Corporate Sustainability Vision

1. Sustainability Vision and Business Strategy GRI 2-16、GRI 2-22、GRI 2-23、GRI 2-24

The sustainability vision of USI Group is "Creating Sustainable Value Together, Gathering for a Sustainable Society." We hope to continuously create and consolidate sustainable value with our core competencies, thereby contributing to societal sustainability.

From the sustainability vision, we developed three core strategies: "R&D and Innovation," "Steady Operation," and "Social Inclusion," looking forward to co-creating value with stakeholders.

We extended the content of the core strategies to develop 7 key topics, collectively built upon the foundation of integral and reasonable partners.

As a member of USI Group, TTC will follow the Group's vision to set four major sustainability principles: "Establish Robust Governance," "Building an Innovative Supply Chain," "Creating Friendly Environments," and "Shaping an Inclusive Society," while connecting key topics and annually reviewing the consistency between material topic analysis results and the sustainability principles, as well as examining and discussing the achievement status of annual performance.TTC's sustainability strategy and its economic, environmental, and social promotion plans are as follows:

Sustainability Strategy and Short/Medium-to-Long Term Plans

Aspect	Short-Term Plan (2025)		Medium-to-Long Term Plan (2027-2030)
	Action Plan	Target	
Governance	• Conduct production and sales budgeting • Continue planning for new capacity. • Continue debottlenecking planning. • Enhance market competitiveness and continuous profitability through AI tool solutions. • Improvement of basic performance for general-grade ABS products. • Development of ESG low-carbon ABS materials. • Improvement of particle size concentration for EPS products. • Development of high-value water material applications for GPPS materials.	• 90% full production and sales for ABS/SAN, 100% full production and sales for GPS, 100% full production and sales for EPS, 90% full production and sales for Zhongshan EPS, 100% full production and sales for GW. • Continuously maintain positive profitability every year. • Gloss level improved to 99 GD. • Collaborate with the Innovative Application Department to commercialize. • S-material concentration > 78%. • Collaborate with the Commercial Product Development Center.	• By understanding customer demand for products, integrate the Group's functional technologies and combine products to develop products that meet customer needs. • Retain strong sales and eliminate weak ones, adjust sales strategies, and strengthen the sales of advantageous products. • R&D personnel collaborate with business units to conduct market development and expand product application fields. • Development of EPS formulas substituting raw materials limited by REACH regulations. • Development and promotion of TAIECOR™ environmentally friendly materials. • Introduce AI tools to optimize processes and product development to meet the 5-Zero goals of environmental safety (Zero Pollution, Zero Emissions, Zero Occupational Injuries, Zero Incidents, Zero Breakdowns).
Environment	• Environmental protection regulations are becoming increasingly strict; safety and environmental protection work must never relax. Each plant manager serves as the person in charge of the plant area. • The Company and its consolidated subsidiaries introduce ISO 14064-1 greenhouse gas inventory. • Reduce the impact of energy consumption on the environment. • Set energy saving and carbon reduction targets. • Reduce the impact of air pollution emissions on the environment and residents' health. • Reduce the hazards of waste to the environment and human body.	• Safety and environmental protection are managed at hierarchical levels. • The Company and its consolidated subsidiaries complete external assurance for greenhouse gas inventory and obtain certification before Q3 of the year. • Reduce energy consumption per unit of product by 3%. • Electricity saving rate 1.5%, target annual carbon reduction achievement rate 100%. • Zero fines for exceeding air pollutant emissions. • 100% proper waste disposal rate.	• Energy consumption per unit of product decreased by 6% compared to the 2017 baseline year. • Zero fines for exceeding air pollutant emissions. • 100% proper waste disposal rate. • Greenhouse gas carbon emissions decreased by 27% compared to the baseline year.
Society	• Counseling and training on PSM (Process Safety Management). • Create a happy workplace, providing employees with a safe and pleasant working environment. • Provide employees with complete education and training. • Reduce occupational hazards. • Compensation and gender equality. • Social welfare sponsorship.	• Complete the establishment of the PSM management system at Linyuan Plant and Qianzhen Plant. • • Reduce the turnover rate to below 7.5%. • The per capita training target is 18.5 hours. • • Zero industrial safety disasters, with 0 disabling injuries. • No violations of labor laws and human rights.	• Linyuan Plant and Qianzhen Plant continue to promote the Process Safety Management (PSM) system. • Reduce the turnover rate to below 7%. • Strengthen industrial safety inspections, aiming for zero industrial safety disasters. • Care for disadvantaged groups and fulfill social responsibilities.

2. Business Philosophy and Strategic Goals

In promoting sustainable operations, the company takes "Creating Sustainable Value Together, Gathering for a Sustainable Society" as its core philosophy, actively driving ESG strategies to respond to environmental and social challenges. We have obtained the SGS Green Mark - ISO 14021 PIR (Pre-Consumer material) validation, demonstrating our determination to commit to source reduction of industrial waste, working hand-in-hand from the supply chain to the consumer chain to walk alongside sustainability.

The company's business strategic goals: Actively expand new overseas markets, enhance the breadth of sales regions, and reduce dependence on a single market to fully leverage full production and sales.

