



6 Responsible Procurement

A Promoter of Shared Values

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Suppliers have always been Nanya Technology's most crucial partners in our operations. We aim to strengthen our collaboration to create greater value and share the benefits of our partnership, as we work hand-in-hand toward a more sustainable future.

NT\$125.78 million

From 2019 to 2025, the refund for blue-collar migrant workers regarding items such as brokerage fees, transportation fees, service fees, medical examination fees, and document fees totaled NT\$125.78 million, benefiting 4,903 individuals.

211 companies

A total of 211 smelter suppliers associated with 3TG+C metals (gold, tantalum, tin, tungsten, cobalt) and mica were tracked. All 211 suppliers reported they were recognized by the Responsible Minerals Initiative (RMI), achieving a compliance rate of 100%.

39 companies

A total of 39 smelter suppliers associated with metals subject to international import/export strategy, including copper and nickel, were tracked. All 39 suppliers reported they were recognized by the Responsible Minerals Initiative (RMI), achieving a compliance rate of 100%.

Strategy and Performance of Material Topics

◆ Exceeded goals ◆ Achieved ◆ Not achieved

Material Topics and Strategy	2025 Goals	2025 Performance	2026 Goals
Sustainable Supply Chain Management - Conflict-free Metals and Responsible Minerals Sourcing Management: Nanya Technology ensures that all products are free from conflict minerals. - Supply Chain Risk Management: Suppliers undergo regular evaluations covering quality, delivery, service, cost, technology, and sustainable management.	100% adoption in conflict-free metals and responsibly sourced minerals	◆ 100%	Adoption in conflict-free metals and responsibly sourced minerals: 100%
	100% completion rate of the self-evaluation questionnaire by significant suppliers	◆ 100%	Completion rate of the self-evaluation questionnaire by significant suppliers: 100%
	100% improvement rate in the audit findings of high-risk sustainable suppliers	◆ 100%	Improvement rate in the audit findings of high-risk sustainable suppliers:100%
	100% signing rate for the Supplier Code of Conduct	◆ 100%	100% signing rate for the Supplier Code of Conduct
	100% completion rate of audits and guidance for significant suppliers	◆ 100%	100% completion rate of audits and guidance for significant suppliers
	At least 2 cases of supplier sustainability counseling	◆ 2	At least 2 cases of supplier sustainability counseling

6.1 / Supply Chain Overview

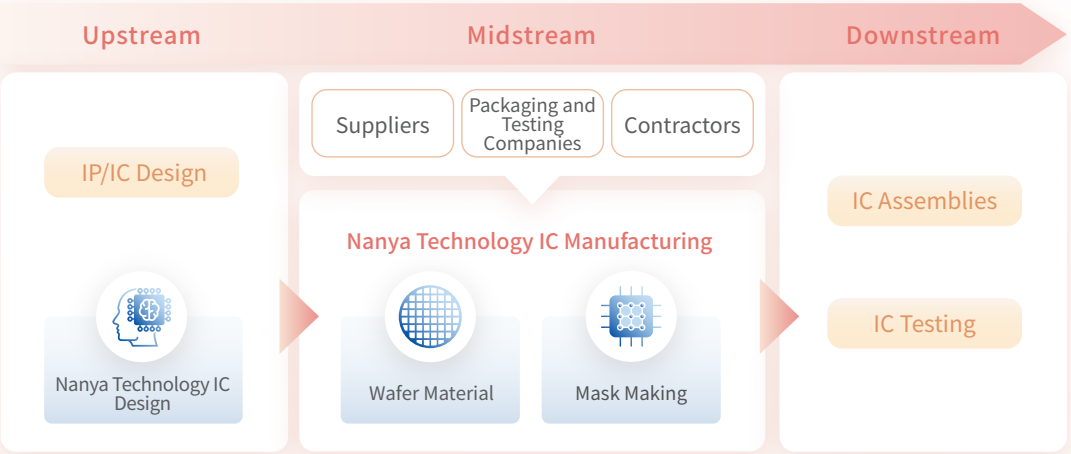
Nanya Technology Industry Chain

The IC industry, including DRAM, can be divided into upstream, midstream, and downstream segments. This industry chain encompasses IC circuit design, mask making/wafer materials, IC manufacturing, and IC assemblies and testing, among other specialized units. Nanya Technology focuses on the research, design, manufacturing, and sales of ICs, positioning itself in the upstream (IC design) and midstream (IC manufacturing) of the industry supply chain.

During the upstream product design and test verification phase, Nanya Technology's headquarters strives to fulfill the technical demands of customers across regions like Taiwan, China, Southeast Asia, Europe, the United States, Japan, and Korea, so as to enhance customer service efficiency and foster closer customer relationships. The headquarters also engages in occasional technical exchanges based on customer requirements, and provides technical support and assistance to resolve design and testing challenges.

In the midstream production and sales phase, Nanya Technology communicates regularly with customers. Weekly forecasts of future customer demands are relayed to the headquarters, which then converts these global demand estimates into a production plan. This plan is adjusted every week to meet customer requirements and maximize benefits. Meanwhile, Nanya Technology collaborates with downstream companies to build a comprehensive industry chain.

» Nanya Technology Industry Chain



Supply Chain Model

Based on the manufacturing process, Nanya Technology's *suppliers* are categorized into two types: suppliers and contractors. Suppliers are further divided into two categories based on the products procured: *production materials* and *non-production materials*. Among them, production materials suppliers are our primary suppliers, including suppliers of raw material and suppliers of professional spare parts (providing spare parts for clean room production equipment and related packaging materials).

To effectively manage suppliers and allocate relevant resources, Nanya Technology considers factors such as geopolitical risks and local regulations, raw material properties and components, environmental safety and health, labor ethics and human rights management, business ethics, and business continuity and management systems. These risk factors are categorized into four types: *supplier location*, *supplier product category*, *supplier operations*, and *sustainable governance*. Significant suppliers are identified according to the assessment results for these risk factors, including Tier 1 raw materials and professional spare parts suppliers, non-Tier 1 raw material suppliers, and high-risk suppliers.

Factors considered include:



» Supplier Geographical Distribution (Raw Materials and Professional Spare Parts Suppliers)

Year	2022	2023	2024	2025
Asia	273	270	292	283
Americas	96	81	103	81
Europe	28	27	34	25
Oceania	18	13	12	11
Total	415	391	441	400

*Supplier geographical distribution is based on the actual shipping locations. Therefore, calculation is based on the number of facilities per location.

