Increase the use of reclaimed water. 2. Increase recycled water circulation rate. 3. Increase the reuse rate of cooling tower discharge water.	
	Product Life Cycle	Product life cycle management is a crucial part of operations. Through supplier management, avoiding conflict minerals, and chemical safety, LCY Technology can reduce legal risks, protect the environment, enhance brand reputation, and promote sustainable development.	Product Lifecycle Management: Throughout the lifecycle of each product, LCY Technology implements lifecycle management across three major dimensions, providing customers with relevant application solutions. 1. Supplier management 2. Conflict minerals avoidance 3. Chemical safety management	
	Product Safety	Meeting international product safety standards enhances market competitiveness and reduces the potential negative environmental impacts of the Company's products.	1. Use 100% discarded cables as raw materials. 2. Reduce chemical use and process sludge through process optimization. 3. Conduct SGS third-party verification every year to ensure compliance with international regulations such as RoHS, PoHS, REACH, TSCA, and SONY, and proactively perform self-assessments in line with the IEC 62474 specification.	
	Supplier Management	By evaluating and managing suppliers, the Company ensures supply chain stability and product quality while meeting environmental protection and social responsibility requirements.	1. Established the "Supplier Assessment and Management Procedures" 2. Conduct "customer satisfaction surveys" every year	
Social Aspect	Purchased Materials	Ensuring comprehensive supplier management allows the Company to maintain sustainable and legally compliant supply chain operations.	During procurement, supplier (contractor) management is conducted based on five aspects: (1) quality management, (2) manufacturing capability, (3) testing equipment, (4) environmental management, (5) social responsibility.	
	Talent Cultivation	Improving employees' quality of work and life enhances talent retention, job satisfaction, and productivity, fostering a positive corporate culture.	Provide comprehensive care for employees	
			Work	Life
Governance	Economic Performance	Maintaining good financial health and economic performance ensures the Company's sustainable development, attracts investors, and reduces financial risks.	1. Provide products with high quality and stability, and track customer satisfaction. 2. Manage hedging by paying close attention to international financial conditions, paying close attention to changes and trends in interest rates and exchange rates, maintaining good relationships with banks, balancing foreign currency assets and liabilities, utilizing derivative financial instruments, and adjusting cash flow currencies. 3. Carry out comprehensive tax management in accordance with government tax regulations, with honest tax declaration and payment.	
	Business Ethics	Establishing and implementing business ethics agreements reduces legal risks and improves the Company's reputation and trustworthiness.	1. AML/CFT Commitment 2. Integrity Commitment 3. Anti-corruption and antitrust related documents 4. Trade sanction list inquiry system	

IV. Stakeholder Communication and Topics of Concern

Through inter-departmental discussions and considering the Company's operational characteristics, eight categories of major stakeholders were identified and defined, with their opinions or topics of concern then collected, including: shareholders/investors, customers, banks, employees, suppliers, government agencies, society (communities, schools, NGOs/non-profit organizations), and the media.

● Stakeholder inclusion: Communicate with stakeholders and respond to their reasonable expectations

Stakeholders	Communication Method	Communication Frequency	Topics of Concern ^(Note 1)
Shareholders/ Investors	Shareholders Meeting	Once a year	• Waste and Hazardous Substances • Energy Management • Water Management Strategy • Product Life Cycle • Product Safety • Business Ethics (Anti-Corruption/ Anti-Bribery) • Economic Performance
	Institutional investors' conference	Once a year	
	Financial Performance Report	Quarterly	
	Company Annual Report	Once a year	
	Sustainability Report	Once a year (As requested by the FSC)	
	Face-to-face meetings or telephone communication	When necessary	
Customers	Product consultation	Project-based	• GHG Emissions • Water Management • Product Life Cycle • Supplier management • Purchased Materials • Cultivate talent, diversify recruitment and retention, and provide equal employment opportunities • Business Ethics and Transparency • Economic Performance
	Satisfaction survey	Year	
	On-site customer audits	When necessary	
	Face-to-face meetings, video conferencing, phone calls, or e-mail communication	When necessary	
Bank	Meetings	When necessary	• Green Products • Energy Management • Business Ethics and Transparency • Economic Performance
Employees	Labor management meetings	Quarterly	• Green Products • Waste and Hazardous Substances • Energy Management • GHG Emissions • Purchased Materials • Cultivate talent, diversify recruitment and retention, and provide equal employment opportunities • Business Ethics and Transparency
	Employee Welfare Committee	Quarterly	
	Occupational Safety and Health Committee	Quarterly	
	Health examinations	Once a year ^(Note 2)	
	One-on-one consultation service	When necessary	
	Complaint mailbox	When necessary	
	Internal campaigns: E-mails, posters, electronic bulletin boards	When necessary	
Suppliers	Major supplier reviews	Semiannually	• Waste and Hazardous Substances • GHG Emissions • Product Life Cycle • Product Safety • Supplier management • Purchased Materials • Business Ethics and Transparency • Economic Performance
	New supplier audits	When necessary	
Government units	Correspondence	When necessary	• Waste and Hazardous Materials Management • Energy Management • GHG Emissions • Water Management • Product Safety • Business Ethics and Transparency • Economic Performance
	Factory visits	When necessary	

Stakeholders	Communication Method	Communication Frequency	Topics of Concern ^(Note 1)
Society (communities, schools, NGOs/ non-profit organizations)	Meetings	When necessary	<ul style="list-style-type: none">Green ProductsEnergy ManagementBusiness Ethics
	Factory visits from outside groups like local community residents or school groups	When necessary	
Media	Interviews (in-person, written, over the phone)	When necessary	<ul style="list-style-type: none">Green ProductsWaste and Hazardous SubstancesEnergy ManagementGHG EmissionsBusiness Ethics and Transparency

Note 1: The topics of concern are primarily based on substantive feedback from stakeholders collected through the survey.

Note 2: Employee health examinations are conducted for Taipei employees once every two years in accordance with the Occupational Safety and Health Act, and once a year for employees aged 65 and above.

0.4 Practicing Sustainable Governance



I. Sustainable Governance and Organization

In accordance with the GRI Standards and SASB Standards, LCY Technology has conducted comprehensive reviews and analyses of its corporate ESG data. The Company continues to pay attention to the external environment and internal operating conditions, and has set short-term, mid-term, and long-term sustainable development goals to enhance corporate culture while achieving performance goals and promoting sustainable development.

This issue has been submitted for discussion in a dedicated session with the President, during which departmental responsibilities, short- and medium-term carbon reduction strategies, and principles for estimating carbon costs were clearly stipulated to ensure the Company can quickly and effectively respond to future tax expansion or the introduction of carbon trading systems. In the future, this issue will also be included in regular reports to the Board of Directors to ensure that the governance level is fully aware of related risks and resource allocations.

The Corporate Governance Task Force has reported two material events to the highest governance body, covering financial and operational aspects, including:

- Response to carbon tax policy and reporting progress
- A capital expenditure plan for production equipment upgrades under the energy transition

In addition, the Corporate Governance Task Force also convened several strategic meetings to focus on core issues such as climate change, carbon fee policies, and supply chain carbon reduction strategies. The task force is committed to continuously improving the governance's understanding and ability to respond to challenges and opportunities.

LCY Technology uses a matrix organizational structure to integrate departmental resources and expertise. This promotes inter-departmental collaboration and resource sharing, ensuring ESG strategies are implemented while pursuing short, medium, and long-term goals. The Company also promises to regularly disclose major ESG issues to investors, shareholders, and all stakeholders, continually reviewing and optimizing strategies to strengthen its sustainable competitiveness in the global market.

II. Sustainable Strategy

“Developing green copper foil,” “upholding corporate core values,” and “developing competitive production processes” are the three core strategies of LCY Technology that drive its six key process and technology innovations. In line with international sustainable development trends, the Company implemented the 6R principles (recycle, reduce, replace, repurpose, recovery, renewable) as an important basis for resource allocation and strategies. By reviewing overall operations, the Company seeks long-term growth momentum in ESG risks and opportunities, and implements corporate sustainable governance.



Through this sustainability strategy framework, LCY Technology is committed to improving its overall resilience and sustainability competitiveness, advancing towards the vision of environmental friendliness and social co-prosperity.



Strategy

Develop green copper foil and low carbon footprint electronic materials

Develop key processes and technologies to enable smart living for all.

Create long-term value

In line with the core values of safety and health, honesty and integrity, embracing responsibility, value co-creation, and continuous improvement, the Company is committed to the development of next-generation products.

Exert positive influence

Develop competitive production processes and exert positive influence through social and environmental impacts.

Main theme

- Electrochemical deposition and formulation technology
- Recycled copper and environmentally friendly raw materials
- Smart manufacturing and AI
- Green power and operational excellence
- Water resource recycling and reduction
- 6-Sigma quality control and decision-making

- Comprehensive employee care - trust, respect, and diversity in the workplace
- Comprehensive culture of safety - safety as the foundation of the organization
- Responsible procurement - connect the upstream and downstream to create a green industry chain - link upstream and downstream relationships
- Fulfill corporate social responsibility - shared socioeconomic benefits

- Following extreme climate events caused by global warming, respond and adjust to energy and water resource challenges.
- The demand for electronic materials has grown sharply with the development of technologies like smart living, the Internet, and 5G communication.
- Dynamically adjust governance strategies in response to demographic changes, including an aging population and declining birth rates altering social structures.

Sustainable Roles

✓ A Trustworthy Green Electronics Materials Manufacturer

✓ A user of affordable clean energy

✓ A practitioner of responsible consumption and production

✓ An employer that treats employees like family and values professionalism

✓ A promoter of safety culture

✓ An active participant in giving back to society

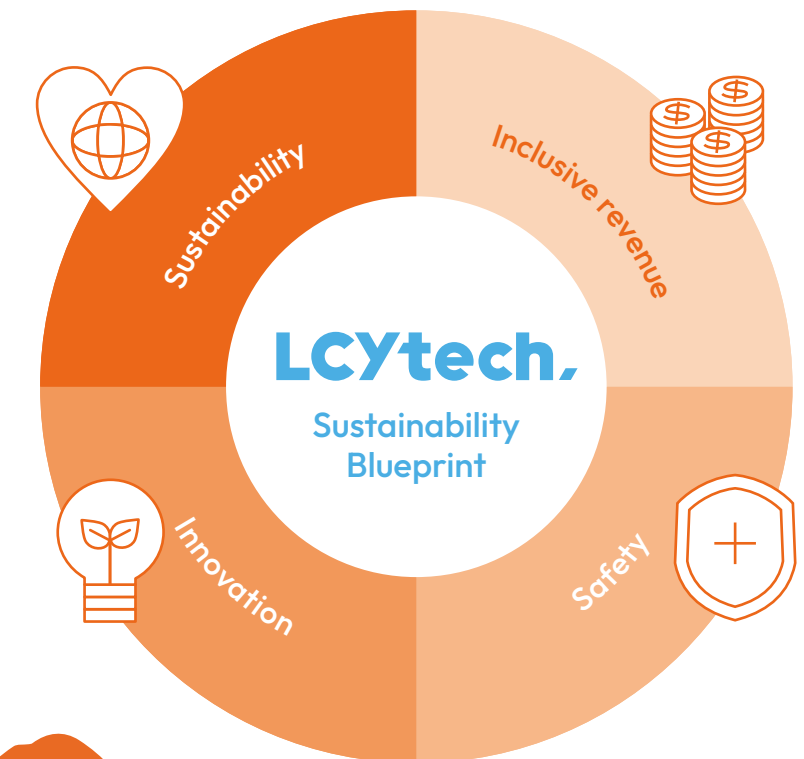
✓ A guardian taking action to protect the Earth from global warming

✓ Manufacturer of green materials

✓ Co-creator of sustainable cities

III. Sustainability Blueprint

The United Nations promotes the Principles for Responsible Investment (PRI) through ESG, while national pension funds worldwide encourage companies to improve ESG performance to secure long-term benefits. This has fostered an inter-connected ecosystem of institutional investors, policymakers, regulators, and civil society that supports corporate ESG reporting.



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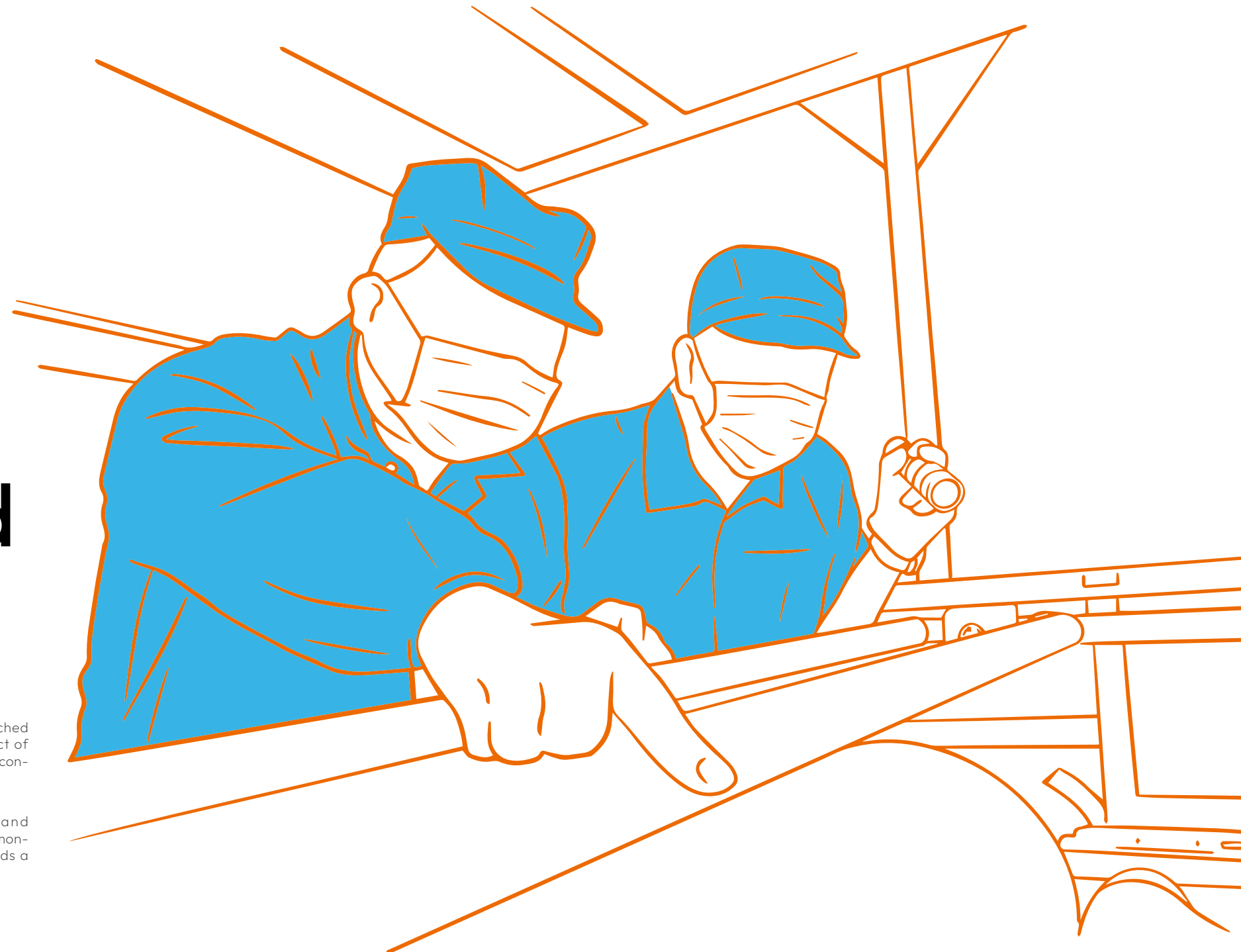
Green Copper Foil and Electronic Materials

100% | 100% use of CSC waste thermal steam for energy reuse.

100% | 100% use of recycled discarded cables to reduce carbon emissions and damage to nature.

88% | Reclaimed water usage reached 88.29%, reducing the impact of extreme weather events and conserving water resources.

51% | 51.88% waste reduction and 84.03% waste reuse rate, demonstrating commitment towards a green environment.



- Green Products
- Water Management
- Waste and Hazardous Materials Management
- Product Life Cycle
- Energy Management
- Product Safety
- GHG Emissions

1.0 TCFD Climate Risks and Adaptation

In accordance with the disclosure framework recommended by the Task Force on Climate-related Financial Disclosures (TCFD), the Company conducts financial assessments of the impacts of climate change-related risks and opportunities across four key aspects: governance, strategy, risk management, and indicator targets. Based on these assessments, the Company then formulates executive strategies and implements management to respond effectively.


I. Governance

In Q4 of 2021, LCY Technology established its ESG Sustainable Development Task Force, chaired by the President, and subsequently set up the “TCFD Climate Change Adaptation Task Force” under its jurisdiction. The organizational structure is detailed in Section 0.4, Practicing Sustainable Governance. In accordance with the industry indicators provided by the US Sustainability Accounting Standards Board (SASB), the task force discussed 34 ESG sustainability issues and settled on 5 major issues: “GHG Emissions” , “Energy Management” , “Water Resource Management” , “Waste Management” , and “Life Cycle Management and Product Safety” . Through weekly “ESG routine meetings” convened by the President, the TCFD Climate Change Adaptation Task Force reviews past performance and sets short-, medium-, and long-term management trajectories (see Chapter 1 for the short-, medium-, and long-term goals for each of the five major climate issues).

II. Strategy


Since Q1 of 2022, LCY Technology has referenced the TCFD framework and the Carbon Disclosure Project (CDP) to select climate-related issues that are applicable to the Company, gathering relevant case studies from around the world to formulate a “Climate Risks and Opportunities Survey” for stakeholder opinions. The Company also conducts climate scenario analysis to assess the financial impacts of climate-related physical and transition risks and opportunities based on relevant regulations and scientific research. The assessment covers “timeframe of impact” , “likelihood of impact” , and “magnitude of impact” , fully identifying risk and opportunity factors and proposing the most cost-effective climate change adaptation solutions to properly address impacts.

The Company focuses on five major issues: “GHG Emissions” , “Energy Management” , “Water Resource Management” , “Waste Management” , and “Life Cycle Management and Product Safety” .




1.

The Company's strategies and actions are as follows: Stay informed about domestic and global carbon disclosure and trading developments: Since 2022, LCY Technology has carried out GHG inventories, management, and reduction in accordance with ISO 14064-1:2018 to comprehensively measure the value of carbon reduction and related costs. The Company has also completed the calculation and verification of the carbon footprint of copper electrolysis (12μm) products for printed circuit boards in accordance with ISO 14067 to meet the reduction and disclosure needs of both government regulations and customer expectations.




2.

Introduce reclaimed water to ensure adequate water use during droughts: Since 2021, in cooperation with government initiatives and industrial park projects, the Company has recycled and reused municipal wastewater in the Kaohsiung area. As global warming continues to intensify, abnormally high temperatures and droughts have increased in frequency. Since 2022, the Company has incorporated the use of reclaimed water in its production processes to prevent operational disruptions caused by water shortages under extreme climate conditions.




3.

Promote the green product premium in the industry chain. The Company uses 100% recycled copper wire as raw materials to provide high-quality and highly stable green copper foil. In 2023, it obtained the UL 2809 recycled content certification for copper foil products. Going forward, the Company will continue to communicate with customers to launch more environmentally friendly product specifications.



4.

Renewable energy diversification assessment: Since 2021, all rooftops of the Kaohsiung plant have been equipped with solar panels. In the future, the Company will continue to evaluate diversified access to renewable energy.



5.

Continue to optimize green technologies: To reduce the impact of climate change on operations, the Company plans to reduce GHG emissions, improve energy and resource utilization efficiency (energy conservation, electricity conservation, and water resource reuse), and continue evaluating the feasibility of purchasing renewable energy or other emerging energy sources with the goal of “net zero emissions” , seeking opportunities in the face of climate change. For details on the Company’ s management approaches, as well as its short-, medium-, and long-term goals, please refer to Chapter 1, “Green Copper Foil and Electronic Materials”.

III. Climate Risk Scenario Analysis

In line with TCFD recommendation guidelines, the Company conducts scenario analyses using the most severe cases within transition and physical risk categories, incorporating the most adverse outcomes into its resilience and adaptation strategies. Transition risks are assessed with reference to the International Energy Agency (IEA) Stated Policies Scenario (STEPS) and Net Zero Emissions Scenario (NZE) to analyze the potential impacts that policies and environmental conditions can have on the Company's market, technology, reputation, operations, and finance.

Physical risks are assessed using information from the “National Climate Change Science Report 2024: Phenomena, Impacts, and Adaptation” , the Taiwan Climate Change Projection Information and Adaptation Knowledge Platform (TCCIP), climate-related disaster risk data from the National Science and Technology Center for Disaster Reduction, and the Kaohsiung City Flood Protection Plan. Projections and analyses under scenarios such as RCP1-2.6 and RCP5-8.5 are conducted for the near future (2020–2040), focusing on temperature rise, rainfall, flooding, and drought. For sea level and tidal data, the GWL 2° C scenario is used as a reference for near-future scenarios.

Scenario	IEA STEPs	IEA NZE
Description	With no changes to current policies and regulations, and minimal changes in the activities of various sectors and enterprises, future emissions are expected to remain roughly the same as present levels, making it unlikely to achieve net-zero emissions by 2050.	To limit the rise in the global average temperature to no more than 1.5°C above pre-industrial levels by the end of the century, net zero emissions must be achieved before 2050. Global energy sectors need to improve technological feasibility while ensuring cost-effectiveness, maintaining stable economic development and energy supply, and reducing reliance on fossil fuels. In line with the requirements of the Paris Agreement and COP26, the Taiwanese government revised the Climate Change Response Act in 2023, and set Taiwan's long-term carbon reduction goal at net zero emissions by 2050.
Temperature Rise in the Near Future	-2.5 ° C	-1.5 ° C

Scenario	SSP1-2.6	SSP5-8.5
Description	In the low-emission scenario, technological advancements lead society's progress towards sustainability. Carbon emissions have decreased, but targets fall short of expectations, with net-zero anticipated to be achieved by 2075.	The economy grows rapidly but remains highly dependent on the development of fossil fuels and energy-intensive industries, with the government implementing virtually no climate management or control policies. Society maintains high emissions intensity, and total greenhouse gas emissions are projected to double by 2050.
Temperature Rise in the Near Future	-2 ° C	> 4 ° C



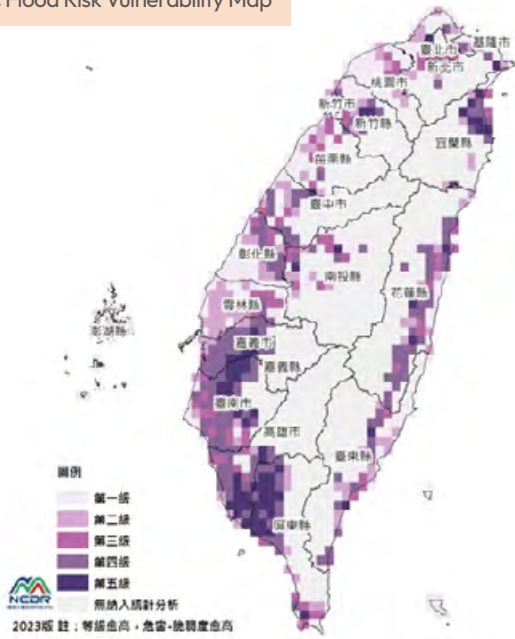
Scenario analysis for the near future (2020-2040): Under the RCP5-8.5 scenario, the projected conditions for the location of LCY Technology's copper foil plant are as follows:

Temperature rise	+0.7~3 °C
Annual rainfall	1752~1825 mm/year
Maximum consecutive dry days	6~8 weeks
Sea level rise	Not impacted

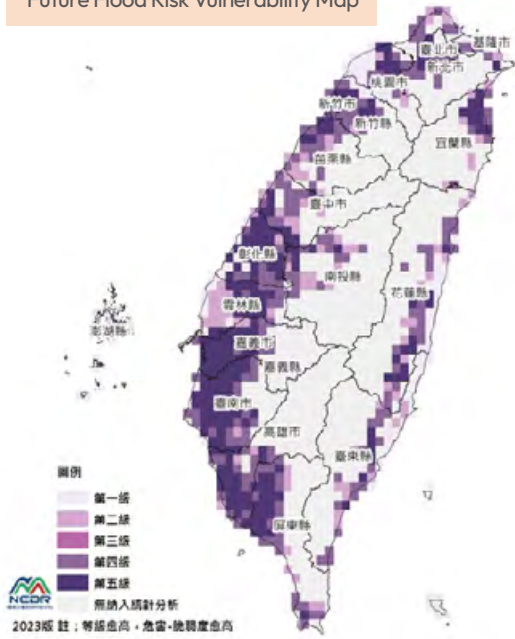


According to Appendix 6 of the Kaohsiung City Flood Protection Plan on potential flood zones, although LCY Technology' s copper foil plant is not located in a designated flood-prone area, there have been significant flooding incidents in the surrounding areas within the past three years. Based on assessments made according to the Disaster Risk Adaptation platform, LCY Technology' s copper foil plant is classified as havina level 5 flood vulnerability.

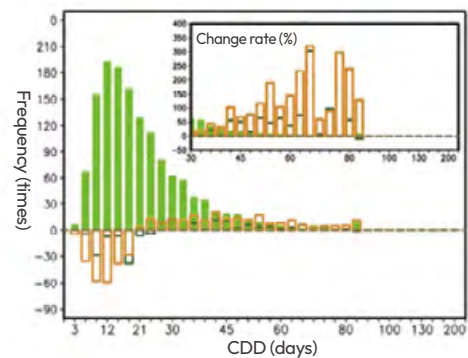
≡ 1° C Flood Risk Vulnerability Map



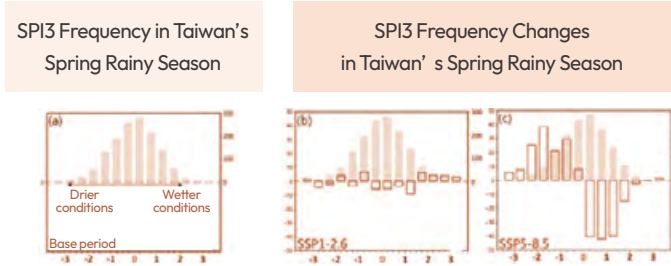
Future Flood Risk Vulnerability Map



Classified based on the longest consecutive drought days (CDD). According to the latest climate model, under the SSP5-8.5 scenario, the frequency of consecutive dry days (CDD) exceeding 21 days across Taiwan is expected to increase. Analysis based on the SPI3 standard rainfall indicator shows that, as warming intensifies, the frequency of positive SPI values (wetter conditions) will decrease, while the frequency of negative SPI values (drier conditions) will increase, indicating a trend towards more drought-prone conditions.



Analysis of CDD in spring in the southern region under the SSP5-8.5 scenario showed a decrease of CDD under 45 days and an increase in CDD over 45 days, which is indicative of an intensification of droughts in the spring.



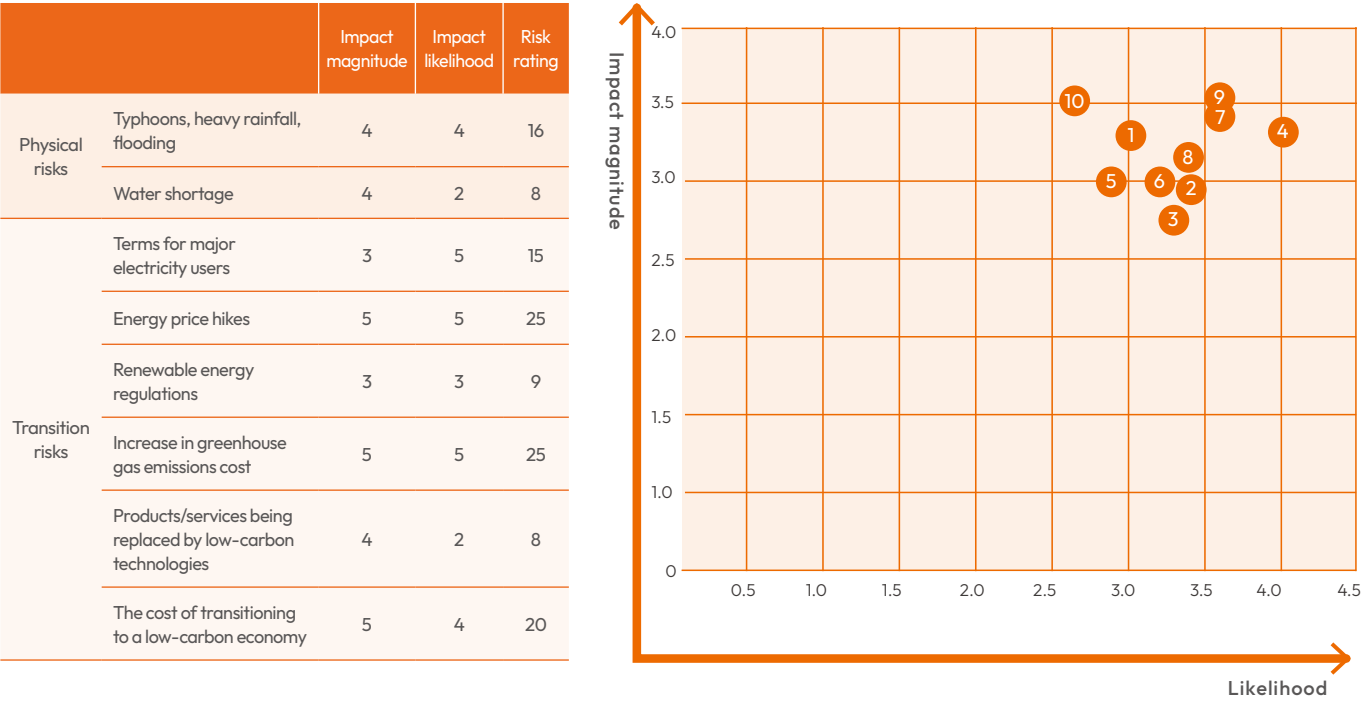
IV. Climate Change Risk Management

Based on the “timeframe of impact” , “likelihood of impact” , and “magnitude of impact” , LCY Technology identified its top three climate change risks as “cost of transition to a low-carbon economy” , “rising energy prices” , and “increase in greenhouse gas emissions costs” . When categorized by risk type, the risks with both high impact and high likelihood are concentrated in the transition risks related to policies and regulations and the market, indicating that the imminent implementation of Taiwan's carbon fee and the EU's carbon border tax may directly affect market prices and competitiveness.

Climate Change Risk List

Risk Category	Risk Ranking	Issue	Risk Rating	Impact on the Company	Response Strategies and adaptation measures
Physical Risks	4	Typhoons, heavy rainfall, flooding	16	1. The number of typhoons decreased but the intensity of typhoons increased. Heavy rainfall caused by typhoons causes flooding in plants, even resulting in shutdowns in severe cases. 2. Strong winds damage plant facilities	1. Set up task forces to conduct inspections ahead of typhoons to reduce the impact of disasters. 2. Strengthen on-site facilities to avoid damage caused by strong winds. 3. Strengthen on-site infrastructure such as drainage systems and facility reinforcement. 4. Purchase insurance for plant equipment to reduce the financial impact of disasters.
	7	Water shortage	8	As the number of days without rain during the dry season increases, so does the frequency of droughts.	1. Improved on-site water storage facilities and upgraded cooling towers or other water-consuming equipment within the plant to reduce losses. 2. Expanded water sources by utilizing reclaimed wastewater, process water, and steam condensate to reduce the risk of over-reliance on a single water source. Continued to stay informed of water conditions in the water intake basins to enable early response measures such as arranging for water trucks in advance. 3. Strengthen on-site water recycling capabilities to reduce water intake from third parties.
Transition Risks	5	Terms for major electricity users	15	The Ministry of Economic Affairs has drafted the "Regulations on Setting Energy Conservation Targets and Implementation Plans for Energy Users from 2025 -2028", which was officially announced on October 14, 2024. Under these regulations, energy users with a contracted electricity capacity of 801 to 10,000 kW must maintain an average annual energy-saving target of 1%; energy users with a contracted electricity capacity of over 10,000 kW shall increase their average annual energy-saving target to 1.5%. Major electricity users will be required to implement company-wide energy conservation targets within the next 4 years. That is, companies will be required to implement energy conservation measures across all subsidiaries and facilities. The government plans to include electricity saving measures in tax incentives. If the electricity saving target is not achieved, a fine of NT\$20,000 to NT\$100,000 will be imposed, and improvements must be made within a time limit.	Formed a task force to identify the energy-saving potential of on-site facilities and equipment, sharing technical information with other companies within the Group, gradually replacing facilities to improve energy efficiency.
	1	Energy price hikes	25	Electricity prices increased again in October 2024, with an average increase of 12.5%, and a 14% increase for major electricity users.	
	6	Renewable energy regulations	9	In 2021, the “Renewable Energy Development Act” was promulgated and implemented. As the Company's contracted electricity capacity exceeds the regulatory threshold of 5,000 kW, it is obligated to either install green energy facilities equivalent to 10% of its contracted capacity or purchase renewable energy to meet the 10% requirement. Otherwise, the Company will be required to pay a substitute fee of NT\$4 per kWh.	Signed the “Renewable Energy Power and Certificate Purchase Agreement” with Chuan Li Cheng Power Company that came into effect in 2023.
	1	Increase in greenhouse gas emissions cost	25	1. In January 2023, the Legislative Yuan passed the “Climate Change Response Act” , and the “Regulations Governing the Collection of Carbon Fees” under the Act were promulgated and implemented in August 2024. As LCY Technology's annual greenhouse gas emissions over the years have exceeded the 25,000-ton threshold for collection, the Company will be subject to carbon fees. 2. The EU announced the Carbon Border Adjustment Mechanism (CBAM) in July 2021, which is expected to be implemented in 2027.	1. Identify energy-consuming hotspots in the plant and gradually replace energy-consuming equipment to improve energy efficiency. 2. Identify areas of improvement and implement carbon reduction plans to meet the targets of the Ministry of Environment's voluntary reduction program and qualify for preferential rates. 3. Improve processes and product performance through innovative R&D to increase added value in response to increased market challenges.
	7	Products/ Services replaced by low-carbon technology	8	Due to environmental policy requirements, customers are increasingly inclined towards products with lower energy consumption, pollutant emissions, and carbon footprint.	1. Introduce low-carbon raw materials (recycled copper) and pass the UL 2809 certification. 2. Increase the percentage of renewable energies as power sources.
	3	The cost of transitioning to a low-carbon economy	20	1. In response to customers' low-carbon demand, the Company has introduced certified recycled raw materials to reduce the carbon footprint of its products. This has led to higher raw material costs, while R&D expenses for improving processing technologies also increased production costs. 2. In response to customer demand, the Company needs to increase the proportion of renewable energy use.	Increase the added value of products through innovative R&D.

Risk Analysis Matrix



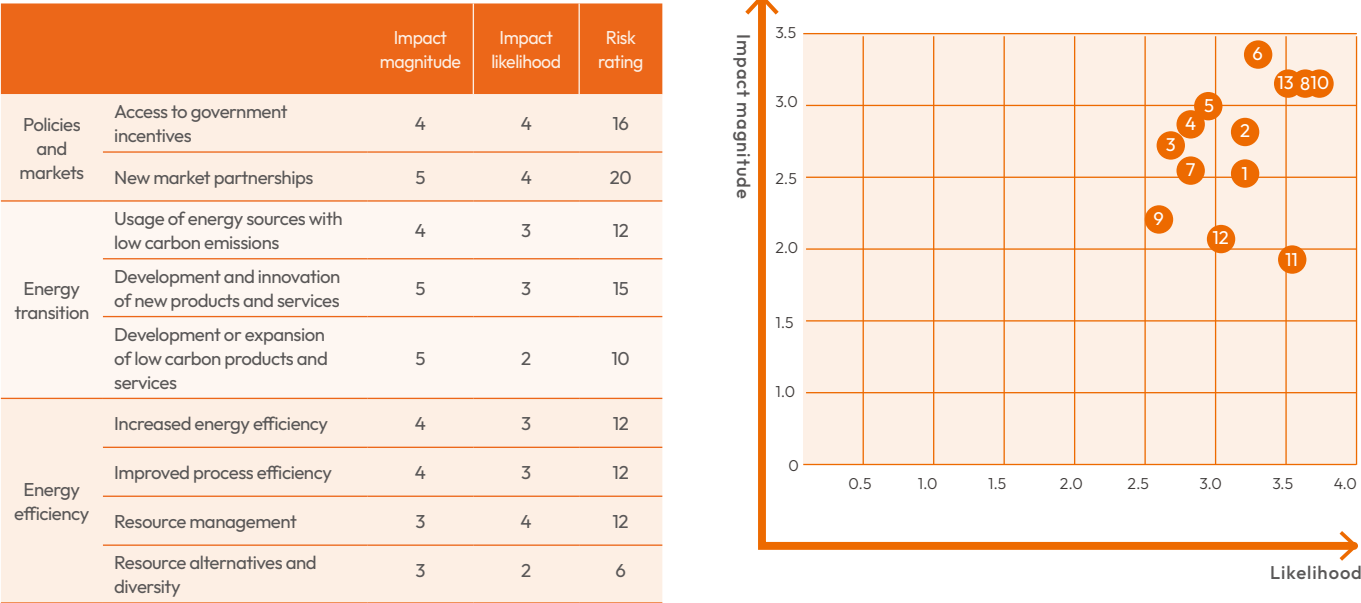
1. Climate Change Opportunities: Key Processes/Technologies

In addition to identifying the risks brought by climate change, LCY Technology has also identified opportunities that may arise from climate change as a reference for future technology development. The opportunities that climate change might bring for LCY Technology include “new markets and partnerships” , “improvements in process efficiency” , and “diversification and substitution of resources” .