Short-Term Goals	Medium-to-Long Term Goals
• Continue to develop advantageous markets, adjust sales strategies, and strengthen the sales of advantageous products. • Implement the management of raw materials/finished products and the supply chain. • Improve operational efficiency. • Enhance customer service quality. • Strengthen current market positions through AI solutions, developing ESG low-carbon and high-value products, and continuously saving energy and reducing carbon.	• Deeply penetrate the market to gather information, provide technical services to customers, conduct market development, and expand the application fields of products. • Grasp the current status of global bulk raw materials to optimize integrated supply chain management and profit opportunities in product sales. • Define target markets and target customers, leverage TTC's existing market advantages to enhance overall operational efficiency and profitability. • Develop new and niche products that are friendly to the environment and customers, satisfying market and customer needs, while improving technology R&D capabilities and corporate profitability. • Optimize processes and introduce AI smart manufacturing to improve efficiency and reduce costs.

Our Value Chain GRI 2-6

1. Main Products and Value Chain

TTC's main products include ABS resin, AS resin, GPS, EPS, High Impact Polystyrene (HIPS), and glass wool.For details, please refer to the product introduction on the company website.

Upstream	Midstream	Downstream
Raw Material Suppliers	TTC (Polymerization and Compounding Granulation Processes)	Processing Plants / Customers
Butadiene, Acrylonitrile, Styrene	Linyuan Plant TAITALAC ABS Resin	ABS: Applications such as battery casings, helmets, pipes, sanitary ware, and flame-retardant needs.
	Linyuan Plant TAITALAC SAN Resin	AS: Sanitary ware, packaging materials, fruit/vegetable boxes, building materials, etc.
Styrene	Qianzhen Plant TAITAREX® GPPS Resin	GPS: Home appliances, 3C accessories, light guide plates, food containers, packaging boxes, etc.
	Qianzhen/Zhongshan Plant TAITACELL EPS Expandable Resin	EPS: Packaging materials, food containers, building materials, etc.
	Qianzhen Plant TAITAREX HIPS Resin	IPS: Computer peripheral products, home appliance products, extruded board products, spools, floats, etc.
Window glass, Mineral sand, Metal oxides	Toufen Plant Glass wool / High-temperature melting / Spinning molding process	Glass wool, rolls, boards, sheets, ceilings, insulation pipes, and wrapped glass wool, etc.

» Industry Scale

ABS Products:
Production of 100,000 tons/year. SAN products: Production of 20,000 tons/year. Expanding export markets in Southeast Asia/Central and South America.

GPS Products
Production of 100,000 tons/year. Mainly exported to South Africa/Egypt/Southeast Asia markets.

EPS Products (including Mainland China region):
Production of 240,000 tons/year. Applied in the packaging material market and anti-static packaging market. Mainly exported to Central and South America/ Southeast Asia/Canada/Australia markets.

2. Company History and Operating Locations GRI 2-1

Basic Information of TTC

Company Name	Taita Chemical Company, Limited (TTC)	Capital	NT$3.976 billion
Industry Sector	Plastics Industry / Glass Wool	Operating Revenue	NT$14.5 billion
Headquarters Location	12F., No. 37, Jihu Rd., Neihu Dist., Taipei City	Number of Employees	471 people

* Note: The above data is collected as of December 31, 2025.

2022 April	Due to market factors, the Toufen Plant suspended operations and stopped production of curved printing.
2021	Established Taita Chemical (Zhangzhou) Co., Ltd.
2019 April	Due to the expected shrinking of the northern market and inability to sustain profitability, the Tianjin Plant in China temporarily suspended production, and personnel were laid off in accordance with the law.
2014 Q1	In the first quarter of 2014, the Linyuan Plant completed the ABS debottlenecking project, increasing its annual capacity to 100,000 tons.
2012	The Tianjin Plant completed the EPS debottlenecking project, increasing its annual capacity to 134,000 tons.
2008 Q3	The Qianzhen Plant and Zhongshan Plant completed production line debottlenecking, expanding their annual capacities to 66,000 tons and 180,000 tons, respectively.
2005 September	The Tianjin Plant in China was completed, inaugurating two EPS production lines with an annual capacity of 100,000 tons.
2004 October	The Zhongshan Plant in China completed the third EPS production line, expanding the annual capacity to 150,000 tons.
2003 November	Established Taita Chemical (Tianjin) Co., Ltd.
2001 May	The new GPS/IPS NOVA process at the Qianzhen Plant, with an annual capacity of 100,000 tons, was successfully put into production.
2000 May	The Zhongshan Plant in China completed its first EPS production line and successfully put 50,000 tons into production. In October of the same year, the second production line was completed, expanding the annual capacity to 100,000 tons.
1999 March	Established Taita Chemical (Zhongshan) Co., Ltd.
1997 March	The British company BTR fully transferred its 51% equity in the Company to an overseas holding company jointly and indirectly invested by USI Corporation and UPC Corporation
1991 March	Established a glass wool plant in Toufen.
1987 June	Established a curved printing plant in Toufen.
1983 December	Stopped the production of formalin and phenolic adhesive.
1979 August	Constructed an ABS resin plant in the Linyuan Industrial Park, Kaohsiung.
1967 March	Added production equipment for polystyrene and phenolic resin, both of which were pioneering efforts in Taiwan.
1960 April	The Company was established and set up a plant in Qianzhen, Kaohsiung, becoming the first plant in Taiwan to produce formalin chemical raw materials.