» Supplier Categories

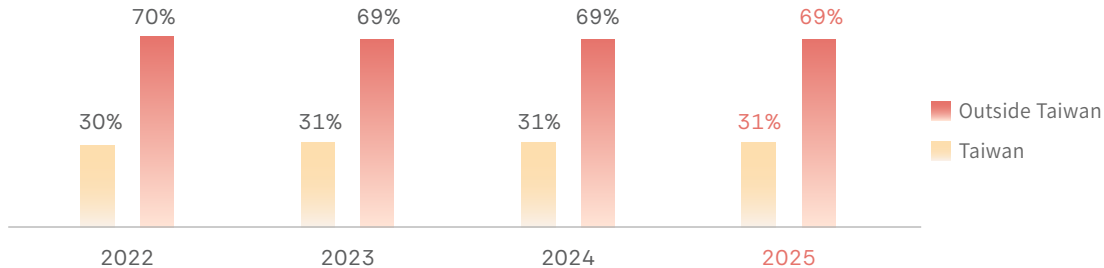
Year		2022	2023	2024	2025
Raw Materials	Number of Tier 1 suppliers	80	79	85	80
	Number of Tier 1 significant suppliers	80	79	85	80
	Percentage of Tier 1 significant suppliers (%)	100%	100%	100%	100%
	Percentage of procurement amount from Tier 1 significant suppliers (%)	100%	100%	100%	100%
Professional Spare Parts	Number of Tier 1 suppliers	202	194	210	205
	Number of Tier 1 significant suppliers	12	10	11	11
	Percentage of Tier 1 significant suppliers (%)	6%	5%	5.2%	5.4%
	Percentage of procurement amount from Tier 1 significant suppliers (%)	4%	6%	14.6%	4.1%
Number of Tier 1 suppliers		282	273	295	285
Number of Tier 1 significant suppliers		92	89	96	91
Total percentage of procurement amount from Tier 1 significant suppliers (%)		71	77	76.1%	71%
* Number of non-Tier 1 significant suppliers		80	79	75	70

*Non-Tier 1 suppliers are Tier 1 raw materials suppliers

Local Procurement

To improve service efficiency, shorten delivery times, and reduce environmental impact, Nanya Technology prioritizes local procurement. We have steadily increased this proportion over the past four years. However, as most semiconductor equipment and technologies are manufactured abroad or through international collaborations, the majority of raw materials for the semiconductor industry are currently still produced overseas. As a result, our foreign procurement expenditures exceed domestic procurement. Nanya Technology will continue to collaborate with local suppliers to increase procurement within Taiwan, thereby boosting employment opportunities and driving economic development. We work hand-in-hand with suppliers to create even greater value.

» 2022–2025 Local Raw Materials Procurement

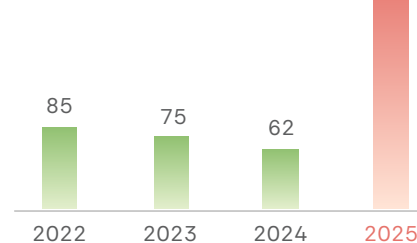


Note: Local procurement means procurement in Taiwan

Green Procurement

In response to global environmental protection campaigns, we continue to procure energy-saving, low-pollution, renewable, recyclable, and green construction materials, along with other eco-friendly products and equipment. We hope this initiative will encourage an overall transformation throughout our supply chain, thereby increasing the effectiveness of our green procurement. In 2025, our total green procurement amounted to NT\$265,581,910, which is NT\$203,990,070 higher than in 2024. This increase is primarily attributed to improvements in organic wastewater treatment efficiency. Nanya Technology will continue to explore opportunities to replace procurement items with green products.

» Total amount of green procurement (NT\$ Million)

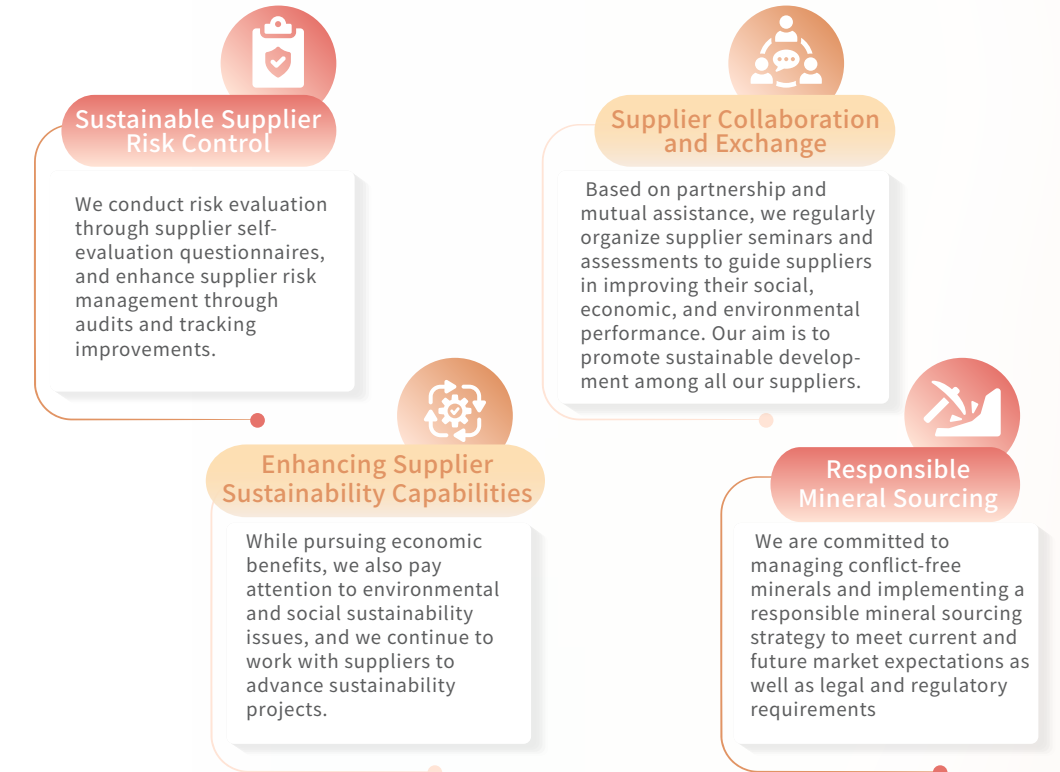


6.2 Sustainable Supply Chain Management

Nanya Technology deeply believes that the sustainable growth of our supply chain is essential to the sustainable development of our business. Therefore, we invest resources in managing and collaborating with our suppliers, hoping to drive sustainable growth throughout our supply chain and embody the value of shared success.

Sustainable Supply Chain Management Strategies

Nanya Technology's Sustainable Supplier Development Strategies

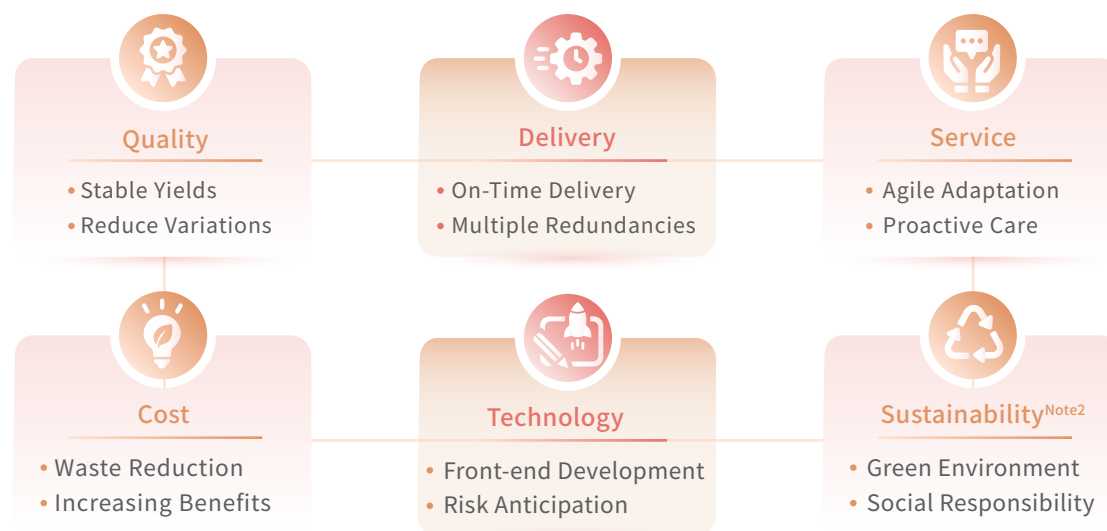


■ Nanya Technology Sustainable Suppliers Management Strategies

Nanya Technology's screening criteria for direct production material suppliers mandate not only ISO 9001 and ISO 14001 third-party verification but also rigorous internal evaluations. Utilizing an electronic supplier evaluation management system, we assess suppliers across six key aspects: quality, delivery, service, cost, technology, and sustainability. When we onboard new suppliers, ESG considerations must also be incorporated into the evaluation process. Suppliers are required to comply with the Nanya Technology Code of Conduct, commit to ethical management and the protection of human and labor rights, and pass sustainability assessments.

