

Corporate Sustainability Vision

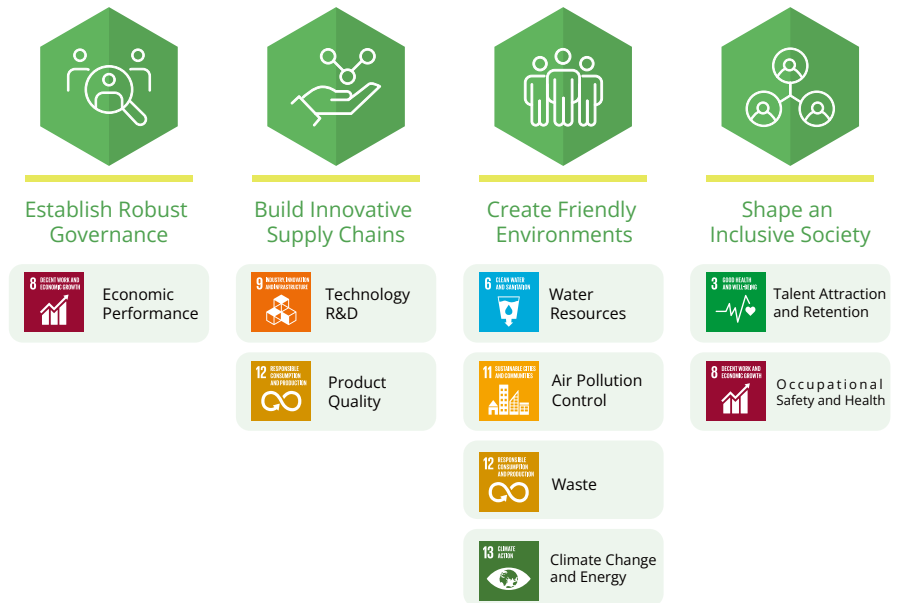
1. Sustainability Vision and Management Strategy

GRI 2-16、GRI 2-22、GRI 2-23、GRI 2-24

Based on the USIG Group (USIG) vision to "create sustainable value for a sustainable society," we hope to constantly create and cohere sustainable value to contribute to social sustainability. Based on the sustainable vision, we have developed three core strategies: "R&D and innovation," "solid operational," and "social inclusion," hoping to create value with stakeholders together. We extend the contents of the core strategies into seven key topics as the foundation for TTC's Sustainability Strategy.



TTC's Sustainability Strategy



As a member of the USIG, TTC will strive to uphold the Group's vision and establish four main sustainability principles: establish robust governance, build innovative supply chains, create friendly environments, and shape an inclusive society. We will link issues, and each year we review the consistency between the results of analyzing material topics and sustainable principles, as well as reviewing the status of annual progress achievements. TTC's sustainability strategy and its plans to promote economic, environmental, and social aspects are as mentioned below:

Sustainability Strategy and Short/Medium to Long-term Plan

Aspects	Short term (2024)		Mid to Long-term (2027~2030)
	Plan	Objective	
 Governance	<ul style="list-style-type: none"> Conduct production and sales budgeting Continually plan for capacity expansion Ongoing planning for bottleneck elimination Retain strong and eliminate weak sales to enhance market competitiveness and maintain profitability Improve the basic performance of general-grade ABS products Obtain BIS certification for ABS products in Improve particle size concentration of EPS products 	<ul style="list-style-type: none"> 85% total production and total sales of ABS/SAN, 100% of GPS, 100% of EPS, 85% of Zhongshan EPS, and 100% of GW Maintain profitability annually Improve glossiness up to 99 GD Comply with Indian BIS standards Three-layer concentration > 90% 	<ul style="list-style-type: none"> Understand customer needs for the product, integrate the Group's functional technology, and develop products that meet customer requirements Retain strong and eliminate weak sales, adjust sales strategy, and strengthen sales of advantageous products Market development and expansion of product applications are jointly carried out by R&D personnel and business units High-value application of GPPS materials in water-related products and third-party quality certification Development of alternative EPS formulations using raw materials restricted under REACH regulations. Development and promotion of TAIECOR eco-friendly materials. For process optimization and product development, compliance with the goal of safety and environmental five zeros (zero pollution, zero emissions, zero occupational hazards, zero accidents, and zero failures)
 Environmental	<ul style="list-style-type: none"> Environmental laws are becoming increasingly stringent, so work on industrial safety and environmental production can never be relaxed, with each Plant's head acting as the person in charge of the plant area The Company and its consolidated subsidiaries have introduced the ISO 14064-1 greenhouse gas inventory Reduce the environmental impact of energy consumption Set energy-saving and carbon-reducing targets Reduce the impact of air pollution emissions on the environment and the health of residents Reduce the harm of waste to the environment and human health 	<ul style="list-style-type: none"> Assign responsibilities for industrial safety and environmental production at different levels The greenhouse gas inventory of the Company and its consolidated subsidiaries will complete external verification and certification before Q3 2024 Reduce energy consumption per unit of product by 3% Electricity saving rate of 1%, the annual carbon reduction target achievement rate of 100% The number of fines for exceeding air pollutant emission limits is 0 The proper waste handling rate is 100% 	<ul style="list-style-type: none"> Energy consumption per unit of product is reduced by 6% compared to the 2017 base year The number of fines for exceeding air pollutant emission limits is 0 The proper waste handling rate is 100% Greenhouse gas emissions reduced by 27% compared to the base year
 Social	<ul style="list-style-type: none"> Guidance and training for Process Safety Management (PSM) Create a happy workplace, providing employees with a safe and enjoyable work environment Provide employees with comprehensive education and training Reduce occupational accidents Equal pay regardless of gender Sponsorship of social welfare 	<ul style="list-style-type: none"> Scheduled to complete the PSM system for Linyuan and Qianzhen Plants Reduce the turnover rate to below 7.5% Average training goal is 18.5 hours per person Zero industrial accidents, zero incidents of disabling injuries No violations of labor laws and human rights 	<ul style="list-style-type: none"> Linyuan and Qianzhen Plants continue to promote PSM Reduce the turnover rate to below 7% Strengthen industrial safety inspections, zero industrial accidents Care for vulnerable groups, fulfill social responsibilities



2. Operating Philosophy and Strategic Goals:

In promoting sustainable operations, the Company upholds the core philosophy of "Create sustainable value for a sustainable society." We actively advance ESG strategies to address environmental and social challenges. Demonstrating our commitment, we have obtained the SGS Green Mark and ISO 14021 certification for Pre-Consumer Recycled (PIR) materials. The Company is dedicated to reducing industrial waste at the source and working hand in hand with both the supply and consumption chains to move forward on the path to sustainability.

Company Business Strategy Goal: Actively expand into new overseas markets to broaden sales regions and reduce reliance on any single market, thereby maximizing full production and sales capacity.

Short-term Goals	Medium- & Long-Term Goals
<ul style="list-style-type: none"> Continuously develop dominant markets, adjust sales strategies, and enhance sales of dominant products Implement the management of raw materials/finished products and supply chain Improve operational efficiency Improve customer service quality 	<ul style="list-style-type: none"> Collect information from the market in-depth, provide technical services to customers, conduct market development and expand product application fields Understand the current situation of global bulk raw materials, optimize supply chain management and profit opportunities from product sales Set target markets and customers, leveraging the existing market advantages of TTC to enhance overall operational efficiency and profitability Research and develop new and niche products that are friendly to the environment and customers, meet market and customer needs, improve technical research and development capabilities, and enhance company profits

Our Value Chain GRI 2-6

1. Main Products and Value Chain

The main products of TTC are ABS resin, AS resin, GPS, EPS, High Impact Polystyrene (referred to as HIPS), and glass wool. For more details, please refer to the product information on [the Company's official website](#)

Upstream	Midstream	Downstream
Raw material suppliers	TTC (Polymerization and blending granulation process)	Processing plants/Clients
Butadiene, Propylene, Styrene	Linyuan Plant TAITALAC ABS Resin	ABS: Battery cases, safety helmets, pipes, bathroom accessories, and applications requiring flame retardant, etc.
	Linyuan Plant TAITALAC SAN Resin	AS: Bathroom, packaging, fruit and vegetable boxes, and building materials, etc.
Styrene	Qianzhen Plant TAITAREX GPPS Resin	GPS: Home appliances, 3C accessories, light guide plates, food containers, and packaging boxes, etc.
	Qianzhen Plant / Zhongshan Plant TAITACELL EPS foam resin	EPS: Packaging, food containers, and building materials, etc.
	Qianzhen Plant TAITAREX HIPS Resin	IPS: Computer peripheral products, household appliances, pressing board products, wire reels, and floats, etc.
Window glass, silica sand, metal oxides	Toufen Plant Glass wool/high temperature melting/spinning forming process	Glass wool: Rolls, boards, sheets, ceiling panels, insulation pipes, and covered glass wool, etc.