3. Participation in External Organizations GRI 2-28

Exchange is one of the active actions to promote professional growth. The Company participates in various professional groups, combines external forces to strengthen its influence, and promotes technology and capabilities in various fields through interactive sharing among public associations. We fund public associations to compile publications and organize activities, jointly committing to enhancing industrial development.

Key External Organizations Participated by TTC in 2025

Name of the Association Participated	Member	Committee	Supervisor/ Director
Petrochemical Industry Association of Taiwan	●	●	●
Taiwan Synthetic Resins Manufacturers Association	●		●
Taiwan Plastics Industry Association	●		
Taiwan Responsible Care Association (TRCA)	●	●	
Taiwan Fire Safety & Material Association	●		

Stakeholder Engagement GRI 2-29

1. Stakeholder Communication and Participation

During business operations, stakeholders may be those affected by the Company's operations, those who proactively influence the Company's operations, or those the Company has a responsibility and obligation to respond to. Actively and broadly communicating with stakeholders to fully understand their concerned topics and thoughts, and providing timely responses, will assist us in continuous improvement and growth.Earning the trust and support of stakeholders is the driving force for TTC to move towards sustainable development.

2. Categories of Stakeholders

- **Employees**
  Current employees and contract employees.
- **Investors**
  General shareholders and institutional shareholders.
- **Customers**
  Existing customers and potential customers.
- **Suppliers/Contractors**
  Existing suppliers, existing contractors, potential suppliers, and potential contractors.
- **Community Residents**
  Community neighborhoods, local groups, and local schools.
- **Government Agencies**
  Local government competent authorities.
- **Non-Profit Organizations**
  Industry associations, local public representatives, environmental groups, labor rights groups, and others.
- **Peers**
  The industry.
- **Media**
  Newspapers, radio stations, and magazines, etc.
- **Partners**
  Corporate collaborating personnel.
- **Academic Institutions**
  Academic community groups.

Every two years, an assessment form is used to survey the leaders of each working promotion group under the Sustainability Development Committee, plant supervisors, and supervisors of the Group's common service departments. Regarding the stakeholders they contact or influence in their business, such as the 11 groups and organizations mentioned above, the identification and assessment of core stakeholders are conducted based on the responsibility, influence, dependency, tension, and diverse perspectives defined in the AA1000SES (2015) (Stakeholder Engagement Standards, SES).

3. Core Stakeholder Identification and Assessment

In December 2024, after collecting 72 assessment questionnaires, the ESG Committee's Project Secretary and three team leaders held a discussion. Based on the identification scores, six categories were determined as core stakeholders: (1) Customers, (2) Employees, (3) Suppliers/Contractors, (4) Investors, (5) Government Agencies, and (6) Local Communities. These are listed as the basis for prioritizing communication between TTC and its stakeholders.

4. Stakeholder Communication Channels

Core Stakeholders	Contact Window	Phone
Employees	Administration Section Ms. Gong	07-7040988 ext. 1308
Customers	Sales Department Ms. Wu	07-7040988 ext. 6214
Investors	Spokesperson Director Huang	07-7040988 ext. 3278

Core Stakeholders	Contact Window	Phone
Government Agencies	Safety Office Mr. Yeh	07-7040988 ext. 1328
Suppliers/ Contractors	Procurement Division Mr. Li	07-7040988 ext. 3786
Local Communities	Manager's Office Mr. Li	07-7040988 ext. 1322

5. Core Stakeholders' Topics of Concern, Communication Channels, and Actual Implementation Status

TTC understands the topics of concern to stakeholders through various communication channels, which serve as an important reference for the content presentation of the report and the future development of corporate social responsibility. Meanwhile, we also respond to core stakeholders through the report to promote continuous internal and external communication and achieve mutual progress and growth.

The communication status with various core stakeholders is reported annually at the Sustainable Development Committee meetings and simultaneously reported to the Board of Directors.

2025 Stakeholder Identities, Issues of Concern, Communication Channels, and Methods of Response

Stakeholder	Importance	Topics of Concern	Communication Channels & Frequency	2025 Engagement Results
Employees	Employees are the most important assets of the enterprise and one of the key factors for successful operations. TTC adopts the employment principle of meritocracy and putting the right people in the right places, allowing employees to work with peace of mind, fully demonstrate their expertise, and maximize their potential to achieve the company's sustainable operations goals.	• Occupational Health and Safety • Employee Benefits • Labor-Management Relations • Regulatory Compliance • Economic Performance • Talent Attraction and Retention	• EHS Management Committee (Every 2 months) • Occupational Health and Safety Committee (Quarterly) • PSM Meeting (Monthly) • Union Board of Directors and Supervisors/Welfare Committee (Quarterly) • Union Member Representative Assembly (Annually) • Labor Retirement Reserve Committee (Semi-annually) • Health Checkups and Post-Checkup Briefings (Annually) • Education and Training (Scheduled Plans) • Employee Communication Meetings (Quarterly) • Gender Equality Grievance Mailbox / Employee Grievance Mailbox / Proposal System (Anytime)	• Salary adjustments based on the price index and personal performance (The average salary adjustment for employees in 2025 was approximately 3%) • Training related to human rights protection and ethical corporate management, totaling 1,417 hours • Total employee training hours reached 14,825 hours, averaging 31.5 hours per person • 0 disabling injury cases, no major occupational accidents occurred • Occupational nurses and doctors provided health education to individuals requiring follow-up based on health checkup results, totaling 105 visits • Convened various OHS and environmental meetings with relevant department heads in attendance, reviewing and communicating EHS matters through these meetings • The General Manager held an all-employee communication meeting 1 time • Contact Units: Administration Section / HR Department / Industrial Safety Office