Among the evaluation criteria, the sustainability management indicator (sustainability) accounts for 19% of the total score to ensure suppliers meet the Company's sustainable supplier management requirements. Once suppliers are approved, Nanya Technology further verifies the implementation status of sustainable supplier management through document reviews and on-site audits.

» Six Strategies for Supplier Management^{Note 1}



Note 1: The top 5 strategies for supplier management are quality, delivery, service, technology, and sustainability.

Note 2: Sustainability

- Green environment evaluation criteria include ISO 14001 certification, ISO 45001 certification, energy and resource conservation, greenhouse gas reduction, and waste recycling rates

- Social responsibility evaluation criteria include commitments to complying with local labor laws

■ Supplier Chain Management Group

Nanya Technology annually reports the progress and effectiveness of our sustainability initiatives to the Sustainable Development Committee. The committee then further reports these findings to the Board of Directors.

Advancing sustainable supply chain management is one of Nanya Technology's key sustainability initiatives. Hence, Nanya Technology established the Sustainable Development Committee under the Board of Directors, which is composed of the Chairman, four Independent Directors, and two Executive Directors. This committee then oversees the Sustainable Development Steering Center and the Sustainable Management Division, which are in charge of executing our initiatives.

The Supplier Chain Management Group reports its sustainable supply chain initiatives and progress to the Sustainable Development Steering Center. The Chief Sustainability Officer reports the results to the Sustainable Development Committee twice a year.

The Sustainable Development Committee then presents these findings to the Board of Directors. Finally, the Board of Directors makes decisions on areas requiring optimization or improvement, ensuring that the goals of these initiatives align with the company's sustainability vision and policy.



Internal Training

To foster awareness regarding sustainable supply chains among our procurement staff, we conduct annual training on "Sustainable Supply Chain Management Processes." These courses cover topics such as supplier sustainability risk assessment standards and procedures and green procurement, enabling our procurement staff to integrate sustainability concepts into their daily operations. To ensure that all internal employees align with the company's sustainable supply chain management initiatives in their daily work and decision-making, we offered seven sustainability courses in 2025, with 25,362 participants, totaling 11,809 hours of training.



Governance Aspect

- Information Security Guidelines
- Promoting Guidelines on Insider Trading and Internal Material Information Handling
- Anti-Corruption Basics
- Introduction to Risk Management
- Responsible Minerals Sourcing Management



Environmental Aspect

Green Product
Training



Social Aspect

Labor and Ethics
Regulations Awareness



7 sustainability courses in 2025

25,362 participations

Totaling 11,809 hours of training



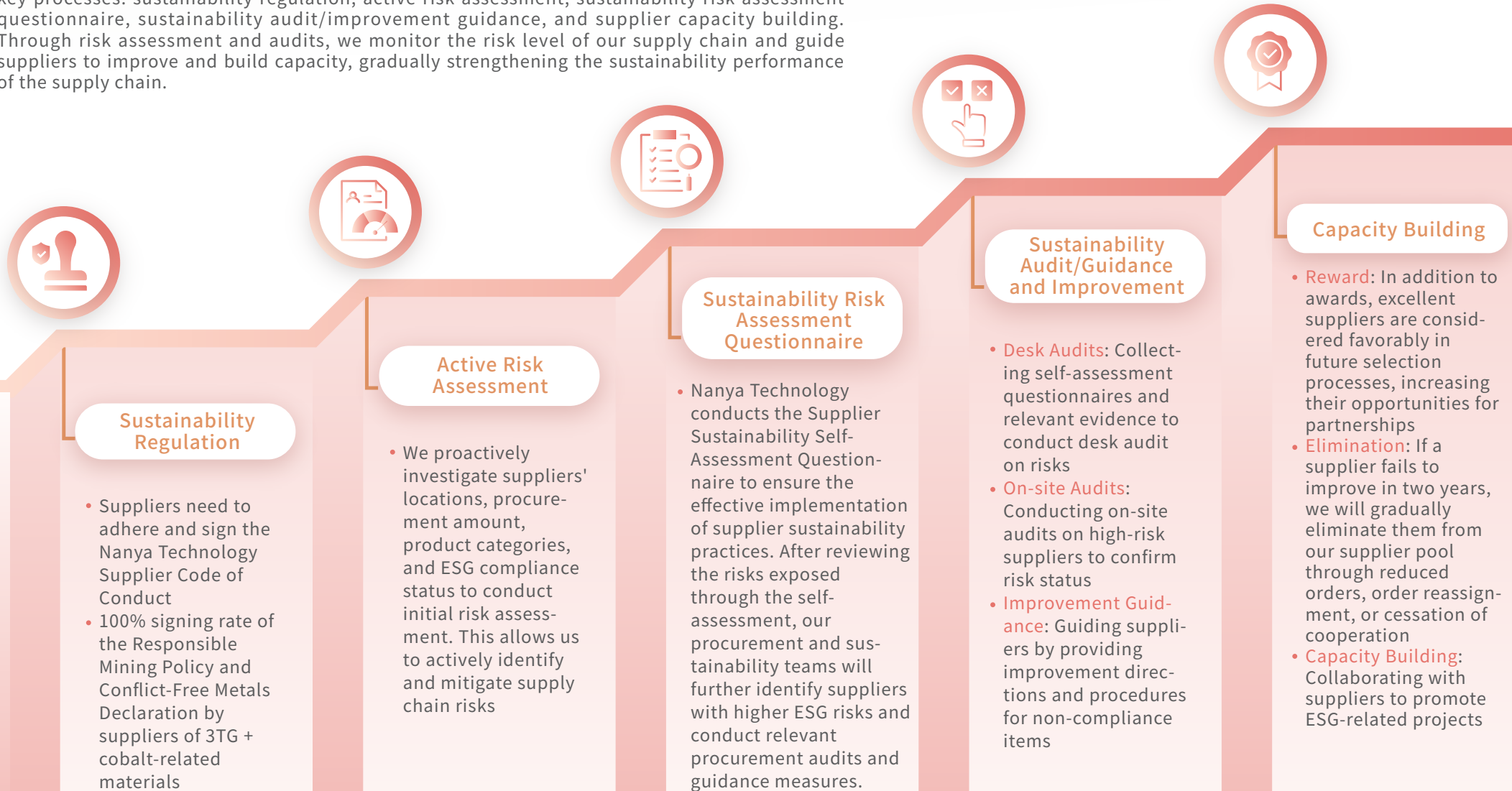
In addition, under the Sustainable Supply Chain Project for the promotion of low-carbon transformation through carbon footprint inventory, and carbon reduction initiatives, Nanya Technology collaborated with the Industrial Technology Research Institute (ITRI) and National Taiwan University of Science and Technology (NTUST) to conduct the second (6 hours, 38 participants) and third (6 hours, 36 participants) session of carbon management framework development and training on October 30, 2024 and June 6, 2025, respectively. Course content included trends in international carbon management measures and controls, carbon fees and carbon credits, as well as sharing experiences on practices related to guidance and verification of product carbon footprints. These courses helped participating enterprises gain a deeper understanding of the overall framework and implementation methods for internal carbon pricing. Training participants included personnel from Nanya Technology and supply chain partners participating in the project, with a total of 74 participants. The training enabled relevant personnel to become familiar with carbon inventory and implementation procedures and to integrate such practices into daily operations to facilitate project advancement. Total training time for each participant was 6 hours.