Opportunity Category	Ranking	Issue	Level	Impact on the Company	Implementation results
Policie and Market	2	Access to government incentives	16	1. Strengthen involvement in the national critical strategic materials industry and apply for R&D investment tax credits and government subsidies. 2. Implement industry-academia collaboration to obtain new technologies.	Two industry-academia collaboration projects with National Cheng Kung University.
	1	New market partnerships	20	1. In 2024, LCY Technology signed a partnership agreement with Nippon Den kai, through which the Company obtained technology licensing from Nippon Den kai and gained experience in establishing manufacturing plants in the US. As the two companies have complementary technologies and markets, this collaboration will enhance the product portfolio and customer support across different markets while strengthening technical cooperation in the production of specialty copper foil (such as high-frequency, high-speed, and high-density hardware applications). 2. Implement cross-industry cooperation with CSC by using their waste thermal steam for energy. In 2024, 11,956.8 tons of waste thermal steam were procured.	
Energy Transition	4	Usage of energy sources with low carbon emissions	12	In response to the net-zero transition and customer demand, use low-carbon energy to reduce carbon footprint and increase product environmental friendliness.	Inquire about other renewable energy sources, diversify supply, and make early plans.
	3	Development and innovation of new products and services	15	The development of emerging materials in industries such as 5G and high-performance computing that emerged in response to sustainability and net-zero carbon goals present new directions for the Company's technological advancement.	

Opportunity Category	Ranking	Issue	Level	Impact on the Company	Implementation results
Resource efficiency	4	Increased energy efficiency	12	The use of new technologies and equipment can improve energy efficiency and reduce electricity costs, not only enhancing the Company's finances but also reducing GHG emissions.	Take stock of on-site energy conservation. Facilities and equipment have been replaced, saving 174,508 kWh of electricity in 2024 compared to 2023.
	4	Improved process efficiency	12	Strengthening internal processes to improve product yield reduces rework and repairs, thereby improving resource efficiency and reducing production and processing costs.	1. Optimize electroplating conditions, current process parameters, and regeneration of plating solutions to improve process resource utilization benefits and product stability. 2. Improve process efficiency through 6-sigma (six-standard deviations) to increase yield, and reduce scrap rates. Process improvements have led to more efficient use of energy, water, and chemicals, which contributes to conserving natural resources and supports the sustainable circular economy vision of “maximizing resource circulation and minimizing waste disposal.” 3. Monitor and adjust digital process parameters in real time. Through the establishment of AI prediction production models, further optimize the timing of raw material use, improve resource efficiency, and reduce waste.
	4	Resource management	12	1. In addition to fully using recycled copper to produce copper foil, all process outputs are prioritized for on-site recycling to reduce the consumption of raw materials. 2. Commission contractors to refine copper-containing sludge into copper oxide for recycling, enhancing resource utilization efficiency.	1. Commission professional contractors to recycle copper for use in manufacturing processes. 2. Recycle process wastewater and increase the use of reclaimed water. Currently, most of the process water used within the plant is recycled water, achieving the water resource management goals set by LCY Technology.
	8	Resource alternatives and diversity	6	Upholding the spirit of circular 6R and environmental friendliness, develop technology to produce electrolytic copper foil entirely from recycled copper, reducing the use of chemicals, raw materials, and conflict minerals, thereby enhancing sustainable competitiveness.	1. The Company's electrolytic copper foil is manufactured using 100% recycled copper wire as raw materials. In addition to completing a third-party verification (UL 2809) in 2023, the Company undergoes annual third-party verification for chemical safety management by the SGS, ensuring compliance with multiple international regulations, including RoHS, PoHS, REACH, TSCA, and SONY standards. In addition, the Company conducts self-audits on its use of hexavalent chromium (Cr ⁶⁺) and nickel (Ni) in accordance with IEC 62474. 2. Reusing steam condensate reduces industrial water intake (NT\$13/ton) and water consumption charges (NT\$3/ton), and promotes resource recycling. 3. Expand water sources and cooperate with government policies to use reclaimed municipal wastewater to reduce the risk of water shortages during the dry season.

Climate Change Opportunity Analysis Matrix



Bedrocks of Value Creation: 6R of Sustainability

In the face of worsening extreme weather conditions, resilience to climate disasters has become a crucial part of business operations. Through continuous efforts to reduce GHG emissions, improve energy efficiency and establish renewable energy, use reclaimed water and improve water efficiency, reduce waste and enhance recycling, manage life cycles, and pay attention to product safety, LCY Technology has built its resilience to climate risks and found opportunities for sustainable development.



V. Metrics and Targets:

- 1 Energy conservation and carbon reduction: With 2021 as the base year, reduce carbon emissions by 30% by 2030 and reach net zero emissions by 2050. In line with the government's policy for major electricity users, the Company has achieved an average annual electricity saving rate of 1.61% from 2015 to 2024. Starting in 2025, the Company will achieve an annual electricity saving rate of 1.5% in accordance with government requirements. For details, please refer to Chapter 1.2, [Energy Management](#).

	Scope 1 (% of total emissions)	Scope 2 (% of total emissions)	Total
Base year (2021)	400.42 ton CO ₂ e (0.58%)	69,159.87 ton CO ₂ e (99.42%)	69,560.29 ton CO ₂ e (100%)
Implementation as of 2024	177.21 ton CO ₂ e (0.34%)	51,851.76 ton CO ₂ e (99.66%)	52,028.97 ton CO ₂ e (100%)
Absolute target for 2030	280.29 ton CO ₂ e (-30%)	48,411.91 ton CO ₂ e (-30%)	48,692.20 ton CO ₂ e (-30%)

- 1.1 Equipment replacement and optimization: From 2022 to 2024, the Company completed the ceramic coating of chilled water pumps and replaced cooling fans on the chilled water units. These energy-saving measures resulted in approximately 1,817,503.5 kWh saved annually, with a total carbon reduction of about 861.8 tons per year. For details, please refer to Chapter 1.2, [Energy Management](#). (Calculated based on a power generation emission factor of 0.474kgCO₂e/kWh)
- 1.2 In 2024, due to the economic downturn and damage to a cleanroom ceiling caused by Typhoon Krathon, the plant reduced production as the ceiling was replaced. Some fixed electricity consumption could not be reduced, therefore, although total electricity consumption decreased in 2024, the energy consumption per unit of production was higher than that in 2021.

- 2 Energy transition: In 2023, the Company used (procured) green power (including small-scale green power from Taipower), accounting for approximately 6% of its contracted capacity. Going forward, the Company will continue to purchase more green power in accordance with the Group's policies to increase its green power usage ratio. Currently, the Company's contracted capacity is 1,405 MWh, accounting for approximately 1.48% of the total power consumption in 2024.

- 3 Diversification of water resources: In response to the potential risks of droughts, additional water sources for the plant have been introduced, including the use of reclaimed municipal wastewater and recycled steam condensate from reclaimed water. The Company expects to increase the ratio of reclaimed water usage in the production process to 91% by 2030. In 2024, 266,561 tons of reclaimed municipal wastewater were used, accounting for 88.29% of the total water consumption in the plant, and 7,673 tons of steam condensate were used. For more information, please refer to Chapter 1.3, [Water Resource Management](#).

1.1 Greenhouse Gas and Air Quality Management

I. Greenhouse Gas Inventory

LCY Technology introduced ISO 14064-1 in 2010 to conduct greenhouse gas inventories for 2008 and 2009, both of which were verified by a third party. The Company subsequently obtained the product and service carbon footprint verification under PAS 2050:2011 from the British Standards Institution (BSI) and introduced ISO 50001:2018 Energy Management System in 2013 (see 1.2, [Energy Management](#)). Additionally, in response to the Ministry of Economic Affairs Industrial Development Agency (formerly the Industrial Development Bureau of the Ministry of Economic Affairs) promoting the Voluntary Greenhouse Gas Reduction Program, the Company conducted annual greenhouse gas emissions self-audits and continues to survey and record greenhouse gas emissions data.

The Ministry of Environment promulgated and implemented "Enforcing Greenhouse Gases Accounting and Registration on the Second Batch of Greenhouse Gases Emission Sources" on August 9, 2022. Following the Ministry of Environment's "Greenhouse Gas Inventory Guidelines", LCY Technology completed annual GHG inventories for 2022–2024 within the required timeframe and had the inventories verified by accredited verification units, with the results published on the "Mandatory Greenhouse Gas Reporting System". In addition, in alignment with group and company policies and with reference to international greenhouse gas management trends, LCY Technology has also completed ISO 14064-1:2018 inventories (2021–2024). These inventories have been verified by accredited third-party verification units, and verification statements have been obtained (see the [LCY Technology Official Website](#)). The Company also updated its ISO 14067:2018 carbon footprint verification in 2022.

II. Reducing GHG Emissions

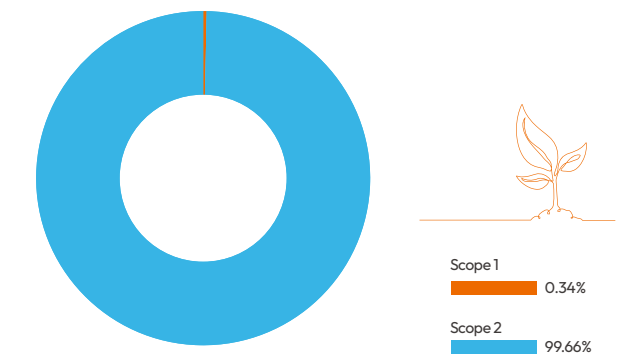
The greenhouse gas emissions of LCY Technology in 2024 reached 52,028.97 ton-CO₂e (Table 1), of which Scope 1 emissions totaled 177.21 ton-CO₂e (Table 1), accounting for 0.34% of total greenhouse gas emissions (Figure 1). Scope 2 emissions reached 51,851.76 ton-CO₂e (Table 1), accounting for 99.66% of total emissions (Figure 1). Emissions included: carbon dioxide CO₂, methane CH₄, nitrous oxide N₂O, hydrofluorocarbons HFCs, etc.

According to past data, the majority of LCY Technology's greenhouse gas emissions come from Scope 2 indirect sources, accounting for 98.87% to 99.70% of total emissions. Therefore, carbon reduction efforts are primarily focused on conserving electricity and steam. In recent years, the Company has continuously improved and optimized on-site equipment, including ceramic coating of chilled water pumps and replacement of cooling tower fan blades (see 1.2, [Energy Management](#)). On the other hand, in line with the government's greenhouse gas emission reduction policy and the Company's voluntary reduction plan, LCY Technology began using renewable electricity (green power certified) in 2023. Moving forward, the Company will continue towards its vision of low-carbon transformation through inventory and the repair or replacement of high-efficiency power-saving equipment.

Table 1. 2024 Greenhouse Gas Emissions

Item \ Year	2024	Percentage (%)
Scope 1	177.21 ton-CO ₂ e	0.34%
Scope 2 (Market-based emissions)	51,851.76 ton-CO ₂ e	99.66%
Total greenhouse gas emissions	52,028.97 ton-CO ₂ e	100%

Figure 1. 2024 Greenhouse Gas Emissions Ratio (%)



Compared to 2021 (base year), LCY Technology's annual greenhouse gas emissions from 2022 to 2024 showed a downward trend, seeing a reduction of 7971.67 ton-CO₂e, 10703.10 ton-CO₂e, and 17531.32 ton-CO₂e, respectively (Table 2). The carbon emissions reduction ratios were 11.5%, 15.4%, and 25.2%, respectively (Figure 2. Greenhouse Gas Emissions and Emissions Reduction Ratio). Carbon intensity (Figure 3. Greenhouse Gas Emissions and Carbon Intensity), on the other hand, showed an upward trend, with 15.21 (ton-CO₂e/NT\$ million, Table 2), 16.54 (ton-CO₂e/NT\$ million, Table 2), and 17.38 (ton-CO₂e/NT\$ million, Table 2), respectively.

Note: Greenhouse gas emission intensity can be calculated based on data per unit of product/service or revenue (NT\$ million).

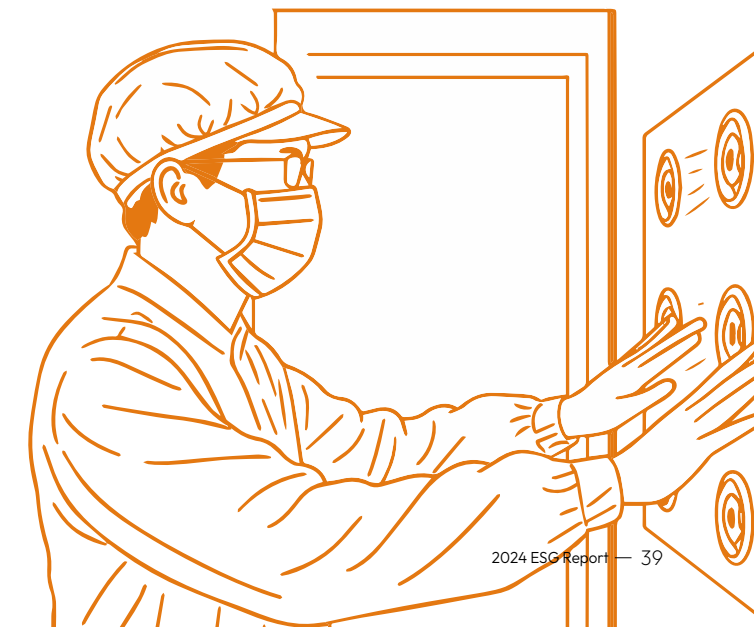
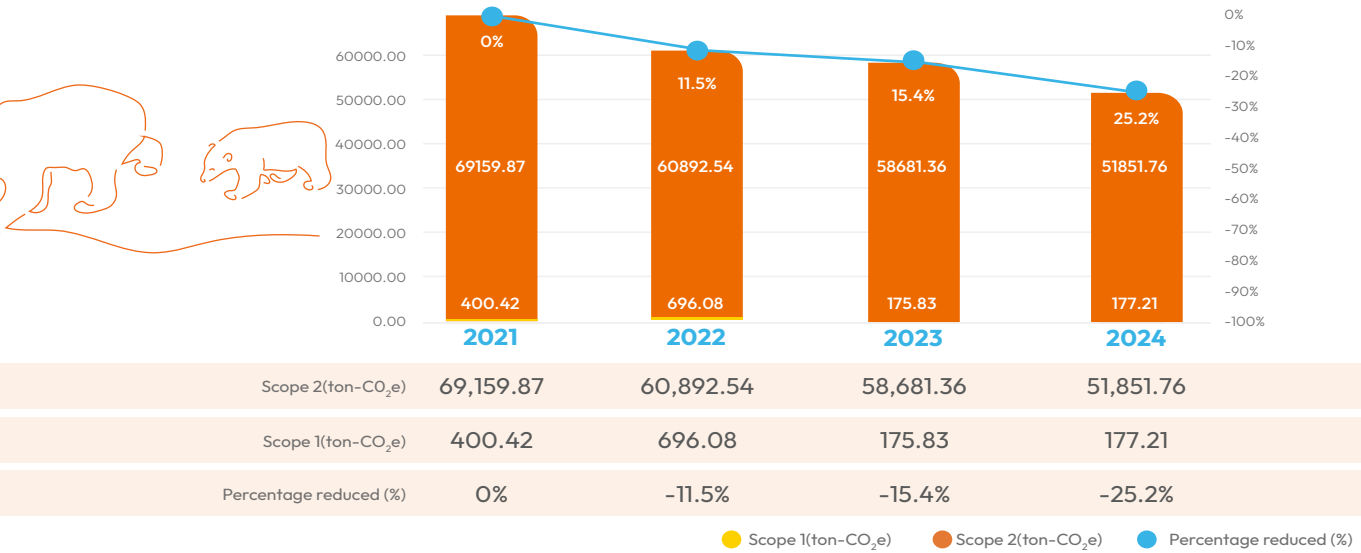


Table 2. Annual Greenhouse Gas Emissions

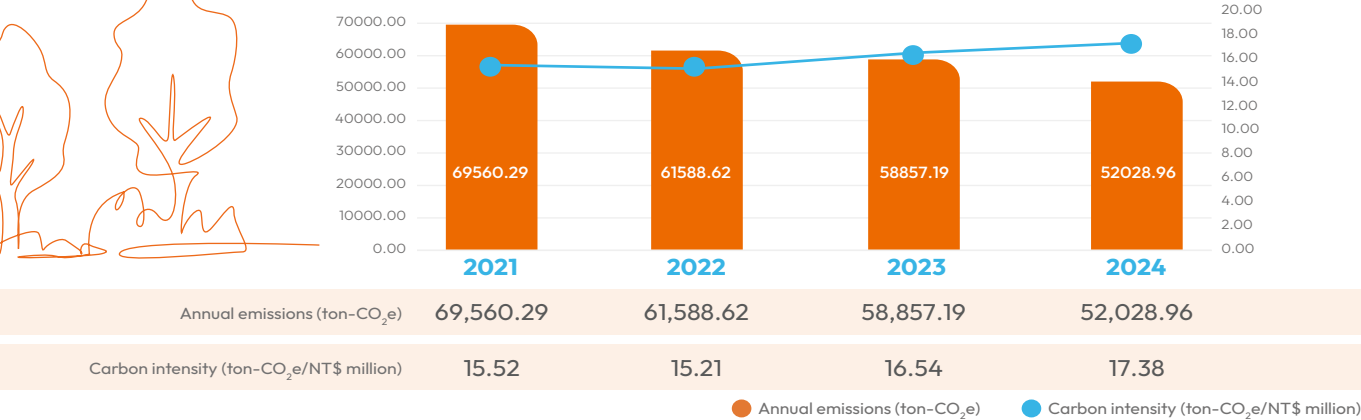
Item (Unit) \ Year	2021	2022	2023	2024
Total greenhouse gas emissions (ton-CO ₂ e)	69,560.29	61,588.62	58,857.19	52,028.97
Annual emissions reduction (ton-CO ₂ e, compared to 2021)	0	↓ 7971.67	↓ 10,703.10	↓ 17531.32
Annual reduction ratio (% , compared to 2021)	0	↓ 11.5	↓ 15.4	↓ 25.2
Emissions intensity (ton-CO ₂ e/NT\$ million)	15.52	15.21	16.54	17.38
Scope 1 (ton-CO ₂ e)	400.42	696.08	175.83	177.21
Scope 2 (ton-CO ₂ e)	69,159.87	60,892.54	58,681.36	51,851.76
Scope 1 (% of total emissions)	0.58	1.13	0.30	0.34
Scope 2 (% of total emissions)	99.42	98.87	99.70	99.66

- Note:
- The table above complies with ISO 14064-1:2018, adopts GWP values from the 2021 IPCC Sixth Assessment Report, and passed third-party verification.
 - Source of the emission factors database: "Greenhouse Gas Emission Factors (2024)" published by the Ministry of Environment, Executive Yuan.
 - The electricity carbon emission factor used in 2023 was 0.494 kg CO₂e/kwh. The electricity carbon emission factor used in 2024 was 0.474 kg CO₂e/kwh. (The latest carbon emission factor available during the assessment, as published by the Energy Administration, Ministry of Economic Affairs)
 - LCY Technology began using renewable electricity in 2023. The above Scope 2 emissions data are calculated using the market-based methodology and verified by a third party.
 - GHG emissions intensity = Scope 1 + Scope 2.
 - The GHG emissions disclosed in LCY Technology's annual shareholders' meeting report show a slight discrepancy in Scope 1 figures compared to the above table:
 - In 2022, Scope 1 emissions were 638.4216 ton-CO₂e, taking into account the aggregated GWP published in the 2007 IPCC 2007 4th Assessment Report (AR4).
 - Scope 1 emissions in 2023 were 155.9997 ton-CO₂e, which is based on the aggregated GWP emissions published in the 2013 IPCC 5th Assessment Report (AR5).

Greenhouse gas emissions and emissions reduction ratio



Greenhouse gas emissions and carbon intensity



III. GHG Management

For GHG management, LCY Technology redefined and adjusted short-term (2026, Table 3), medium-term (2030, Table 3), and long-term (2050, Table 3) goal management in accordance with that of the parent company, LCY, and with reference to national goals, industry peers, and customer expectations. The baseline year was also adjusted to 2021 (Table 3). There are two main considerations behind adjusting the goals and base year from that of the LCYT ESG Report (2021). First: The greenhouse gas inventory data in the previous version of the ESG report were all self-conducted. The data had not been verified by a qualified third party, therefore it is slightly lacking in reliability. Second: In the LCYT ESG Report (2021), the base year greenhouse gas emissions were reported as 73,459.44 ton-CO₂e, but the base year greenhouse gas emissions in 2021 amounted to 69,560.29 ton-CO₂e. This revision of the base year data demonstrates the Group and the Company's proactive and rigorous approach to GHG management and emissions reduction.

Table 3. Short-, Medium-, and Long-term Goals for GHG Management

	Base year	Short term 2026	Medium term (by 2030)	Long term (By 2050)
Greenhouse emissions compared to base year	2021	↓ 20%	↓ 30%	Advancing Towards Net-Zero Emissions

IV. Air Quality Management

LCY Technology implemented air pollution prevention and management within the scope of the Kaohsiung copper foil plant. In addition to obtaining pollutant emission permits for stationary sources in accordance with the law and regularly reporting to the Ministry of Environment's EMS platform, the Company follows ISO 14001 Environmental Management System, conducts routine monitoring, optimizes equipment, enhances information transparency, conducts cross-site audits, and makes continuous improvements, all with the aim of minimizing its environmental impact.

Item (Unit)	Year	2021	2022	2023	2024	Note
Volatile organic compounds (VOCs, kg)		4,630	4,297	4,352	4,301	• VOCs have been regulated since 2016.
Particulate matter (kg)		7,830	4,005	3,723	3,355	• Particulate matter and HAPs have been regulated since 2016.
Hazardous air pollutants (HAPs, kg)		8.574	8.736	5.105	6.794	• Others (sulfuric acid liquid droplets): Non-statistical cumulative amount.
Other (Sulfuric acid liquid droplets)		—	—	—	—	• No NOx, SOx, POP, Hg, Pb, or CO pollutants were generated.

Note: As there is no combustion involved, only VOCs, particulate matter, and HAPs are monitored.

1.2 Energy Management



Solar panels have been fully installed on the rooftops of LCY Technology's facilities.

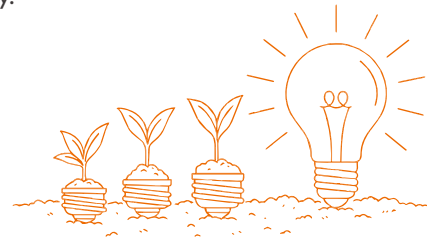
I. Renewable Energy

The management of fossil fuels has become an urgent issue. Therefore, LCY Technology has taken a proactive approach as early as 2012, leasing the rooftop of its plant to Plus Renewable Corp. for the installation of solar panels. A power purchase agreement was established to obtain green energy certificates, enabling the Company to meet government-mandated capacity targets two years in advance. The plant officially started using renewable energy in 2023.

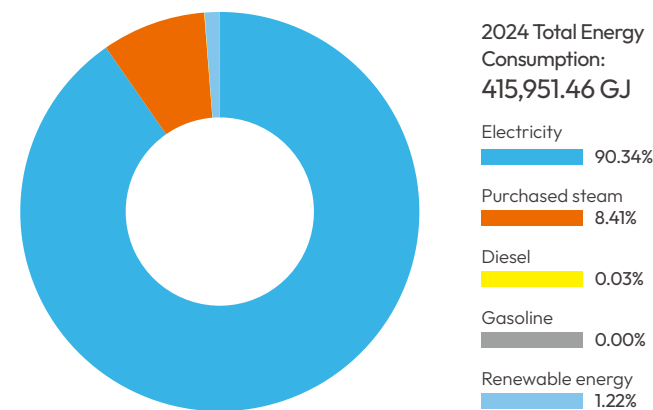
In addition, LCY Technology continues to promote energy-saving technologies such as: Automated control equipment that enable predictive maintenance to reduce shutdowns, replacing thermal oil heat press machines with electric heat press machines, replacing cooling towers with inverter fans, and replacing metal halide lighting in production areas with LED lights. With equipment procurement and installation, the Company prioritizes energy conservation along with measures to reduce the use of raw materials and increase waste recycling to reduce overall energy usage.

II. Energy Conservation Management

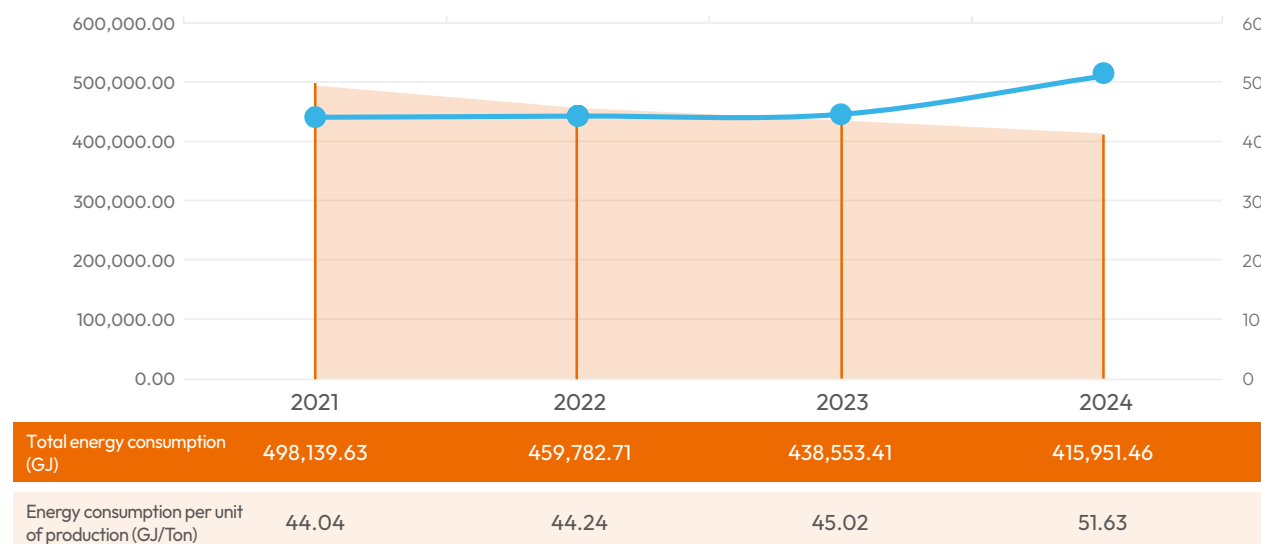
In 2021, the total energy consumption of LCY Technology was 498,139.63 GJ, of which 94.74% was purchased electricity, and 5.23% was recycled waste thermal steam procured from CSC. In 2024, due to a 28.77% decrease in production volume, the total energy consumption decreased to 415,951.46 GJ, of which 90.34% was purchased electricity, 8.41% was recycled waste thermal steam procured from CSC, and 1.22% was from renewable energy.



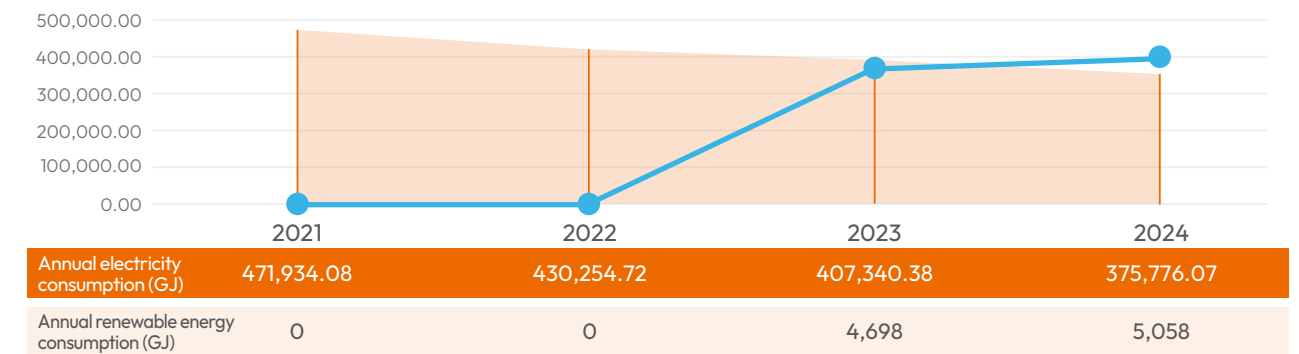
2024 Energy Consumption Structure



Energy Consumption Trend (Including Renewable Energy in 2023 & 2024)



Electricity Consumption Trend



From 2022 to 2024, the Company completed the following equipment optimization measures: (Calculated based on Taipower's announced 2024 electricity carbon emission factor of 0.474 kg CO₂e/kWh)

1. Ceramic coating for chilled water pumps: Applying a ceramic coating on the impeller surfaces of chilled water pumps reduces friction and lowers electricity consumption. The electricity saved amounts to approximately 121,761.8 kWh/year, reducing approximately 58 tons of CO₂ emissions.
2. Replacement of two chillers: As the aging chillers have increased failure rates and energy consumption, they were replaced with active magnetic bearing inverter chillers. Not only does the active magnetic bearing reduce friction, but the inverter motor also effectively adjusts output based on demand, thereby achieving energy-saving objectives. The electricity saved amounts to approximately 1,195,776 kWh/year, reducing approximately 566.8 tons of CO₂ emissions.
3. Replacement of cooling tower fans. Cooling tower fan blades were replaced with those made with new, lightweight FRP materials. The blade angles were also optimized to maintain adequate airflow while improving energy efficiency. The electricity saved amounts to approximately 499,965.7 kWh/year, reducing approximately 237 tons of CO₂ emissions.

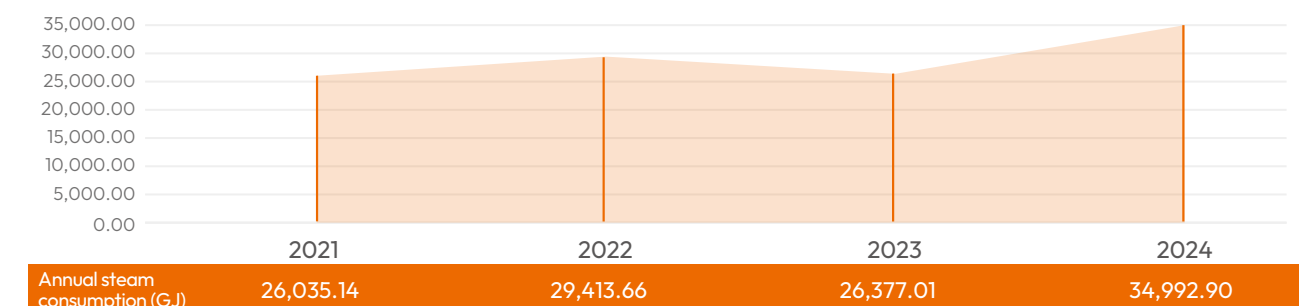
Although total energy consumption decreased year by year in 2022 and 2023, production declined due to economic downturns; in addition, damage to the cleanroom ceiling caused by Typhoon Krathon in 2024 resulted in further production decrease as the ceiling was replaced. Some of the fixed electricity consumption could not be reduced, therefore, the energy consumption per unit of production in 2022-2024 was higher than that of 2021.

III. Energy and Resource Integration

Transforming waste into renewable resources and moving towards zero waste and zero emissions have always been part of LCY Technology's energy management goals. In addition to maximizing the use of internal resources, the Company also connects with external systems to establish an effective circular economy. The steam used in LCY Technology's energy structure is sourced from waste thermal steam recovered from CSC's steelmaking process and is utilized for process heating. The condensate from the steam heating process is collected and re-introduced into the "pure water recycling system" and used for process cleaning.

Originally, CSC cooled its waste steam and discharged the condensate as wastewater. However, when a water shortage crisis in Kaohsiung in 1993 left manufacturers in the Linhai Industrial Park scrambling for water sources, LCY Group proposed CSC to recycle and reuse their waste thermal steam through a dedicated pipeline. Since then, CSC's thermal waste steam has become an energy resource for the Company's plant as well as neighboring partner plants. In 2024, 34,992.9 GJ of waste thermal steam were procured from CSC, which is equivalent to saving 9,720,249 kWh of electricity. Statistics show that the use of CSC waste thermal steam saved a total of 32,449,362 kWh of electricity from 2021 to 2024. Based on Taiwan's average household electricity consumption of 381 kWh in August, LCY Technology's use of waste thermal steam saved enough electricity to power roughly 85,000 households (source: Taiwan Power Company official website - Information Disclosure - Monthly Average Household Electricity Consumption and Bill as Compared with the Same Period Last Year).

CSC Waste Thermal Steam Usage Trend



IV. Energy Management Goals

To mitigate the impact of energy and resource depletion on the environment, LCY Technology continues to improve energy use efficiency and the proportion of renewable energy use for sustainability. For the sake of future generations, the Company is also committed to integrating energy and resources, making circular economy a key development goal. The Company also established the “Energy Digitized Monitoring System - Energy Management Smart Platform”, which uses AI to analyze vast datasets, identifying optimal equipment load levels to achieve short-, medium-, and long-term energy management goals.

Energy Management Status & Short-, Medium-, and Long-Term Goals

Goals	Base year (2021)	Short term 2025	Medium term (~2027)	Long term (by 2030)
Energy consumption per unit of production (GJ/ton)	44.04	Reduced by 1% compared to the base year	Reduced by 2% cumulatively	Annual reduction of 1%
Percentage of renewable energy	----	10%	10%	At least 10%

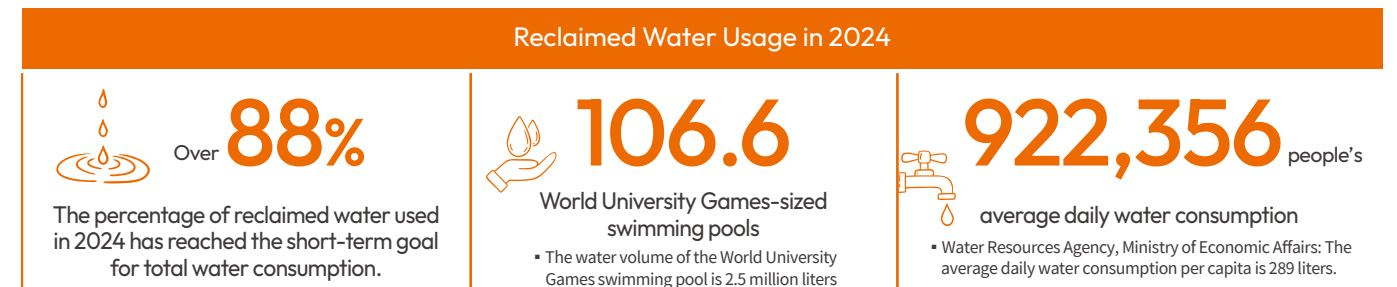
Note: The percentage of renewable energy is calculated based on the contracted capacity.