Stakeholder	Importance	Topics of Concern	Communication Channels & Frequency	2025 Engagement Results
Customers	Customers are important partners in the operation and development of TTC. We provide satisfactory products to customers through order fulfillment and product improvement.Customer quality requirements also drive the company's technology R&D and quality management.	• Product Quality • Technology R&D • Economic Performance	• Regulatory Provisions / QA Meeting Review (Monthly) • Technical Services / Customer Factory Visits / Visiting Customers (Irregular) • Customer Satisfaction Survey (Annually) • Execute joint development of customized products (Irregular) • Company Website: Continuously update domestic and international product certification information	• Contacted, visited, and communicated with customers through various methods, and convened QA meetings for review • Continued processing of ISO 14021 PIR certification for TAIECOR products • Average customer satisfaction survey score for Linyuan/Qianzhen Plant was 93% • Toufen Plant customer satisfaction survey score was 97% • Zhongshan Plant customer satisfaction survey score was 91% • Contact Units: General Manager's Office / Sales Department / R&D Department
Suppliers/ Contractors	Excellent suppliers can provide high-quality and stable raw materials, while engineering contractors can provide professional construction or supplement the factory's construction manpower shortage.TTC hopes to assist and work together with vendors, focusing on quality, scheduling, and sustainable management to jointly complete entrusted tasks.	• Supply Chain Management • Procurement Strategy • Regulatory Compliance • Transportation Safety Management	• Quality Abnormality (Supply & Construction Quality) Tracking and Review Meeting (Irregular) • Visits, Interviews, Communication Review Meetings (Irregular) • Protocol Organization Meeting / Submit Hazard Notification Form (Before construction starts) • Contractor Communication Records / Contractor / Supplier Evaluation (Annually) • Industrial Safety Course Education and Training (Irregular) • Supplier Questionnaire Survey / Provision of Product Material Data (Irregular)	• A total of 263 suppliers were evaluated • A total of 30 contractor construction performance evaluations were conducted • Contractor safety and health education and training totaled 1,658 hours • Contact Units: Procurement Department / Industrial Safety Office
Investors	Investors are vital supporters of the company's survival and development. Through capital investment and participation in corporate governance supervision, they enable the enterprise to sustainably survive, develop, and maintain operations.	• Product Quality • Technology R&D • Economic Performance	• Market Observation Post System: (Real-time / Periodic / Updated and disclosed as regulated) • Annual General Shareholders' Meeting: (Annually) • Company Website "Investor Services" / Group Joint Shareholder Service Network (Anytime) • Hold Extraordinary Shareholders' Meeting (Irregular) • Publish Annual Report (Once a year) • Publish ESG Report (Once a year) • Publish Task Force on Climate-related Financial Disclosures (TCFD) Report (Once a year) • Publish Financial Report (Quarterly) • Institutional Investor Conference (At least twice a year) • Spokesperson Contact Information (Irregular) • Company Website Audit Committee Email (Irregular)	• Held the Annual General Shareholders' Meeting on May 28, 2025 • Held institutional investor conferences on March 25, May 20, August 26, and November 25, 2025 • Conducted education and training related to ethical corporate management, with a total of 691 employee participations and 754 total training hours • Established internal and external whistleblowing channels and processing systems to implement the code of ethical conduct and ethical corporate management best practice principles. Submitted the ethical corporate management report on November 7, 2025 • Established an Investor Section on the company website. • Contact Units: President's Office / Human Resources Department

Stakeholder	Importance	Topics of Concern	Communication Channels & Frequency	2025 Engagement Results
Government Agencies	Government agencies are important indicators for enterprise development and market expansion. Complying with and responding to government agency regulations is the basic principle of business operations.	• Regulatory Compliance • Climate Change and Energy Management • Air Pollution Control • Waste Management • Water Resource Management	• Visit relevant government departments (Irregular) • Participate in advocacy seminars, public hearings, etc., held by relevant government departments (Irregular) • Cooperate with items required by various plans of the competent authority (Irregular) • Market Observation Post System (Annually)	• A total of 180 audits were conducted by environmental/labor inspection/firefighting competent authorities • Participated in external meetings and regulatory briefing sessions held by government and public associations • The greenhouse gas emissions in 2025 were 73.9 thousand tonnes of CO_2e • Waste proper disposal rate: 100% • Water consumption: 410 million liters • Contact Units: Safety Office / Environmental Protection Department
Local Communities	Upholding the spirit of taking from society and giving back to society, TTC spares no effort in caring for local neighborhoods, community groups, and local schools. We also provide job opportunities and maintain continuous interaction and networking with local communities to sustain friendly relations and prosper the local economy. The company's core community scope is centered around its main production and operation sites (Linyuan District and Qianzhen District in Kaohsiung City, and Toufen City in Miaoli County).	• Air Pollution Control • Community Involvement and Social Public Welfare • Occupational Health and Safety	• Company Website (Anytime) • Visit local groups / Moderately sponsor local activity funds (Irregular) • Pollution Control Meeting / Safety and Health Promotion Meeting (6 times a year respectively) • Industrial Park Monitoring Connection Meeting (Quarterly) • Networking Competitions (Irregular) • PSM Meeting (Monthly)	• The company invested NT$1.71 million in local community care sponsorships in Linyuan District • USI Education Foundation sponsored and invested NT$2.0 million • Participated in the Kaohsiung City air quality purification adoption activity • Assisted in repairing various public facilities in Linyuan District • Visited community neighborhood chiefs, participated in local neighborhood care gatherings, activities, networking lectures, and seminar activities of community social development associations and various associations • Participated in relevant activities co-organized by the Group and local entities to promote local harmony • Continued to implement the PSM system to reduce the chance of disasters • Contact Units: Plant Manager's Office / Administration Section / Industrial Safety Office / Environmental Protection Section