Supplier Training

To enhance suppliers' awareness of Nanya Technology's Sustainable Supply Chain Management Process and sustainability vision, we organized the 2025 Nanya Technology Sustainable Supply Chain Training and Sharing Seminar on October 17, 2025. Participants primarily included raw material suppliers with manufacturing facilities in Taiwan and suppliers who are our sustainability projects partners. A total of 45 suppliers and 61 participants attended the event. In addition, relevant Nanya Technology personnel involved in procurement operations and sustainability operations also participated in the training. The seminar covered our water resource management practices, supplier training on environmental standards, supply chain cybersecurity, and the goals and content of our human rights and sustainability initiatives. We hope to work with suppliers to create sustainable value and build a sustainable environment.

Sustainable Supply Chain Management Process

Nanya Technology has established a comprehensive supply chain management procedure. We ensure our suppliers meet our standards and requirements through a cycle involving five key processes: sustainability regulation, active risk assessment, sustainability risk assessment questionnaire, sustainability audit/improvement guidance, and supplier capacity building. Through risk assessment and audits, we monitor the risk level of our supply chain and guide suppliers to improve and build capacity, gradually strengthening the sustainability performance of the supply chain.



■ Sustainability Regulation

To ensure suppliers understand and gradually implement corporate sustainability, Nanya Technology has established a Supplier Code of Conduct and provides training to suppliers, requiring their signatures annually. In 2025, a total of 355 suppliers (including Tier 1 and non-Tier 1 significant suppliers) completed the signing process, resulting in a 100% signing rate and 100% coverage rate. Meanwhile, we also required all 3TG and cobalt-related suppliers involved in responsible mineral sourcing management to sign our Responsible Mining Policy and Conflict-Free Metals Declaration, and achieved a 100% signing rate.

Supplier Code of Conduct		
355 suppliers	100% signing rate	100% coverage rate

» Scope of Supplier Code of Conduct



Risk Assessment

01 / Active Risk Assessment

Nanya Technology examines and investigates the fundamental conditions of all suppliers, including potential impacts across environmental, social, and governance aspects, partnership closeness, geographical location, industry sector, and product features. We aim to identify and manage suppliers with potential risks, thereby actively controlling and mitigating overall supply chain risks.

	Environment	Failed to identify environmental protection regulations and managing hazardous substance
	Society	Failed to identify safety and health regulations and assess child labor-related risks
	Governance	Failed to identify corruption and material shortage-related risks
	Partnership Closeness	Based on procurement amount, we assess different supplier categories (such as raw materials, facilities management, and subcontractors) and the supply capacity of key raw materials (e.g., whether production capacity or human resources are sufficient)
	Region/Country	We examine and investigate supplier locations to assess whether they are affected by conflict minerals, situated in high-risk or natural disaster-prone areas, or face human rights risk issues
	Industry Sector	For suppliers of different industries, we identify industry-specific risks based on their relevant risks of concerns (e.g., supply chain disruption risks for raw material suppliers, and hazardous substance management and human rights risks (such as child labor and migrant workers) for contractors)
	Product Features	Based on material properties, we screen key materials that contain heavy metals and hazardous substances

02 / Sustainability Risk Assessment Questionnaire

To ensure the effective implementation of supplier sustainability practices, we distribute the Sustainability Risk Assessment Questionnaire to both Tier 1 suppliers and non-Tier 1 significant suppliers. We require suppliers to conduct self-assessments and provide supporting evidence, such as management system certifications. The results of these self-assessments serve as the basis for our sustainability risk management. The questionnaire considers potential impacts across the governance, social, and environmental aspects. For the governance aspect, we consider factors such as anti-corruption, ethical and legal misconduct, and disciplinary measures. For the social aspect, we consider potential risks regarding labor practices, human rights standards, business ethics, and health and safety. For the environmental aspect, we consider environmental management, greenhouse gas emissions, and other potential impacts.

We completed sustainability risk assessments for all 355 Tier 1 suppliers (including Tier 1 significant suppliers) in 2025, and achieved a 100% completion rate. We found no suppliers engaged in material risks of forced or compulsory labor. After screening, we identified the 20 lowest-scoring suppliers (the bottom 5%) and completed their document and on-site audits in December.

» Supplier Sustainability Practices Investigation

		2022	2023	2024	2025
Tier 1 suppliers	Number of suppliers surveyed	282	273	295	285
	Response Rate	100%	100%	100%	100%
Tier 1 significant suppliers	Number of suppliers surveyed	92	89	96	91
	Response Rate	100%	100%	100%	100%
Non-Tier 1 significant suppliers	Number of suppliers surveyed	80	79	75	70
	Response Rate	100%	100%	100%	100%

Note: Tier 1 suppliers include Tier 1 significant suppliers

» Supplier Sustainability Risks Investigation Results

Tier 1 significant suppliers	High risk	16
	Percentage of high risk suppliers (%)	18%
Non-Tier 1 significant suppliers	High risk	4
	Percentage of high risk suppliers (%)	6%

Note: Tier 1 suppliers include Tier 1 significant suppliers

■ Sustainability Audit

Nanya Technology implements various audits, including desk audits and different types of on-site audits (second-party, third-party, and industry standard audits), to verify suppliers' sustainability efforts and guide their improvements. During these audits, we review their current implementation of sustainability initiatives and relevant management practices. We then provide suppliers with directions for improvement and engage in discussions, requiring them to establish relevant processes for significant deficiencies. Three months after an audit, we review the improvement on deficiencies and request supporting evidence. In 2025, a total of 20 high-risk suppliers received sustainability audits, achieving 100% coverage of high-risk suppliers. These audits identified 94 non-compliant items. All high-risk non-Tier 1 significant suppliers had no non-compliant items. For deficiencies identified during audits, Nanya Technology guides and assists in their improvement, and all have been successfully corrected.