V. Energy Management Pathway

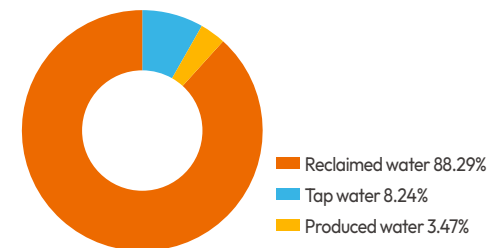
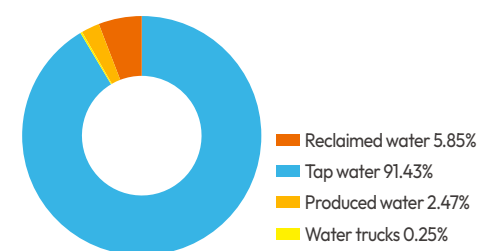


1.3 Water Resource Management

I. Water Consumption and Reclaimed Water

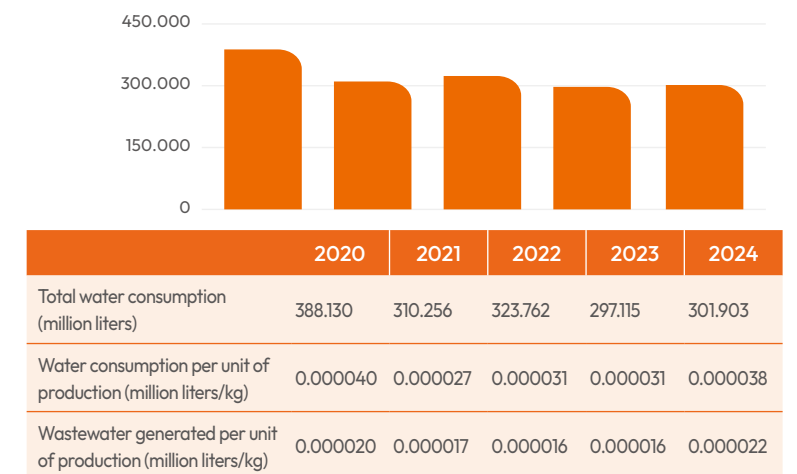


In 2021, LCY Technology's total water consumption was 310.256 million liters. Within its water consumption structure, tap water (including industrial water) accounted for 91.43%, water purchased externally during the summer drought period accounted for 0.25%, and steam condensate (produced water) recovered from CSC's waster thermal steam contributed 2.47%. Since December 10, 2021, LCY Technology has increased its use of external water sources by introducing reclaimed water from the Kaohsiung Linhai Water Recycling Plant, recycling municipal wastewater from the Kaohsiung area. Since 2022, with the estimation that the Kaohsiung Linhai Water Recycling Plant can provide 0.800 million liters of reclaimed water per day, LCY Technology has used approximately 288,000 million liters of reclaimed water per year, which is equivalent to the average daily water consumption of 1,014,084 people or 115.2 World University Games-sized swimming pools. LCY Technology has set long-term goals for the use of reclaimed water. In 2022, the proportion of reclaimed water used increased to 82% and the amount of tap water (including industrial water) reduced to 15%. By 2030, the proportion of reclaimed water used in the production process is expected to increase to over 91%. In 2024, LCY Technology's total water consumption was 301.903 million liters, of which 266.561 million liters were reclaimed water, accounting for 88.29% of total water consumption.



In 2021, LCY Technology increased its production by 15.45% compared to 2020, while its total water consumption decreased by 22.21%, resulting in a reduction of 88.571 million liters, which is equivalent to the volume of 35.43 World University Games-sized swimming pools. The water consumption per unit of production in 2019 decreased slightly by 0.000001 million liters/kg compared to 2018. Although total water consumption increased due to a drop in production volume and maintenance of the cooling towers in 2020, improvement measures such as increased production and process optimization significantly reduced water consumption per unit of production to 0.000027 million liters per kilogram in 2021, a 32.62% reduction compared to 2020. The 2021 wastewater volume per unit of production also decreased to 0.000017 million liters/kg, representing a year-on-year decrease of 18.26%. In 2024, due to the plant's gradual testing of high-end products in response to downstream industry demands, water consumption and wastewater volume per unit of product increased, although both remain lower than that of 2020.

Water Consumption Trend

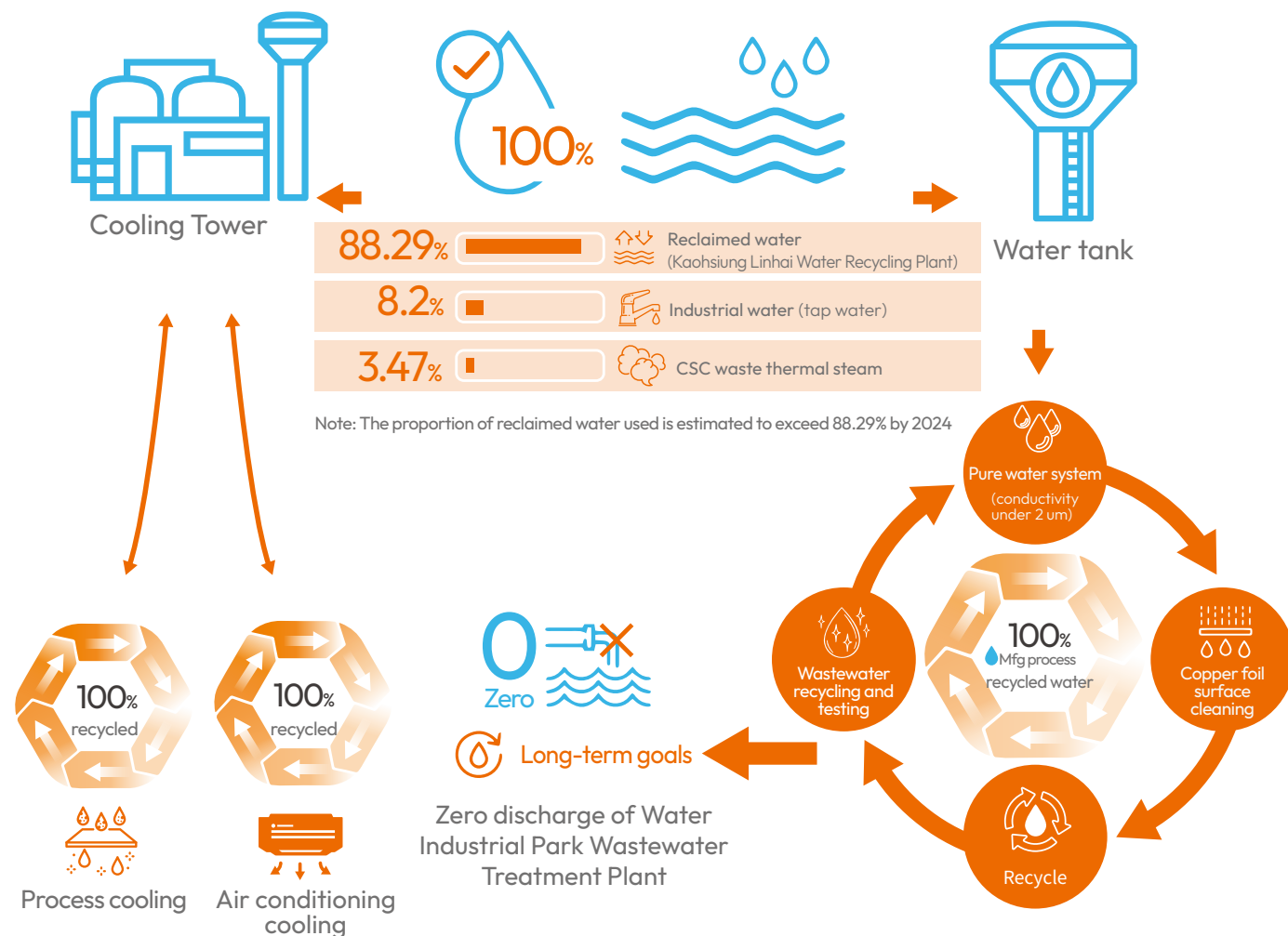


II. Water Resource Net Zero Emissions

The ultimate goal of LCY Technology's water resource management is achieving net zero water emissions through 100% recovery and reuse. Its main initiatives are as follows:

1. Increase the use of reclaimed water. Since December 2021, LCY Technology has reduced its use of tap water by using reclaimed water from treated municipal wastewater as the primary water source for its production processes. In 2023, the percentage of reclaimed water used exceeded 92%, which is equivalent to saving 109.6 times the water volume of a World University Games-sized swimming pool, or the average daily water consumption of 947,979 people. However, in 2024, the water recycling plant was unable to provide a sufficient supply of water due to frequent increases in input water conductivity, resulting in a reclaimed water usage rate of only approximately 88.29%.
2. Increase the recycled water circulation rate. After recycled water enters the “pure water recycling system”, the conductivity is controlled at below 2μs/cm and used to clean the surface of copper foils. The reclaimed water from the washing process, containing chemical agents and heavy metals, is returned to the "pure water recycling system" where chemical substances are separated. The purified water is reintroduced to the cleaning process, while the heavy metals are recycled through external systems. Currently, LCY Technology is testing ways to increase the pure water recycling rate, with the ultimate goal of net zero wastewater emissions.
3. Increase the reuse rate of cooling tower discharge. Currently, in addition to using cooling water discharge to replenish the scrubbers, nearly 100% of process cooling and air conditioning cooling water is being recirculated. The use of reclaimed water to replenish the cooling water tower can increase the concentration rate of the cooling tower, achieving zero discharge.

LCYT Ultimate Goal Zero Discharge of Water 100% Recycle & Reuse



III. Water Resource Performance Management

According to the Aqueduct water resource risk assessment tool developed by the World Resources Institute (WRI), the water resource risk at the LCY Technology plant is low-medium, meaning it is not in a water-stressed area. To address extreme weather conditions and to improve water resource efficiency, the Company has established short-, medium-, and long-term goals. With 2021 as the base year, the Company will gradually reduce total water consumption, water consumption per unit of product, and wastewater per unit of product. Regarding the use of reclaimed water, due to government regulations, reclaimed water may not be directly used as drinking water. As a result, tap water is still used to supply domestic water in the plant (Note: Article 7, Paragraph 1 of the Reclaimed Water Resources Development Act). Although it is not yet possible to achieve 100% use of reclaimed water for total water consumption, when it comes to water usage in production processes, LCY Technology will further evaluate the water supply from the Kaohsiung Linhai Water Recycling Plant, the carbon footprint of reclaimed water, and the amount of reclaimed water used per unit of revenue, all in pursuit of achieving 100% reclaimed water use in the production process.

Short-, Medium-, and Long-term Water Resource Management Goals

		Base year (2021)	Short term 2025	Medium term (~2027)	Long term (by 2030)
Total water consumption reduced (%)		0%	↓ 4%	↓ 5%	↓ 8%
Reclaimed water as a percentage of total water consumption (%)		Began using reclaimed water at the end of 2021, accounting for 5.85% of total water consumption.			
Water consumption per unit of product	Volume (million liters/kg)	0.000027	<0.000026	<0.000026	<0.000025
	Reduction (%)	0%	↓ 3.7%	↓ 3.7%	↓ 7.4%
Wastewater generated per unit of product	Volume (million liters/kg)	0.000017	<0.000016	<0.000016	<0.000015
	Reduction (%)	0%	↓ 5.9%	↓ 5.9%	↓ 11.8%

In terms of wastewater management, LCY Technology's copper foil plant is currently located within Linhai Industrial Park, where wastewater emissions are managed by a joint wastewater treatment plant. Therefore, wastewater emissions are subject to current management standards. In response to stricter government regulations, the Company reduced the metal content in raw wastewater through process optimization, ensuring that the discharged water meets management standards.

Water Resource Management - Summary Table

Category	Item	Unit	2021	2022	2023	2024
Water intake	Industrial water (tap water)	million liters	283.670	48.775	12.850	24.865
	Water truck	million liters	0.780	0	0	0
	Reclaimed water ^{[[Note 1]]}	million liters	18.133	266.181	273.966	266.561
	Surface water	million liters	0	0	0	0
	Produced water	million liters	7.673	8.806	10.299	10.477
	Total	million liters	310.256	323.762	297.115	301.903
Water discharge ^{[[Note 2]]}	Effluents	million liters	188.132	163.147	154.662	176.597
Water consumption	Water consumption	million liters	122.124	160.615	142.453	125.306

Note 1: From Kaohsiung Linhai Water Recycling Plant

Note 2: Emissions to Linhai Industrial Park Wastewater Treatment Plant

2022-2024 Water Resource Management Performance Comparison Table

		Base year (2021)	2022	2023	2024
Annual total water consumption	Total (million liters/year)	310.256	323.762	297.115	301.903
	Compared to the previous year	0%	(4.35%)	8.23%	(1.61%)
	Compared to base year	0%	(4.35%)	4.24%	2.69%
Annual water consumption (Industrial water + water trucks)	Total (million liters/year)	284.450	48.775	12.850	24.865
	Compared to the previous year	0%	82.85%	73.65%	(93.5%)
	Compared to base year	0%	82.85%	95.48%	91.26%
Reclaimed water	Total (million liters/year)	18.133	266.181	273.966	266.561
	Compared to the previous year	0%	1367.94%	2.92%	(2.70%)
	Compared to base year	0%	1367.94%	1410.87%	1370.03%
Wastewater volume	Total (million liters/year)	188.132	163.147	154.662	176.597
	Compared to the previous year	0%	13.28%	5.20%	(14.18%)
	Compared to base year	0%	13.28%	17.79%	6.13%
Water consumption per unit of product	Volume (million liters/kg)	0.000027	0.000031	0.000031	0.000038
	Compared to the previous year	0%	(14.81%)	0%	(22.58%)
	Compared to base year	0%	(14.81%)	(14.81%)	(40.74%)
Wastewater generated per unit of product	Volume (million liters/kg)	0.000017	0.000016	0.000016	0.000022
	Compared to the previous year	0%	5.88%	0%	(37.50%)
	Compared to base year	0%	5.88%	5.88%	(29.41%)
Violations	Amount	0	0	0	0

1.4 Waste Management

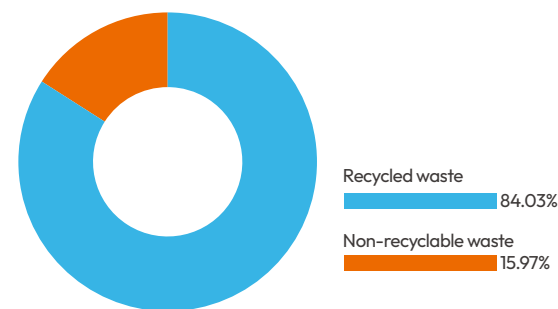
I. Waste Reduction from the Source

LCY Technology practices green manufacturing, with waste management focused on the goal of “minimizing output and maximizing reuse.” In 2021, process optimization measures reduced total waste generation by 519.01 tons compared to 2020. In 2024, the total amount of waste generated was 585.7 tons, which was another reduction of 517 tons compared to 2021. This shows that LCY Technology's process improvement measures have successfully optimized and minimized raw material usage.

2024 Waste Recycling Rate

Total waste	100%	585.7 tons
Recycled waste	84.03%	458.28 tons of wastewater sludge + 33.88 tons of wood scrap/iron scrap = 492.16 tons
Non-recyclable waste	15.97%	34.09 tons of process sludge + 0.46 tons of laboratory waste liquid + 18.58 tons of waste filter + 40.41 tons of domestic waste = 93.5 tons

Note: 2024 waste reuse rate of 84.03%/2024 hazardous waste reuse rate of 89.61%

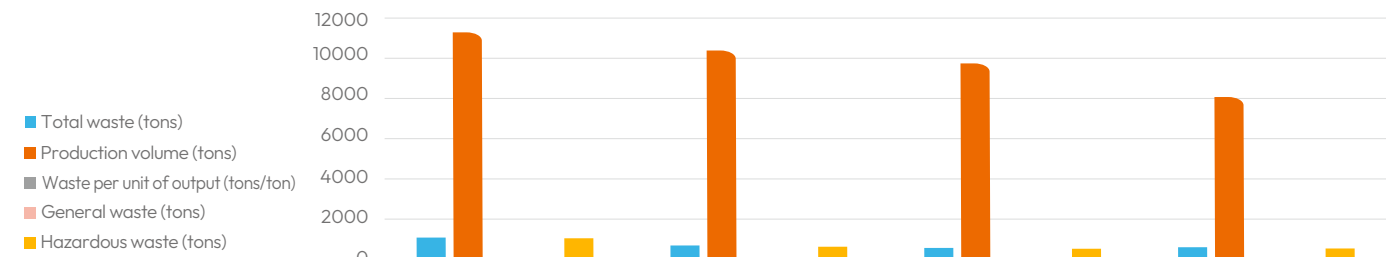


The total amount of waste generated in 2024 was 585.7 metric tons, of which 87.32% were hazardous waste. LCY Technology adopts world-class standards in implementing circular economy practices. For the 84.03% of total waste generated that is recyclable, the Company has commissioned recycling companies to process the waste and extract precious metals which are then reused in industrial processes.

Additionally, in implementing source reduction, LCY Technology continues to optimize production processes and successfully reduce the total amount of hazardous waste generated. In 2024, the amount of hazardous waste generated decreased significantly by 551.34 tons compared to 2021, representing a reduction of 51.88%. The waste generated per unit of output also decreased to 0.07 tons per ton, representing a 25.47% reduction compared to 2021.

The decrease of both the total waste generated and the waste generated per unit of output indicates that LCY Technology is effectively utilizing raw materials before waste is generated, reducing the amount of materials that need to be recycled in the waste generated. As a result, the waste recycling rate has also shown a downward trend. These changes fully demonstrate LCY Technology's commitment to the goal of zero waste emissions.

Total Waste and Waste Per Unit of Output



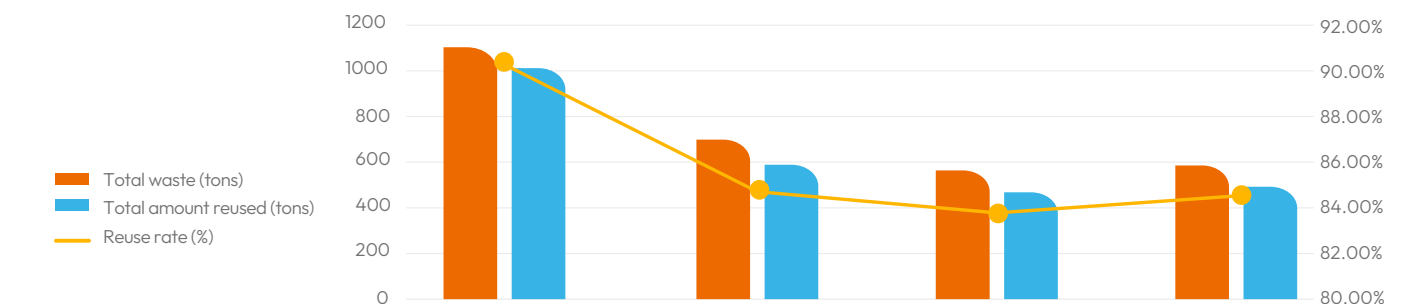
Metric tons / year	2021	2022	2023	2024
Total waste (tons)	1103.34	698.59	563.8	585.7
Production volume (tons)	11,310	10,394	9,741	8,056
Waste per unit of output (tons/ton)	0.098	0.067	0.058	0.073
General waste (tons)	40.59	71.82	50.88	74.29
Hazardous waste (tons)	1062.75	626.77	512.92	511.41

Waste Treatment Method Analysis

Metric tons / year		2021	2022	2023	2024
Total waste (tons)		1103.34	698.59	563.8	585.7
Hazardous waste (tons)	Solidification and landfill	55.87	51.06	49.36	51.63
	Landfill after incineration	0	0	2.29	1.04
	Reuse	1006.56	575.29	461.05	458.28
	Chemical treatment	0.32	0.42	0.22	0.46
Total hazardous waste		1062.75	626.77	512.92	511.41
General waste (tons)	Incineration	32.82	39.16	29.02	21.28
	Physical treatment	1.38	0	1.98	4.24
	Reuse	5.19	13.49	7.13	33.88
	Other ^{[[Note]]}	1.2	19.17	12.75	14.89
Total general waste		40.59	71.82	50.88	74.29

Note: Septic waste (treated by the Kaohsiung Central Municipal Wastewater Treatment Plant)

Total waste reuse rate



Metric tons / year	2021	2022	2023	2024
Total waste (tons)	1103.34	698.59	563.8	585.7
Total amount reused (tons)	1011.75	588.78	468.18	492.16
Reuse rate (%)	91.70%	84.28%	83.04%	84.03%

II. Waste Recycling and Reuse

LCY Technology uses 100% recycled copper wire as raw materials. Scraps from the production process are prioritized for in-house recycling. Trimmed copper foil is reintroduced into the copper dissolving system and returned to the production line. The process sludge generated is sent to contractors for solidification and landfill. Copper-containing wastewater sludge is first concentrated in the plant for preliminary dewatering, which reduces transportation volume. The sludge is then sent to contractors to be reused and processed into copper oxide or copper caps for external reuse.

Since May 2021, LCY Technology has successfully reduced copper-containing wastewater sludge by 33.38% through process optimization in pursuit of the goal of near-zero waste emissions—a further 54.47% decrease in 2024 compared to 2021.

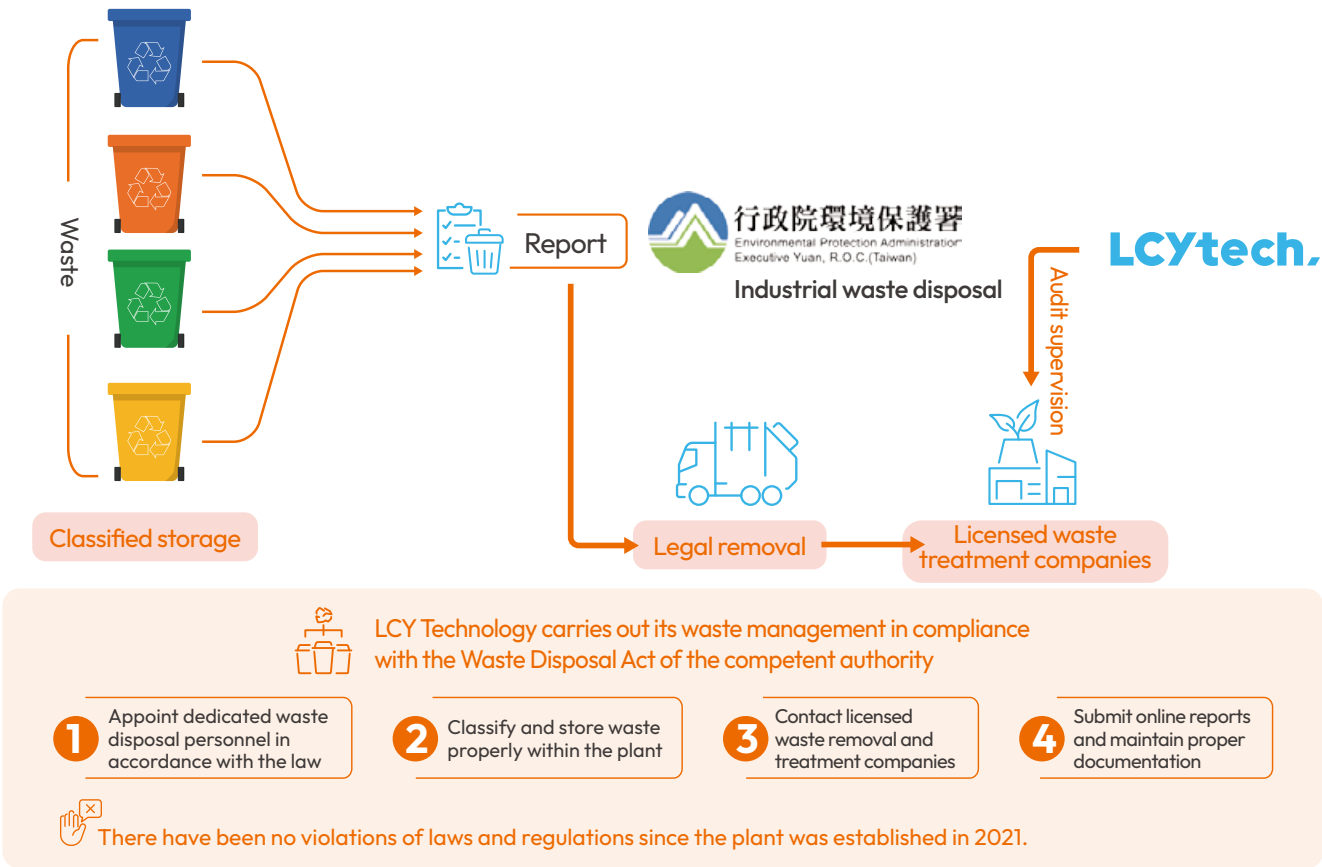
Short-, Medium-, and Long-term Goals for Waste Management and Reuse

Item	Base year (2021)	Current status (2024)	Short-term goals 2025	Mid-term goals ~2027	Long-term goals ~2030
Waste per unit of output	0.098 tons	0.073	0.07 tons	0.07 tons	0.065 tons
Waste reuse rate	91.70%	84.03%	85%	87%	88%

Note: The waste reuse rate decreased due to the decrease in total waste output

LCYtech.

Waste Treatment Process



III. Near-Zero Waste Emissions

The waste management of LCY Technology is managed by the Production Division. After thorough classification, storage, and inspection, reduction measures are implemented, and accurate reports are submitted to the relevant authorities. The Company also conducts annual audits of waste management contractors. In 2021, all hazardous waste output (1062.75 tons) was outsourced to certified contractors for disposal, of which 94.71% (1006.56 tons) was ultimately treated for reuse.

To achieve voluntary waste reduction goals and enhance the use of waste resources, the Company established short-, medium-, and long-term management goals with 2021 as the base year. By 2030, the Company hopes to reduce the waste per unit of output to 0.065 metric tons and send 88% of waste to treatment plants for reuse. A review of the waste generated per unit of product in 2024 shows that LCY Technology is approaching its short-term goal, while there is still room for improvement in terms of the waste recycling rate.

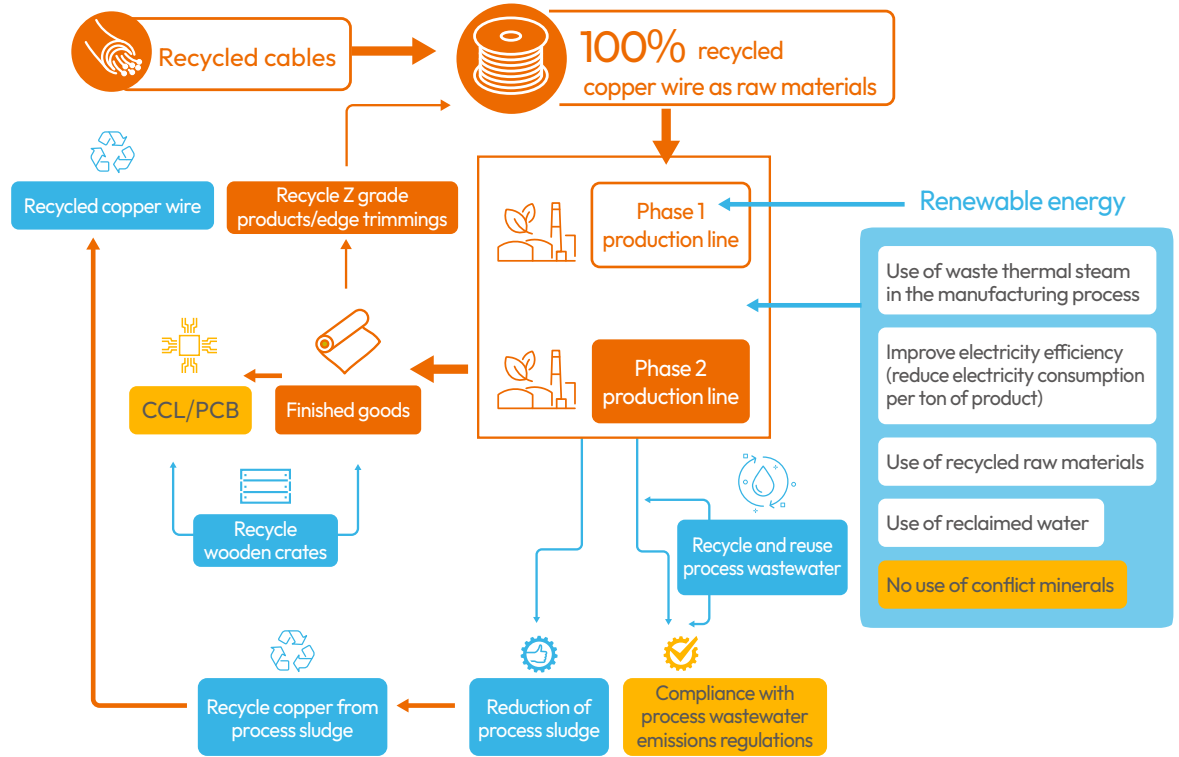
1.5 Life Cycle Management and Product Safety

I. Green Copper Foil

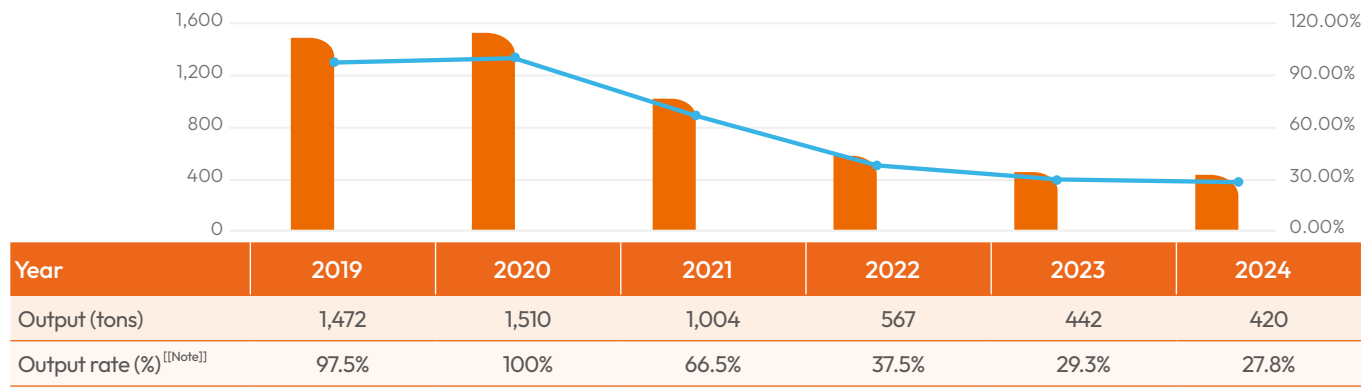
Making raw material sourcing and manufacturing processes more environmentally friendly has consistently been a core consideration in the development of LCY Technology's business operations. LCY Technology has always been committed to increasing the use of recycled raw materials and reducing process waste. LCY Technology uses 100% recycled copper cables as raw materials and obtained the UL 2809 recycled content certification in 2022, reducing natural resource consumption and pollution from mining.

In 2021, process optimization reduced chemical raw material consumption by over 100, and output rate of copper-containing wastewater sludge decreased to 66.5% compared to the base year of 2020, a decrease of 33.5%. All copper-containing wastewater sludge is handed over to an external reuse treatment plant to extract precious metals such as copper for continued recycling and reuse. In 2024, the output rate of copper-containing wastewater sludge was further reduced to 27.8% of the base year, representing a significant 72.9% reduction of copper-containing wastewater sludge output. More environmentally friendly production processes reduced costs and increased LCY Technology's sustainable competitiveness.

Eco-Friendly Green Copper Foil Production Process



Copper-containing Wastewater Sludge Output Trend



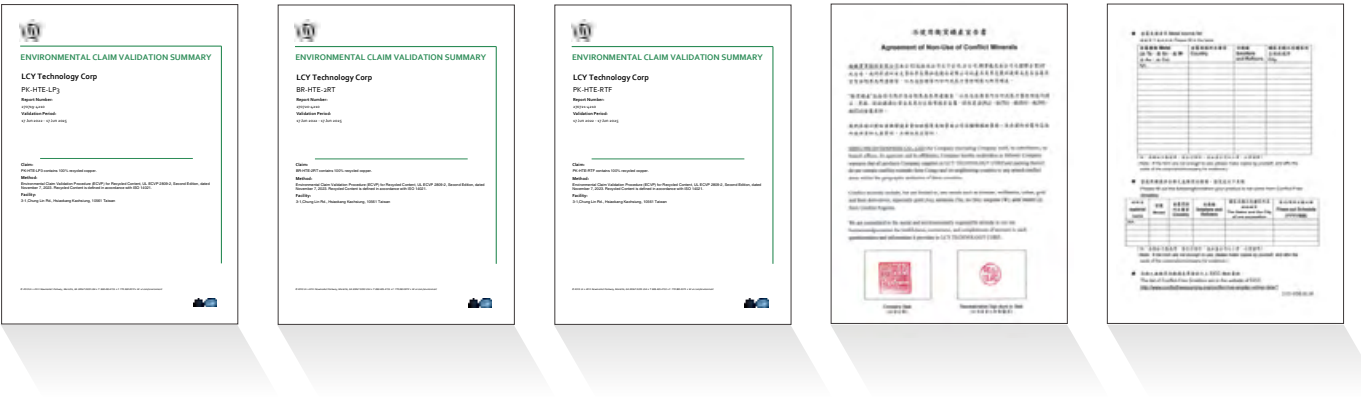
Note 1: Improvements began in 2021. The output rate is calculated using 2020 as the base year (annual output volume / baseline year output × 100%) to demonstrate performance effectiveness.

Note 2: Process optimization began in the second quarter of 2021. The baseline for sludge generation improvement is the average monthly sludge volume in 2021, illustrating the effectiveness of the optimization measures.

II. Product Lifecycle Management

Throughout the lifecycle of each product, LCY Technology implements lifecycle management across three major dimensions, providing customers with relevant application solutions.

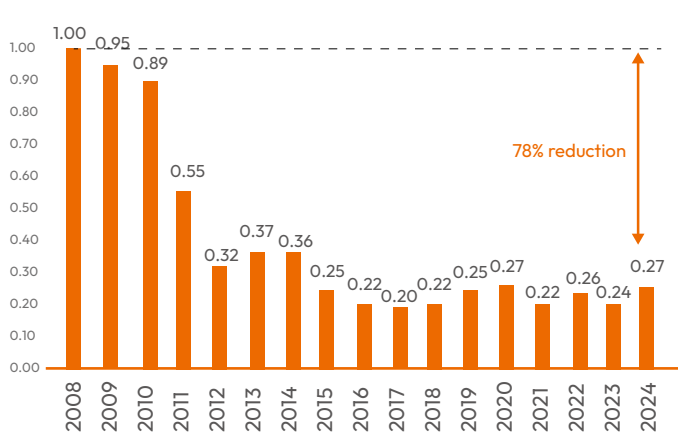
- Supplier management:** Use 100% recycled copper wire. LCY Technology uses 100% recycled copper cables as raw materials and obtained the UL 2809 third-party verification in 2022, reducing natural resource consumption and pollution from mining.
- Conflict minerals avoidance:** In adherence to the OECD Due Diligence principles, LCY Technology follows its internal supplier evaluation management regulations and procurement management regulations. When procuring chemical materials, the Company requires suppliers to submit a “Chemical Substance Review Form” and a “Declaration of Non-use of Conflict Minerals” , both of which must be updated annually.



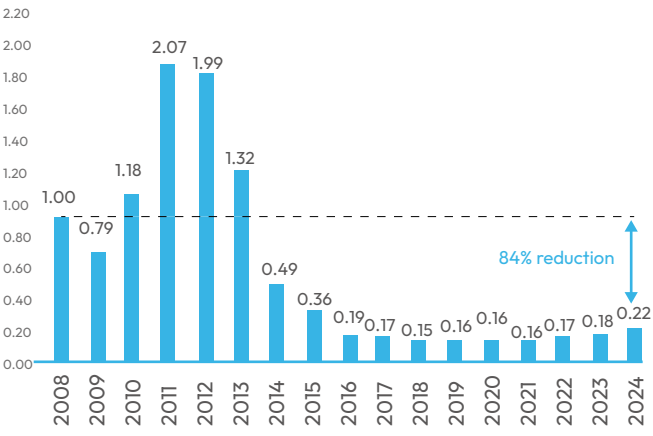
Note: The UL2809 certificate is a one-year certificate that requires annual re-certification, which extends the certification expiration period for another year. The validity of this year's certificate expires on June 17, 2025, and relevant re-certification is currently underway.

- Chemical safety management:** Of the materials that require disclosure under the IEC 62474 Material Declaration for Products of and for the Electrotechnical Industry, only hexavalent chromium (Cr) and nickel (Ni) are used by the Company, and self-assessment shows that the use of these materials has remained stable in recent years. Since the Company's earliest recorded use in 2008, the use of hexavalent chromium has been reduced by 78%, while nickel usage has decreased by 84%. LCY Technology also commissions SGS to perform annual third-party verification of its compliance with multiple international regulations, including RoHS, PoHS, REACH, TSCA, and SONY. Over the years, hexavalent chromium levels have remained at non-detectable levels. In 2024, there were no violations of product and service regulations and no customer complaints received.

Hexavalent chromium - usage per unit of production



Nickel - usage per unit of production



1.6 Smart Manufacturing

LCY Technology understands the world-changing impact of AI. Through the LCY AI School and LCY Insights Users Conference, LCY Technology's internal departments continue to brainstorm “smart management” and “automated management” solutions. Continue digitizing production information. Utilize digitized information to improve data management and realize smart manufacturing.