Material Topics Management

The company's material topic identification and analysis are set to be conducted every two years. This year continues the material topics identified in 2024, continuously tracking and reviewing the effectiveness of achieving various goals.

1. Process to Determine Material Topics GRI 3-1、GRI 3-2

I. Identify Key Stakeholders

Following the five dimensions of the AA1000SES Stakeholder Engagement standard principles:

Responsibility, Influence, Dependency, Diverse Perspectives, and Tension. We sent stakeholder identification questionnaires to ESG task force supervisors. After the statistical results were approved by the project secretary of the Sustainable Development Committee and team leaders, six core stakeholder groups were determined based on their identification scores: Employees, Customers, Investors, Suppliers/Contractors, Government Agencies, and Local Communities.

II. Collect ESG Topics

Referring to international sustainability norms and standards (GRI Universal Standards, SASB, SDGs, TCFD) and the company's operational goals and vision, the task force compiled 28 positive/negative actual and potential sustainability topics, including: positive actual impact topics (7), positive potential impact topics (7), negative actual impact topics (7), and negative potential impact topics (7).

III. ESG Topic Positive/Negative Impact Survey

A questionnaire survey on the 28 ESG topics was conducted among TTC's six core stakeholder groups, scoring based on the degree of positive and negative impact of the topics. A total of 72 valid responses were received.

IV. ESG Topic Positive/Negative Impact and Likelihood Survey

A questionnaire survey on the 28 ESG topics was conducted among TTC's internal unit heads and directors, scoring based on the degree of positive and negative impact of the topics and the likelihood of occurrence. A total of 25 valid responses were received for statistical analysis.

V. Determine Material Topics

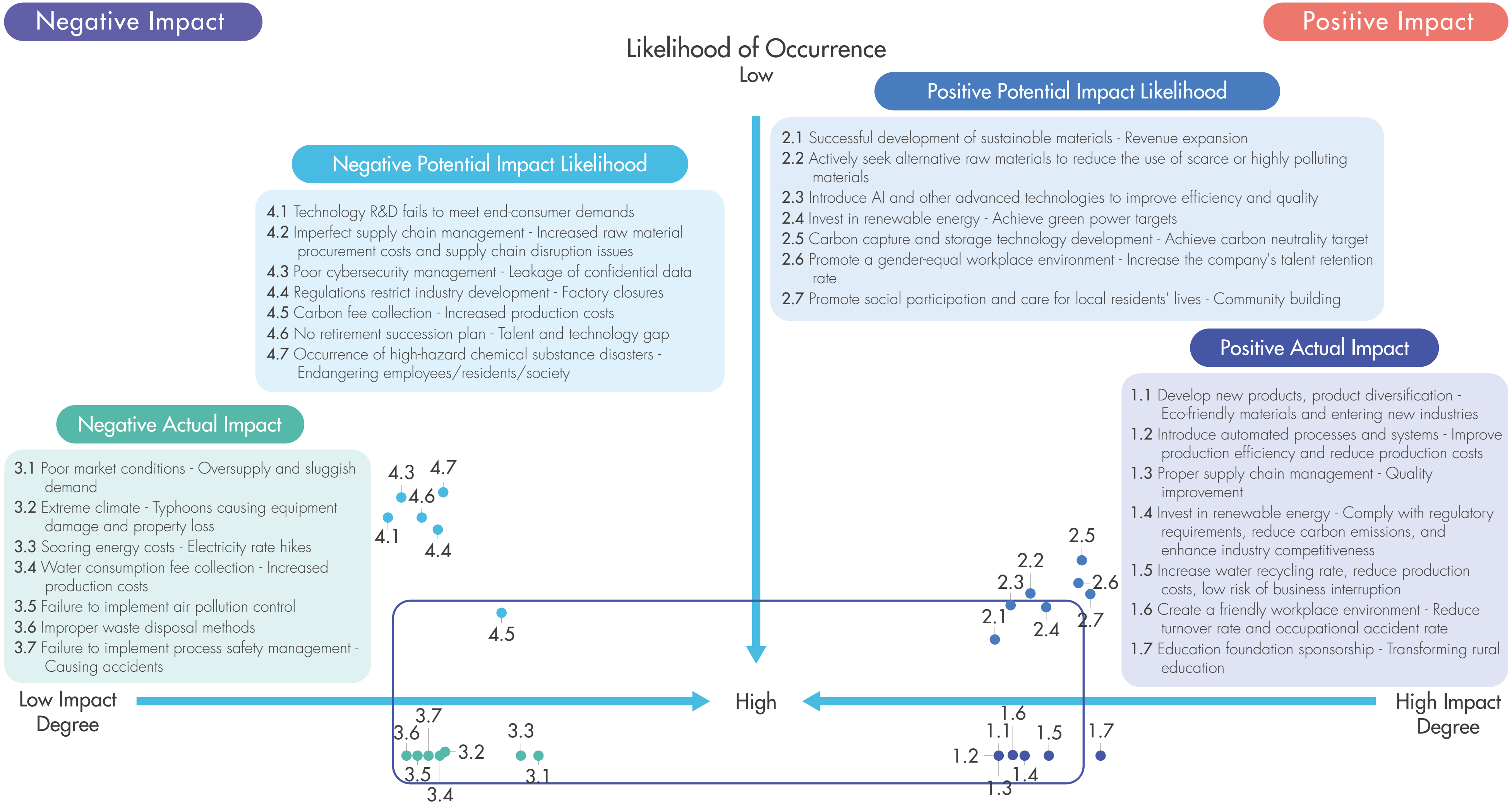
The questionnaire results were charted, and based on the ESG task force's recommendation, ESG topics meeting the significance threshold were designated as "significant topics." The significant topics were categorized into environmental, social, and governance aspects, converging into 8 material topics. The results were submitted to the Sustainable Development Committee for approval and reported to the Board of Directors.