Sustainability Audit

20

high-risk suppliers received sustainability audits

100%

coverage of high-risk suppliers

94

non-compliant items

» Forms of Sustainability Audits

Year	Methods	Target	Number of Targets
Desk Audit	Through Sustainability Risk Assessment Questionnaire and collecting relevant documents	Tier 1 suppliers and significant suppliers (including Tier 1 and non-Tier 1 suppliers)	355
On-site Audit: Second Party Audit	Conducted by Nanya Technology	High-risk suppliers (Tier 1 suppliers and significant suppliers)	16
On-site Audit: Third Party Audit	Conducted by independent third parties	Raw materials suppliers	4
Industry Standards Audit	Based on RBA standard	Tier 1 suppliers and significant suppliers (including Tier 1 and non-Tier 1 suppliers)	33

» Sustainability Audit

Year	2025 Goals	2025 Performance
Number of suppliers receiving desk/ on-site audits	370	355 (including 161 significant suppliers)
Percentage of audits conducted on significant suppliers (audits conducted for all key suppliers)	100%	100%
Number of High-risk Suppliers	20	20
Deficiencies Improvement Rate	100%	100%
Number of Suppliers Eliminated	0	0

» Guidance on Deficiencies Identified during Audits

Year	2025 Goals	2025 Performance
Number of Suppliers Receiving Guidance	20	20
Percentage of significant suppliers Receiving Guidance (%)	100%	100%

Nanya Technology analyzes the results of its Sustainability Risk Assessment Questionnaires to identify high-risk suppliers. Based on supplier characteristics, we provide additional audits and guidance. For deficiencies identified during these audits, we issue the Corrective Action Request (CAR) that require suppliers to submit improvement plans. Recognizing that improving material deficiencies can sometimes be constrained by upstream industries, resource availability, and project timelines, we have aligned the improvement schedule for all suppliers. During annual audits, we review deficiencies found in the previous year and require suppliers to implement corrective measures within two years. If a supplier fails to meet this deadline, the issue is reviewed by the Material Review Board (MRB) of the Supplier Review Committee. For serious cases, we may take actions such as continued communication, order reduction, order reassignment, or termination of cooperation to effectively control and mitigate relevant risks. No supplier was eliminated in 2025.

» High-Risk Supplier Sustainability Audit Statistics

		2022	2023	2024	2025
	Number of Suppliers Au-dited	20	18	20	20
	Average Audit Score	89.97	90.45	93	85.3
	Number of Non-Compliant Items	74	57	61	94
Violation Category and Number of Violations	 Labor and Ethics	Work Rules not es-tablished or not approved: 8	Work Rules not es-tablished or not approved: 3	Work Rules not es-tablished or not a-proved: 3	Work Rules not estab-lished or not approved: 7
		Human rights poli-cies not established or violations: 15	Human rights poli-cies not established or violations: 10	Human rights poli-cies not established or violations: 13	Human rights policies not established or violations: 22
		Work hours/wages rules not established or violations: 3	Work hours/wages rules not estab-lished or violations: 3	Work hours/wages rules not established or violations: 2	Work hours/wages rules not established or violations: 5
		Grievance channels not established or violations: 12	Grievance channels not established or violations: 4	Grievance channels not established or violations: 6	Grievance channels not established or violations: 7
		Grievance channels not established or violations: 3	Grievance channels not established or violations: 2	Grievance channels not established or violations: 4	Grievance channels not established or violations: 2
		Ethical rules not es-tablished or viola-tions: 3	Ethical rules not established or vio-lations:7	Ethical rules not es-tablished or violations: 2	Ethical rules not estab-lished or violations: 3
		Supply chain man-agement deficien-cies: 4	Supply chain management defi-ciencies: 7	Insufficient fre-quency of labor and ethics training: 5	Insufficient frequency of labor and ethics training: 2
		Insufficient fre-quency of labor and ethics training: 1	Insufficient fre-quency of labor and ethics training: 5	Insufficient fre-quency of labor and ethics training: 8	
		Insufficient fre-quency of labor and ethics training: 1	Insufficient fre-quency of labor and ethics training: 2		
		50 in total	41 in total	43 in total	48 in total
	 Environmental, Safety and Hygiene	Labor safety control deficiencies: 11	Labor safety con-trol deficiencies: 4	Labor safety control deficiencies: 7	Labor safety control de-ficiencies: 22
		Health control defi-ciencies: 7	Health control de-ficiencies: 4	Health control defi-ciencies: 1	Health control deficien-cies: 7
		Fire safety control deficiencies: 1	Fire safety control deficiencies: 4	Fire safety control deficiencies: 9	Fire safety control defi-ciencies: 10
		Environmental pro-tection control defi-ciencies: 5	Environmental protection control deficiencies: 4	Environmental pro-tection control deficiencies: 1	Environmental protec-tion control deficiencies: 7
		24 in total	16 in total	18 in total	46 in total

6.3 Enhance Supply Chain Sustainability

To address evolving sustainability trends and updates, Nanya Technology enhances suppliers' sustainability as well as their awareness and capacity in sustainable development through seminars and project-based guidance.

Sustainable Supply Chain Seminar

As the era of carbon pricing approaches, Nanya Technology continues to advance low-carbon transformation across its supply chain while actively investing in the in-house development of 10nm-class advanced process technologies. Through industry-academic technological collaboration, cross-sector capability sharing, and the implementation of digital tools, we empower our suppliers and jointly strengthen the momentum for low-carbon transformation, hoping to build a resilient, competitive, and sustainable industry chain. Therefore, in 2023, Nanya Technology collaborated with 10 suppliers to join the DRAM Supply Chain Low-Carbon Transformation Program led by the Industrial Development Administration, Ministry of Economic Affairs. This two-year program allowed Nanya Technology to join forces with its supply chain partners as well as the Industrial Technology Research Institute and National Taiwan University of Science and Technology. Completed in December 2025, the program delivered 26 projects and achieved a carbon reduction of 8,536 metric tons—surpassing the original estimation of 6,300 metric tons and reaching a 135% achievement rate.

On December 30, Nanya Technology hosted the Sustainable Supply Chain Seminar—DRAM Supply Chain Low-Carbon Transformation Program Achievement Presentation. The seminar convened 10 supplier partners that participated in the program—including Formosa Sumco Technology Corporation, Formosa Advanced Technologies, KANTO-PPC, MFC Sealing Technology, Jao Jai Enterprise, RSTEC Semiconductor, Tian-Cheng Science and Technology Corporation, Linde Taiwan Technologies Limited, Shih Her Technologies, and Echo Chemical—alongside the Industrial Development Administration of the Ministry of Economic Affairs, the Industrial Technology Research Institute, and National Taiwan University of Science and Technology to share program achievements and exchange insights. A total of 20 supplier partners and 76 participants attended.

Initiated in November 2023, this program was conducted in partnership with National Taiwan University of Science and Technology and the Industrial Technology Research Institute. Built on three core pillars—**capacity building, digital tools, and the implementation of low-carbon technologies**—the program supported 10 significant suppliers in comprehensively strengthening their carbon management capabilities. Key achievements include:

Product Carbon Footprint Inventory and Digital Verification	Cloud-Based Carbon Management and Digital Verification Platform	Carbon Emission Hotspot Analysis and Low-Carbon Technology Enhancements
Nanya Technology has assisted suppliers in quantifying the carbon footprints of 15 critical products and implementing standardized verification processes, improving carbon data transparency and effectiveness, while establishing localized carbon emission factor data. This effort was subsequently presented by National Taiwan University of Science and Technology at the Going Green EcoDesign 2025 seminar, featuring Nanya Technology's DRAM supply chain low-carbon transformation as a case study.	Nanya Technology has implemented a cloud-based digital carbon management platform that enables 10 significant suppliers to manage emission sources, monitor carbon reduction performance, minimize manual calculation errors, and reduce verification-related administrative costs more efficiently.	Nanya Technology has leveraged several innovative methodologies, including carbon emission hotspot analysis and emissions forecasting, to continuously strengthen energy efficiency and emission reduction initiatives. Improvements include energy optimization of VOCs treatment equipment through the zeolite rotor, delivering annual natural gas savings of 129,000 m³ and reducing carbon emissions by approximately 243 metric tons; heat recovery from AC reheat coils, generating annual electricity savings of 675,000 kilowatt-hours and cutting emissions by approximately 333.4 metric tons; and the deployment of variable-frequency drives for MAU01a air handling units, reducing electricity consumption for clean room automatic static pressure control by 85% . Further measures enhanced the energy efficiency of air compressors, lowering electricity consumption in regenerated wafer processes by 37% , while waste heat recovery and compression with moisture removal enabled reuse in production equipment, achieving a 75% reduction in electricity consumption.