Since 2020, LCY Technology has gradually digitized production information to enable real-time and round-the-clock monitoring of process conditions. Digitizing production information also allows the information to be directly uploaded to a cloud-based database. In 2024, the Company combined process information and product information, using AI computing to establish a predictive AI production model that continues to be optimized. The model enables automatic control to reduce production variability, enhance product quality stability, and gradually achieve smart production, moving towards smart manufacturing.

Safety, environmental protection, and quality are the bedrocks of LCY Technology's pursuit of sustainable development. In addition to digitizing product-related production information, the digitization of overall plant operations allows management to stay informed about plant safety, environmental protection, and quality at any time and anywhere.

The digitization of plant equipment data further enables the application of big data analytics. For example, evaluating the health of electrical and instrumentation equipment enables preventive maintenance and repairs, which can reduce losses caused by unpredictable factors in the manufacturing process. In 2024, by integrating electrical and instrumentation data, LCY Technology introduced a new equipment electricity consumption dashboard to enhance the effectiveness of its energy-saving efforts.

1) Digitization of production information

a) Digitization of process information

Digitizing and integrating key production factors such as current, voltage, concentration, and temperature through the PI system enables LCY Technology to maintain a complete production history for every roll of copper foil, traceable to the production machine, production time, and manufacturing conditions, thereby strengthening the ability to analyze and correctly determine the causes of abnormalities.



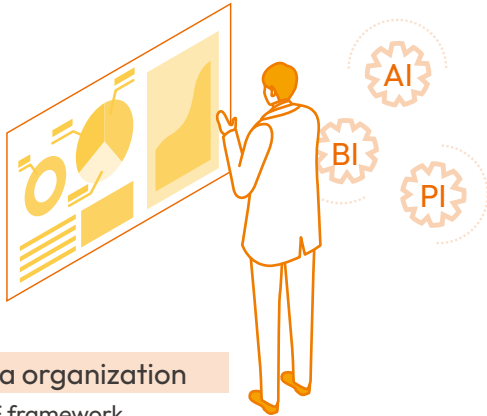
b) Digitization of product information

By upgrading the measurement system, measurement results are directly integrated into the computer database. This not only prevents human transcription errors and rework but also reduces paper consumption, advancing the Company's paperless goals. In addition, product analysis data can be statistically processed through the PI and Power BI systems to strengthen product quality control and improve quality.

2) Smart production

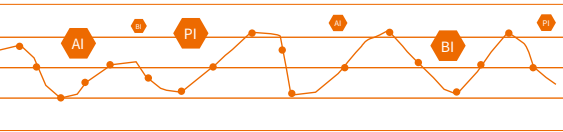
LCY Technology and the LCY AI team worked together to integrate process data and product information, using AI computing to identify correlations between processes and products and identify process influencing factors to establish a predictive AI model. The AI model can predict the current product quality and offer analysis to provide production units with dynamic optimal operating conditions. The AI model also engages in self-learning to gradually increase prediction accuracy and optimize product quality stability.

The establishment of a predictive AI production model changes how information is gathered, promoting a data-driven framework that enhances logical decision-making, information visualization, automated reporting, and real-time process monitoring. This enables LCY Technology to advance from controlling the quality of finished products and managing process parameters to predictive production modeling, further improving product yield and profitability.



Data organization

- AF framework
- AF formula filtering
- AF calculation and backfill
- OOC alert



Data analysis and application

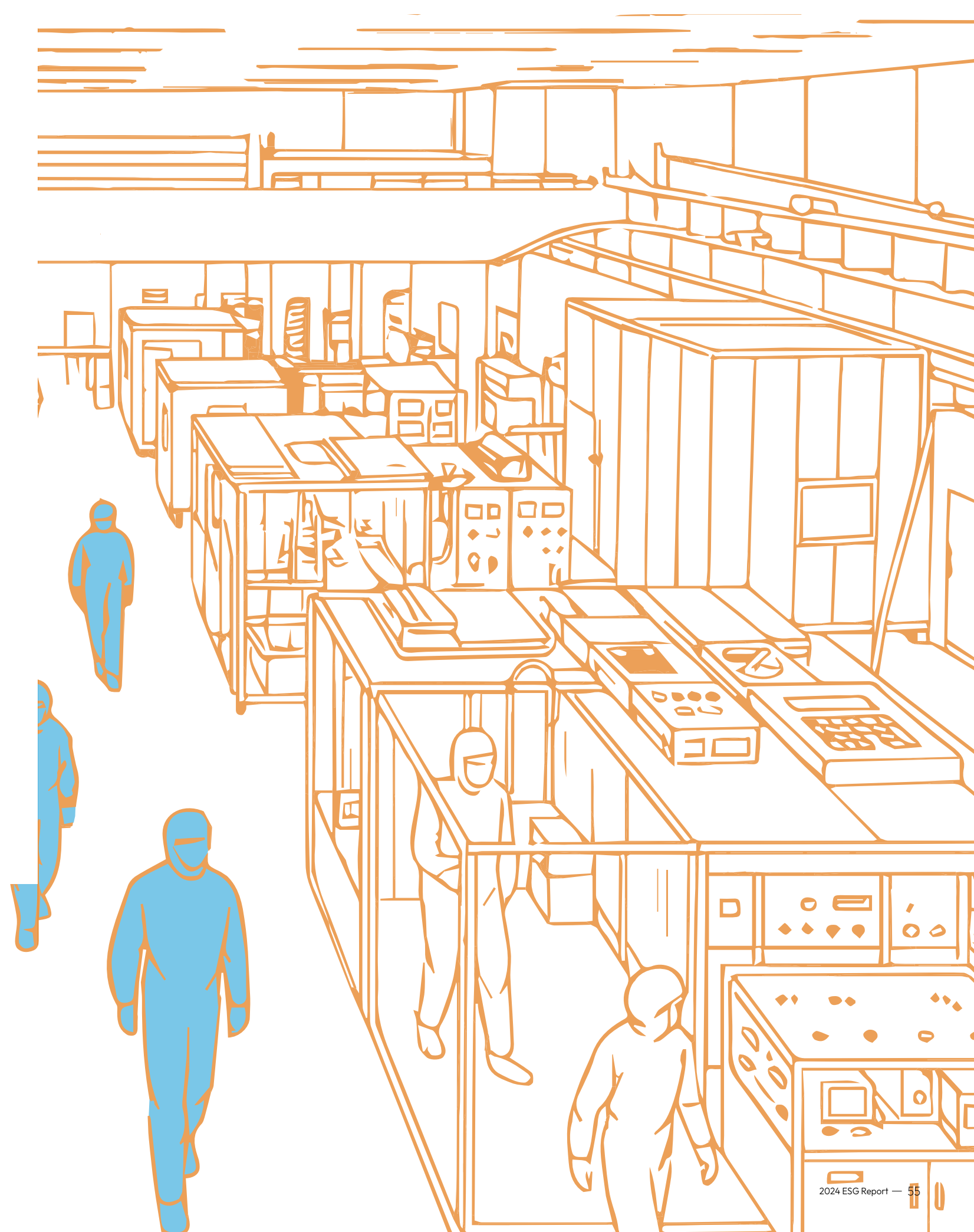
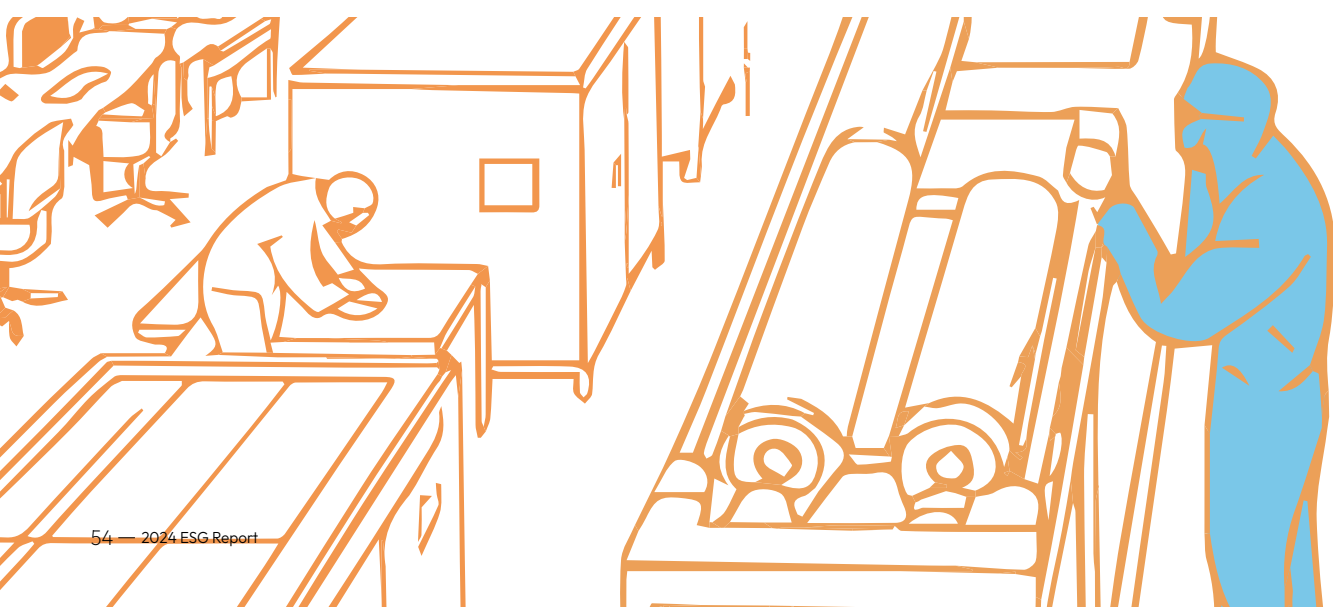
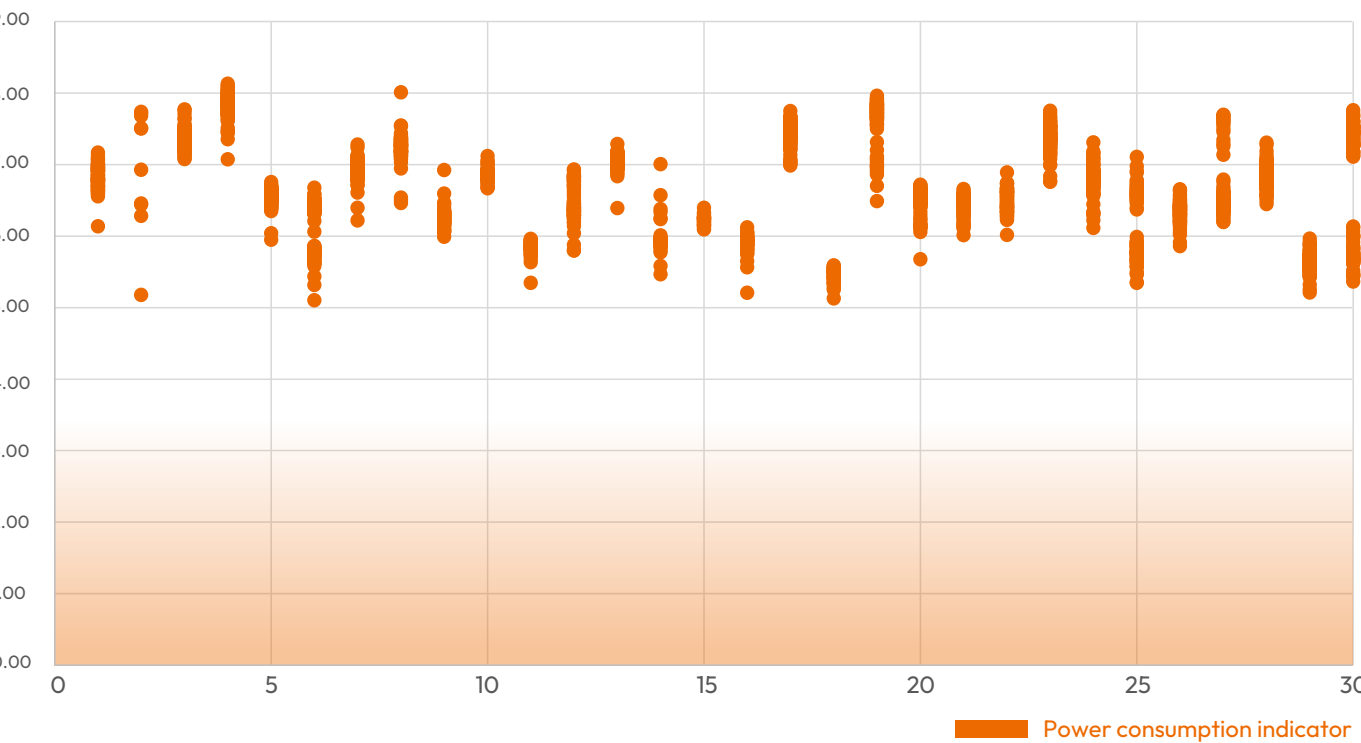
- PI Visualization Tools
- Database Integration
- PI + PowerBI

Digitization of Plant Information

With the digitization of plant information, management can track safety-related equipment information, wastewater treatment data regarding environmental protection, and product quality information in real time on mobile phones or tablets. This overcomes the limitation of data being confined to on-site control rooms, allowing real-time information to be transformed into immediate action, and significantly improving communication efficiency.

Digitized information such as plant equipment can be summarized and analyzed with the Power BI report tool. Under strict adherence to MOC procedures, this information can serve as a reliable basis for abnormality alerts. It can be used to optimize the system, reduce false alarms, alleviate operator stress, and shorten incident response times. This enables personnel to focus on handling other unexpected abnormalities, thereby reducing the risk of accidents and improving the plant's real-time monitoring and management of safety, environmental protection, and quality. In 2024, by integrating electrical and instrumentation data, a new equipment power consumption table was added to automatically tally the power consumption of each equipment, breaking the data down by machine to provide clear guidance for energy-saving measures.

Electricity Consumption Table



02

Integrity, Innovation, and Teamwork

100% In 2024, the parental leave return rate reached 100%, and certain parking spaces were reserved for pregnant employees.

100% Bonuses are awarded based on company performance and individual achievements, with 100% of full-time employees participating in performance evaluations.

0cases Full compliance with ESH regulations across the plant; 0 fines (including deferred penalties) in 2024

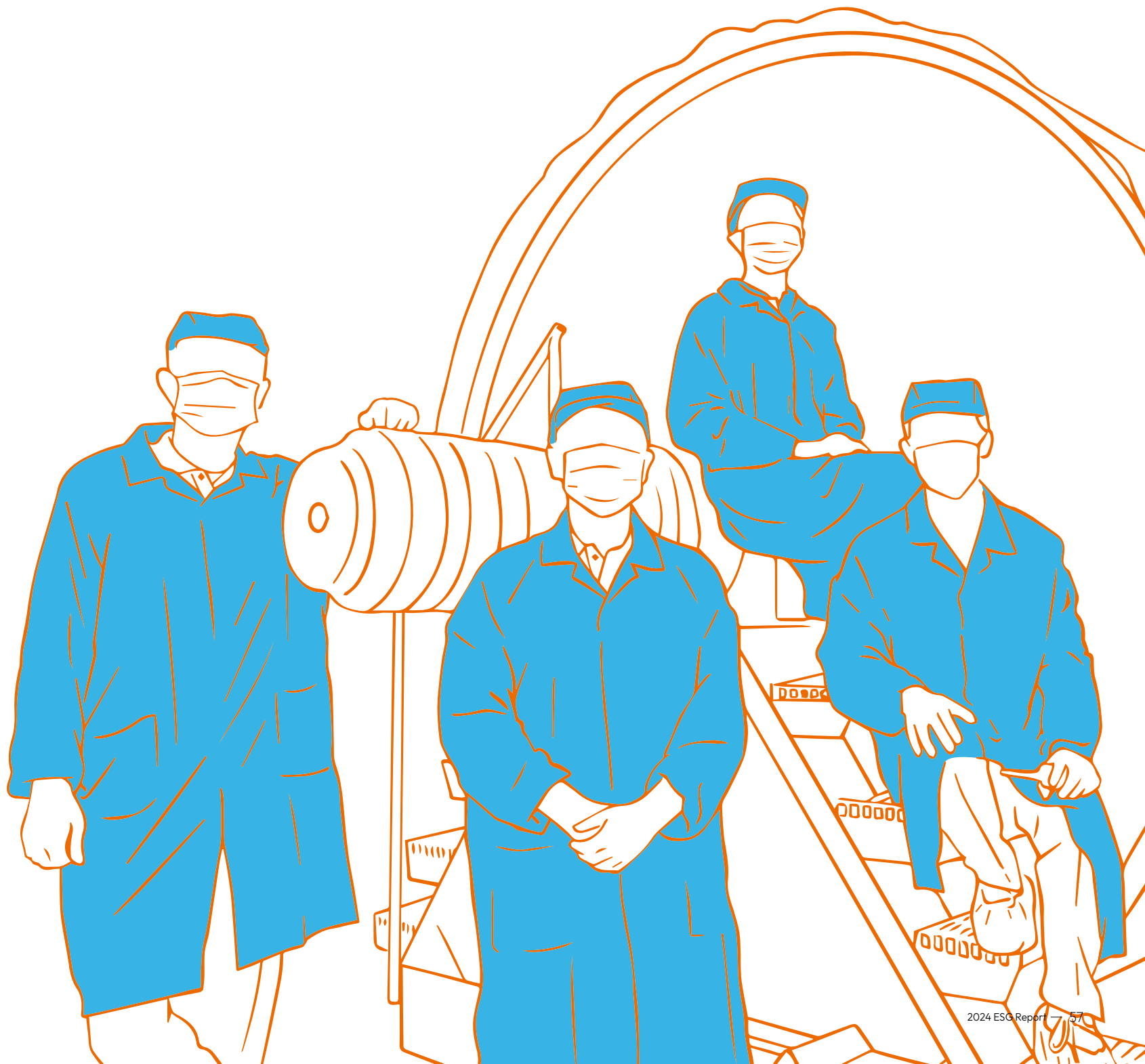
100% 100% participation rate in employee health checkups, with high-risk individuals receiving follow-ups from healthcare professionals.

Pass Passed the Ministry of Labor's TOSHMS performance audit, valid from 09/09/2024 to 09/08/2027

90% Increased localized procurement, with domestic purchases accounting for up to 90% of total procurement.



- Supplier management
- Purchased Materials
- Talent Cultivation



2.0 Occupational Health and Safety Management

In the interest of employee occupational health and safety, ensuring workplace safety, and establishing a safe and healthy work environment, LCY Technology established relevant management measures and procedures such as the “2601-ISO-02_Environment, Health, and Safety Management Manual” in accordance with “ISO 45001:2018 Occupational Health and Safety Management System” , “TOSHMS Taiwan Occupational Health and Safety Management System” , and local laws and regulations. By implementing the PDCA model and conducting regular internal and external audits, the Company aims to effectively prevent workplace incidents and strive for its management goal of “zero accidents” . LCY Technology will gradually optimize the Occupational Health and Safety Management System and promote a strong safety culture.

I. Environmental, Health, and Safety Policy

Implementing environmental protection measures is an important management objective of LCY Technology. The Company adopted ISO 14001 Environmental Management System in 2002 and has continuously optimized its practices. Effective environmental protection reflects the utmost respect and care for people, ecosystems, and equipment. Therefore, all activities in the plant are required to meet or even exceed legal standards in hopes of achieving zero accidents. In terms of health and safety policies, LCY Technology has established a comprehensive safety culture, beginning with cultivating employee awareness of occupational health, safety, and 5S practices. Employees are trained to identify hazards, conduct self-inspections, follow standard operating procedures, troubleshoot abnormalities, and respond to emergencies. Each employee is made aware of their health and safety responsibilities, thereby enhancing their independent health and safety management capabilities so that the Company can advance towards the goal of zero incidents, zero accidents, and zero occupational diseases.



Environmental Policy

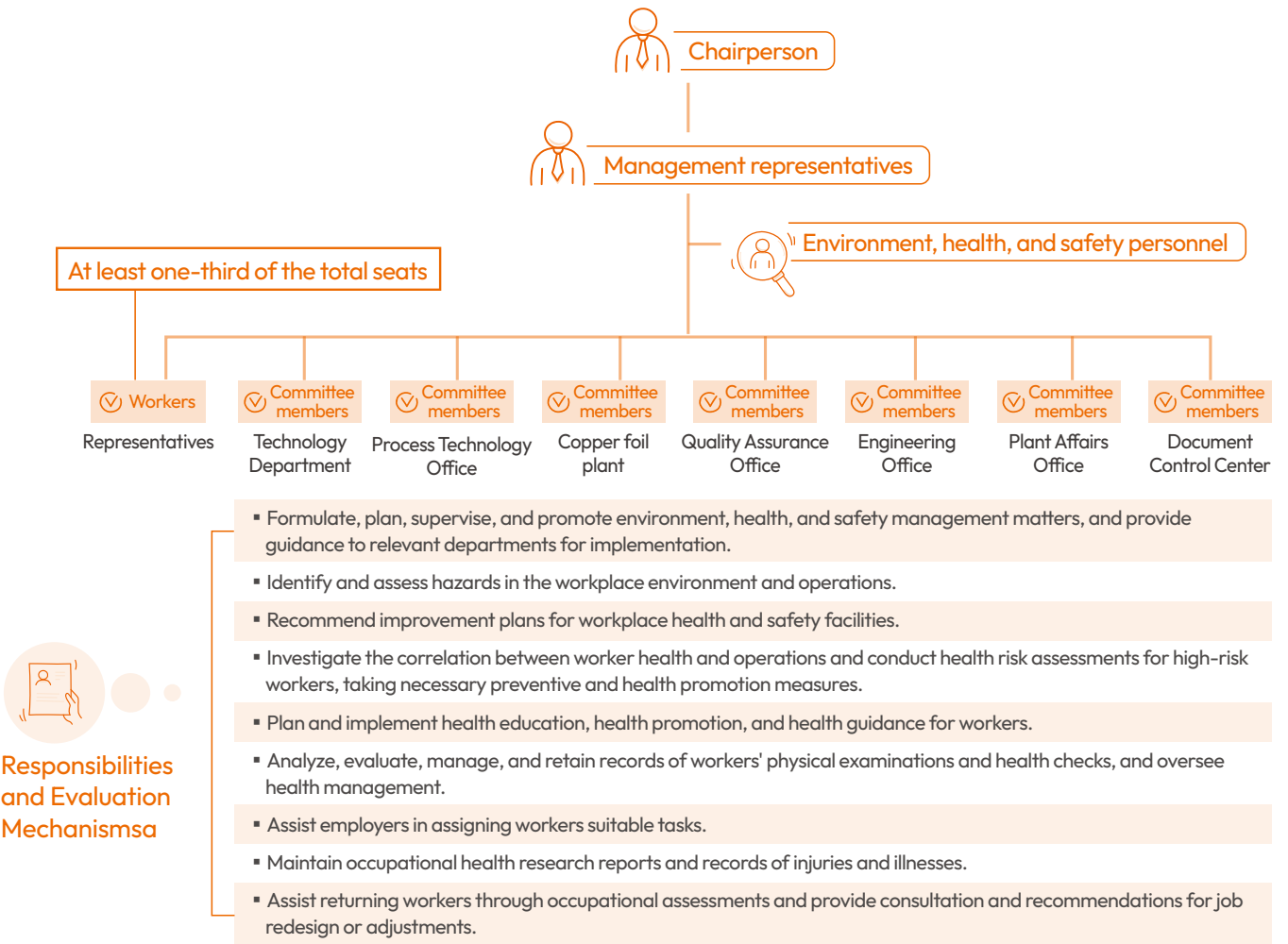
- Respect for Human Life
- Observe Regulations
- Prevention of Pollution
- Sustainable Operations
- Continuous Improvement

Health and Safety Policy

- Self-awareness upon safety and health conscience
- Safety and health training upon prevention
- Spontaneity upon safety and health behaviors
- Harmlessness upon safety and health environment
- Zero-hazard upon safety and health

II. Environment, Health, and Safety Management Committee (Amendment to the Organizational Chart)

The "Environment, Health, and Safety Management Committee" is LCY Technology's highest decision-making body for environmental, health, and safety matters. It is comprised of representatives from both labor and management. The committee operates in accordance with the Company's “2601-ISO-02_Environmental and Health and Safety Management Manual” , with the plant director serving as chairperson. The Management Representative is the supervisor of the Occupational Safety and Environmental Protection Office; in addition to department supervisors, the committee’s procedures also stipulate that the committee must include “worker representatives elected by all employees through the employer-employee meetings” , and that “worker representatives must account for more than one-third of the total number of committee members.” Worker representatives actively participate in the “Environment, Health, and Safety Management Committee” and review various matters, including the provision and implementation of resolutions passed by the “Environment, Health, and Safety Management Committee” (see Responsibilities and Evaluation Mechanisms). The committee meets at least once every three months. In 2024, the attendance rate of worker representatives exceeded 1/3 of total seats.



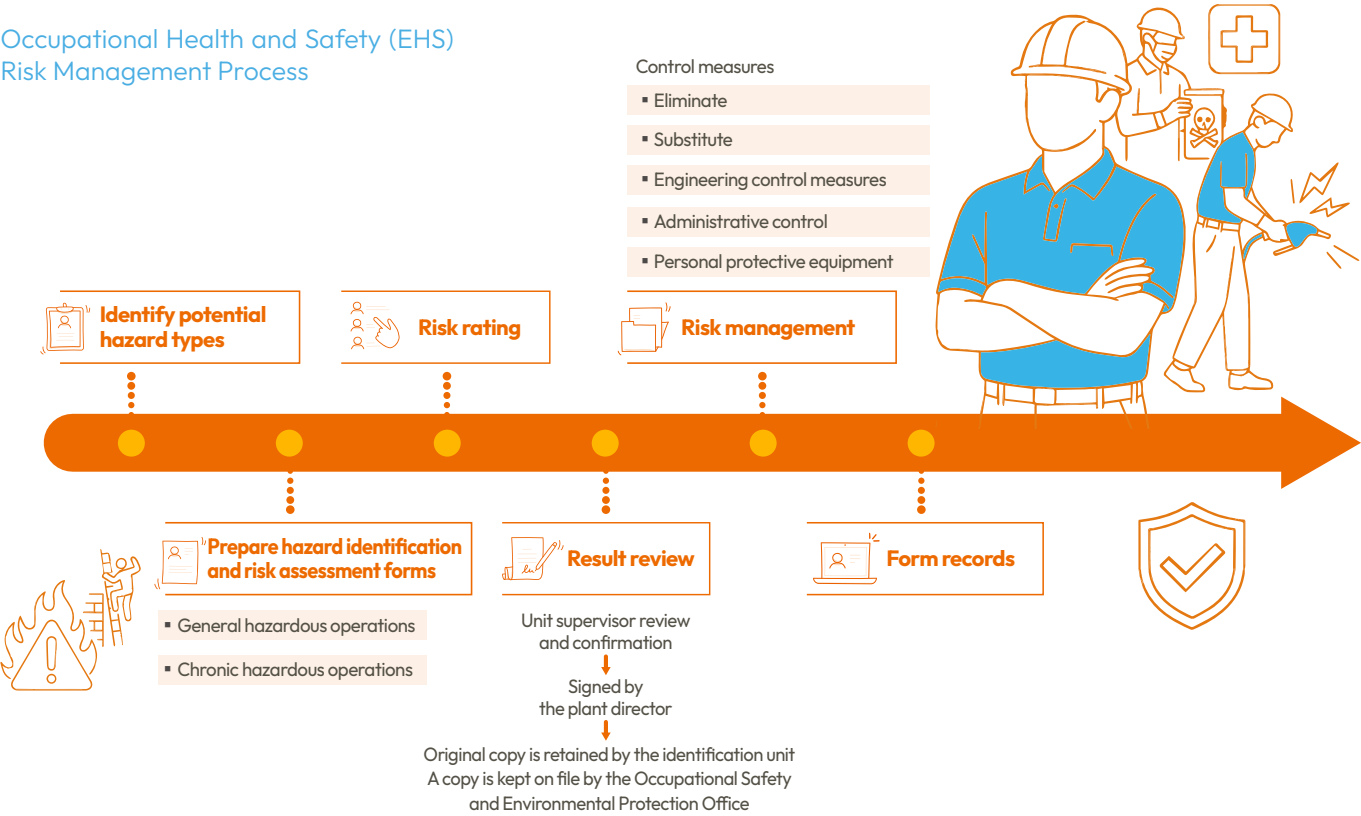
III. Occupational Health and Safety Training

Production plant	Workers	Content	Total training hours	Total number of trainees	Average training hours
Copper foil plant	Employees	Mandatory training	450	90	5
		Health and safety training (including emergency response)	1592	796	2
	Contractors	Health and safety training (including emergency response)	388	388	1

IV. Hazard Identification, Risk Assessment, and Corrective Actions

To address hazardous factors arising from all production-related activities (this applies to activities within plant premises and those involving contractors), LCY Technology has formulated the “2661-SHC-02_Hazard Identification and Risk Assessment Procedures” to assess associated occupational health and safety risks and integrate regulatory compliance audits as well as reviews of past incidents to ensure effective control and management of significant risks.

Occupational Health and Safety (EHS) Risk Management Process



V. Accident Investigation and Reporting Management

On July 12, 2024, LCY Technology reported one occupational accident case (fall, see Occupational Accident Statistics for details). In addition to reporting the incident to the competent authority and all levels of the Company in accordance with the “2661-SHC-06_Accident Investigation and Reporting Management Procedures”, the incident investigation report was completed within the mandated timeframe (seven days) to clarify the cause of the incident and potential risks. Subsequent preventive and corrective measures have been implemented and verified to prevent recurrence.

Incident Investigation Procedures



Occupational Accident Statistics

Region	Production plant	Category	Number of fatalities ^[Note 1]	Number of severe occupational injuries ^[Note 2]	Number of occupational injuries ^[Note 3]	Near miss	Total work hours	Total hours	All-incidence rate (MSHA)			Near miss frequency rate (NMFR)(number of cases x 200,000)/total work hours	Occupational disease rate
Taiwan	Taipei	Employees	0	0	0	0	34,488	34,488	0	0	0	0	0
		Non-employees	0	0	0	0	0		0	0	0	0	0
	Copper foil plant	Employees	0	1	0	25	322,482	329,226	0	0.62	0	15.5	0
		Non-employees ^[Note 4]	0	0	0	0	6,744		0	0	0	0	0

Note 1: Death, or work-related injury resulting in the death of an employee on mining property. (Number of fatalities)

Note 2: Non-fatal, days lost (NFDL) cases or occupational injuries or illnesses that result in one or more days of lost scheduled work, or days during which the employee performs restricted or modified duties. (Incidents resulting in work hours lost)

Note 3: No lost days (NDL) cases or incidents that require only medical treatment (except for first aid); in other words, non-fatal injury cases involve incidents that result in loss of consciousness or medical treatment beyond first aid. (Incidents with no work hours lost)

Note 4: Non-employees refer to the 3 contract workers stationed in the plant. Their responsibilities primarily involve workplace cleaning, sanitation, and general maintenance.

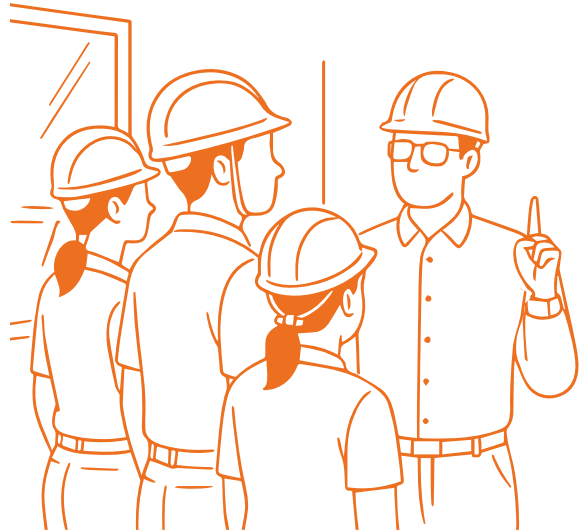
MSHA all-incidence rate/near miss frequency rate (NMFR: near miss frequency rate): (number of cases x 200,000)/total work hours

VI. Promoting a Safety Culture

LCY Technology has organized a series of internal seminars to promote a safety culture, with top-down communication through awareness sessions followed by bottom-up feedback briefings. Additionally more comprehensive and extensive recurring activities are organized to enhance awareness and participation, gradually establishing a well-rounded company safety culture.

In these promoting safety culture activities, every member of the organization has a role and responsibility to fulfill.





Within our organization, every member is encouraged to be proactive, to be a little nosy, maybe nag a little, and look out for each other through patient assistance and reminders (walk-through audits, behavior-based observations, near-miss reporting, etc.). We aim to transform safety from rule-based compliance into a shared habit, and hope that everyone can care for the company and fellow colleagues like family.

- ✓ Treat workplace safety as personal well-being: Remind each other out of care, not for rewards.
- ✓ Treat environmental protection as a personal concern: Stay mindful, prioritize it, and look out for one another through timely reminders



- Behavior-based safety observation reporting
- Walk-through audit reporting
- False alarm reporting



Distribute incentives:
Select five best reports each month

- Reporting, review, improvement, and follow-up of abnormal incidents
- Promote EHS information on the bulletin board
- Mandatory education and training
- SOP/DST (Department Skill Training) - operational procedures and skills
- Semi-annual OJT (Off Job Training) - health and safety, fire safety, traffic safety, and process incident response
- A relevant incident case study is chosen monthly for group discussions and a plant-wide meeting at the end of the month
- Incentives for improvement proposals
- Group-wide joint inspections across different plants
- Third-party (certification bodies, customers) audits and site visits
- Conduct monthly 5S inspections

In addition to routine SOP/WI training and legally required certification training, the Company also organizes mandatory training on “defensive driving” and “scooter riding safety” for employees who commute to work by scooter to prevent commuting-related traffic incidents. The Company also encourages and provides subsidies for employees to take public transportation or carpool, and provides shuttle buses. The goal is to enhance employees’ understanding of proper defensive driving practices and hazard prediction skills, thereby reducing the risk of commuting-related accidents. At the same time, physicians and nurses specializing in occupational health and safety are commissioned every year to assist the Company with employee health management, health promotion, and relevant services. Employees with abnormal health check-up results are placed under risk monitoring and provided with necessary consultations, health assessments, guidance, and counseling. The Company also allocates annual bonuses to encourage participation in health promotion activities with effective outcomes. LCY Technology also actively supports environment, health, and safety related initiatives organized or promoted by government agencies (see table below for details).

Regarding non-employees, LCY Technology requires employers to provide proof of labor insurance coverage (including accident insurance) for their employees. Before entering the plant, workers must first undergo training arranged by the Company on occupational health and safety, environmental protection regulations, the work environment, and relevant hazards. Only those who pass the assessment will be issued a valid work permit will workers be issued a work permit for the plant.

Active Participation in Government EHS Initiatives in 2024

Item	Date	Summary
1	2024/1/18	Participated in the “2023 National Occupational Safety and Health Week Activity Implementation Program” implemented by the Occupational Health and Safety Administration of the Ministry of Labor, and was awarded a Certificate of Participation for the Company’s involvement in National Occupational Safety and Health Week activities.
2	2024/1/30	Awarded the “Badge of Accredited Healthy Workplace - Smoke-free & Health Promotion” by the Health Promotion Administration of the Ministry of Health and Welfare.
3	2024/5/15	Awarded a Certificate of Appreciation from the Xiaogang District Health Center of the Kaohsiung City Government for supporting its “Workplace Employee Health Literacy Program” .
4	2024/5/24	Awarded an “Air Quality Purification Area Excellent Adoption” trophy by the Kaohsiung City Environmental Protection Bureau.
5	2024/8/21	Awarded a certificate by the Industrial Safety and Health Association of the R.O.C. recognizing a cumulative total of 2,434,247 disaster-free work hours (2017/11/18 to 2024/6/30).
6	2024/12/6	Extension for the “TOSHMS Performance Review” was approved by the Ministry of Labor, Executive Yuan for another 3 years (2024/09/09 to 2027/09/08).
7	2024/12/19	LCY Technology hired a clinic to administer fully subsidized flu vaccines to its employees on-site.
8	2024/12/30	Awarded a Certificate of Appreciation by the Xiaogang District Health Center of the Kaohsiung City Government for participating in the 2024 “Go Healthy Kaohsiung” occupational safety program.

2.1 Talent Management

LCY Technology regards talent and safety as the cornerstones of sustainable social and corporate development. To that end, the Company provides every employee with a comprehensive and competitive compensation system and welfare, including leave policies that exceed the requirements of the Labor Standards Act, group insurance, an employee stock trust, health check-ups, and various employee club activities. At the same time, the Company strongly opposes all discriminatory behaviors and remains committed to providing a workplace environment with mutual respect and trust. LCY Technology gladly shares its operational success with employees, encouraging talents to fully apply their strengths through an incentive-based performance compensation system to foster a happy and friendly workplace.