VI. Confirm Material Topic Prioritization and Disclosure Content

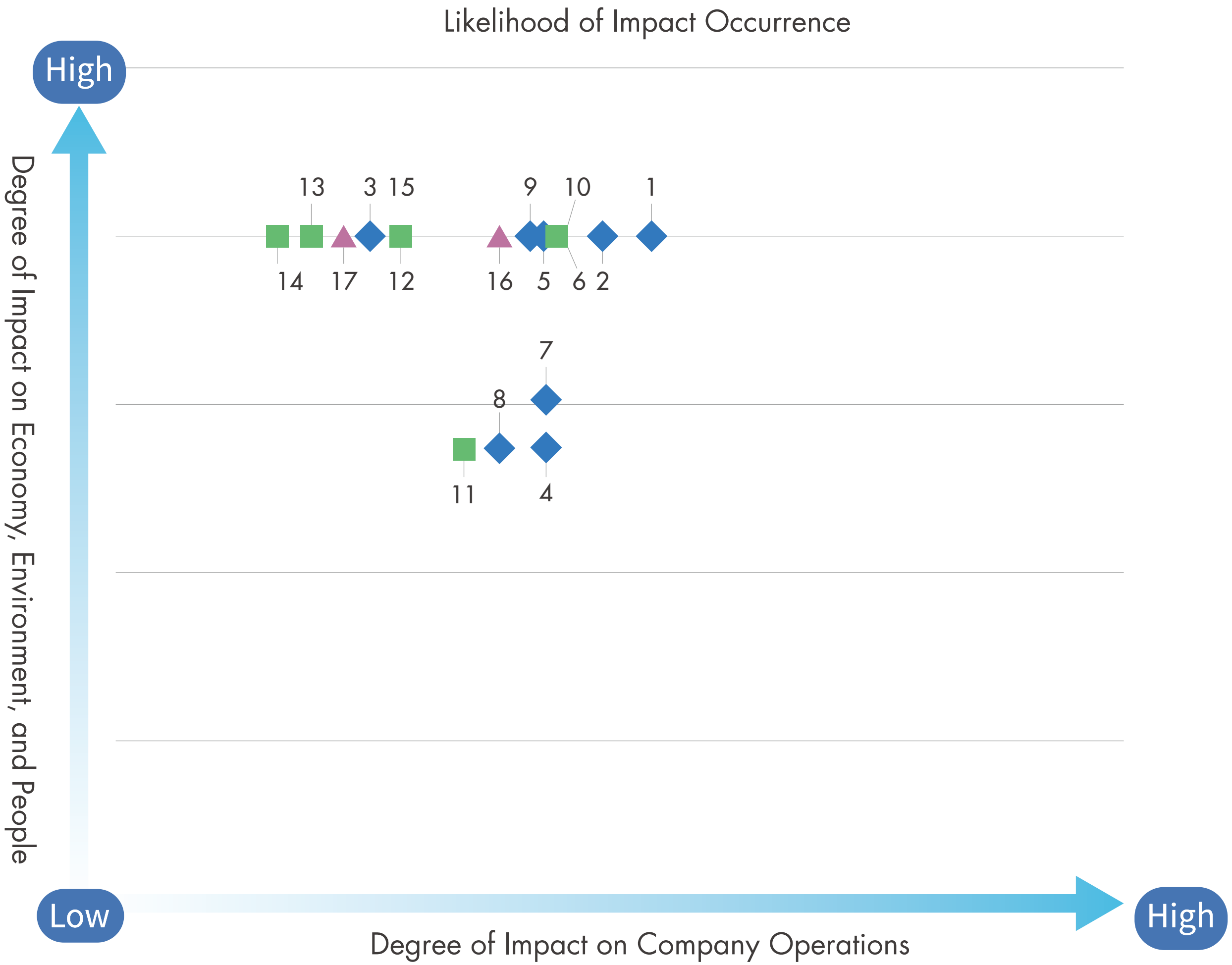
Based on the impact intensity and likelihood of occurrence of operational activities related to the 8 material topics on the economy, environment, and people, the ESG task force understood the impact boundary and degree of involvement of the material topics in the value chain to prioritize them.