Group photo of teams that participated in the 2023–2025 DRAM Supply Chain Low-Carbon Transformation Program



Group photo of participants at the 2025 Sustainable Supply Chain Seminar



Every year, we evaluate raw materials, components, and equipment suppliers across six dimensions: quality, technology, delivery, service, cost, and sustainability (which includes aspects such as energy management, energy saving and carbon reduction, and human rights ethics). Excellent suppliers receive occasional awards as recognition. Their annual evaluation results are also considered for future supplier selection, and are crucial for increasing their partnership opportunities, such as supplying additional items.

Supply Chain Sustainability Projects

By focusing on labor rights and employment equity, we strengthen human rights protections for all workers within our organization and across our supply chain. Through a comprehensive approach, we help suppliers build their own human rights protection mechanisms, which then gradually extend throughout the entire supply chain.

 Three Zeros Human Rights Initiative Advancement Project	Capacity Building Goals We promote the "Three Zeros Human Rights Initiative" among our significant suppliers, aiming for zero violations in terms of humane treatment, forced labor, and discrimination.	Number of Suppliers • 2022: 15 • 2023: 8 • 2024: 8 • 2025: 4 Project Period 2022-2030	Estimated Benefit We strive to strengthen human rights protection, mitigate human exploitation, establish a supportive workplace environment, and eliminate sweatshops	Quantitative Evaluation of Benefit 2022-2023 Initiatives and Advancement (1) For suppliers joining our "Three Zeros Human Rights Initiative," we will continue to communicate and provide guidance in alignment with audit schedules. We will also investigate their current internal systems to determine if they will be included as key suppliers. (2) For suppliers not yet joining our "Three Zeros Human Rights Initiative," we will continue to promote the initiative and communicate with them monthly. 2024-2025 Mitigation and Remedial Measures (1) For suppliers joining our "Three Zeros Human Rights Initiative," we will continue to communicate, guide, and track their progress in alignment with audit schedules. (2) We will track the establishment of human rights systems for audited suppliers (approximately three suppliers) and guide them in drafting their human rights code of conduct every month. (3) We will continue to encourage other suppliers to join our "Three Zeros Human Rights Initiative." 2026-2028 Termination and Prevention: Track the status of suppliers' human rights system establishment, and guide them in drafting human rights risk assessment standards and promoting risk identification and compensation measures. 2029-2030 Tracking and Disclosure: Compile human rights due diligence report and disclose it regularly.
 Product Carbon Footprint Inventory	Capacity Building Goals Promoting carbon footprint inventory among raw material suppliers and packaging/testing contractors	Number of Suppliers • A total of 10 from 2023 to 2025 Project Period • Conducted baseline establishment from 2023 to 2024 • From 2024 to 2025, a total of 15 product carbon footprint inventories and ISO 14067 verification were completed across 10 supply chain partners.	Estimated Benefit - Aligning with global climate change initiatives - Reducing the Company's product carbon footprint - Achieving SBT certification and reaching targets by 2030	Quantitative Evaluation of Benefit Inventory: Since 2017, Nanya Technology has annually conducted product environmental footprint assessments to identify suppliers contributing to the increase of our product carbon footprint, including prominent companies supplying wafers, packaging and testing, and key suppliers of chemicals and specialty gases. Goal Setting: We prioritize our top 30 raw material suppliers and contractors by carbon emissions to promote our "Carbon Reduction Plan and Long-Term Net Zero Emissions Target" Communication: We engage in promotion and communication with our top 30 carbon-emitting raw materials suppliers and packaging and testing contractors. We encourage their participation in the low-carbon and carbon footprint inventory and reduction projects of the Ministry of Economic Affairs' Industrial Development Administration, which are guided by the Industrial Technology Research Institute. Nanya Technology and 10 supply chain partners aim to jointly achieve a 6,300 metric ton reduction in carbon emissions over two years (November 2023 to October 2025). Progress Tracking/Feedback: - Over a two-year cycle, the Industrial Technology Research Institute and National Taiwan University of Science and Technology guide suppliers in product carbon footprint inventory and low-carbonization energy-saving projects. - In 2023, we first conducted a supply chain baseline survey and then commissioned the Industrial Technology Research Institute and National Taiwan University of Science and Technology to host workshops on greenhouse gas and carbon footprint inventory, which enhanced our knowledge in carbon footprint management and data verification. - In 2024, Nanya Technology conducted carbon inventory for six supply chain products, and installed the Industrial Technology Research Institute's smart electricity meters to identify high-power consumption hotspots in factories. We are also advancing carbon reduction projects with supply chain partners. - In 2025, the Company completed the third session (6 hours, 36 participants) of carbon management framework development and training, carbon inventory for four supply chain products, guided 10 supply chain products to obtain the ISO 14067 Product Carbon Footprint Verification Certificate, and showcased the results of carbon reduction projects.



Supplier Capacity Building

2025 Goals

Numbers of Suppliers Participating in Capacity Building is **37**



2025 Performance

The number of capacity building companies is **40** (including 31 suppliers of significant)

2025 Goals

Percentage of significant suppliers **100%**



2025 Performance

Percentage of significant suppliers **100%**

6.4 Responsible Mineral Sourcing Management

Nanya Technology is committed to conflict-free mineral management and responsible mineral sourcing strategies, and carries out responsible mineral sourcing management for tantalum, gold, tin, tungsten, and cobalt to meet current and future market, legal and regulatory expectations, and have established a Responsible Minerals Sourcing Policy. Subcontractors and raw materials suppliers whose products use or contain gold, tantalum, tin, tungsten (3TG), cobalt, or mica must comply with the Nanya Technology's Responsible Mineral Sourcing Policy and cooperate with periodic supply chain investigations.

Nanya Technology conducts supply chain investigations on responsible mineral sourcing at least once annually. The Conflict Minerals Reporting Template (CMRT) is used as an investigation tool for smelters or suppliers of gold, tantalum, tin, and tungsten (3TG), while the Extended Minerals Reporting Template (EMRT) is used for smelters or suppliers of cobalt and mica. These tools help collect information on smelters and mineral sources for tantalum, gold, tin, tungsten (3TG), cobalt, and mica to help ensure that the supply chain is not involved in the illegal funding of warlords or armed groups or in activities that violate fundamental human rights. All relevant suppliers are required to sign a Dutiful Mining Policy and Conflict-Free Minerals Commitment, establish responsible mineral sourcing management goals and policies, and formulate risk management indicators in compliance with OECD due diligence requirements. This ensures that all smelters reported by the supply chain conform to the Responsible Business Alliance Code of Conduct's and Responsible Minerals Initiative requirements for responsible minerals sourcing.

Since 2022, Nanya Technology has added the statement "Comply with RMI Policy and Conflict Mineral-Free" to its product labels, declaring that the company's products meet the mandate of the Responsible Minerals Initiative (RMI) and are free from conflict minerals, we are keep tracking the smelters and its minerals sourcing and disclosure the relevant of the minerals, mines, smelters to stakeholders.