Theme	Goals	Current status (2024) →	Short term (2025) →	Medium term (2027) →	Long term (2030)
Talent cultivation and embracing diversity	Improve employee satisfaction	Plan and implement 2024 employee satisfaction surveys. Note: Survey conducted once every two years.	Review the 2024 survey results and evaluate the next survey institution.	Continue to track improvements related to employee satisfaction.	Continue to track improvements related to employee satisfaction.
	Improve employee work performance	Introduced the Employee Assistance Program (EAP) in 2023 to provide professional psychological counseling and seminars.	Help employees resolve various mental and behavioral problems and improve their performance in the Company.	Help employees resolve various mental and behavioral problems and improve their performance in the Company.	Help employees resolve various mental and behavioral problems and improve their performance in the Company.
	Strengthen corporate competitiveness	Established talent pipelines and optimized the talent review process, providing organizational support and assisting all departments in completing talent assessments.	Achieve a 70% completion rate of talent pipeline assessments for senior management positions.	Achieve an 80% completion rate of talent pipeline assessments for mid- to senior-level managers, and an 80% completion rate of talent pipeline assessments for senior management positions across global operation sites.	Achieve an 90% completion rate of talent pipeline assessments for mid- to senior-level managers, and an 90% completion rate of talent pipeline assessments for senior management positions across global operation sites.
	Continue to reinforce a culture of equality	In terms of compensation and welfare, including promotions, welfare, and bonuses, regard all talents as key to sustainable growth and operations without distinguishing the gender or race of employees.	In terms of compensation and welfare, including promotions, welfare, and bonuses, regard all talents as key to sustainable growth and operations without distinguishing the gender or race of employees.	In terms of compensation and welfare, including promotions, welfare, and bonuses, regard all talents as key to sustainable growth and operations without distinguishing the gender or race of employees.	In terms of compensation and welfare, including promotions, welfare, and bonuses, regard all talents as key to sustainable growth and operations without distinguishing the gender or race of employees.
Ensure employee health and safety	Reduce employee health and safety risk factors	Encourage and fully subsidize employees to receive self-paid flu vaccinations. The vaccination rate in 2024 was 28%.	Establish statistical data based on the "Prevalence Rate of Major Diseases in Taiwan" to comprehensively improve work environments and eliminate risk factors for employee health and safety.	Ensure the prevalence rate of major diseases among full-time employees is lower than the average in Taiwan. This includes setting physical and mental health goals for employees.	<ul style="list-style-type: none"> • Reduce the prevalence rate of major diseases to below the industry average. • Maintain zero employee turnover rate due to health reasons. • Achieve work environment CO₂ levels lower than national standards.
	Implement employee health management	The employee health examination participation rate reached 100%. On-site nurses or occupational health and safety management personnel will continue to reach out to and follow-up on employees identified as high-risk based on health examination results.	Provide employees with comprehensive health examinations based on their work environments.	Provide necessary health plans according to different work environments.	Reduce the annual group insurance claims ratio by 10%.

I. Human Rights Policy

In early 2022, the Company announced its Human Rights Policy and simultaneously conducted related education and training through the “Trust and Respect” workshop. An employee communication mailbox (gmlcyt@lcygroup.com) was established to allow employees to express opinions or suggestions. In 2024, there were no incidents of discrimination, violations of freedom of association or collective bargaining rights, child labor, or forced/compulsory labor.



• Human Rights Management Mechanisms and Implementation Measures

Respect human rights in the workplace	<ul style="list-style-type: none"> Provide equal employment opportunities and promote an inclusive and diverse workplace environment. Employees are not treated differently due to race, class, language, religion, political affiliation, nationality, gender, sexual orientation, age, or marital status in terms of employment, education and training, compensation and welfare, retirement, layoff, resignation, or dismissal. The Company implements workplace diversity, by ensuring there is no discrimination based on race, class, language, religion, political orientation, place of birth, gender, sexual orientation, age, marital status, disability, blood type, etc. The Company also prohibits human rights violations such as forced labor, child labor, and human trafficking. The Company's Work Rules strictly prohibit the hiring of individuals under the age of 15. Neither the Company nor its plant use child labor under the age of 16.
Design compensation and welfare policies based on the principle of equality	<ul style="list-style-type: none"> Comply with laws and regulations related to compensation and work hours, and optimize the compensation structure on the principle of equality. Establish the relative position and value of each position within the organization, with the difference in compensation coming from different functions and responsibilities.
Respect the freedom of association	<ul style="list-style-type: none"> Encourage employees to establish clubs and participate in club activities. Provide diverse and open communication channels, regularly holding employer-employee meetings/employee representative meetings to foster harmony between labor and management and build positive labor-management relations.
Create a safe, healthy, and happy workplace environment	<ul style="list-style-type: none"> Establish a safe and healthy work environment to reduce workplace health and safety risks, improve employees' physical and mental health, and help employees achieve work-life balance. Publicly and explicitly oppose discrimination and all forms of harassment, bullying, and workplace violence in the Employee Code of Conduct and Sexual Harassment Prevention Regulations. The Company values maternal health protection, providing paid maternal leave and parental leave that exceeds the requirements of the Labor Standards Act, as well as designated parking spaces set aside for pregnant employees.

• Parental Leave Usage in 2024

The Company offers parental leave to support workers in balancing work and family responsibilities. The relevant statistics are as follows:

Item	Female	Male	Total
Total number of employees that were entitled to parental leave in 2024 (a)	3	15	18
Total number of employees that took parental leave in 2024 (b)	3	3	6
Total number of employees that should return to work after the end of their parental leave in 2024 (c)	1	3	4
Total number of employees that returned to work during the reporting period after the end of their parental leave in 2024 (d)	1	3	4
Reinstatement rate (c/d)	100%	100%	100%
Total number of employees that returned to work during the reporting period after the end of their parental leave in 2023 (e)	0	0	0
Total number of employees that returned to work after parental leave ended that were still employed 12 months after their return to work in 2023 (f)	N/A	N/A	N/A
Retention rate 12 months after reinstatement (e/f)	N/A	N/A	N/A

Note: Parental leave is defined as the type of leave in which an employee applies for extended unpaid leave to care for their child.

II. Talent Structure and Management

Employees are the driving force behind the Company's continuous progress and a strong pillar of support for sustainable development. LCY Technology treats all employees based on their professional competencies, with a strong emphasis on equality and diversity. In 2024, the total number of employees at LCY Technology was 195, of which full-time employees accounted for 98% of total employees, while temporary employees accounted for 2%. Due to the nature of the industry, male employees account for 90% of total employees and female employees account for 10%. In 2024, a total of 27 new employees were hired, and 32 employees resigned. Non-employees include temporary personnel, contract personnel (security/cleaning service providers/on-site drivers), and contractors, etc.

• 2024 Employee Statistics

A. Total number of employees classified by gender, region, and employment contract* (permanent and temporary)

Employment contract	Gender	Taipei Office	Copper foil plant
Permanent	Female	11	7
	Male	7	167
Temporary	Female	1	0
	Male	1	1
Total		20	175

Note: Permanent employees refer to those with indefinite contracts, while temporary employees include those with fixed-term contracts and consultants.

B. Total number of employees classified by gender, region, and employment contract* (full-time and part-time)

Employment contract	Gender	Taipei Office	Copper foil plant
Full-time	Female	12	7
	Male	7	167
Part-time	Female	0	0
	Male	1	1

Note: Full-time employees refer to those who work more than or equal to the statutory working hours per week. Part-time employees refer to those whose weekly working hours are less than the statutory working hours.

C. Number of employees

Year	Total number of employees	Percentage of increase/decrease
2024	195	-1.52%
2023	198	-11.21%
2022	223	-1.76%
2021	227	0.89%
2020	225	-1.32%

Note: There were no significant changes in the number of employees during the reporting period; no assumptions were made during the compilation process.

• 2024 New Recruit Statistics

The Company arranges for new recruits to receive general training on their first day to introduce them to the Company's organization culture and system, strengthen their sense of belonging and cohesion with the Company, and help them quickly familiarize themselves with departmental functions, thereby accelerating their integration into the work environment. Through relevant training arranged by department supervisors, new recruits can gain a clear understanding of their new work environment and responsibilities, while acquiring the professional knowledge and skills needed for their roles. In addition, all new recruits of the Company receive 4 hours of occupational health and safety training and on-site safety training to ensure their safety in the workplace.

Female				Male		
Age range	< 30 years old	31-50 years old	>51 years old	< 30 years old	31-50 years old	>51 years old
Taipei Office	3	0	1	0	2	0
Copper foil plant	0	0	0	5	15	1
Total		4			23	
New recruit rate		2.07%			11.92%	

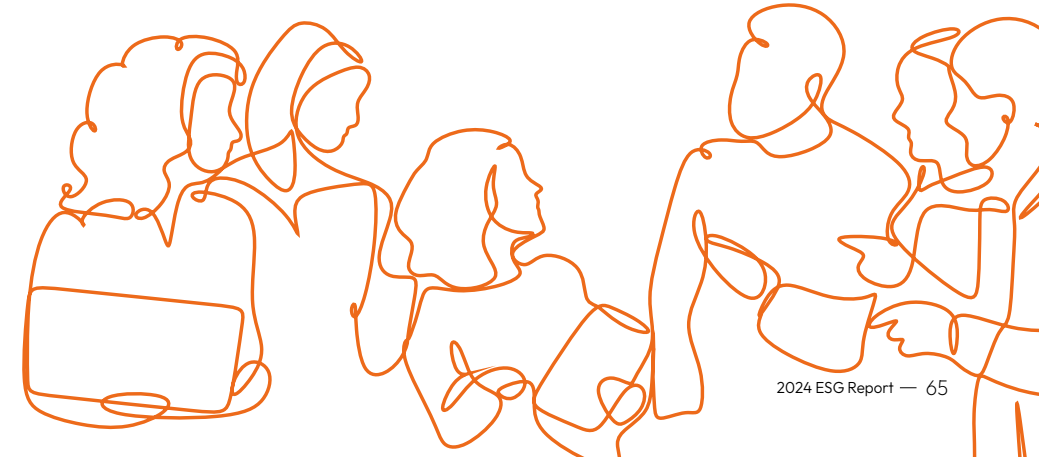
• 2024 Turnover Statistics

LCY Technology also has supervisors and HR personnel conduct resignation interviews with departing employees to learn about why they decided to resign, and make systematic improvements and follow-ups based on their response and suggestions.

Female				Male		
Age range	< 30 years old	31-50 years old	>51 years old	< 30 years old	31-50 years old	>51 years old
Taipei Office	1	1	0	0	0	1
Copper foil plant	0	0	0	4	24	1
Total		2			30	
Turnover rate		1.04%			15.54%	

Note 1: Turnover rate = the number of employees who resigned / total number of employees.

Note 2: The number of employees who resigned does not include those whose employment contract expired, transferred within the Group, or took extended unpaid leave.



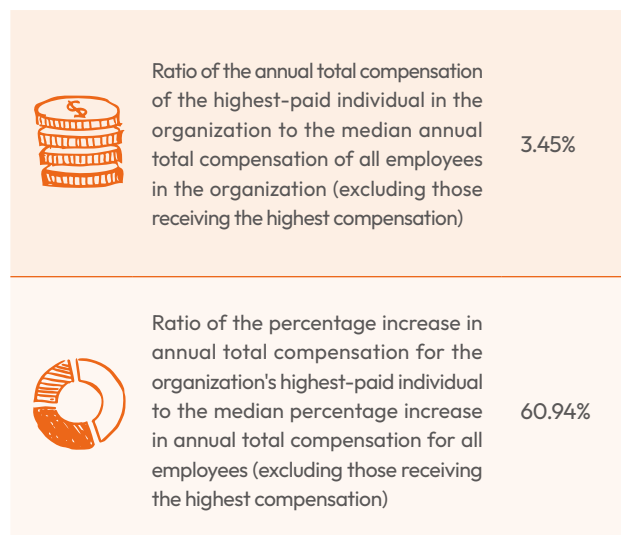
III. Robust, High-Quality Compensation and Benefits

LCY Technology regards “talent” and “safety” as the key to social and corporate sustainable growth and operations. To that end, the Company provides every employee with a comprehensive and competitive compensation system and welfare, including leave policies that exceed the requirements of the Labor Standards Act, group insurance, an employee stock trust, health check-ups, and various employee club activities. In 2024, LCY Technology invested NT\$255,558 thousand in employee compensation and benefits.

• Remuneration Policy

LCY Technology gladly shares its operational success with employees, encouraging talents to fully apply their strengths through an incentive-based performance compensation system to foster a happy and friendly work environment. The Company strongly opposes all discriminatory behaviors and remains committed to providing a workplace environment with mutual respect and trust. Referencing compensation market trends, company operations, and internal responsibilities, timely compensation adjustments are made according to market compensation trends, overall economic and industry changes, and relevant government regulations.

• Annual Total Compensation Ratio Unit: NTD thousand



• Reward System and Promotion Path

LCY Technology has established a comprehensive reward system. Based on the Company's operating performance and referring to the reward system of domestic industry peers, LCY Technology has designed a performance-differentiated reward distribution model that includes variable compensation such as quarterly and year-end bonuses, rewarding and recognizing employees' hard work and performance in a timely manner. At the same time, the Company is committed to strengthening its five core values of “Safety and Health”, “Honesty and Integrity”, “Accountability”, “Kaizen”, and “Co-creation”. Regular personnel review meetings are also held to evaluate employees from multiple aspects, including responsibilities, competencies, and seniority. Supervisors are encouraged to help employees plan career development paths and set goals. 100% of full-time employees of the Company receive performance evaluations.

• Competitive Compensation

Employee compensation is reviewed annually for market competitiveness. Through participation in global and local industry compensation surveys, the Company stays informed about compensation trends across different regions and benchmark companies, as well as regulatory standards and price indices. After reporting and approval by senior management, compensation policies across domestic and overseas operations are promptly adjusted. The strategic goal is to maintain sustainable business operations while offering externally competitive compensation standards.

Unit: NTD thousand

Annual total compensation	2024	2023
Average	1,002,589	920,584
Median	944,441	861,657

Note: This calculation includes all full-time employees, excluding those at the senior VP level or above. Those included in the statistics must have been employed for the entire year.

Percentage of Employees Receiving Regular Performance Evaluations

Item	Supervisors	Production technical personnel	Administrative personnel	Total
Female	5	3	11	19
Male	19	146	9	174
Total percentage	12.4%	77.2%	10.4%	100%

Note 1: Performance evaluations are only conducted on full-time employees (excluding 2 consultants who are temporary employees).

Note 2: Production technical personnel include engineers, technical engineers, and shift supervisors.

Note 3: Administrative personnel generally refer to non-production technical personnel and non-management level employees.

• Employee Welfare Committee and Diversified Activities and Subsidies

To uphold its principle of caring for employees, the Company's Employee Welfare Committee distributes cash bonuses for major holidays (Lunar New Year, Dragon Boat Festival, Mid-Autumn Festival, and Labor Day), as well as a cash gift for employees' birthday. The Company also provides travel subsidies in addition to various club activities and welfare measures.

• Flexible Working Hours and Leave System Exceeding Legal Requirements

LCY Technology actively upholds and protects employees' right to take leave, placing great importance on employees' physical and mental well-being. The Company offers paid leave that exceeds the requirements of the Labor Standards Act, including maternity leave, sick leave, and medical leave for surgery and hospitalization. In addition, flexible working hours are implemented for day-shift employees to help them avoid rush-hour traffic, thereby reducing stress and the risk of accidents.

• Incentive Measures to Improve Commuting Safety

In addition to providing free shuttle buses for employees to and from the plant, the Company also offers subsidies for employees taking public transportation (buses, trains, and MRTs). The purpose of these measures is mainly to maintain traffic safety for employees and reduce the risk of accidents from riding scooters while establishing a green environment with lower carbon emissions.

• Supplying Fresh Milk and Health Supplements

To boost employees' health and immunity, the Company provides a bottle of fresh milk each day to every on-site employee. On-site employees are also provided with lutein supplements to supplement nutrients needed for intensive eye use.

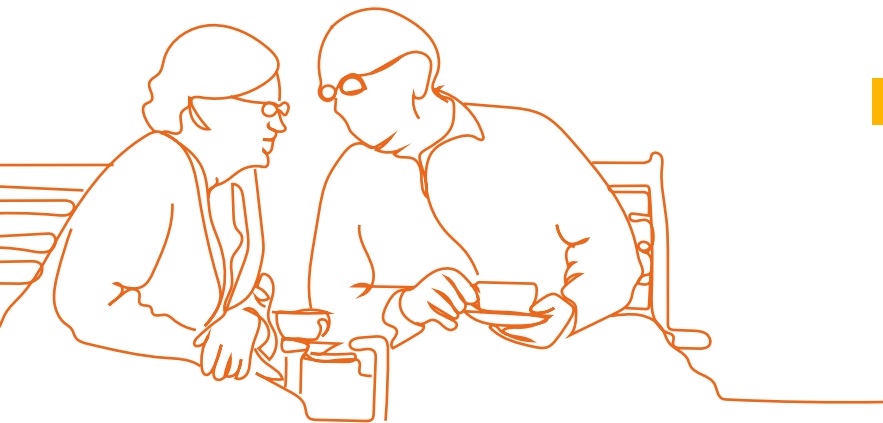
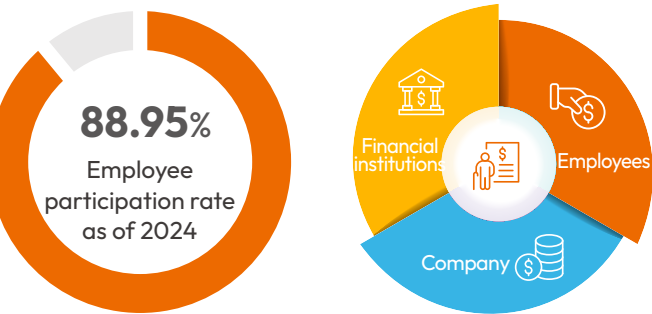
• Working Together with Employees to Create a Stress-free Retirement Life

To help employees develop lifelong financial capabilities, LCY Technology established an employee trust that employees can voluntarily opt in to. If employees allocate a portion of their monthly compensation to a dedicated personal trust account, the Company will match it with a certain percentage of incentives. This encourages long-term saving and wealth accumulation, helping employees achieve a secure and worry-free retirement. In 2024, the employee participation rate of the trust program increased to 88.95%.

• Employee Assistance Program

Employees experiencing major accidents or family health issues may apply for emergency assistance. The Company will provide short-term resources to help them overcome difficulties.

LCY Technology established an employee welfare trust, working with employees to give them a worry-free retirement life.



Employee Voluntary Contributions

In order to help employees develop lifelong financial well-being, the Company provides employees with the choice to participate in its trust program. Employees can choose whether to allocate a portion of their income to their trust account on a monthly basis, and adjust the proportion allocated as needed.

Company Incentive Contributions

The Company also allocates a monthly incentive contribution to employees participating in the trust program in an effort to continue encouraging and supporting employees in developing long-term saving habits and financial management competency.

Third-Party Financial Institution Management

The portion of compensation employees contribute to the trust, as well as the Company’s matching incentive contributions, are deposited monthly into a trust account managed by a third-party financial institution. This enhances asset protection while ensuring and fulfilling employee welfare and care.

IV. Diverse Recruitment and Training

LCY Technology is committed to pursuing exceptional talents and strengthening its organizational structure, providing diverse job opportunities through a comprehensive human resource policy, and establishing a well-rounded compensation and welfare system. The Company also upholds gender equality and non-discrimination when recruiting talents. Focusing on talent cultivation and caring for employees' career development, LCY Technology places great emphasis on embedding its core values of “Safety and Health, Accountability, Co-creation, Kaizen, and Honesty and Integrity” into the DNA of every employee through education and training, so that employees become the Company's strategic partners in building a culture of sustainability, ultimately achieving the goal of sustainable operations.

Commitments	<ul style="list-style-type: none"> Implement talent development within a "fair and rigorous internal and external recruitment process" as part of the Company's corporate sustainability goals. Value and enforce the Gender Equality in Employment Act, ensuring equal employment and promotion opportunities. Value employees' career development and provide diverse education and training.
Policies	<ul style="list-style-type: none"> Adopt a fair and rigorous internal and external recruitment process with the Company's core values—Safety and Health, Honesty and Integrity, Accountability, Co-creation, and Kaizen—as the criteria for talent selection. Provide comprehensive employee education and training. In addition to helping new recruits understand the Company's organization culture and system, strengthening their sense of belonging and cohesion with the Company, the training also enhances employees' level of professionalism.
Communication channels	<ul style="list-style-type: none"> Conduct regular employer-employee meetings to facilitate two-way communication in compliance with government labor laws and regulations. Each operational site conducts labor-management meetings on a quarterly basis. All employees are invited to participate in relevant meetings and engage in two-way communication on topics such as promoting labor-management cooperation, labor-management relationship coordination, improvement of labor conditions, and labor welfare planning. The Company has set up an employee communication mailbox at gm@lcygroup.com for employees to submit their opinions or suggestions.

1. Campus Youth Empowerment Project

In addition to cultivating talents within the Group, LCY Technology also actively collaborates with universities and colleges to inspire, encourage, and cultivate the next generation of talent, striving to make a greater contribution and positive impact on society.

2. Industry-Academia Collaboration

At campus recruitments, LCY Technology mobilizes senior executives, R&D units, engineers and other managers and employees within the Group to engage with students through presentations and Q&A sessions, giving them a preliminary understanding of the Company. The Company also actively participates in applied academic research, utilizing the R&D capabilities of universities and academic institutions to cultivate research talent and enhance product added value and management.

3. Referral Bonus Measures

To develop diverse talent recruitment channels, employees are encouraged to refer qualified talent to the Company, thereby enhancing the quality and efficiency of talent recruitment and accelerating the matching of talents needed by the Company. Once the Talent Recruitment Division receives the referral information, a referral bonus of NT\$5,000 is issued to the referrer the month after the referred talent is officially recruited.

4. Talent Cultivation Planning

The Company has established a comprehensive training framework based on its competency system, planning appropriate programs such as orientation training, professional training, management training at all levels, environmental health and safety training, and corporate values courses. These programs are delivered through in-person sessions and e-learning platforms to provide employees with well-rounded training. In addition to professional competency training, the Company also arranges job rotations for employees to accommodate their career plans and encourages employees to engage in diverse learning and self-development, striving to improve overall employee competence and ensure sound talent cultivation and growth.



A. Training Hours by Gender

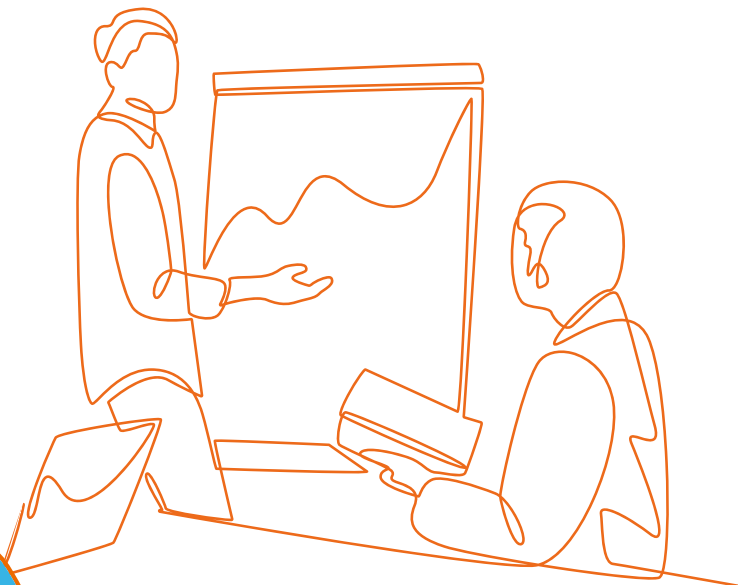
Item	Male	Female	Total
Total training hours	1962	329.5	2291.5
Total no. of employees	174	19	193
Average hours of training per employee	11.28	17.34	11.87

Note: Employees refer to full-time employees (excluding consultants, who are classified as temporary employees). Training hours do not include the number of training hours for new recruits in the current year.

B. Training Hours by Employee Category

Item	Supervisors	Production technical personnel	Administrative personnel
Total training hours	636.5	1342	313
Total no. of employees	24	149	20
Average hours of training per employee	26.52	9.01	15.65

Note: Employees refer to full-time employees (excluding consultants, who are classified as temporary employees). Training hours do not include the number of training hours for new recruits in the current year.



2.2 Supply Chain Management

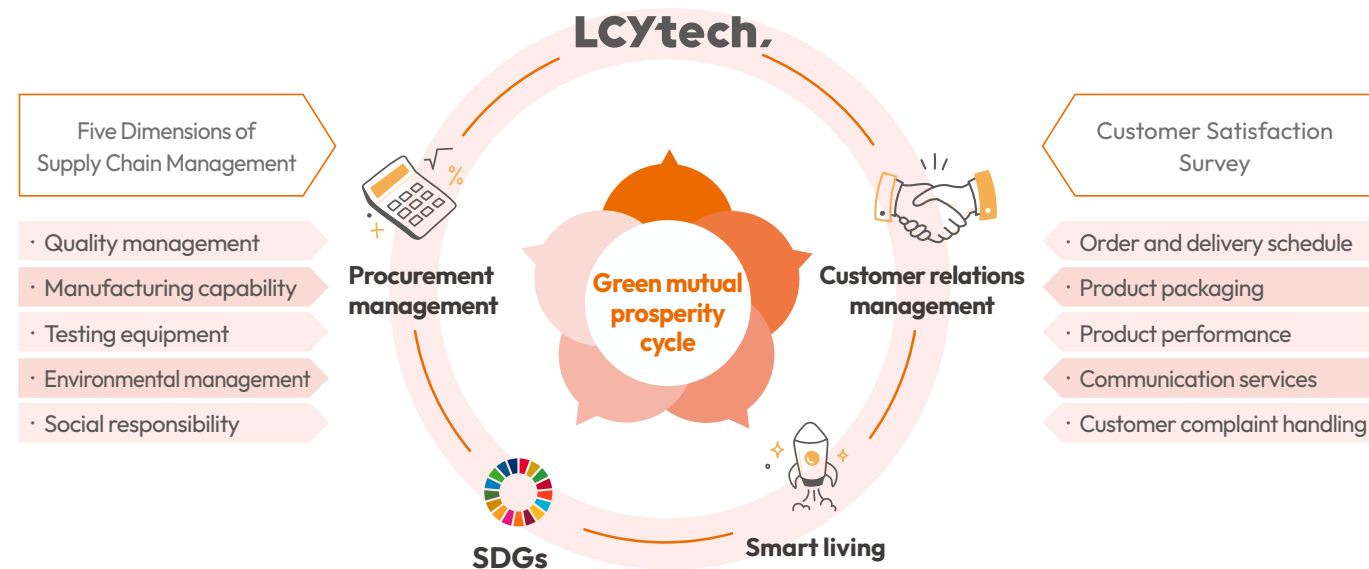
I. Reciprocal Prosperity, Partners in Sustainability

LCY Technology serves over 200 companies worldwide, with many customers that are among the world's top manufacturers. To provide customers with the highest level of assurance, LCY Technology collaborated with approximately 200 suppliers in 2024 to build a thriving and sustainable green industry supply chain.

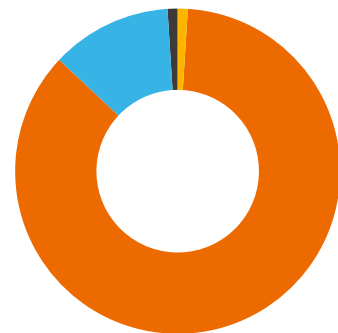
LCY Technology values upstream and downstream industry chain relationships, serving as a “trustworthy green electronics materials manufacturer” for downstream customers while helping upstream contractors and raw material suppliers improve their core capabilities and risk resilience. Through environmental protection measures such as power conservation, water conservation, carbon reduction, and waste reduction, as well as upholding human rights protection and social responsibilities, the Company aims to create a virtuous cycle of reciprocal prosperity.

Green Mutual Prosperity Cycle

The Company's green industry supply chain management is divided into two major aspects: “procurement management” and “customer relations management”.

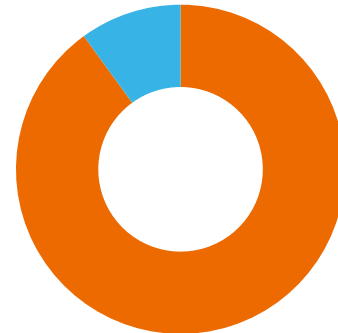


Supplier Category



■ Construction contracting 1%
 ■ Equipment and packaging 86%
 ■ Transportation 1%
 ■ Raw materials and secondary materials 12%

Localized Procurement

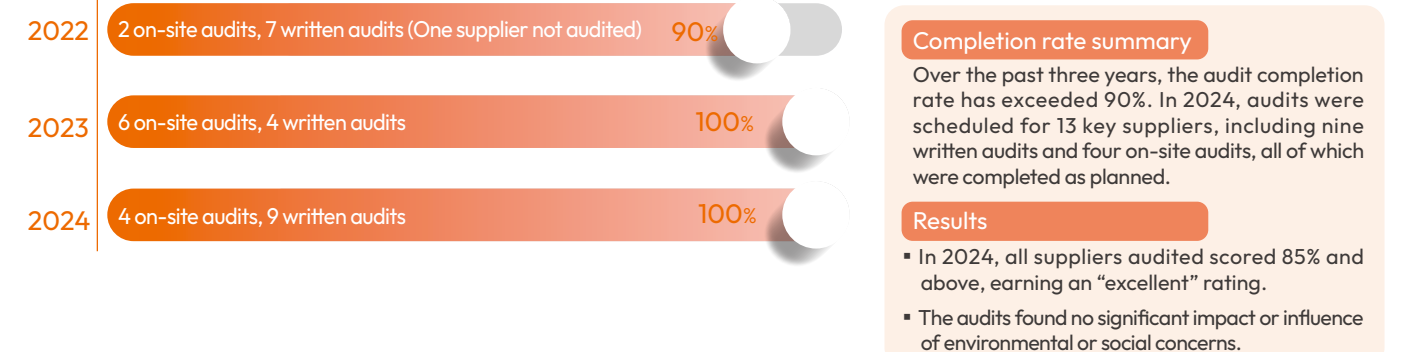


■ Domestic 90%
 ■ Overseas 10%

II. Supply Chain Management

Every year, LCY Technology forms an evaluation team composed of plant affairs, procurement, and various requisitioning departments to compile an annual supplier audit plan based on procurement categories. For important suppliers of raw materials, equipment, packaging materials, and transportation services, units using the products or services, along with the plant's Quality Control Division, work with the Procurement Division to audit and evaluate them based on the five dimensions of supply chain management. The audit explicitly includes requirements related to environmental management performance. If major deficiencies are found, suppliers are asked to make immediate improvements, which the Company will actively monitor and track. Procurements from such suppliers are suspended until improvements are made.

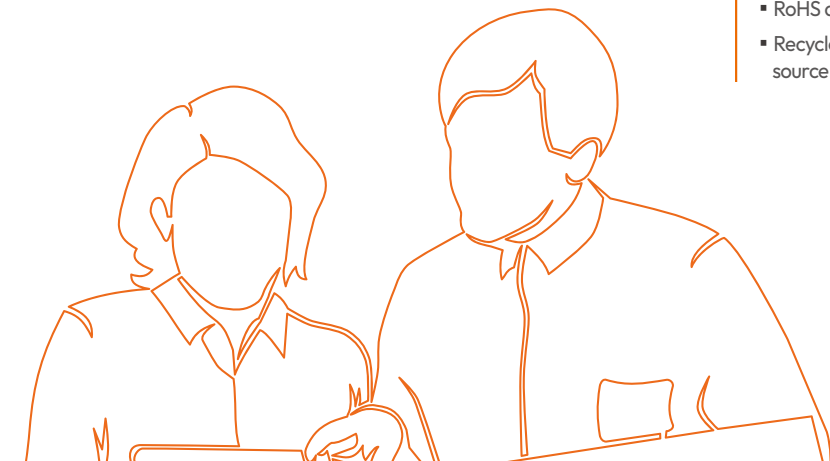
1. 2024 Supply Chain Audits



2. Five Dimensions of Supply Chain Management

LCY Technology adheres to the five dimensions of supply chain management to continue improving the proper operation of its supply chain. The Company's key raw material is recycled copper wire. Upholding the principle of circular economy, LCY Technology requires copper wire suppliers to use 100% recycled copper wire as raw materials to reduce environmental impact. At the same time, all suppliers are required to provide a "Conflict Mineral Free Declaration" and "RoHS Report". The procurement of construction materials will move towards the adoption of green building standards, while waste disposal must comply with government regulations to ensure legal disposal, thereby protecting human health and the environment. Regarding global labor and human rights, LCY Technology strictly prohibits suppliers from using child labor or forced labor. Each year, through a routine supplier evaluation mechanism, the Company evaluates the implementation of corporate social responsibility across the supply chain.

Five Dimensions of Supply Chain Management



III. Supplier Risk Management

To implement the five dimensions of supplier management, LCY Technology has established company guidelines that it follows to conduct annual supplier evaluation and tracking. This process is jointly overseen by the procurement and quality assurance units to establish a complete supplier management procedure. The Company's key raw material is recycled copper wire. Although there is currently no issue of shortage, it continues to establish secondary and tertiary channels through new supplier evaluations to ensure access.

Supplier Evaluation and Management Procedures



1. Supplier Risk Management

The electrolyte copper foil supplied by LCY Technology is a crucial element that enables smart living, the Internet, and 5G communications. With the rapid growth of demand for electronic materials, LCY Technology is committed to providing high-stability, high-quality, and high-transmission performance products. Through the evaluation and development of new suppliers, contractor safety training and audits, implementation of safety management systems, and effective communication and grievance management, the Company aims to provide customers with the highest level of assurance.

	Goals	Actions
New Supplier Evaluation and Development	<ul style="list-style-type: none"> ▪ Ensure adequate production ▪ Fulfill customer expectations 	<ul style="list-style-type: none"> ▪ Actively develop new suppliers/materials ▪ Diversify procurement and risks ▪ Flexibly adjust inventory in response to supply and demand
	<p>New supplier assessment process</p> <p>New supplier demand → New supplier survey → Suppliers respond to environmental and social responsibility commitments → Confirmation and contract-signing to become qualified suppliers → Regular evaluations and audits</p>	
Training and Audit of Existing Contractors	<ul style="list-style-type: none"> ▪ Improve the overall supply chain service quality ▪ Stabilize and strengthen existing partnerships ▪ Work together to protect the environment, conserve energy, and reduce waste ▪ Protect the confidentiality and integrity of operational information 	<p>Prioritize suppliers with the following international standard certifications:</p> <ul style="list-style-type: none"> ▪ ISO9001 Quality Management System ▪ IATF 16949:2016 Global Automotive Quality Management System Certification ▪ ISO 14001:2015 Environmental Management System
Implementation of a Safety Management System	<ul style="list-style-type: none"> ▪ Implement a supply chain safety management system ▪ Assist the supply chain in building a safety culture 	<p>Prioritize suppliers with the following international standard certifications:</p> <ul style="list-style-type: none"> ▪ OHSAS 18001 Occupational Health and Safety Management System ▪ TOSHMS Taiwan Occupational Health and Safety Management System <p>Key points of contractor safety management:</p> <ol style="list-style-type: none"> (1) Before entering the plant, outsourced personnel are required to complete safety training and obtain their entry permit. (2) Long-term contractors must conduct regular employee training and coordination meetings each year. (3) Before daily operations, operators are called to toolbox meetings and notified of any hazards in the work area. (4) After a project is complete, suppliers are subject to performance evaluation.
Effective Communication and Grievance Management	<p>LCY Technology holds suppliers to the same standards as employees, requiring integrity and accountability in terms of both ethical principles and practical actions. To that end, suppliers are required to sign the following documents:</p> <ol style="list-style-type: none"> 1. AML/CFT Commitment 2. Integrity Commitment 3. Anti-corruption and antitrust related documents 	<p>If an employee actively or passively violates procurement regulations, the supplier should immediately report the matter to the Company's management via letter or email. The report must include the real name and contact information of the parties involved, along with accurate details or evidence related to the case.</p> <ul style="list-style-type: none"> ▪ Whistleblowing and grievance mailbox: Taipei Post Office PO Box 36-587, Audit Office ▪ E-mail : gm@lcygroup.com. <p>100% of major raw materials suppliers have submitted their Integrity Commitment Letter. At the same time, 100% of contracted suppliers have signed the "AML/CFT Commitment." There were no major incidents nor relevant complaints of corruption in 2024.</p>

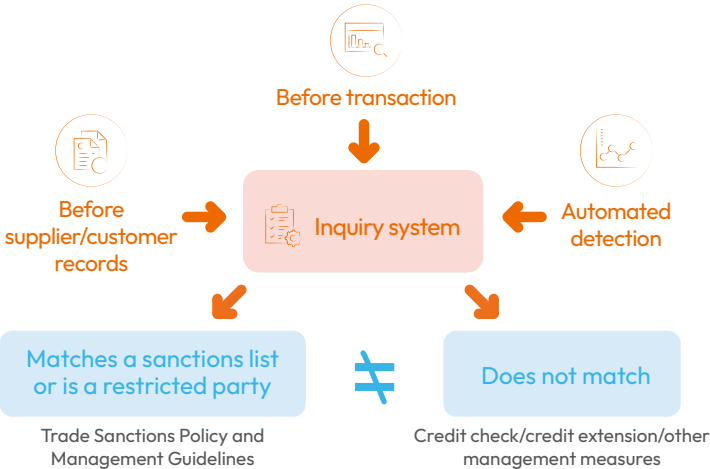
2. Continuous Supply Chain Improvement and Refinement

Upholding the concept of sustainable operations and mutual prosperity, LCY Technology remains committed to pursuing production stability and continually improving its manufacturing processes. The Company collaborates with supply chain partners to ensure stable supply and facility integrity. Through continuous improvement of processes and equipment, the Company aims to reduce production costs and minimize potential environmental pollution as well as EHS risks, with the ultimate goal of achieving corporate sustainable development and mutual prosperity with local communities. Moving forward, the Group will not only strive to supervise and manage the supply chain, but also continue to encourage suppliers to pass international certifications such as ISO 9001, TS16949, and ISO 14001 to improve overall supply chain management quality and create a virtuous cycle of mutual growth and benefits.