Based on the reporting requirements of each topic, the response strategies for material topics were explained, and short-, medium-, and long-term goal results performance and management approaches were formulated. The 8 material topics correspond to 6 GRI Topic Standards.

To ensure the completeness of ESG topic coverage, referring to the requirements of the GRI Universal Standards, SASB Chemicals Industry Standards topics, The Sustainable Development Goals (SDGs), and domestic and international industry sustainability trends, we used various communication channels to collect a total of 28 "Stakeholder Topics of Concern." Scatter plots were drawn based on the "Degree of Impact" and "Likelihood of Occurrence." By setting a significance threshold (impact score above 3.4, likelihood above 3.7) according to the opinions of the ESG task force, stakeholders, and internal and external experts, 17 significant topics were selected.



The 17 significant topics were categorized by environmental, social, and governance aspects. A double materiality analysis was conducted based on the "degree of impact on company operations" and the "degree of impact on the economy, environment, and people (including human rights)," converging into 8 material topics.In addition, 1 continuous management topic was included—Talent Attraction and Retention. The results were submitted to the Sustainable Development Committee for approval and then reported to the Board of Directors.



» Governance

1. Poor market conditions - Oversupply and sluggish demand
2. Soaring energy costs - Electricity rate hikes
3. Water consumption fee collection - Increased production costs
4. Carbon fee collection - Increased production costs
5. Develop new products, product diversification, eco-friendly materials, and entering new industries
6. Introduce automated processes and systems, improve production efficiency, and reduce production costs
7. Successful development of sustainable materials - Revenue expansion
8. Introduce AI and other advanced technologies, improve efficiency and quality
9. Proper supply chain management - Quality improvement

» Environment

10. Invest in renewable energy, comply with regulatory requirements, reduce carbon emissions, and enhance industry competitiveness
11. Invest in renewable energy - Achieve green power targets
12. Extreme climate, typhoons causing equipment damage and property loss
13. Failure to implement air pollution control
14. Improper waste disposal methods
15. Increase water recycling rate, reduce production costs, low risk of business interruption

» Social

16. Create a friendly workplace environment - Reduce turnover rate and occupational accident rate
17. Failure to implement process safety management - Causing accidents

2025 Material Topics List GRI 3- 2

Dimension	No.	Impact	Description	Material Topic
E Environment	1	Positive Actual	Invest in renewable energy - Comply with regulatory requirements, reduce carbon emissions, and enhance industry competitiveness	Climate Change and Energy Management (GRI 302: Energy) (GRI 305: Emissions)
	2	Negative Actual	Extreme climate, typhoons causing equipment damage and property loss	
	3	Positive Potential	Invest in renewable energy - Achieve green power targets	
	4	Negative Actual	Failure to implement air pollution control	Air Pollution Control (GRI 305: Emissions)
	5	Positive Potential	Improper waste disposal methods	Waste Management (GRI 306: Waste)
	6	Negative Actual	Increase water recycling rate - Reduce production costs, low risk of business interruption	Water Resource Management (GRI 303: Water and Effluents)
S Social	7	Negative Actual	Failure to implement process safety management - Causing accidents	Occupational Health and Safety (GRI 403: Occupational Health and Safety)
	8	Positive Actual	Create a friendly workplace environment - Reduce turnover rate and occupational accident rate	
			Continuous Management Tracking	Talent Attraction and Retention (GRI 401: Employment) (GRI 404: Training and Education)
G Governance	9	Negative Actual	Poor market conditions - Oversupply and sluggish demand	Economic Performance (GRI 201: Economic Performance)
	10	Negative Actual	Soaring energy costs - Electricity rate hikes	
	11	Negative Actual	Water consumption fee collection - Increased production costs	
	12	Negative Potential	Carbon fee collection - Increased production costs	
	13	Positive Actual	Develop new products, product diversification - Eco-friendly materials and entering new industries	Technology R&D
	14	Positive Actual	Introduce automated processes and systems - Improve production efficiency and reduce production costs	
	15	Positive Potential	Successful development of sustainable materials - Revenue expansion	
	16	Positive Potential	Introduce AI and other advanced technologies - Improve efficiency and quality	
	17	Positive Potential	Proper supply chain management - Quality improvement	Product Quality

2. Material Topics and Value Chain

The material topics with high impact on corporate governance, environment, and society, as well as high concern from stakeholders, were evaluated and determined by the Sustainable Development Committee. The corresponding material topics of the GRI Topic Standards were identified and prioritized for response and explanation in the report.