To address potential risk exposures that may arise from future supplier changes or unforeseen events, the Company has put in place the following alternative and contingency measures:

Material Substitution Strategy	For critical metals, the Company continues to develop and validate environmentally friendly alloys, recycled metals, or other non-3TG alternative materials that ensure product performance and meet customer requirements.
High-Risk Supplier Replacement Mechanism	If a supplier is found to be involved in conflict minerals, the Company will immediately initiate the alternative supplier evaluation process.
Supplier Education and Collaboration Enhancement	Regular training sessions are conducted on Responsible Mineral Sourcing Management to strengthen supplier awareness and improve their risk management capabilities.
Disclosure and Communication Mechanism	Should a risk event occur, the Company will disclose the resolution in our Sustainability Report, based on the facts, to ensure transparency.



Comply RMI Policy and Conflict Mineral-Free

We will continue to strengthen our responsible mineral sourcing management as an integral part of our sustainable supply chain, and uphold the highest standards of corporate responsibility.

If any stakeholder, such roles as suppliers, customers, or the general public, has any concerns about responsible mining and needs to report any known violations, they can report via the dedicated email address: audit@ntc.com.tw

Preparing for Investigation

Nanya Technology's supply chain has a multi-tiered relationship with raw mineral sources. Therefore, before conducting investigations, we first examine the raw materials in our supply chain to identify the applicable categories of gold, tantalum, tin, tungsten, cobalt, and mica in our products. This allows us to screen for suppliers that require conflict mineral investigations. We conduct interconnected investigations across supplier tiers using and cross-referencing the standard investigation tools defined by the Responsible Minerals Initiative (RMI) to obtain the most up-to-date list.

The gold, tantalum, tin, tungsten, cobalt, and mica metal minerals currently applied in our product supply chain are as follows:

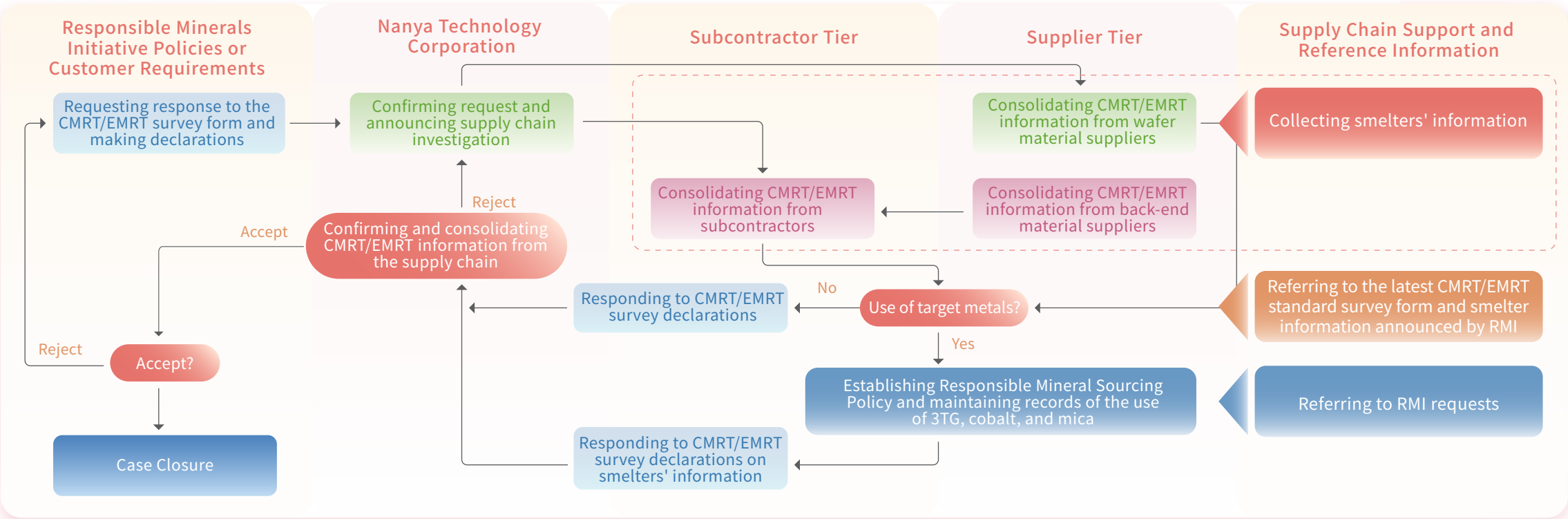
Metal Name	Applicable Products	Applicable Categories
Gold	RDL, IC, DIMM	Gold plating, gold wire
Tantalum	Wafer, DIMM	Wafer processing target, passive compo-nent alloy material
Tin	IC, DIMM	solder paste, solder ball, solder wire
Tungsten	Wafer, DIMM	Wafer processing target, passive compo-nent alloy material
Cobalt	Wafer, DIMM	Wafer processing target, passive compo-nent alloy material
Mica	IC Packing	Tray Hardener Additive

In addition, in response to the impact of international supply and demand strategies and customers' requests for responsible mineral sourcing traceability investigations covering other metals of concern, probes into copper, nickel, natural graphite, and lithium were conducted in 2025.

The current applications of copper, nickel, natural graphite, and lithium within the Company's product supply chain are as follows:

Mineral Name	Applicable Products	Applicable Categories
Copper	Wafer, IC, DIMM	Wafer Target, Copper Foil, Copper Plating, Copper Wire
Nickel	RDL, IC, DIMM	Nickel plating
Natural Graphite	Not in use	Not applicable
Lithium	Not in use	Not applicable

» Responsible Mining Investigation Procedure



Aggregated Survey Data for Targeted Metals

As a DRAM supplier, Nanya Technology conducted due diligence on its supply chain. After comparing its findings with the Responsible Minerals Initiative (RMI) qualified smelter list, 250 smelters or suppliers were identified in the 2025 supply chain investigation.

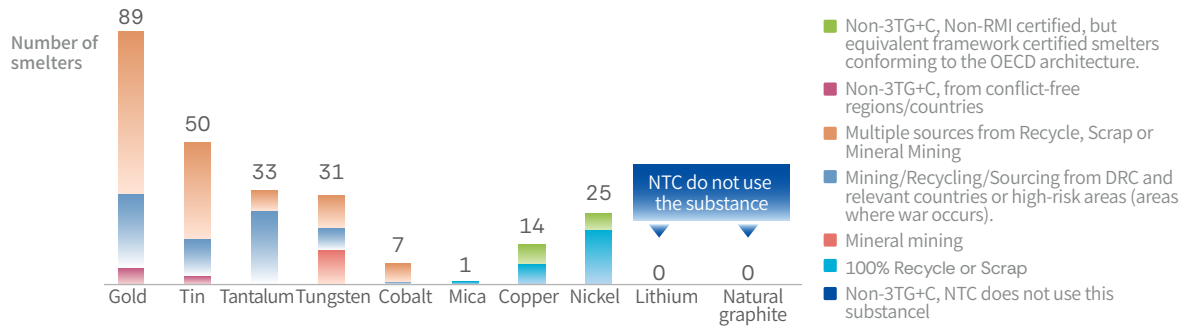
Among them, 211 smelters or suppliers reported information concerning the gold, tantalum, tin, tungsten, cobalt, and mica currently used in our company's product supply chain.

Additionally, for metals like copper and nickel used in our products, 39 smelters or suppliers have also reported information.