Industry Scale

ABS products: >>

Production volume 100,000 tons/year, SAN products: Production volume 20,000 tons/year, exploring export markets in Southeast Asia/Central and South America

GPS products: >>

Production volume 100,000 tons/year, mainly exported to South Africa/Egypt/Southeast Asia

EPS products (including mainland China): >>

Production volume 240,000 tons/year, applied to the packaging material market and anti-static packaging market, mainly exported to Central and South America/Southeast Asia/Canada/Australia

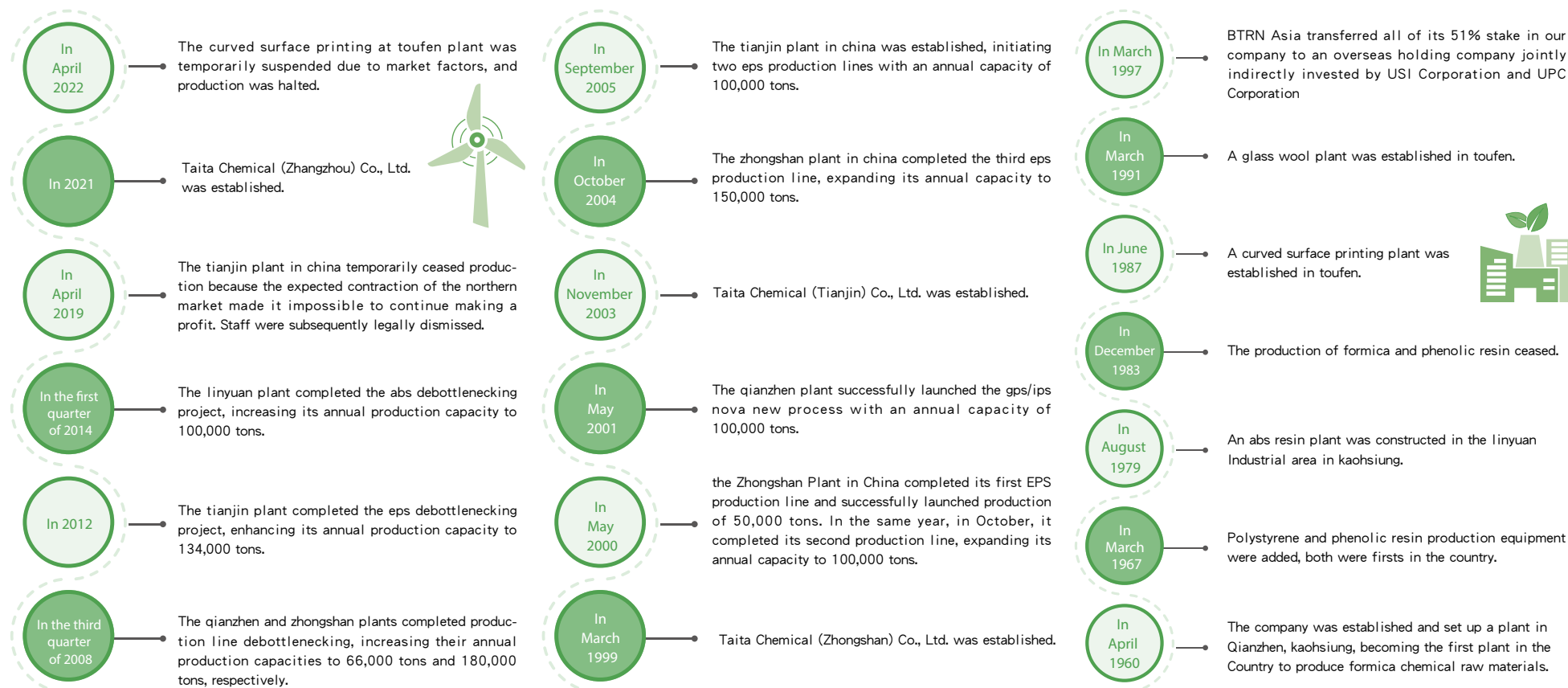
2. Company History and Operational Site Distribution GRI 2-1