◉ Direct Impact ● Indirect Impact

Sustainability Principles	Material Topics	Significance and Material Reasons	GRI Topic Standards	Value Chain				Corresponding Chapters
				Supply Chain	Operations	Products	Society	
Establish Robust Governance	Economic Performance	The company's operational performance is a critical element supporting the sustainable development of the enterprise.	GRI 201Economic Performance:2016	●	◉	◉		1.2 Economic Performance
Building an Innovative Supply Chain	Product Quality	Through continuous effort and innovative technologies, we improve quality to ensure that all product quality meets customer requirements and expectations.	Custom Topic	●	◉	◉		2.1 Product Quality
	Technology R&D	New product technology R&D capabilities allow us to grasp market trends and enhance market competitiveness, creating high value and sustainable operations for the company.	Custom Topic	●	◉	◉		2.2 Technology R&D
Creating Friendly Environments	Climate Change and Energy Management	The severe climate changes caused by climate change, the increasing probability of extreme weather, greenhouse gas reduction, and the 2050 net-zero policy have significant impacts on operations.	GRI 302: Energy 2016 GRI 305: Emissions 2016	●	◉	◉	●	3.2 Climate Change and Energy Management
	Water Resource Management	In recent years, due to global climate change, the risks of water shortages and floods have been increasing. The amount of water resource usage also relates to production costs and the environmental impact of wastewater discharge.	GRI 303: Water and Effluents 2018		◉	●	◉	3.3 Water Resource Management
	Air Pollution Control	Air pollutant control is a highly valued issue by the competent authorities and is extremely important for emission control.	GRI 305: Emissions 2016		◉	◉	◉	3.4 Air Pollution Control
	Waste Management	Existing waste landfills are becoming increasingly saturated, and finding qualified waste disposal companies is difficult, impacting the disposal of industrial waste from various factories.	GRI 306: Waste 2020		◉	●	◉	3.5 Waste Management
Shaping an Inclusive Society	Occupational Health and Safety	A healthy and safe working environment is the primary labor condition requirement for workers.	GRI 403: Occupational Health and Safety 2018		◉	●	◉	4.1 Occupational Health and Safety 4.2 Health Promotion
	Talent Attraction and Retention	High-quality human assets are one of the key factors for an enterprise's success. Meritocracy and putting the right people in the right places allow employees to work with peace of mind, fully demonstrate their expertise, and maximize their potential.	GRI 401: Employment 2016 GRI 404: Training and Education 2016		◉	●	◉	5.1 Talent Attraction and Retention

United Nations Sustainable Development Goals (SDGs)

As a global citizen, TTC believes that sustainable development must stem from core values and be integrated with the SDGs. We conducted SDG relevance identification in three stages and set related goals to incorporate into our operational plans.

1. SDGs Identification Process

Stage I: SDGs Understanding and Operational Development Discussion

Conduct SDGs education and training, discuss impacts on company operations
Consider the prioritization of sustainable development goals

Stage II: Identify Impacts and Opportunities

Link sustainable development goals with material topics
Identify key opportunities and resource allocation

Stage III: Respond to SDGs Goals and Actions

Discuss the feasibility of goal setting
Set short-, medium-, and long-term plans, discuss integration into corporate operational plans

2. Linkage between Material Topics, SDGs, and Corporate Sustainable Development Goals:

Aspect	Stakeholders	Material Topic / GRI	SDGs Goal	Indicator Item	Short-Term Goal 2025	Medium-Term Goal 2027	Long-Term Goal 2030	Actual Achievement Status 2025
Environment	Government Agencies Local Communities	Climate Change and Energy Management GRI 201、3-3、302、305	13 CLIMATE ACTION	GHG Emissions (Scope 1+2)	– 11% compared to base year	– 16% compared to base year	– 27% compared to base year	– 19.18%
				Energy Consumption per Unit of Product	– 3% compared to base year	– 4% compared to base year	– 6% compared to base year	– 8.14%
		Water Resource Management GRI 3-3、303	6 CLEAN WATER AND SANITATION	Water Consumption per Unit of Product	– 4% compared to base year	– 8% compared to base year	– 15% compared to base year	– 18.71%
				Water Recycling Rate (R2)	35%	37%	40%	43.52%
		Air Pollution Management GRI 3-3-305	11 SUSTAINABLE CITIES AND COMMUNITIES	Air Pollutant Emissions per Unit of Product	– 11% compared to base year	– 17% compared to base year	– 25% compared to base year	– 35.00%
		Waste Management GRI 3-3、GRI 306	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	Proper Waste Disposal Rate	100%	100%	100%	100%

Aspect	Stakeholders	Material Topic / GRI	SDGs Goal	Indicator Item	Short-Term Goal 2025	Medium-Term Goal 2027	Long-Term Goal 2030	Actual Achievement Status 2025
Social	Employees Local Communities	Occupational Health and Safety GRI 3-3、GRI 403	3 GOOD HEALTH AND WELL-BEING	Disabling Injury Frequency Rate (FR)	0	0	0	0
				Disabling Injury Severity Rate (SR)	0	0	0	0
		Talent Attraction and Retention GRI 3-3、GRI 401	8 DECENT WORK AND ECONOMIC GROWTH	Overall Employee Turnover Rate	≦ 7.5%	≦ 7.5%	≦ 7%	2.97%
Governance	Employees Investors Customers Suppliers/ Contractors	Economic Performance GRI 3-3	8 DECENT WORK AND ECONOMIC GROWTH	Maintain positive profitability	Maintain positive profitability	Maintain positive profitability	Maintain positive profitability	– NT$430 million
		Technology R&D GRI 3-3	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	Number of New Product Developments	1 case	1 case	1 case	3 cases
		Product Quality GRI 3-3	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	Number of Product Quality Improvement Projects	1 case	1 case	1 case	2 cases