3. Automated Detection of Trade Sanctions Lists

Regarding trade sanctions, LCY Technology has formulated the "Trade Sanctions Policy and Management Guidelines (2002-MGT-02)" and established an inquiry system starting in July 2021. Before any transaction or collaboration, the Company's personnel are required to exercise due diligence on the relevant parties involved in transactions. This includes: 1) Whether the counterparty is involved in any negative news coverage; 2) Whether the counterparty is listed on any sanctions lists.

Trade Sanctions - Supply Chain Management Process - Suppliers/Customers



IV. Customer Relations Management

Co-creating a smart lifestyle and building a bridge to sustainability with integrity

At LCY Technology, we firmly believe that every piece of customer's feedback is a driving force for continuous improvement. Transparency and integrity serve as the bedrocks of our commitment to providing high quality green electronic raw materials. We build customer trust through reliable and stable delivery, striving to be the most dependable partner as customers pursue sustainability.

Not only do we pursue excellence with our products and services, but we also value the establishment of long-term partnerships with our customers. In 2024, our average customer satisfaction score was 95.19 points, an increase of 8.83 percentage points compared to 2023. This stamp of approval is the best proof of our continued efforts. Of the five areas surveyed—order and delivery schedule, product packaging, product performance, communication services, and complaint handling—we are pleased to see that the customer complaint handling satisfaction rate increased from 83.57% in 2023 to 95% in 2024. This reflects a significant enhancement of our efficiency and professionalism when it comes to addressing customer issues.

We are well aware that the path to sustainability has no end, only continuous improvement. In areas where we scored lower in customer feedback, we have formulated comprehensive improvement plans that reflect our determination to deliver even more exceptional performance in the future. We vow to continuously listen to our customers, continue to optimize our products and services, and work with customers to jointly create a smart and sustainable future.



Annual Customer Satisfaction Survey Results

Year	Average score	Customer complaint handling
2022	88.93	88.33%
2023	86.36	83.57%
2024	95.19	95%



Measures for improving customer satisfaction in 2025

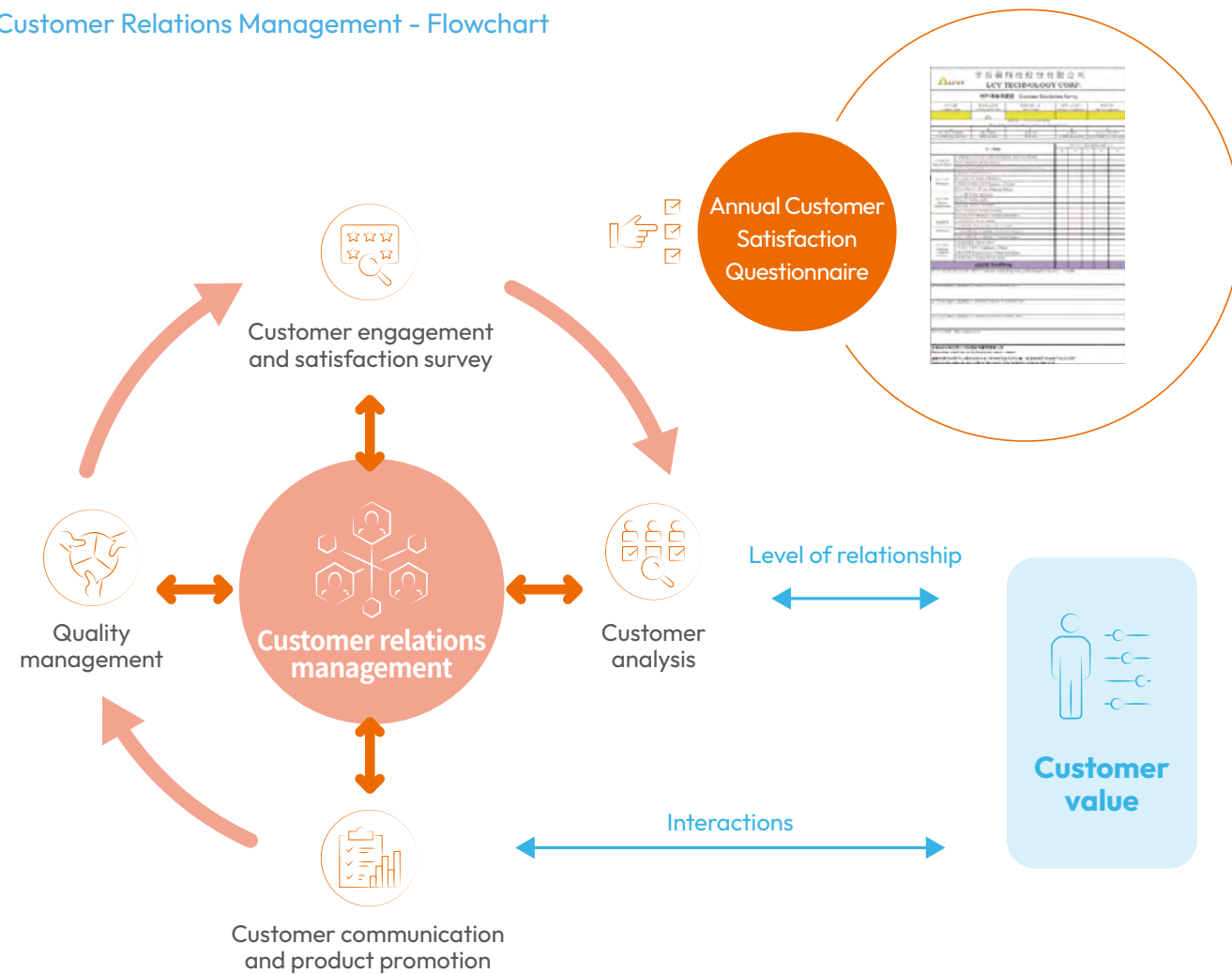
Manufacturing end	Customer engagement end
AI product inspection and defect detection system <p>Introduce AI technology and equipment to enhance workforce productivity and quality control capabilities through machine learning.</p> 	Increase average customer satisfaction scores <ol style="list-style-type: none"> 1. Fully communicate product performance and quality. Have sales, quality assurance, and customer service teams join social media groups to respond to customer needs in real time. 2. Improve the readability of complaint reports. Add infographics, statistical charts, or "scenario simulations".

Four Dimensions of Customer Relations Management

Customer analysis	Quality management	Customer communication and product information promotion	Customer feedback and satisfaction survey
<ul style="list-style-type: none"> Customer profile includes customer types, risk levels, preferences, habits, etc. Production and sales analysis provides insights into customer loyalty, longevity, and behavioral changes with regard to products or the Company. Customer profit analysis provides insights into the profitability of different customers. Customer future analysis examines future development trends such as customer production capacity, factory expansions, and product categories. 	<ul style="list-style-type: none"> 100% use of recycled copper wire with third-party verification Products meet RoHS, PoHS, REACH, and Sony SS00259 requirements IATF16949;2016 Global Automotive Quality Management System Certification ISO 9001;2015 Quality Management System ISO 50001;2018 Energy Management System ISO 14001;2015 Environmental Management System Verification of Product Carbon Footprint Review Report 	<ul style="list-style-type: none"> Regular visits (call report) Detailed product information is fully available on the Company's official website, where relevant SDS reports and related testing data can also be downloaded. On-site customer service for the Chinese market Regular technical exchange 	<ul style="list-style-type: none"> Customer complaint handling process A task force is initiated to propose a first-stage improvement plan within three working days In the annual customer satisfaction survey for the top 10 customers, if any score falls below three, a dedicated project team is formed to review improvement measures



Customer Relations Management - Flowchart



2.3 Shared Socioeconomic Benefits

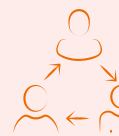
I. Fulfilling Corporate Social Responsibility

Creating a Circular Economy and Seeking Sustainable Solutions



LCY Technology upholds the principles of “community communication”, “process safety”, and “environmental protection” as the foundation for building strong and lasting relationships with local communities. The Company not only pays attention to its own operational development but also actively supports local communities, extending this effort to address the needs and economic development of society and the industry as a whole. It is committed to fulfilling social responsibilities and promoting mutual prosperity.

Strengthening Communication with Stakeholders



LCY Technology focuses on green excellence, renewable energy, and high-frequency, high-speed product strategies, demonstrating strong growth momentum. The Company actively develops innovative products for 5G and automotive electronics markets, promoting technologies such as reverse-treated copper foil and double-sided polished copper foil, which are applied across a wide range of products including 5G mobile phones, gaming consoles, base stations, and network servers. The Company continues to engage stakeholders to drive sustainable industry development.

Jointly Promoting the “Sustainability National Team” Initiative to Foster Shared Recovery and Prosperity for Society



In the face of climate change and greenhouse gas emissions restrictions, countries around the world are gradually promoting relevant policies and measures. As a trustworthy provider of green electronic materials, LCY Technology is committed to innovative processes that reduce copper sludge waste and energy consumption, thereby reducing its environmental impact.

II. Short- and Long-term Goals

1. Implement Social Care and Strengthen Green Operations

LCY Technology is committed to shaping a smart lifestyle and becoming the most trustworthy partner in green electronic materials. By cultivating environmental sustainability, green operations, social care, and corporate governance, the Company takes concrete action to focus on three key priorities: local community engagement, strengthening communications with stakeholders, and establishing a circular economy ecosystem.




Company Goals

Goals	Short term	Medium to long term
Implement local community engagement	Understand local needs and promote sustainability concepts	Utilize the power of employees to expand local community engagement
Strengthen communication with stakeholders	Stay involved in industry issues and improve public understanding of green electronic materials	Continue to promote carbon-neutral value chain actions for common good of the industry
Promote sustainable development	Promote the Company's corporate vision and sustainability strategies	Participate in the circular economy startup ecosystem and support international exchanges and talent cultivation

2. Implement Transparent Operations to Foster Community Safety and Trust

Production plant safety, environmental risk assessments, and relevant response measures are the primary considerations of LCY Technology in terms of operational activities. As “process safety”, “air quality”, “employment conditions”, and “traffic safety” of the plant's operations are closely connected with the interests of neighboring communities, the Company not only established real-time communication channels with local community leaders but also conducts periodic community visits to interact directly with local residents. Feedback on areas in need of assistance or improvement is relayed to the plant and the Company to ensure proper implementation of improvements.

Community Care Initiatives

 <p>Care for Community Safety</p>	<ul style="list-style-type: none"> Formulate an internal (external) crisis response plan and report emergencies in a timely manner according to procedure Conduct regular labor safety fire drills to ensure plant safety and that personnel are familiar with emergency rescue and evacuation procedures Actively participate in the Industrial Park' s Safety and Health Promotion Association
 <p>Protect Neighborhood Relations</p>	<ul style="list-style-type: none"> Maintain close and positive relationships with local police and fire departments Continue to sponsor and participate in community activities Support the underprivileged by sponsoring the purchase of moon cakes from the Children Are Us Foundation and purchasing quality agricultural products for year-end charity events
 <p>Implement Environmental Protection</p>	<ul style="list-style-type: none"> In support of the government' s air quality purification plan, the Company has adopted a greening and landscaping maintenance project at a local junior high school, helping to nurture the next generation to become stewards of environmental protection. Promote energy conservation and carbon reduction projects to reduce energy use and greenhouse gas emissions. Introduce ISO 14001, ISO 45001, and automated information management platform systems, and continue to implement occupational health and safety according to the PDCA module. Introduce the ISO 50001 Energy Management System and integrate the digital energy monitoring system to monitor energy usage information.

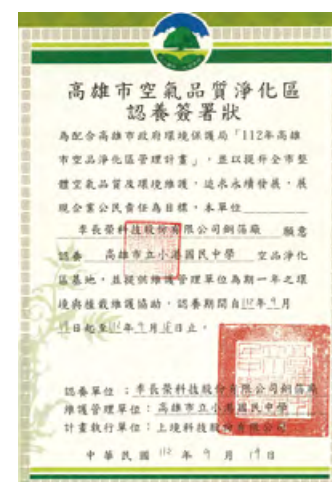
Providing students with operating experience and enhancing the technical capabilities of volunteers

Hands-on experience with floor sweepers, saws, pruning shears, pole saws, and power washers (Feb-Mar 2024)



Campus clean-up and greening efforts to prevent mosquito-borne diseases

2024.03 [Gardening Volunteers Assisting in the Prevention of Dengue Fever] Strengthening indoor and outdoor inspections to make improvements



03

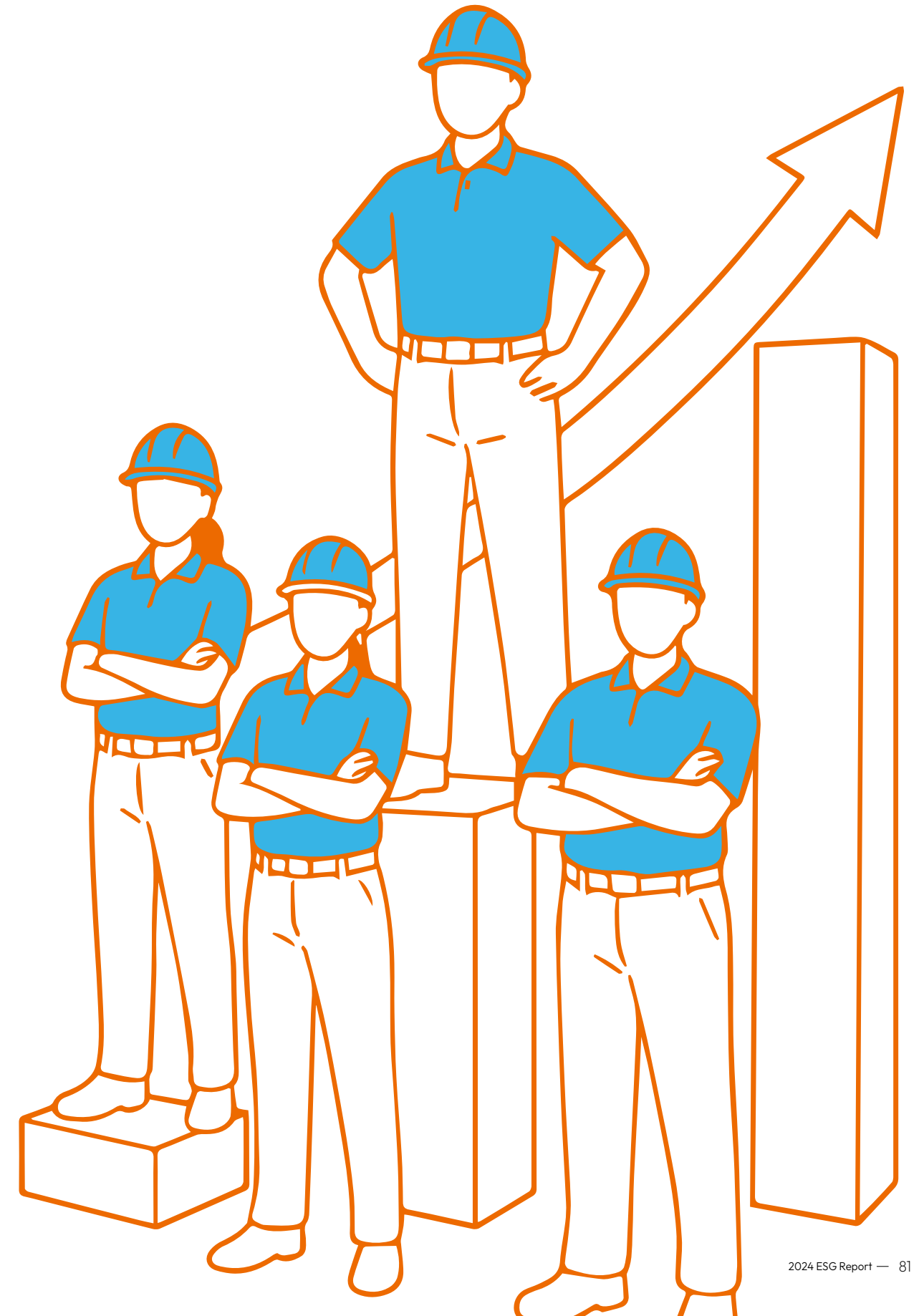
Creating Competitive Advantages

With superior liquidity and quick ratios, a low debt ratio, and solid financial stability, LCY Technology demonstrates exceptional competitiveness.



• Business Ethics

• Economic Performance



3.0 Ethics and Integrity

I. Values

Safety and Health, Honesty and Integrity, Accountability, Co-Creation, and Kaizen.

“Honesty and Integrity” is one of LCY Technologys five core values and the foremost principle in talent recruitment. It serves as the cornerstone of the Company’s long-term and stable development. The Company has strict requirements for all directors, managers, and employees, who must all uphold the principles of honesty and integrity. To foster an environment based on integrity, LCY Technology has established a series of relevant regulations and communication channels. Through a rigorous management system, the Company also minimizes ethical risks, ensuring that it operates on the foundation of transparency and trust.

II. Internal Regulations

To implement ethical governance, LCY Technology’s Board of Directors approved the Company’s ethical governance related policies on July 19, 2017. While engaging in business activities or performing their duties, directors, managers, and employees are required to strictly abide by the following rules:



1.They may not directly or indirectly offer, promise, request, or accept any improper benefits, nor engage in any conduct that violates the principle of integrity, the law, or fiduciary duties.

2.Business counterparties must be clearly informed of the Company’s ethical management policies to ensure all transactions adhere to the principle of integrity.

3.All directors, managers, and employees are required to sign the Integrity Commitment to demonstrate their commitment to ethical management and integrity.

To ensure proper implementation of ethical governance, LCY Technology has formulated and disclosed the following relevant policies and procedures. All documents have been uploaded to the Company’s official website for employees and partners to access and comply with:

- Ethical Corporate Management Operating Procedures and Code of Conduct
- Code of Operation Integrity
- Code of Ethics

In addition, to strengthen compliance monitoring during transactions, LCY Technology requires all relevant parties to sign the following commitment letters prior to each transaction:

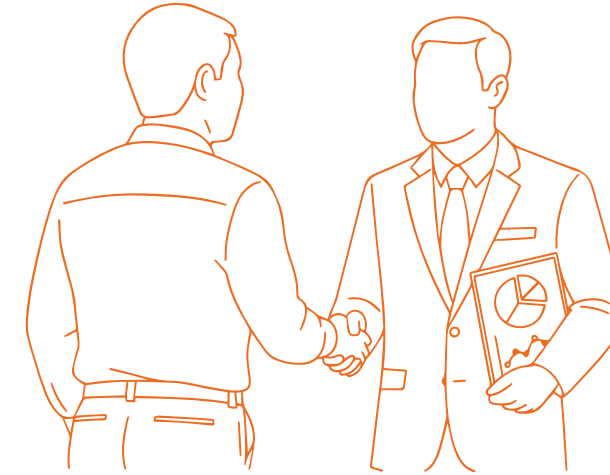
- Integrity Commitment
- AML/CFT Commitment

Through these rigorous policies and regulations, LCY Technology is committed to establishing an ethical, fair, and transparent business environment and ensuring that all business activities comply with ethical and legal standards.

III. Management Flow

The “President’s Office” is a dedicated unit responsible for implementing ethical management at LCY Technology, regularly attending Board meetings to report on implementation status and progress. Its responsibilities are as follows:

- (1) Maintain and revise internal operating regulations such as the Code of Operation Integrity, Ethical Corporate Management Operating Procedures and Code of Conduct, Code of Ethics, Employee Code of Conduct, and preventative measures. The latest versions are published on the Company’s official website.
- (2) Advocate and promote a culture of ethical corporate management, including incorporating integrity and ethical values into orientation training for new employees, communicating the Company’s ethical corporate management policies to directors, managers, and employees, as well as conducting regular integrity training.
- (3) Establish a whistleblowing mechanism and a robust reward and disciplinary system:
 - Whistleblowing mailbox: gmlcyt@lcygroup.com
- (4) Develop work plans and set goals: Monitor the progress of zero unethical conduct, enhance the implementation of the Company’s code of ethics, work plans, and ethical management.



In addition to the aforementioned internal risk management measures, LCY Technology also expects and requires all suppliers and customers to adopt the highest standards for corruption prevention. Suppliers and customers must not, under any circumstances, offer or accept bribes to or from the Company or its representatives to influence transactions.

3.1 Corporate Governance Structure

I. Organizational Structure - Ethical Governance and Transparent Operations

LCY Technology specializes in the research, development, production, and global sales of electronic materials, with electrolytic copper foil as its core product. This product is widely used in the printed circuit board (PCB) industry and is one of the key components of electronic products.

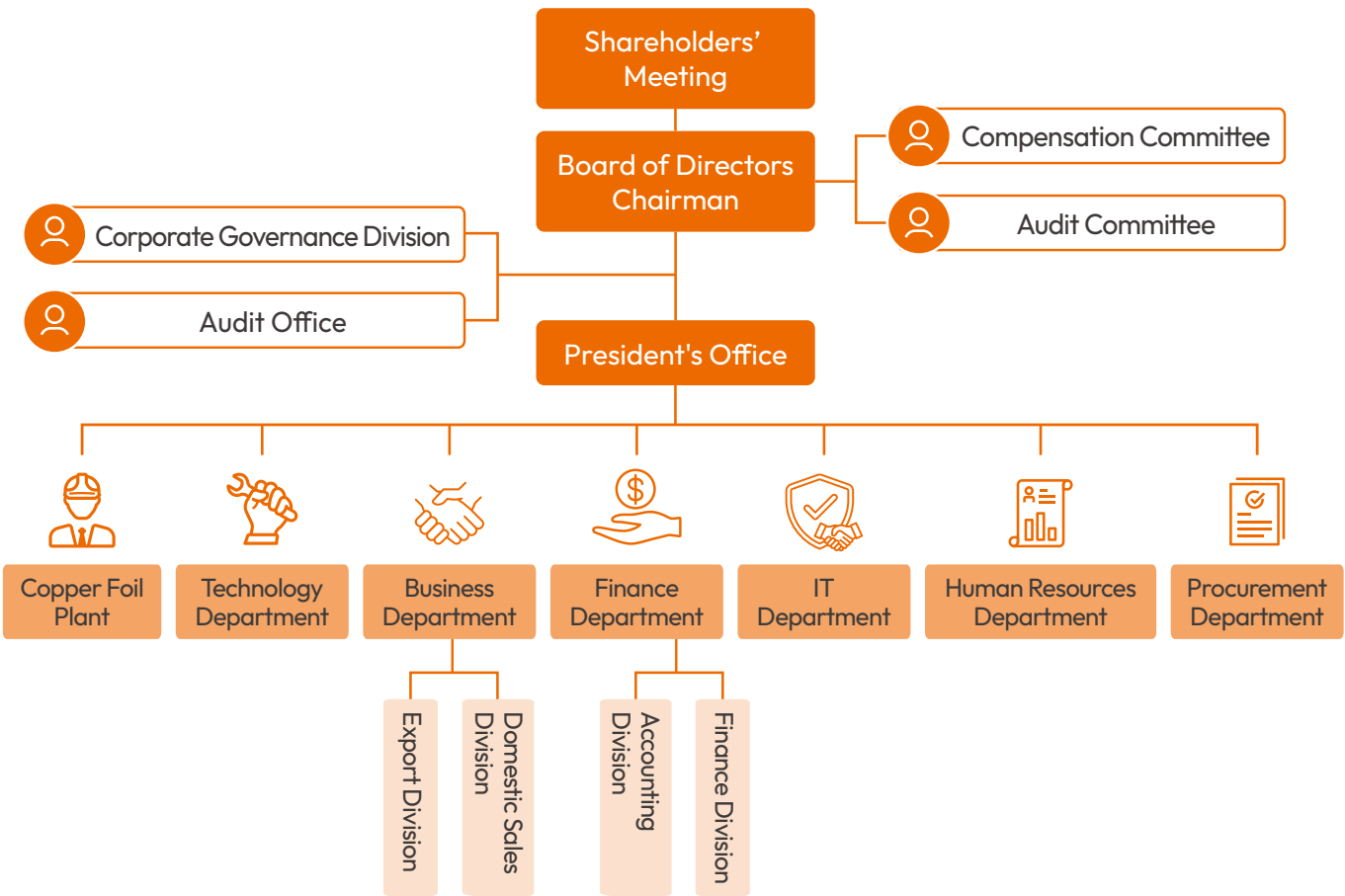
LCY Technology is headquartered in Songshan District, Taipei City and has a production base at the Linhai Industrial Park in Kaohsiung City. The facility is equipped with advanced manufacturing technologies that ensure the production of electrolytic copper foil meets world-class standards and diverse market demands.

As of December 2024, LCY Technology had 195 employees. The Company upholds the philosophy of “innovation, quality, and sustainable development” to continuously enhance its competitiveness, and attaches great importance to employee satisfaction and social responsibility. LCY Technology is committed to becoming a global leader in the field of electronic materials as it continues to invest in technology R&D and process innovation, ensuring a strong presence in the global market and expanding its market share.

The Company upholds the business philosophy of “Safety and Health, Honesty and Integrity, Accountability, Co-Creation, and Kaizen (continuous improvement)” and values operational transparency and corporate governance. It has also formulated and implemented its corporate governance framework in accordance with the Company Act, Securities and Exchange Act, Corporate Governance Best Practice Principles for TWSE/TPEx Listed Companies, and other relevant regulations.



Corporate Governance Structure



Major Departments	Main Responsibilities
Corporate Governance Division	The department is responsible for the administrative work of the Board of Directors and shareholders' meetings. This includes preparing meeting minutes, assisting directors with continuing education, providing necessary information for business execution, and ensuring legal compliance.
Audit Office	Establish, review, and revise audit procedures; discuss, evaluate, and implement the internal control system; formulate, audit, and follow-up on annual audit plans; improve internal audits and manage improvement performance.
President's Office	Implement and manage the Company's business strategies. Promote, execute, communicate, and coordinate the Company's business goals.
Copper foil plant	Implement production plans, manage inventory of raw materials and finished products, coordinate production and sales, oversee plant and equipment maintenance, improve process capabilities, analyze customer grievances, and supervise safety, health, and environmental protection facilities.
Technology Department	Research, design, and develop new products, and improve the production processes of existing products.
Business Department	Formulate and execute sales plans, conduct customer credit checks, process orders, oversee after-sales services, manage the collection of accounts receivable, coordinate production and sales, collect and analyze market intelligence, and conduct new product planning.
Finance Department	Plan and handle accounting, budgeting, and taxation matters, file taxes, fundraise and coordinate funding, oversee cash operations, and provide business data analysis and comparison.
IT Department	Planning and maintenance of computer software and hardware; information security control and management, as well as data processing.
Human Resources Department	Establish human resources-related management systems, and manage overall human resource planning and development; organize employee training; establish, implement, and maintain employee communication channels; manage compensation, employee welfare, retirement, and dismissal.
Procurement Department	Select and manage qualified suppliers; procure raw materials, materials, and equipment.

On July 19, 2017, LCY Technology's Board of Directors approved ethical governance related policies, requiring all directors, managers, and employees to strictly follow measures such as avoiding conflict of interest and rejecting favoritism and corruption. LCY Technology also requires that business counterparties be informed of the Company's ethical management policies, and that suppliers sign an Integrity Commitment letter. These policies are published in Traditional Chinese, Simplified Chinese, and English on the Company's official website, along with internal and external stakeholder communication channels. The implementation status of the policies is reported to the Board of Directors on a regular basis.

Whistleblowing channels: Anyone who becomes aware of potential crimes, fraud, unethical behaviors, or legal violations may report the matter to the Company. Reports will be processed by the President's Office, which is tasked with forming an investigation task force of relevant supervisors.

- Whistleblowing mailbox: gmlcyt@lcygroup.com
- Whistleblowing mailing address: 5F., No. 83, Sec. 4, Bade Rd., Songshan District, Taipei City, Taiwan (R.O.C.)

II. Board of Directors - Emphasis on Diversity and Professional Governance

In accordance with Article 192-1 of the “Company Act” and the “Corporate Governance Best Practice Principles for TWSE/TPEx Listed Companies” , LCY Technology established the “Regulations Governing the Election of Directors” to formulate suitable diversity policies in response to the Company's operations, business model, and development needs. Per these regulations, seven directors were elected through a “candidate nomination system” .

Board Diversity

Board of Directors - 7 Directors

Gender Equality

The Company plans to continue working towards promoting gender diversity in the next board election by actively evaluating the feasibility of increasing the proportion of female directors, with the aim of introducing more diverse perspectives and governance mindsets to the Board.

Cross-Generational Perspectives

A Board comprised of directors from different age ranges allows the Company to take on various challenges from different perspectives and viewpoints.

Professional Supervision

Directors' diverse industry, government, and academic experience provide the Company with professional and effective supervision.

International Experience

The Company's Chairman and Board directors have extensive international industry experience, bringing international perspectives and expertise to the organization.

Corporate Governance Unit

Provides a better understanding of directors' needs, serving as a bridge between directors and the management team and assisting in the efficient operation of the Board of Directors.

Education and Professional Experience of Board Members in 2024

Title	Name	Education	Professional Experience	Gender	Age
Chairman	Representative of LCY Chemical: Paul Chen	Bachelor of International Business, Soochow University	1. Vice President, Senior VP of Sales, and President of LCY Technology Corp. 2. Manager, Business Planning Office; Manager, Export Sales Department, LCY Chemical Corp. ^[Note 1]	Male	61-70
Director	Representative of LCY Chemical: Gavin Song	Executive Master of Business Administration, National Chengchi University	1. Vice President of LCY Technology Corp. 2. Vice President, High-Performance Plastics Division, LCY Chemical Corp. ^[Note 2]	Male	61-70
Director	Representative of Lee Chang Yung Company: Abby Pan (Passed away on October 27, 2024)	Executive MBA in Finance National Taipei University	1. Director, Business Planning Department, Finance Division, LCY Chemical Corp. 2. Senior Fund Manager, Prudential Financial Securities Investment Trust (UK) 3. Investment Management, Finance Center, Yuen Foong Yu Paper Mfg. Co.	Female	61-70

Title	Name	Education	Professional Experience	Gender	Age
Director	Charles Wei	Department of Business Administration, Fu Jen Catholic University	Director, spokesperson, finance supervisor, and accounting supervisor at LCY Chemical Corp.; Senior Executive VP, Finance Center, LCY Chemical Corp. (current position)	Male	61-70
Independent director	SC Liu	Bachelor of Accounting, Soochow University	1. Chairman, Kaohsiung Rapid Transit Corporation 2. Independent director, LCY Chemical Corp. 3. National Policy Advisor to the President 4. Director-General, Directorate-General of Budget, Accounting and Statistics, Executive Yuan 5. Director, Department of Accounting, Ministry of Education 6. Vice President and Chair Professor, Department of Management, Fo Guang University 7. Chairman, Huaxia University of Technology (current position)	Male	71-80
Independent director	Wei-Hua Tu	Bachelor of Accounting Statistics, National Cheng Kung University	1. President/CEO of TSRC Corporation 2. President, Shen Hua Chemical Industrial Co., Ltd. 3. Corporate Chairman's Representative, EZswap Networks Technology Co., Ltd. 4. Corporate Chairman's Representative, Tsou Seen Chemical Industries Corporation (current position)	Male	71-80
Independent director	Alex Peng	Ph.D. in Materials Engineering, University of Manchester, UK	1. Vice President, Startup Business Department, DuPont Taiwan Limited 2. Deputy Executive Director, Industrial Technology Research Institute 3. Chief Strategy Advisor, Jin Join Rone Technology Corporation Ltd. (current position)	Male	61-70

Note 1: (1) Corporate Director’s Representative, Formosa Copper Tech Co., Ltd.; (2) Corporate Director’s Representative, ShineMore Technology Materials Co., Ltd.
 Note 2: (1) Senior Vice President, High-Performance Plastics Division, LCY Chemical Corp.; (2) Corporate Director’s Representative, LCY Grit Corp.; (3) Corporate Chairman’s Representative, Kao Hsiung Cogen Co., Ltd.; (4) Director, Zhenjiang Li Changrong Integrated Petrochemical Industry Co., Ltd.; (5) Director, Zhenjiang Li Changrong High Performance Materials Co., Ltd.; (6) Director, Huizhou LCY Elastomers Corp.; (7) Director, LCY Education Foundation; (8) Director, Package plus Co., Ltd.; (9) CEO, J-Star Holding Corp.

A. Board Performance Evaluation

On May 10, 2019, the Company's Board of Directors resolved to establish the “Board Performance Evaluation Procedures” . Under this framework, annual self-evaluations of each director and evaluations of the Board of Directors as a whole are conducted. The evaluation period covers January 1 to December 31 of each year. On November 13, 2020, the procedures were amended to require that an external professional and independent institution or a team of external experts and scholars conduct an evaluation at least once every three years.