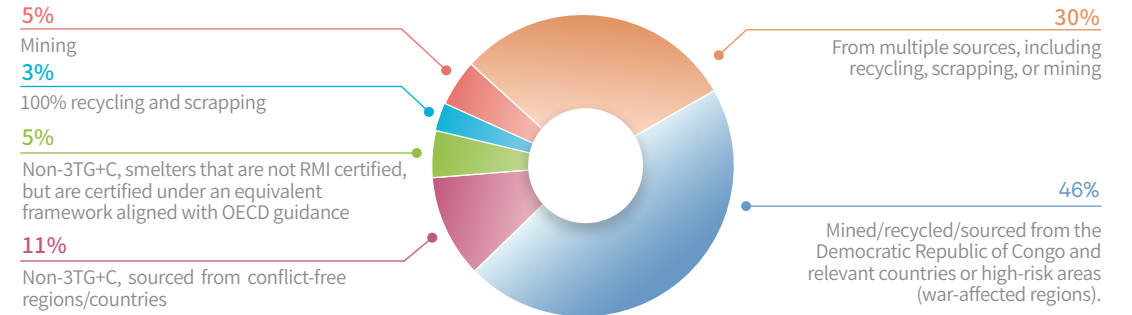
Currently, all 211 3TG+C-related smelters are recognized by the Responsible Minerals Initiative (RMI). Furthermore, these 211 smelters are 100% compliant with conflict-free metals and Responsible Minerals Assurance Process (RMAP) requirements, or possess RMI Responsible Minerals certification or equivalent OECD framework certification, making a substantial contribution to the environment and the industry supply chain.

Approximately 46% (115) of these smelters reported that their mineral sources might originate from the Democratic Republic of Congo or adjoining countries, or from recycled/scrap metals. According to supply chain reports, these 115 smelters have all confirmed that their mineral sources comply with the Responsible Minerals Assurance Process (RMAP) policy requirements and have been approved as legitimate smelters by the Responsible Minerals Initiative (RMI).

Responsible Mineral and Metal Mining



Responsible Mineral and Metal Mining Proportion



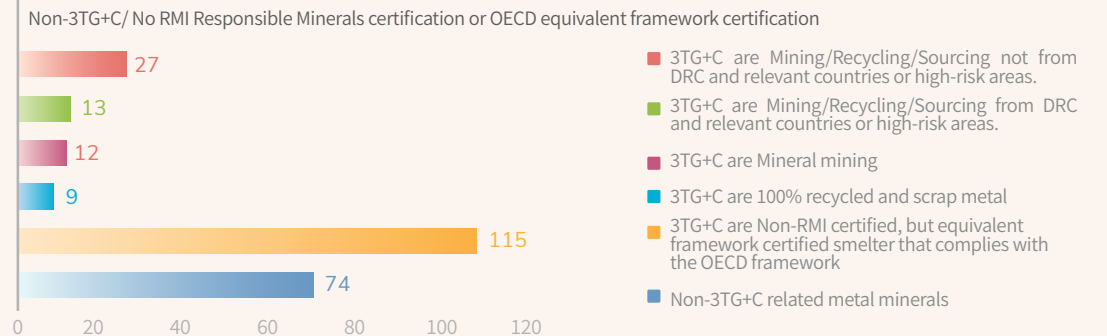
Disclosure and Certification Status of Responsible Metal Sourcing of Smelters



Nanya Technology will continue to conduct due diligence based on the Responsible Minerals Assurance Process (RMAP) policy to lower risks across our supply chain.

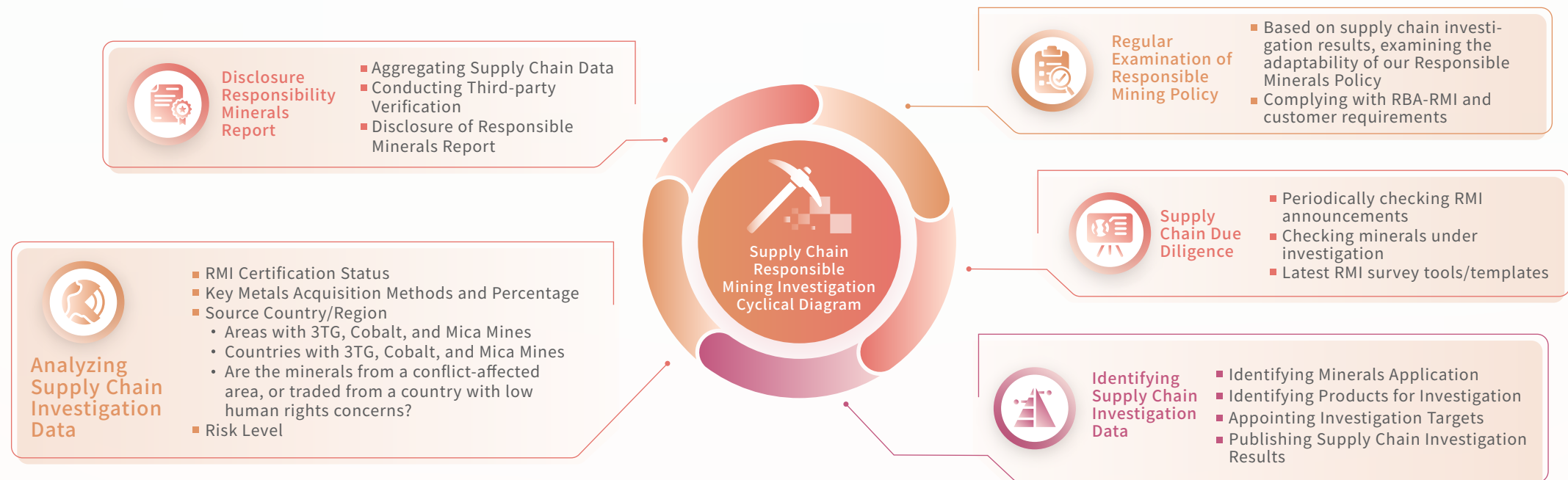
Nanya Technology aims to meet the following standards through our responsible mineral guarantee investigation process:

- Identifying which products and materials that make up the products contain 3TG+C
- Collecting information using the standard survey tool provided by the Responsible Minerals Initiative
- Supply chain data collection and traceability to encourage the supply chain to use qualified smelters that meet RMAP requirements
- Responsible mineral sourcing process management with risk classification and risk mitigation measures
- Communicating management policies to upstream and downstream stakeholders and disclosing them publicly



» Supply Chain Responsible Mining Investigation Cyclical Diagram

Nanya Technology has upheld the spirit of continuous improvement based on results of its supply chain investigations, RBA-RMI management guidelines, and the latest customer requirements. The Company continues to communicate with partners across the supply chain, identifies supply chain investigation criteria, analyzes findings, and adjusts its conflict-free mineral management indicators and Responsible Mining Policy as needed, demonstrating the outcomes of its virtuous-cycle management approach.



Prospects

As smelter data collection in response to the Responsible Minerals Initiative (RMI) becomes a norm, various natural resources are gradually depleting, many of which are under the management and control of a few countries or governments due to geographic factors. The extraction of these resources often entails significant energy consumption, water pollution, land degradation, and even human rights violations. Therefore, companies should fulfill their social responsibilities by focusing on environmental protection, labor rights, and fundamental human rights. They should uphold the principles of lawful procurement and extend these management indicators to their suppliers.

Nanya Technology has addressed customer and societal demands by conducting surveys on materials such as rare-earth elements, semi-metals, and volatile organic compounds. Nanya Technology actively incorporates alternative vendors into its qualified supply chain, ensuring that all suppliers actively participate in surveys and progressively align with corporate indicators. This approach not only meets legal requirements but also fulfills customer expectations and supports sustainability.