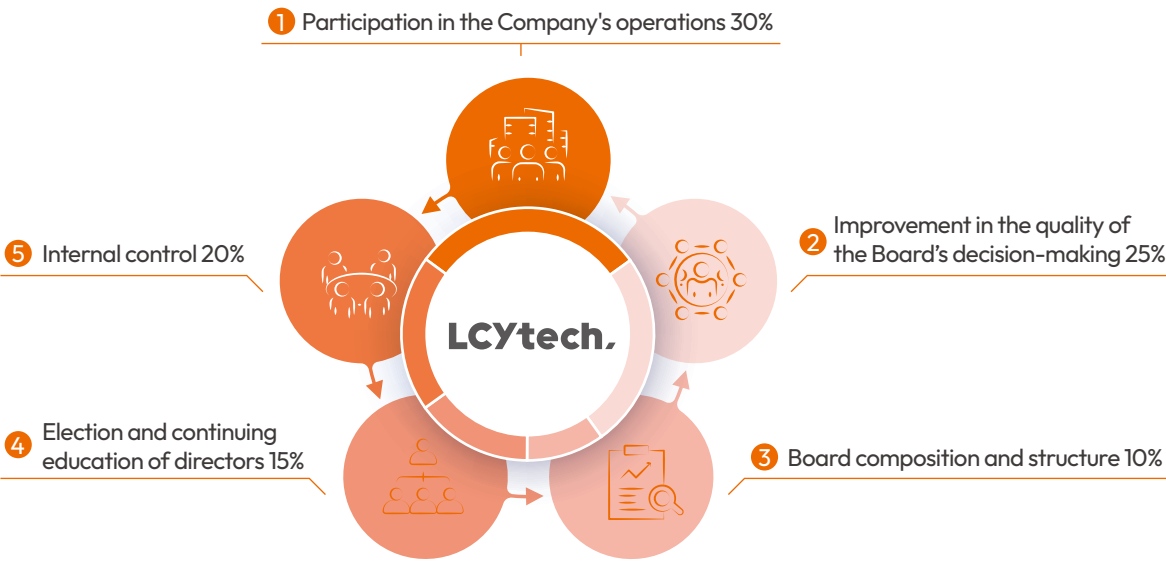
The performance evaluation criteria for the Company's Board of Directors are as follows:

- I. Evaluations of the overall Board of Directors shall include at least the following:

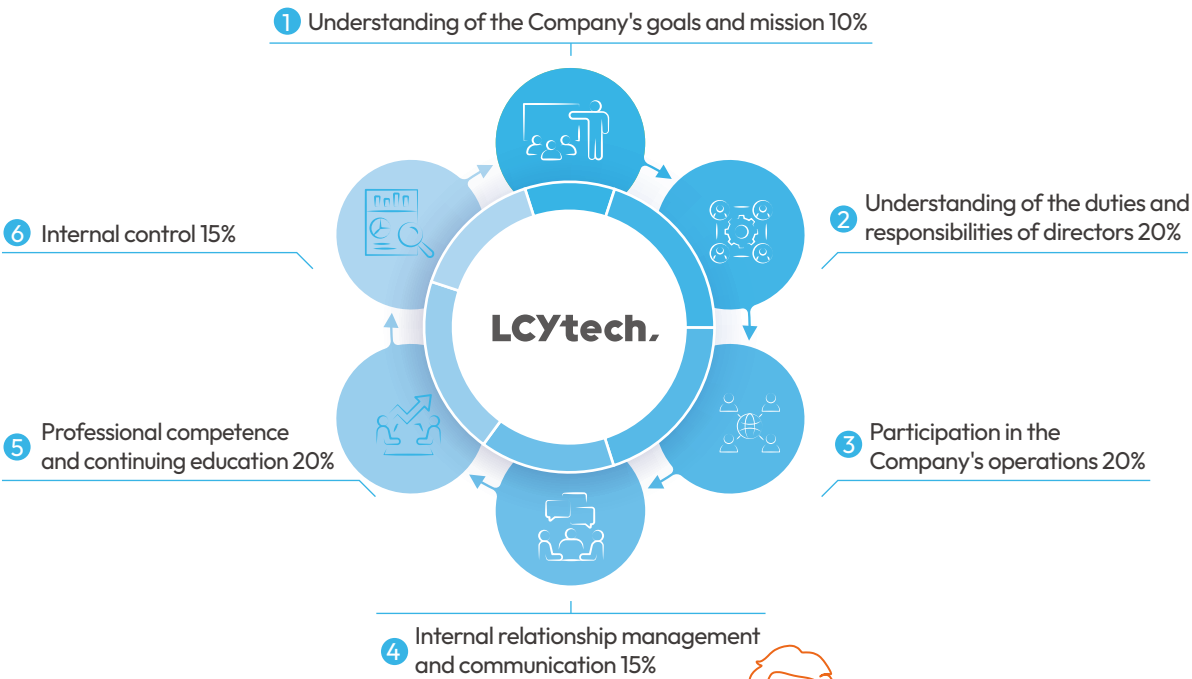
(1) Participation in the Company's operations, (2) improvement in the quality of the Board's decision-making, (3) board composition and structure, (4) election and continuing education of directors, and (5) internal control.
- II. Evaluations of individual directors shall include at least the following:

(1) Understanding of the Company's goals and mission, (2) understanding of the duties and responsibilities of directors, (3) participation in the Company's operations, (4) internal relationship management and communication, (5) professional competence and continuing education, and (6) internal control.

Evaluation Criteria for the Board of Directors



Evaluation Criteria for Individual Directors



Directors' Self-Evaluation Results

2024	Score	Number of questions	Weight distribution	Aspect score
Aspect A	82	3	10%	9.11
Aspect B	115	4	20%	19.17
Aspect C	279	10	20%	18.60
Aspect D	84	3	15%	14.00
Aspect E	85	3	20%	18.89
Aspect F	109	4	15%	13.63
Total	889	27	100%	93.39

Self-Evaluation Results of the Compensation Committee

2024	Score	Number of questions	Weight distribution	Aspect score
Aspect A	20	4	25%	25.00
Aspect B	23	5	25%	23.00
Aspect C	40	8	25%	25.00
Aspect D	15	3	25%	25.00
Total	98	20	100%	98.00

Name	Training hours	Course content (Summary)
Paul Chen	Approximately 6-10 hours	Institutional Investor Perspectives Forum; Sustainable Finance and Climate Change Forum.
Gavin Song	Approximately 6 hours	Sustainable Finance and Climate Change Forum
Abby Pan	Approximately 6 hours	Sustainable Finance and Climate Change Forum
Charles Wei	Approximately 6 hours	Sustainable Finance and Climate Change Forum
SC Liu	Approximately 6 hours	Financial Statement Review for Directors and Supervisors Without a Financial Background; Mergers and Acquisitions; Human Resources Issues.
Wei-Hua Tu	Approximately 6 hours	Sustainable Finance and Climate Change Forum
Alex Peng	Approximately 6 hours	Sustainable Finance and Climate Change Forum
Berry Tsai	Approximately 9-12 hours	Topics including Climate Finance and Carbon Assets, Insider Trading Prevention, Responsibilities of Directors and Supervisors, Shareholders' Meetings, and Equity Strategies.
Stanley Kung	Approximately 6 hours	Sustainable Finance and Climate Change Forum (Stepped down on August 8, 2024)

B. Meeting and Attendance of the Board of Directors and Functional Committees



Board of Directors

In 2024, nine Board of Directors meetings were held, with an average attendance rate of 96.72%.

Effective operation of the Board of Directors is the foundation for sustainable operations. The Board of Directors' responsibilities include supervising, appointing, and guiding the Company's management. The Board is in charge of overseeing the Company's overall operating status, strengthening sound supervisory mechanisms and management capabilities, and maintaining positive communication and interaction with the management team to ensure that business operations and major decisions do not affect the rights and interests of shareholders.

7 directors
Independent
directors account
for 3 seats
42.86%



Audit Committee

In 2024, seven Audit Committee meetings were held, with an average attendance rate of 95.24%

The Committee's main responsibilities include: (1) Appropriate presentation of annual financial statements; the appointment (dismissal), compensation, and independence of CPAs; the appointment of financial or accounting supervisors. (2) Formulation and revision of the Company's internal control system and regulations; evaluation of the effectiveness of the internal control system; appointment and dismissal of the audit supervisor. (3) Major assets, derivatives, capital loans and endorsement guarantee transactions and handling procedures. (4) The offering, issuance, or private placement of any equity-type securities. (5) Ensuring the Company complies with relevant laws and regulations. (6) Management and control of existing or potential risks faced by the Company.

3 members
Independent
directors account
for 3 seats
100%



Compensation Committee

In 2024, seven Compensation Committee meetings were held, with an average attendance rate of 100%.

The Committee's main responsibilities include: (1) Regularly review the Remuneration Committee Charter and propose suggestions for amendments. (2) Establish and regularly review the Company's evaluation standards for directors and managers, annual and long-term performance goals, as well as its compensation policy, system, and structure. (3) Regularly evaluate how the Company's directors and managers are achieving their performance goals, and determine the content and amount of their individual compensation packages based on the results of the performance evaluations.

3 members
Independent
directors account
for 3 seats
100%

3.2 Operational Finance

I. Sustainable Financial Management

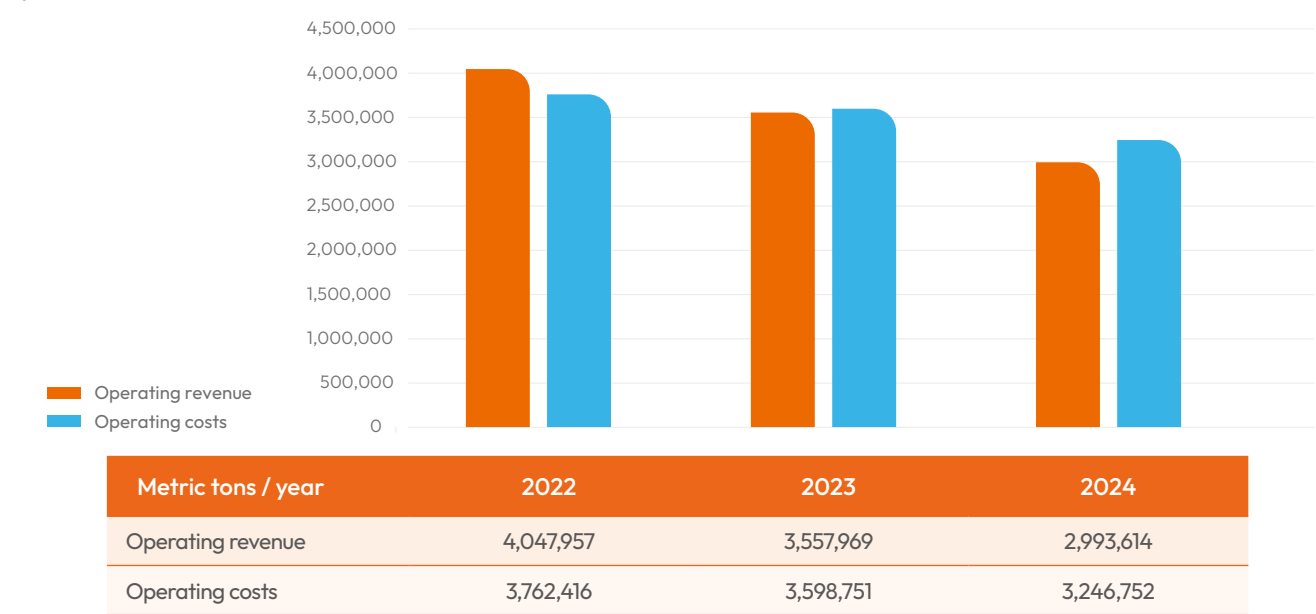
In response to drastic changes in the external environment in 2024, LCY Technology has upheld its core goal of “financial stability” , actively promoting earnings growth, strengthening financial stability, and reducing operational risks to ensure the Company maintains stable development in a volatile market. The Company always takes into consideration the interests of shareholders, employees, and stakeholders. It firmly believes that a stable financial structure is the foundation for sustainable operations, and responds keenly to changes in the external environment.

As an upstream supplier, LCY Technology maintains stable production and sales through diversified customer and market strategies, while closely monitoring interest rates, foreign exchange fluctuations, and inflation to ensure financial stability.

Aligning with global sustainable development trends, LCY Technology integrates long-term capital operations into its comprehensive ESG strategy, ensuring resource allocation that supports future sustainable growth alongside short-term financial performance. The Company actively responds to uncertainties in the external environment and implements appropriate capital management plans, helping to enhance long-term competitiveness and resilience.

LCY Technology incorporates ESG principles into the core of its corporate development policies, ensuring that it actively contributes to society and the environment while achieving financial stability. To address stricter global carbon emissions policies and carbon taxes, the Company is proactively evaluating their operational impact. These findings and incorporated these into long-term environmental planning, ensuring both sustainable financial growth and environmental targets are achieved.

Operation Overview



Unit: thousand/currency: NTD



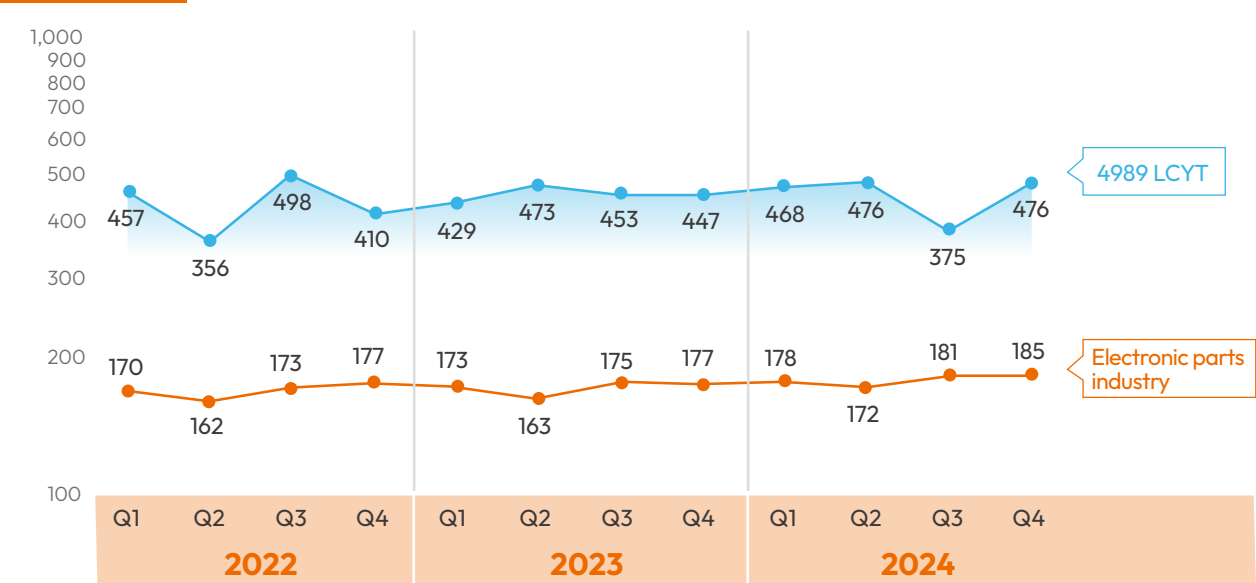
2024 Economic Value Analysis (Currency: NTD)
Direct economic value generated:
Annual revenue: NT\$2,993,614 thousand



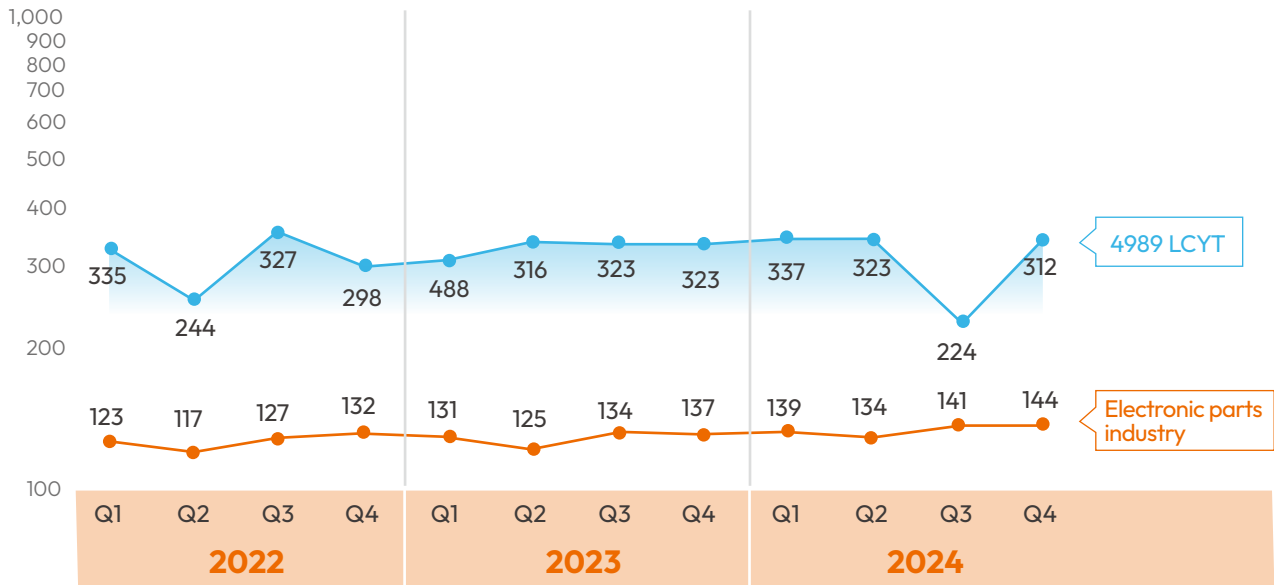
Economic value distributed: (Currency: NTD)
Operating costs: NT\$3,246,752 thousand
Employee compensation and welfare:
NT\$255,558 thousand
Payment to the government: NT\$1,519 thousand

Prudent business style - rigorous financial control, industry-leading debt solvency

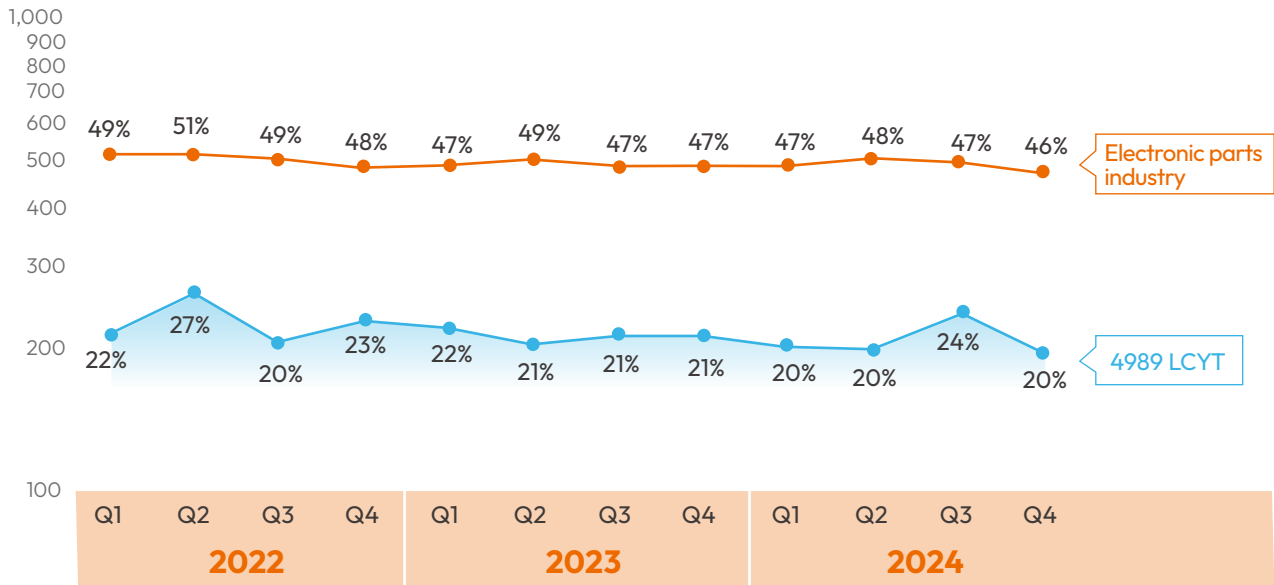
Current Ratio



Quick Ratio



Debt Ratio



Source: Market Observation Post System (MOPS) Financial e-Point Tool

II. Transparent Communication Channels

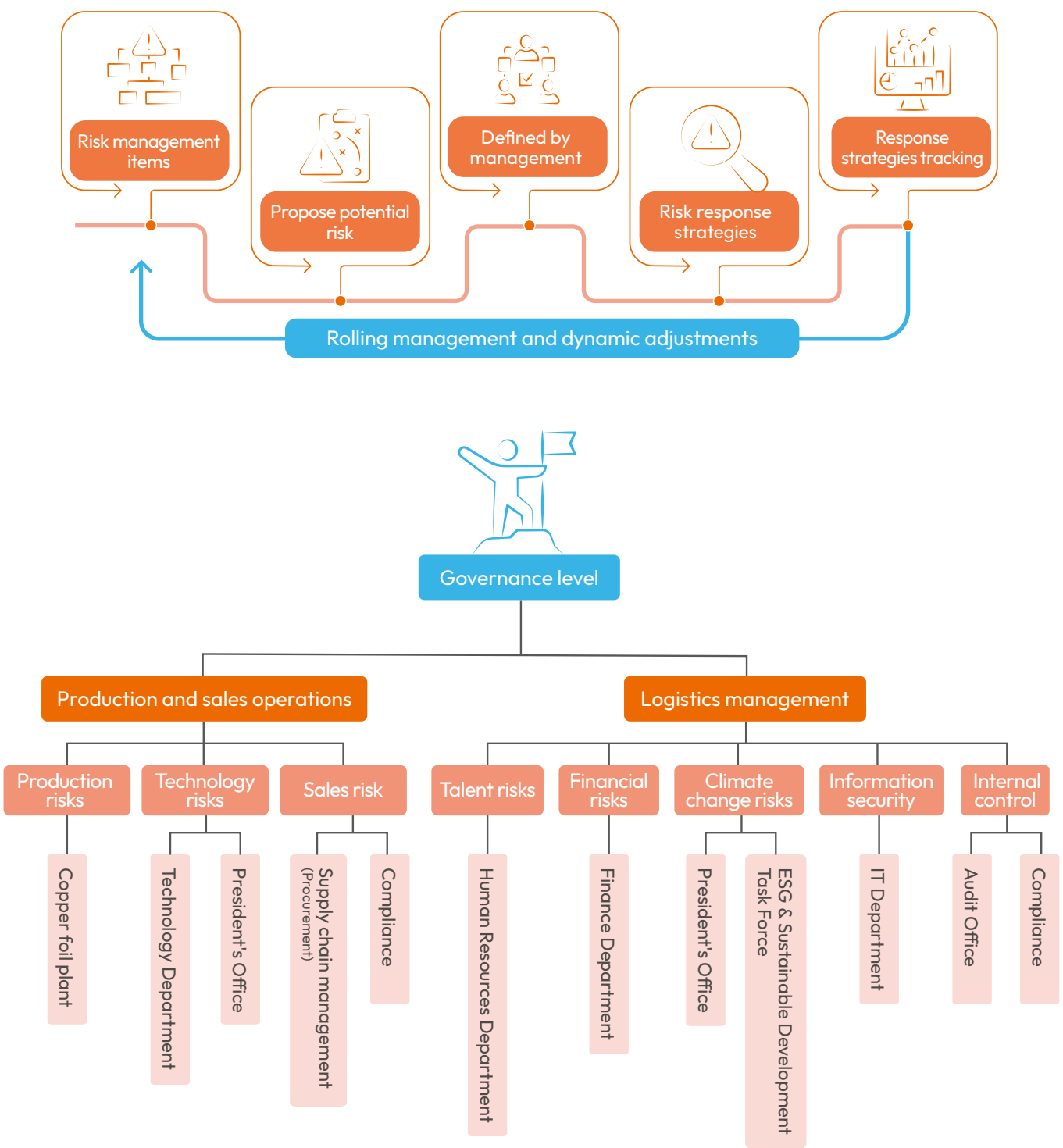
- Organize investor conferences to communicate regularly, face-to-face, with domestic and international investors.
- Hold press conferences to convey the Company's business philosophy via online and print media channels.
- Regularly disclose financial and business-related information on the Market Observation Post System (MOPS).
- Set up an “Investor Section” on the Company's official website in Chinese and English to regularly update financial information, investor presentation materials, annual reports, and shareholder services. An investor services mailbox is also provided on the website for shareholders to submit feedback online and receive timely responses to their valuable suggestions.
- Investor feedback website: <http://www.lcyt.com.tw/tc/contact.php>

3.3 Risk Management and Tracking

I. PEST Analysis

For effective risk management and tracking, the Company categorizes the six major inputs of its value creation process into seven key risk items. The Company uses regular SWOT and PEST analyses to gain clear insight into its internal and external situations, helping to identify strengths, weaknesses, threats, and opportunities.

Risk Management - Process and Tracking Pathway










II. Identification of Environmental Considerations and Risk Assessment

The Company evaluates the environmental impact of its production activities, products, and services. Combined with regulatory compliance audits and reviews of past incidents, this evaluation enables proper control and management of significant environmental considerations and issues. This management procedure serves as the basis for establishing and revising related policies, objectives, and targets.

1. Scope of Identification

The Company conducts regular or ad-hoc identification and quantitative assessment of environmental impact items each year based on production-related internal and external matters such as raw materials, energy resources, products, operating activities, and services. The identification scope includes normal, abnormal, and emergency conditions, as well as past, present, and future potential.

2. Flowchart

Responsible Department	Management Flow	Brief Description
 All departments	1 Selection of identification and assessment scope	Must include all internal activities and environmental issues related to the plant' s internal and external stakeholders
 All departments	2 Identification of environmental considerations and assessment of environmental issues	1.Regular: Assessment renewed and updated every November. 2.Ad-hoc: When there are new operating activities or services. 3.Each department shall fill out the environmental considerations identification results, the expectations and obligations of stakeholders for environmental management systems, and the evaluation results of the organization' s internal and external environmental conditions and purposes on the evaluation form.
 Occupational Safety and Environmental Protection Office	3 Review of environmental considerations and issues	The Occupational Safety and Environmental Protection Office shall review and revise evaluation forms submitted in coordination with the responsible department based on the completeness, accuracy, and appropriateness of the identified considerations and impact assessment, before granting approval.
 Management representative	4 Confirmation of major environmental considerations, direct (residual) risks, and environmental issues	Each department shall conduct quantitative assessments to identify significant environmental considerations (quantitative score > 70) and direct (residual) risks classified as H, subject to confirmation by the management representative. → Environmental issues that are assessed as high risk are considered material environmental issues.
 All departments	5 Formulate control measures	After each department compiles material environmental considerations, material environmental issues, and non-compliance items, the relevant departments shall formulate control measures to manage and improve these areas.
 Occupational Safety and Environmental Protection Office	6 Control, registration, and tracking	Each department shall manage and track the improvement of significant environmental aspects, direct (residual) risks rated as H, and material environmental issues according to policies, goals, and management plans.
 Occupational Safety and Environmental Protection Office	7 Formulate (amend) goals and indicators	The Occupational Safety and Environmental Protection Office shall establish EHS goals and indicators based on EHS policies and material environmental considerations, taking into account its finances, manpower, and technology, as well as stakeholder opinions.

III. Comprehensive Risk Identification and Assessment



Production

- ✓ In response to potential factory production manpower scheduling disruptions or unstable delivery time of raw materials, the Company conducts rolling reviews of response mechanisms and inspects the safety stock of raw materials, increasing inventory volume while actively seeking domestic (secondary/tertiary) suppliers. Weekly/Monthly production, sales, and quality meetings chaired by the President are also held to ensure the Company stays informed of these matters.
- ✓ With extreme climate conditions causing water shortages in the production process, the Company implements water-saving initiatives to reduce unit water consumption and promote the use of reclaimed water.
- ✓ With COP26's goal of net-zero carbon emissions in mind, the Company implements energy saving plans to further enhance energy efficiency, introducing energy management systems and utilizing a higher percentage of green power.



Technology

- ✓ In response to customers' high-end product development and special product requirements, the Company cooperates with customers to conduct testing and certification. Small batches are ordered for trial production, and the Company continually revises products to satisfy customers and accumulate high-end product process capabilities.
- ✓ The Company obtains technology and patents through industry-academia collaborations and patent licensing. It also takes inventory of and manages intellectual property information including R&D-related technology along with audits to protect sensitive information.
- ✓ Monthly technology meetings chaired by the President; annual quality certification management review meetings; ad-hoc project meetings.



Information Security

- ✓ To respond to natural disasters, equipment failures, human error, and malicious infringement attacks, the Company conducts information security and sensitive information protection education and audits once a year, social engineering drills, system vulnerability scanning, and account authorization inventory twice a year, as well as an annual information security incident drill.
- ✓ The Company has established an Information Security Supervisory Committee, which is chaired by the President and comprises the highest-ranking supervisors of each business unit or department. The Committee meets at least once a year, with internal employees or external experts presenting reports or suggestions on the Company's information security issues. <Meeting Minutes>



Sales

- ✓ In response to armed conflicts and epidemics, which may cause a sharp decline in customer demand in certain regions, the Company implements a diversified sales strategy to avoid the risk of over-reliance on a single region. The Company also conducts due diligence in reviewing counterparties in accordance with international sanctions lists and company policies. If a counterparty is found to be on a sanctions list, transactions with said counterparty must immediately be terminated or suspended with shipment or payment frozen. If necessary, a meeting may be convened with the President and Chairman to address the situation.
- ✓ The chip shortage has led to challenges in securing materials for end products within the electronics industry. Therefore, the Company diversifies the types of products sold to end customers to avoid one industry having excessive impact over the Company's revenue.
- ✓ The President presides over sales meetings at least once a month.



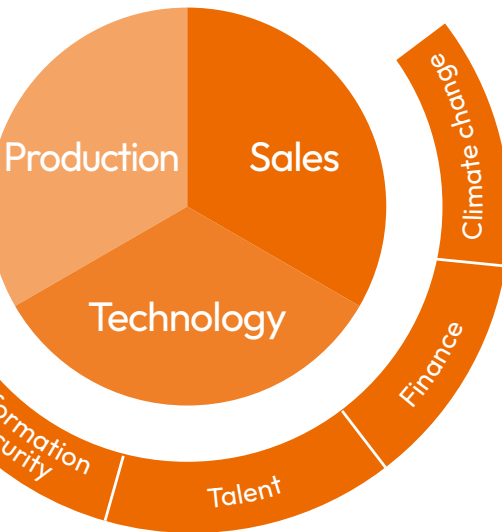
Climate Change

- ✓ The Company prioritizes the identification of three risks that are more relevant to its operations, namely GHG emissions, energy supply management, and water resource management. This includes assessing the feasibility of reducing GHG emissions (gradual reduction, achieved in stages), improving resource efficiency (energy conservation, power conservation, water resource reuse), and purchasing green power or other form of green energy.



Finance

- ✓ The Company manages hedging by paying close attention to international financial conditions, watching out for changes and trends in interest rates and exchange rates, maintaining good relationships with banks, balancing foreign currency assets and liabilities, utilizing derivative financial instruments, and adjusting cash flow currencies.
- ✓ The Company also attaches great importance to comprehensive tax management. All tax-related matters are handled in accordance with national tax laws and regulations, with honest reporting and payment.



Talent

- ✓ The Company has established diverse recruitment channels by actively collaborating with universities and colleges, building a talent pool through campus recruitment, internship programs, the RAISE program for training high-level industry talent, and corporate visits.
- ✓ Each quarter, the President personally chairs an employer-employee meeting to gather employee feedback, listening to and evaluating suggestions from employees. This type of flat and direct communication enables the Company to quickly address employee expectations, thereby reducing talent turnover. In addition, a President's mailbox has also been set up as an open communication channel for employees.
- ✓ The Company's system monitors employee attendance monthly to identify and care for those who may be working excessive hours or have potential health concerns. It also provides annual health examinations and group insurance that surpass regulatory requirements.



• Human Rights Protection

LCY Technology is committed to protecting the human rights of employees and external stakeholders. The Company recognizes and supports the basic human rights principles in the UN's "Universal Declaration of Human Rights", the "United Nations Global Compact", and the "International Labor Organization Conventions". LCY Technology has established the "Employee Code of Conduct", "Work Rules", "Measures for the Prevention, Complaint Handling, and Disciplinary Actions of Sexual Harassment", and the "Supplier Evaluation and Management Procedures" for suppliers to ensure the implementation of human rights in all aspects. The Company regularly conducts identification, audit, and review meetings on human rights issues, and ensures that no incidents of human rights violations occur in its operations. No such incidents occurred in 2024.

LCY Technology also values employee health, providing regular health examinations and health promotion seminars, as well as free flu vaccination services. Professional psychological counseling services are also available twice a month to help employees cope with work stress and regulate their emotions.

To maintain a harmonious work environment, the Company has formulated the "Procedures for Preventing Unlawful Infringement in the Workplace" in accordance with the "Occupational Safety and Health Act" of the Ministry of Labor and established clear regulations for preventing sexual harassment in accordance with the Act of Gender Equality in Employment. The Company has also set up hotlines and disciplinary mechanisms to ensure that employees can work in a fair and impartial environment. Through regular education and training, the Company aims to raise employees' awareness of workplace ethics and code of conduct, actively preventing workplace bullying, and protecting employees' basic dignity.

• Anti-Corruption

LCY Technology upholds the values of its parent company LCY Chemical (Safety and Health, Honesty and Integrity, Accountability, Co-Creation, and Kaizen). Among these, "Honesty and Integrity" serves as the basis for the Company's anti-corruption risk assessment method, upon which its anti-corruption risk assessment system is built. The system starts with identifying relevant laws and regulations and classifying forms of corruption. All employees (including those at the Taipei headquarters and the Kaohsiung copper foil plant) are required to fully comply with and implement these standards. The Company mandates each department to conduct annual self-assessments and reviews, requires suppliers to sign anti-corruption documents such as the "AML/CFT Commitment" and "Integrity Commitment", and to establish clear internal and external whistleblowing channels. The identities of whistleblowers are strictly protected to enable early detection of irregularities and effective corruption prevention. There were no incidents of corruption at LCY Technology in 2024.

• Whistleblowing and grievance mailbox: 5F., No. 83, Sec. 4, Bade Rd., Songshan District, Taipei City, Taiwan (R.O.C.);
LCY Technology whistleblowing mailbox
• E-mail : gmlcyt@lcygroup.com

• 2024 Ethical Management and Ethics Education

Item	Implementation Method	Participants / Location	Coverage Rate
Anti-Corruption	Integrity Commitment	All employees (Taipei headquarters, Kaohsiung copper foil plant)	100%
Anti-Corruption	Integrity Commitment	Suppliers/Contractors (Taipei headquarters, Kaohsiung copper foil plant)	100%
Corruption incidents	Supplier disciplinary actions	Suppliers/Contractors	0%
Supplier integrity promotion	Integrity course or promotion	Suppliers/Contractors	100%
Complaints and occurrence of corruption incidents Core Values Training - Integrity Course	Promote education and grievance mechanisms, with management personally leading training sessions to communicate the Company's five core values (with special emphasis on integrity)	Director or above	100%
		All employees (Taipei headquarters, Kaohsiung copper foil plant)	100%

Appendix



GRI Standards Comparison Table

Statement of Use	LCY Technology's 2024 Sustainability Report has been prepared in accordance with the GRI Standards, covering the reporting period from January 1 to December 31, 2024.
GRI 1 Standards Used	Foundation 2021
Applicable GRI Industry Standards	N/A



GRI 2: General Disclosures 2021

GRI Standards/Disclosure Number	Report Content or Description	Page No.
Organization and Reporting Practices		
2-1 Organizational Details	0.2 About LCY Technology	12
2-2 Entities Included in the Organization's Sustainability Reporting	0.2 About LCY Technology	12
2-3 Reporting Period, Frequency, and Contact Person	0.0 About the Report	06
2-4 Restatements of Information	0.0 About the Report	06
2-5 External Assurance	0.0 About the Report & Appendix: Third-Party Assurance Statement	06 、 110
Activities and Workers		
2-6 Activities, Value Chain, and Other Business Relationships	0.2 About LCY Technology 2.2 Supply Chain Management 3.2 Operational Finance	12 70 89
2-7 Employees	2.1 Talent Management (Talent Structure and Management)	63
2-8 Non-Employee Workers	2.0 Creating a Comprehensive Safety Culture (Occupational Accident Statistics Table, Non-Employee Section)	58
Governance		
2-9 Governance Structure & Composition	3.1 Corporate Governance Structure	83
2-10 Nominating and Selecting the Highest Governance Body	3.1 Corporate Governance Structure	83
2-11 Chair of the Highest Governance Body	3.1 Corporate Governance Structure	83
2-12 Role of the Highest Governance Body in Supervising Impact Management	0.3 Materiality Issues and Analysis 0.4 Practicing Sustainable Governance 3.1 Corporate Governance Structure	18 26 83
2-13 Persons Responsible for Impact Management	0.4 Practicing Sustainable Governance	26
2-14 Role of the Highest Governance Body in Sustainability Reporting	0.3 Materiality Issues and Analysis 0.4 Practicing Sustainable Governance	18 26
2-15 Conflicts of Interest	3.1 Corporate Governance Structure	83
2-16 Communication of Critical Concerns	0.3 Materiality Issues and Analysis	18
2-17 Collective Knowledge of the Highest Governing Body	3.1 Corporate Governance Structure	83
2-18 Performance Evaluation of the Highest Governing Body	3.1 Corporate Governance Structure	83
2-19 Compensation Policy	Refer to the annual report, Remuneration Committee Charter, and Articles 27, 30-1 and 31 of the Company's Articles of Incorporation	
2-20 Process to Determine Compensation	2.1 Talent Management	63
2-21 Annual Total Compensation Ratio	2.1 Talent Management	63

GRI Standards/Disclosure Number	Report Content or Description	Page No.
Strategy, Policies, and Practices		
2-22 Statement on Sustainable Development Strategy	0.1 Chairman's Message 0.4 Practicing Sustainable Governance	10 26
2-23 Policy Commitments	0.1 Chairman's Message 0.4 Practicing Sustainable Governance 2.0 Occupational Health and Safety Management 2.1 Talent Management (Human Rights Policy) 3.0 Ethics and Integrity	10 26 58 63 82
2-24 Embedding Policy Commitments	0.4 Practicing Sustainable Governance 2.0 Occupational Health and Safety Management 2.1 Talent Management (Human Rights Policy) 3.0 Ethics and Integrity 3.3 Risk Management and Tracking	26 58 63 82 92
2-25 Procedures for Remedying Negative Impact	2.0 Occupational Health and Safety Management (Incident Investigation) 2.1 Talent Management (Human Rights Policy) 2.2 Supply Chain Management 3.0 Ethics and Integrity 3.3 Risk Management and Tracking	58 63 70 82 92
2-26 Mechanisms for Seeking Advice and Raising Concerns	2.1 Talent Management (Complaint Mailbox) 2.2 Supply Chain Management 3.0 Ethics and Integrity 3.1 Corporate Governance Structure (Whistleblowing Mailbox, Board Performance Evaluation) 3.2 Operational Finance (Investor Feedback Website) 3.3 Risk Management and Tracking (Whistleblowing Mailbox)	63 70 82 83 89 95
2-27 Compliance	0 penalty records	56
2-28 Membership of Associations	Appendix	106
Stakeholder Engagement		
2-29 Approach to Stakeholder Engagement	0.3 Materiality Issues and Analysis	18
2-30 Collective Bargaining Agreements	There are currently no collective bargaining agreements, but employee rights are communicated through labor-management meetings	

GRI 3: Material Topics2021

GRI Standards/Disclosure Number	Report Content or Description	Page No.
3-1 Process for Determining Material Topics	0.3 Materiality Issues and Analysis	18
3-2 List of Material Topics	0.3 Materiality Issues and Analysis	18
3-3 Management of Material Topics	0.3 Materiality Issues and Analysis	18



GRI Standards/Disclosure Number		Disclosure Chapter	Page No.
Green Products			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	0.1 Chairman's Message	10
		0.4 Practicing Sustainable Governance	26
		1.5 Life Cycle Management and Product Safety	51
GRI 306 Waste 2020	306-1 Waste Output and Significant Waste-Related Impacts	1.4 Waste Management	48
		1.5 Life Cycle Management and Product Safety	51
	306-4 Waste Recycling Method, Type and Volume (On-Site and Off-Site)	1.4 Waste Management	48
	306-5 Waste Disposal Method, Type, and Volume (On-Site and Off-Site)	1.4 Waste Management	48
Waste and Hazardous Materials Management			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	1.4 Waste Management	48
GRI 306 Waste 2020	306-1 Waste Output and Significant Waste-Related Impacts	1.4 Waste Management	48
		1.5 Life Cycle Management and Product Safety	51
	306-3 Waste Generated		
	306-4 Waste Recycling Method, Type and Volume (On-Site and Off-Site)	1.4 Waste Management	48
	306-5 Waste Disposal Method, Type, and Volume (On-Site and Off-Site)	1.4 Waste Management	48
Energy Management			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	1.2 Energy Management	42
GRI 302 Energy 2016	GRI 302-1	1.2 Energy Management	42
	GRI 302-3	1.2 Energy Management	42
GHG Emissions			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	0.1 Chairman's Message	10
		0.4 Practicing Sustainable Governance	26
		1.1 Greenhouse Gas and Air Quality Management	39
GRI 305 Emissions 2016	305-1 Direct (Scope 1) GHG Emissions	1.1 Greenhouse Gas and Air Quality Management	39
	305-2 Energy Indirect (Scope 2) GHG Emissions	1.1 Greenhouse Gas and Air Quality Management	39
	305-4 GHG Emissions Intensity	1.1 Greenhouse Gas and Air Quality Management	39
Air Quality Management			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	1.1 Greenhouse Gas and Air Quality Management	39
GRI 305 Emissions 2016	305-7 Nitrogen Oxides (NOx), Sulfur Oxides (SOx), and Other Significant Air Emissions	1.1 Greenhouse Gas and Air Quality Management	39
Water Management			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	1.3 Water Resource Management	45
GRI 303 Water and Effluents 2018	303-1 Interactions with Water as a Shared Resource	1.3 Water Resource Management	45
	303-2 Management of Water Discharge-Related Impacts	1.3 Water Resource Management	45
	303-3 Water Intake	1.3 Water Resource Management	45
	303-4 Water Discharge	1.3 Water Resource Management	45
	303-5 Water Consumption	1.3 Water Resource Management	45

GRI Standards/Disclosure Number		Disclosure Chapter	Page No.
Product Safety			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	1.5 Life Cycle Management and Product Safety	51
GRI 416 Customer Health and Safety	416-1 Assessment of the Health and Safety Impacts of Product and Service Categories	1.5 Life Cycle Management and Product Safety	51
		2.2 Supply Chain Management (Customer Relations Management)	70
	416-2 Incidents of Non-Compliance Concerning the Health and Safety Impacts of Products and Services	1.5 Life Cycle Management and Product Safety	51
		There were no incidents of non-compliance concerning the health and safety impacts of products and services in 2024	
Business Ethics			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	3.0 Ethics and Integrity	82
		3.3 Risk Management and Tracking	92
GRI 205 Anti-Corruption 2016	205-1 Business Locations Assessed for Corruption-Related Risks	3.3 Risk Management and Tracking	92
	205-2 Communication and Training About Anti-Corruption Policies and Procedures	3.3 Risk Management and Tracking	92
	205-3 Confirmed Incidents of Corruption and Actions Taken	3.3 Risk Management and Tracking - There were no incidents of corruption in 2024	92
Supplier Management			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	2.2 Supply Chain Management	70
GRI 204 Procurement Practices 2016	204-1 Proportion of Spending on Local Suppliers	2.2 Supply Chain Management	70
GRI 308 Supplier Environmental Assessment 2016	308-1 New Suppliers that Were Screened Using Environmental Criteria	2.2 Supply Chain Management	70
	308-2 Negative Environmental Impacts in the Supply Chain and Actions Taken	2.2 Supply Chain Management	70
GRI 414 Supplier Social Assessment 2016	414-1 New Suppliers that Were Screened Using Social Criteria	2.2 Supply Chain Management	70
	414-2 Negative Social Impact in the Supply Chain and Actions Taken	2.2 Supply Chain Management	70
GRI 409: Forced or Compulsory Labor	409-1 Operations and Suppliers at Significant Risk for Incidents of Forced or Compulsory Labor	2.2 Supply Chain Management - No incidents of forced or compulsory labor were identified during audits of operating sites and suppliers	70
Purchased Materials			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	2.2 Supply Chain Management	70
GRI 204 Procurement Practices 2016	204-1 Proportion of Spending on Local Suppliers	2.2 Supply Chain Management	70
Talent Cultivation			
GRI 3 Material Topics 2021	GRI 3-3 Management of Material Topics	2.1 Talent Management	63
GRI 404 Training and Education 2016	404-1 Average Hours of Training Per Employee Per Year	2.0 Occupational Health and Safety Management (Occupational Health and Safety Training)	58
		2.1 Talent Management (Diverse Recruitment and Training)	63
	404-2 Programs for Upgrading Employee Skills and Transition Assistance Programs	2.1 Talent Management (Robust, High-Quality Compensation and Welfare, Diverse Recruitment and Training)	63

SASB Standards Comparison Table

Electrical & Electronic Equipment

Table 1. Sustainable Disclosure Themes and Metrics

Theme	Metric	Type	Measurement Unit	Code	Description or Corresponding Chapters
Energy Management	(1) Total energy consumption (2) Grid electricity percentage (3) Renewable percentage	Quantitative	Gigajoules (GJ), percentage	RT-EE-130a.1	(1) Total energy consumption is 410,893.46 GJ. (2) Electricity consumption accounted for 91.45%. (3) The Kaohsiung plant has fully installed solar panels on its rooftop, with a total installed capacity of 499.2 kW. In 2021, the Company signed a green certificate agreement, which enabled it to meet the government mandated green power installation target of 10% two years ahead of schedule. The plant officially started using renewable energy in 2023. The Company's renewable energy management policies comply with the Waste Disposal Act issued by the competent authority (see 1.2 Energy Management for details).
Hazardous Waste Management	(1) Weight of hazardous waste generated (2) Waste recycled percentage	Quantitative	Metric tons (t), percentage (%)	RT-EE-150a.1	The total amount of waste generated in 2024 was 585.7 metric tons, of which 87.32% were hazardous waste. LCY Technology adopts world-class standards in implementing circular economy practices. For the 84.03% of total waste generated that is recyclable, the Company has commissioned recycling companies to process the waste and extract precious metals which are then reused in industrial processes. (Please refer to 1.4 Waste Management)
	(1) Number and total volume of spills, (2) volume recycled	Quantitative	Times/Kilogram (kg)	RT-EE-150a.2	There were no violations of laws and regulations in 2024.
Product Safety	(1) Number of recalls, (2) total number of units recalled	Quantitative	Times/Amount	RT-EE-250a.1	In accordance with the Company's current internal policy, customer grievance information contains customers' sensitive information, and as such, in the interest of protecting privacy, the Company is unable to provide specific details. Regarding other product safety management approaches, please refer to 1.5 Life Cycle Management and Product Safety .
	Total monetary loss arising from legal proceedings related to product safety	Quantitative	Reporting currency	RT-EE-250a.2	LCY Technology has not suffered any monetary losses as a result of legal proceedings related to product safety. Please refer to 1.5 Life Cycle Management and Product Safety .
Product Lifecycle Management	Percentage of revenue from products containing IEC 62474 declarable substances	Quantitative	Percentage based on revenue (%)	RT-EE-410a.1	A self-assessment conducted according to IEC 62474 identified substances used by the Company that require declaration as hexavalent chromium and nickel. Hexavalent chromium is only used in the manufacturing process, and SGS testing of the Company's copper foil products showed a content level of N.D. (not detected). Therefore, it is not included in the product classification by revenue. Measures to reduce and manage the nickel content in products are conducted based on customer requirements and product quality considerations. Please refer to 1.5 Life Cycle Management and Product Safety .
	Percentage of revenue from products that meet ENERGY STAR® standards (by revenue)	Quantitative	Percentage based on revenue (%)	RT-EE-410a.2	No products are classified according to ENERGY STAR® standards.
	Revenue from renewable energy and energy efficiency related products	Quantitative	Reporting currency	RT-EE-410a.3	The Kaohsiung plant has fully installed solar panels on its rooftop, with a total installed capacity of 499.2 kW, achieving the government mandated green power installation target of 10% two years ahead of schedule. The Company will continue to evaluate diversified renewable energy sources and calculate revenue involving renewable energy.
Materials Sourcing	Description of risk management related to the use of key materials	Discussion and analysis	N/A	RT-EE-440a.1	The Company's key raw material is recycled copper wire. Although there is currently no issue of shortage, it continues to establish secondary and tertiary channels through new supplier evaluations to ensure access (see 2.2 Supply Chain Management).

Theme	Metric	Type	Measurement Unit	Code	Description or Corresponding Chapters
Business ethics	Description of policies and practices for preventing (1) corruption and bribery and (2) anti-competitive behavior	Discussion and analysis	N/A	RT-EE-510a.1	Suppliers and employees are required to act with integrity, take accountability, and sign the (1) AML/CFT Commitment, (2) Integrity Commitment, and (3) anti-corruption and antitrust-related documents. In addition, an "AML system" has been established to automatically identify parties listed on trade sanction lists. (Please refer to 2.2 Supply Chain Management and 3.3 Risk Management and Tracking)
	Total monetary loss arising from legal proceedings related to bribery or corruption	Quantitative	Reporting currency	RT-EE-510a.2	There were no cases or monetary losses as a result of legal proceedings associated with bribery or corruption.
	Total monetary loss arising from legal proceedings related to anti-competitive behavior	Quantitative	Reporting currency	RT-EE-510a.3	There were no legal proceedings or monetary losses arising from anti-competitive behavior.

Table 2. Activity Metrics

Activity Metrics	Type	Measurement Unit	Code	Description or Corresponding Chapters
Number of units produced, by product category	Quantitative	Amount	RT-EE-000.A	Total copper foil production in 2024 was 8,056 tons
Number of employees	Quantitative	Amount	RT-EE-000.B	The total number of full-time employees in 2024 was 195

Metals & Mining

Table 1. Sustainable Disclosure Themes and Metrics

Theme	Metric	Type	Measurement Unit	Code	Description or Corresponding Chapters
GHG Emissions	Total global Scope 1 emissions, percentage covered under emissions restrictions	Quantitative	Tons of CO ₂ equivalent (ton-CO ₂ e), percentage (%)	EM-MM-110a.1	In 2024, GHG emissions were 54116.61 ton-CO ₂ e, in which Scope 1 emissions were 177.21 ton-CO ₂ e, accounting for 0.33% of total GHG emissions; Scope 2 emissions were 53939.40 ton-CO ₂ e, accounting for 99.67% of total GHG emissions. Note: The calculation method complies with regulations of the competent authority. For details, please refer to: 1.1 Greenhouse Gas and Air Quality Management
	Discussion of long-term and short-term strategies or plans for managing Scope 1 emissions and emission reduction targets, and performance analysis regarding these targets	Discussion and analysis	n/a	EM-MM-110a.2	Advance towards carbon neutrality by 2050 1. Carbon footprint - In 2022, the Company completed the calculation and verification of 12um copper foil products (including third-party verification of the carbon footprint and the introduction of the GHG management knowledge system), and has since voluntarily updated the carbon footprint calculation of each product on an annual basis. 2. Net zero 6R strategy. In line with the government's "Taiwan's Pathway to Net-Zero Emissions in 2050" initiative announced at the end of March 2022, relevant plans have been made before production volume continues to increase and revenue continues to grow. 3. Establish short-, medium-, and long-term goals for GHG management. Through real-time information systems, review carbon reduction performance every year and propose optimization measures. For details, please refer to 1.1 Greenhouse Gas and Air Quality Management .

Theme	Metric	Type	Measurement Unit	Code	Description or Corresponding Chapters
Air Emissions	Atmospheric emissions of the following pollutants: (1) CO, (2) NOx (excluding N2O), (3) SOx, (4) particulate matter (PM10), (5) mercury (Hg), (6) lead (Pb), and (7) volatile organic compounds (VOC)	Quantitative	Tons (t)	EM-MM-120a.1	1.1 Greenhouse Gas and Air Quality Management
Energy Management	(1) Total energy consumption (2) Percentage grid electricity (3) Percentage renewable	Quantitative	Gigajoules (GJ), percentage (%)	EM-MM-130a.1	(1) Total energy consumption was 410,893.46 GJ (2) Electricity consumption accounted for 91.45% (3) The Kaohsiung plant has fully installed solar panels on its rooftop, with a total installed capacity of 499.2 kW. In 2021, the Company signed a green certificate agreement, which enabled it to meet the government mandated green power installation target of 10% two years ahead of schedule. The plant officially started using renewable energy in 2023. The Company’ s renewable energy management policies comply with the Waste Disposal Act issued by the competent authority (see 1.2 Energy Management for details).
Water Management	(1) Total fresh water withdrawn, (2) total fresh water consumed, percentage from areas with high or extremely high water stress	Quantitative	Thousand cubic meters (m³), percentage (%)	EM-MM-140a.1	(1) Total fresh water withdrawn (tap water + water trucks) was 24,865 tons; (2) Total freshwater consumed was 301,903 tons. According to the Aqueduct Water Risk Atlas of the World Resources Institute, the overall water risk of the Kaohsiung plant is low-medium (1-2); the water baseline stress score is less than 10%, which is classified as low stress [Baseline Water Stress (BWS) Score: Low (<10%)]. The Company introduced the use of reclaimed water (with municipal wastewater as the water source) on December 10, 2021. In 2024, 266,561 tons of reclaimed water were used, accounting for 88.29% of total water consumption, while the use of tap water (fresh water) was reduced to 10%, helping to mitigate drought and water shortage risks under extreme climate conditions and prevent operational disruptions. For details, please refer to 1.3 Water Resource Management .
	Number of non-compliance incidents related to water quality permits, standards, and regulations	Quantitative	Number	EM-MM-140a.2	The Company's wastewater emissions are managed by the joint wastewater treatment plant of Linhai Industrial Park. There were no major violations in 2024. For more information on water resource management approaches, please refer to 1.3 Water Resource Management
Waste and Hazardous Materials Management	Total weight of non-mineral waste generated	Quantitative	Tons (t)	EM-MM-150a.4	The Company does not own mines; therefore, no non-mineral waste was generated. For the classification and management of other types of waste, please refer to 1.4 Waste Management
	Total tailings generated	Quantitative	Tons (t)	EM-MM-150a.5	The Company does not own mines; therefore, no tailings were generated.
	Total waste rock	Quantitative	Tons (t)	EM-MM-150a.6	The Company does not engage in any mining activities; therefore, no waste rock is generated.
	Total hazardous waste	Quantitative	Tons (t)	EM-MM-150a.7	511.41 (t)
	Hazardous waste recycling rate	Quantitative	Tons (t)	EM-MM-150a.8	In 2024, the amount of hazardous waste recycled and reused was 458.28 tons, accounting for 89.61% of hazardous waste. *Supplementary description: In 2024, all hazardous waste output was outsourced to certified contractors for disposal, of which 89.61% was ultimately treated for reuse.
	Number of major incidents related to hazardous substances and waste management	Quantitative	Number	EM-MM-150a.9	In 2024, all hazardous waste from the Company's Kaohsiung plant was disposed of legally in accordance with government regulations, and no legal violations nor penalties have occurred.
	Description of waste and hazardous substances management policies and procedures for leading or non-leading operations	Discussion and analysis	n/a	EM-MM-150a.10	The Company does not own mines nor engage in extraction or beneficiation. All waste generated is in compliance with the Waste Disposal Act of the competent authority. For details, please refer to 1.4 Waste Management .

Theme	Metric	Type	Measurement Unit	Code	Description or Corresponding Chapters
Impact on Biodiversity	Description of workplace environmental management policies and practices	Discussion and analysis	n/a	EM-MM-160a.1	1.5 Life Cycle Management and Product Safety 2.0 Creating a Comprehensive Safety Culture
	Percentage of acid rock drainage in the mining area, including: (1) expected occurrence, (2) active mitigation, and (3) under treatment or repair	Quantitative	Percentage (%)	EM-MM-160a.2	No mines owned
	Percentage located within or near a reserve or endangered species habitat (1) known and (2) possible protected areas	Quantitative	Percentage (%)	EM-MM-160a.3	Neither the Taipei headquarters nor the Kaohsiung plant are located within or near a reserve or endangered species habitat
Safety, Human Rights, and Related Rights of Locals	(1) Reserves and (2) possible reserves that may be in conflict-affected or adjacent areas	Quantitative	Percentage (%)	EM-MM-210a.1	Neither the Taipei headquarters nor the Kaohsiung plant are located within or near a conflict zone
	(1) Reserves and (2) possible reserves that may be in indigenous reserves or nearby areas	Quantitative	Percentage (%)	EM-MM-210a.2	Neither the Taipei headquarters nor the Kaohsiung plant are located within an indigenous reserve
	Discussion of engagement processes and due diligence practices related to human rights, indigenous rights, and operations in conflict zones	Discussion and analysis	n/a	EM-MM-210a.3	1. In response to customer requirements, the Company jointly requests suppliers and contractors to provide a “Conflict Mineral Free Declaration” . 2. An “AML system” has been established to automatically detect entries to trade sanction lists.(Please refer to 2.2 Supply Chain Management)
Community Relations	Discussion of risk management and opportunities related to community interests	Discussion and analysis	n/a	EM-MM-210b.1	2.3 Shared Socioeconomic Benefits
	Number and duration of non-technical delays	Quantitative	Number of days	EM-MM-210b.2	N/A
Labor Relations	Percentage of the active workforce covered by collective bargaining agreements by U.S. and foreign employees	Quantitative	Percentage (%)	EM-MM-310a.1	LCY Technology provides employees with comprehensive care, treating employees like partners and family. The Company does not prohibit unionizing, but no employees have taken the initiative to demand unionization.
	Number and duration of strikes and shutdowns.	Quantitative	Number of days	EM-MM-310a.2	N/A
Employee Health and Safety	(1) MSHA incidence rate, (2) fatality rate, (3) near miss frequency rate (NMFR), and (4) average training hours on health, safety, and emergency response for (a) full-time employees and (b) contract employees	Quantitative	Rate	EM-MM-320a.1	The Company handles work-related injury statistics and analysis in accordance with regulations of the competent authority. The Company does not own mines nor engage in mining activities, so MSHA statistic standards do not apply. All employee health and safety protection measures meet or even exceed the requirements of the competent authority. For detailed statistics, please refer to Chapter 2.0 Creating a Comprehensive Safety Culture - Occupational Health and Safety .
Business Ethics and Transparency	Description of the management system for preventing corruption and bribery throughout the value chain	Discussion and analysis	n/a	EM-MM-510a.1	2.2 Supply Chain Management 3.3 Risk Management and Tracking
	Production in 20 countries ranked lowest on Transparency International’ s Corruption Perceptions Index	Quantitative	Saleable metric tons (t)	EM-MM-510a.2	N/A.

Theme	Metric	Type	Measurement Unit	Code	Description or Corresponding Chapters
Tailings Dam Management	Tailings Storage Facilities Table: (1) Facility name, (2) location, (3) ownership status, (4) operating status, (5) construction method, (6) maximum storage allowance, (7) current tailings storage volume, (8) classification, (9) date of most recent independent technical review, (10) material investigation results, (11) mitigation measures, (12) site-specific EPRP	Quantitative	n/a	MM-540a.1	The Company does not own any mines and therefore does not manage tailings and related facilities.
	Summary of the management system and governance structure for monitoring and maintaining the stability of tailings storage facilities	Discussion and Analysis	n/a	EM-MM-540a.2	The Company does not own any mines and therefore does not manage tailings and related facilities.
	Method for formulating emergency preparedness and response plans (EPRP) for tailings storage facilities	Discussion and Analysis	n/a	EM-MM-540a.3	The Company does not own any mines and therefore has no relevant EPRPs.

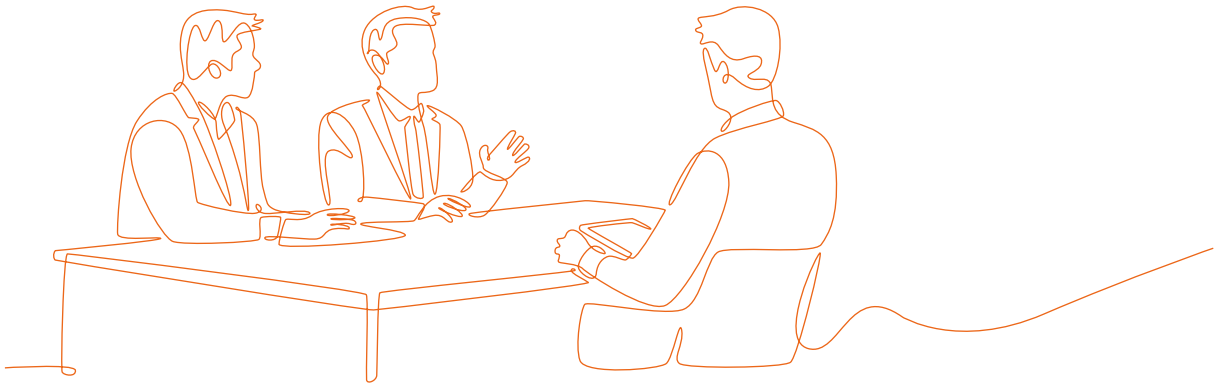
Table 2. Activity Metrics

Activity Metrics	Type	Measurement Unit	Code	Description or Corresponding Chapters
(1) Metal ores and (2) the production of metal products	Quantitative	Amount	EM-MM-000.A	Total copper foil production in 2024 was 8,056 tons
Total number of employees, percentage of contracted labor	Quantitative	Amount, percentage (%)	EM-MM-000.B	In 2024, the total number of employees at LCY Technology was 195, of which full-time employees accounted for 98% of total employees, while temporary employees accounted for 2%.

Participation in Associations and Non-Profit Organizations

Memberships in Industry Associations or Non-Profit Organizations	Participation
Taiwan Printed Circuit Association	Full member
Kaohsiung Chamber of Industry	Full member

A total of 2 entries.



SDGs Comparison Table

SDGs	Chinese and English Description	Corresponding Chapters in LCY Technology's ESG Report
Goal 1	Goal 1: No Poverty: End poverty in all its forms everywhere	N/A
Goal 2	Goal 2: Zero Hunger: End hunger, achieve food security and improved nutrition and promote sustainable agriculture	N/A
Goal 3	Goal 3: Good Health and Well-being: Ensure healthy lives and promote well-being for all at all ages	Occupational Health and Safety Management
Goal 4	Goal 4: Quality Education: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	N/A
Goal 5	Goal 5: Gender Equality: Achieve gender equality and empower all women and girls	Corporate Governance, Talent Management
Goal 6	Goal 6: Clean Water and Sanitation: Ensure availability and sustainable management of water and sanitation for all	Water Resource Management
Goal 7	Goal 7: Affordable and Clean Energy: Ensure access to affordable, reliable, sustainable and modern energy for all	Energy Management
Goal 8	Goal 8: Decent Work and Economic Growth: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	Corporate Governance, Talent Management, Occupational Health and Safety Management
Goal 9	Goal 9: Industry, Innovation, and Infrastructure: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	Corporate Governance
Goal 10	Goal 10: Reduced Inequality: Reduce inequality within and among countries	Corporate Governance, Talent Management
Goal 11	Goal 11: Sustainable Cities and Communities: Make cities and human settlements inclusive, safe, resilient, and sustainable	Risk Management and Tracking, Water Resources/Waste/Air Quality Management
Goal 12	Goal 12: Responsible Consumption and Production: Ensure sustainable consumption and production patterns	6R of Sustainability
Goal 13	Goal 13: Climate Action: Take urgent action to combat climate change and its impacts	TCFD Climate Risks and Adaptation
Goal 14	Goal 14: Life Below Water: Conserve and sustainably use the oceans, seas, and marine resources for sustainable development	N/A
Goal 15	Goal 15: Life on Land: Protect, restore and promote sustainable use of terrestrial ecosystems, manage forests sustainably, combat desertification, and halt and reverse land degradation and halt biodiversity loss	N/A
Goal 16	Goal 16: Peace and Justice Strong Institutions: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	Corporate Governance, Talent Management, Supply Chain Management
Goal 17	Goal 17: Partnerships to achieve the Goal: Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development	N/A

ISO14067 Carbon Footprint Verification Statement



Statement No.: C537899-2021-CFP-TWN-DNV
Place and date: Taipei, 8 June, 2022

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Supplement to Statement

Process and Methodology

The reviews of the Inventory Report and the subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfillment of stated criteria. The Inventory Report correctly complies with the requirement of ISO 14067:2018.

Quantification of Carbon Footprint inventory analysis

The Inventory Report covering the period January 1, 2021 to December 31, 2021. Commercial LCA databases were applied for calculating life-cycle carbon emission factors. It is DNV's opinion that the Inventory Report results in quantification of Carbon Footprint that are real, transparent and measurable.

System Boundary of Verification

cradle-to-gate

Declared Unit

One kilogram (1 kg) of Electrodeposited Copper Foils (12µm) for PCB application and electronic products

Carbon Footprint Verified

	Rolled Copper Foils (kgCO ₂ e/unit)	Sheet Copper Foils (kgCO ₂ e/unit)
Raw Material Phase	1.377	1.377
Manufacturing Phase	7.717	7.823
Total	9.094	9.200

Raw Material Phase: Extraction, production, and transportation of Main materials, Auxiliary materials and packaging materials were considered, details are as described in the company's CFP inventory report.
Manufacturing Phase: Energy & water consumption, treatment of waste and emissions to the environment were considered, details are as described in the company's CFP inventory report.

Verification Opinion

Verified without Qualification

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
This Verification Opinion is based on the information made available to us and the engagement conditions detailed above. Hence, DNV cannot guarantee the accuracy or correctness of the information. DNV cannot be held liable by any party relying or acting upon this Verification Opinion.
立思諾國際驗證股份有限公司, 新北市板橋區文化路二段 293 號 29 樓, TEL: +886-2-82537800, website: www.dnvgl.com.tw



VERIFICATION STATEMENT OF CARBON FOOTPRINT ASSERTIONS

Statement No.:
C537899-2021-CFP-TWN-DNV

Issued date:
8 June, 2022

Page 1 of 2

This is to verify Product Carbon Footprint Inventory Report (2021) of Electrodeposited Copper Foils (12µm) for PCB application and electronic products, published by

LCY TECHNOLOGY CORP.

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by LCY TECHNOLOGY CORP. (hereafter "the Company") to perform a verification of the product life cycle Carbon Footprint Inventory assertion of the Company's Product Carbon Footprint Inventory Report (2021) (hereafter the "Inventory Report") with respect to the following product: Electrodeposited Copper Foils (12µm) for PCB application and electronic products, and the data from LCY TECHNOLOGY CORP. at No. 3-1, Zhonglin Rd., Xiaogang Dist., Kaohsiung City 812039 Taiwan, R.O.C.

Verification Criteria and GHG Programme

The verification was performed on the basis of ISO 14067:2018, given to provide for consistent GHG emission identification, calculation, monitoring and reporting.

Verification Statement

It is DNV's opinion that the reliability of the information within the Carbon Inventory Report for site-specific data was verified with a reasonable assurance. The Inventory Report (2021), which was published on June 01, 2022 (Ver. 6.0), is free from material discrepancies in accordance with ISO 14067:2018.

Sophia Kim
Verifier

Place and date:
Taipei, 8 June, 2022

For the issuing office:
DNV Business Assurance Co., Ltd.
23FL, No. 293, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City 220,
Taiwan

Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
This Verification Opinion is based on the information made available to us and the engagement conditions detailed above. Hence, DNV cannot guarantee the accuracy or correctness of the information. DNV cannot be held liable by any party relying or acting upon this Verification Opinion.
立思諾國際驗證股份有限公司, 新北市板橋區文化路二段 293 號 29 樓, TEL: +886-2-82537800, website: www.dnvgl.com.tw

Sustainability Report Third-Party Independent Assurance Report



INDEPENDENT ASSURANCE OPINION STATEMENT

LCY TECHNOLOGY CORP. 2024 ESG Report

The British Standards Institution is independent to LCY TECHNOLOGY CORP. (hereafter referred to as LCYT in this statement) and has no financial interest in the operation of LCYT other than for the assessment and verification of the sustainability statements contained in this report.

This independent assurance opinion statement has been prepared for the stakeholders of LCYT only for the purpose of assuring its statements relating to its sustainability report, more particularly described in the Scope below. It was not prepared for any other purpose. The British Standards Institution will not, in providing this independent assurance opinion statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used, or to any person by whom the independent assurance opinion statement may be read.

This independent assurance opinion statement is prepared on the basis of review by the British Standards Institution of information presented to it by LCYT. The review does not extend beyond such information and is solely based on it. In performing such review, the British Standards Institution has assumed that all such information is complete and accurate.

Any queries that may arise by virtue of this independent assurance opinion statement or matters relating to it should be addressed to LCYT only.

Scope

The scope of engagement agreed upon with LCYT includes the followings:

1. The assurance scope is consistent with the description of LCY TECHNOLOGY CORP. 2024 ESG Report.
2. The evaluation of the nature and extent of the LCYT's adherence to AA1000 AccountAbility Principles (2018) in this report as conducted in accordance with type 1 of AA1000AS v3 sustainability assurance engagement and therefore, the information/data disclosed in the report is not verified through the verification process. This statement was prepared in English and translated into Chinese for reference only.

Opinion Statement

We conclude that the LCY TECHNOLOGY CORP. 2024 ESG Report provides a fair view of the LCYT sustainability programmes and performances during 2024. The sustainability report subject to assurance is free from material misstatement based upon testing within the limitations of the scope of the assurance, the information and data provided by the LCYT and the sample taken. We believe that the performance information of Environment, Social and Governance (ESG) are fairly represented. The sustainability performance information disclosed in the report demonstrate LCYT's efforts recognized by its stakeholders.

Our work was carried out by a team of sustainability report assurers in accordance with the AA1000AS v3. We planned and performed this part of our work to obtain the necessary information and explanations we considered to provide sufficient evidence that LCYT's description of their approach to AA1000AS v3 and their self-declaration in accordance with GRI Standards were fairly stated.

Methodology

Our work was designed to gather evidence on which to base our conclusion. We undertook the following activities:

- a review of issues raised by external parties that could be relevant to LCYT's policies to provide a check on the appropriateness of statements made in the report.
- discussion with managers on approach to stakeholder engagement. However, we had no direct contact with external stakeholders.
- 15 interviews with staffs involved in sustainability management, report preparation and provision of report information were carried out.
- review of key organizational developments.
- review of the findings of internal audits.
- review of supporting evidence for claims made in the reports.
- an assessment of the organization's reporting and management processes concerning this reporting against the principles of Inclusivity, Materiality, Responsiveness, and Impact as described in the AA1000AP (2018).

Conclusions

A detailed review against the Inclusivity, Materiality, Responsiveness, and Impact of AA1000AP (2018) and GRI Standards is set out below:

Inclusivity

This report has reflected a fact that LCYT has sought the engagement of its stakeholders and established material sustainability topics, as the participation of stakeholders has been initiated in developing and achieving an accountable and strategic response to sustainability. There are fair reporting and disclosures for the information of Environment, Social and Governance (ESG) in this report, so that appropriate planning and target-setting can be supported. In our professional opinion the report covers the LCYT's inclusivity issues.

Materiality

LCYT publishes material topics that will substantively influence and impact the assessments, decisions, actions and performance of LCYT and its stakeholders. The sustainability information disclosed enables its stakeholders to make informed judgements about the LCYT's management and performance. In our professional opinion the report covers the LCYT's material issues.

Responsiveness

LCYT has implemented the practice to respond to the expectations and perceptions of its stakeholders. An Ethical Policy for LCYT is developed and provides the opportunity to further enhance LCYT's responsiveness to stakeholder concerns. Topics that stakeholder concern about have been responded timely. In our professional opinion the report covers the LCYT's responsiveness issues.

Impact

LCYT has identified and fairly represented impacts that were measured and disclosed in probably balanced and effective way. LCYT has established processes to monitor, measure, evaluate, and manage impacts that lead to more effective decision-making and results-based management within the organization. In our professional opinion the report covers the LCYT's impact issues.

GRI Sustainability Reporting Standards (GRI Standards)

LCYT provided us with their self-declaration of in accordance with GRI Standards 2021 (For each material topic covered in the applicable GRI Sector Standard and relevant GRI Topic Standard, comply with all reporting requirements for disclosures). Based on our review, we confirm that sustainable development disclosures with reference to GRI Standards' disclosures are reported, partially reported, or omitted. In our professional opinion the self-declaration covers the LCYT's sustainability topics.

Assurance level

The moderate level assurance provided is in accordance with AA1000AS v3 in our review, as defined by the scope and methodology described in this statement.

Responsibility

The sustainability report is the responsibility of the LCYT's chairman as declared in his responsibility letter. Our responsibility is to provide an independent assurance opinion statement to stakeholders giving our professional opinion based on the scope and methodology described.

Competency and Independence

The assurance team was composed of auditors experienced in relevant sectors, and trained in a range of sustainability, environmental and social standards including AA1000AS, ISO 14001, ISO 45001, ISO 14064, and ISO 9001. BSI is a leading global standards and assessment body founded in 1901. The assurance is carried out in line with the BSI Fair Trading Code of Practice.

For and on behalf of BSI:


Peter Pu, Managing Director BSI Taiwan




Statement No: SRA-TW-824777
2025-06-19

Taiwan Headquarters: 2nd Floor, No. 37, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.
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100% Use of Recycled Materials Verified- UL2809



ENVIRONMENTAL CLAIM VALIDATION SUMMARY


LCY Technology Corp
PK-HTE-LP₃
Report Number:
 270719-4210
Validation Period:
 17 Jun 2022 - 17 Jun 2025


Claim:
 PK-HTE-LP3 contains 100% recycled copper.

Method:
 Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL ECVP 2809-2, Second Edition, dated November 7, 2023. Recycled Content is defined in accordance with ISO 14021.

Facility:
 3-1, Chung Lin Rd., Hsiaokang Kaohsiung, 10561 Taiwan

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ENVIRONMENTAL CLAIM VALIDATION SUMMARY


LCY Technology Corp
BR-HTE-2RT
Report Number:
 270720-4210
Validation Period:
 17 Jun 2022 - 17 Jun 2025

Claim:
 BR-HTE-2RT contains 100% recycled copper.

Method:
 Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL ECVP 2809-2, Second Edition, dated November 7, 2023. Recycled Content is defined in accordance with ISO 14021.

Facility:
 3-1, Chung Lin Rd., Hsiaokang Kaohsiung, 10561 Taiwan

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ENVIRONMENTAL CLAIM VALIDATION SUMMARY

LCY Technology Corp

PK-HTE-RTF

Report Number:

270721-4210

Validation Period:

17 Jun 2022 - 17 Jun 2025

Claim:

PK-HTE-RTF contains 100% recycled copper.

Method:

Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL ECVP 2809-2, Second Edition, dated November 7, 2023. Recycled Content is defined in accordance with ISO 14021.

Facility:

3-1, Chung Lin Rd., Hsiaokang Kaohsiung, 10561 Taiwan

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