TTC Company Profile

Name of Company	TAITA CHEMICAL CO., LTD.
Industry	Plastic Industry/Glass Wool/Curved Surface Printing
Headquarters location	12F, No. 37, Jihu Road, Neihu District, Taipei City

Capital	NT\$3.976 billion
Operating revenues	NT\$18.6 billion
Numbers of employees	482 people

Note: The above data is as of December 31, 2024



3. Participation in External Organizations GRI 2-28

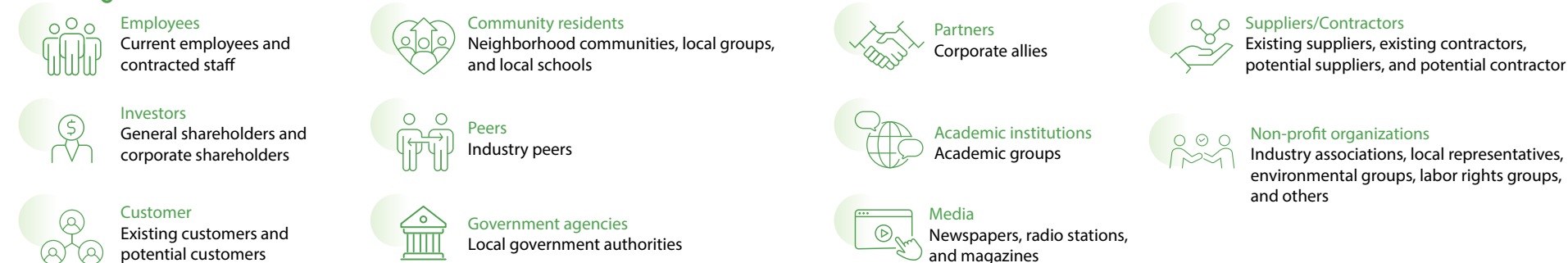
Communication is one of the proactive actions to promote professional growth. TTC participates in various professional groups, combining external forces to strengthen influence, and promoting technical and capability improvements in various fields through interactive sharing among public associations. We support public associations in publishing publications and organizing activities, jointly dedicated to promoting industry development.

Stakeholder Engagement GRI 2-29

1. Stakeholder communication and participation

Stakeholders are those who affect or are affected by an organization's operations or whom the Company is responsible and of which it is obliged to respond. Through proactive and extensive communication with stakeholders, we can adequately understand and respond timely to the concerns and topics raised by them. These can help us sustain our improvement and growth. The trust and support of the stakeholders make TTC push even more for sustainable development.

2. Categories of Stakeholders



Every two years, a survey is conducted with the ESG Committee's working groups, plant managers, and the Group's common service department managers. The survey assesses stakeholders that they interact with or influence, such as the aforementioned 11 types of group organizations, based on the principles of responsibility, influence, dependence, tension, and diversity outlined in the AA 1000 SES (2015) (Stakeholder Engagement Standards, abbreviated as SES).

3. Core Stakeholder Identification Assessment

In December 2024, 72 evaluation questionnaires were collected and discussed by the ESG Committee's Project Secretary and three group leaders. According to the assessment score, six types of stakeholders were identified as core: (1) Customers, (2) Employees, (3) Suppliers/Contractors, (4) Investors, (5) Government Agencies, and (6) Community Residents. These core stakeholders are the basis for prioritizing communication with stakeholders at TTC.

TTC Participation in Major External Organizations in 2024

Name of Organization	Member	Committee member	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	●		

4. Stakeholder Communication Channels

Core Stakeholders	Contact Points	Phone No.
Employees	Administrative Department	07-7040988 ext.1308
Customers	Sales Department Ms. Wu	07-7040988 ext.6214
Investors	Spokesperson Director Huang	07-7040988 ext. 3278

Core Stakeholders	Contact Points	Phone No.
Government agencies	Safety Office Mr. Yeh	07-7040988 ext.1328
Suppliers/Contractors	Procurement Division Mr. Li	07-7040988 ext.3786
Community residents	Manager's Office Mr. Li	07-7040988 ext.1322

5. Key Stakeholder Concerns, Communication Channels and Implementation Status

TTC uncovers the concerned topics raised by stakeholders through various communication channels and use these as major references for the content of our CSR reports and future CSR development. We also rely on the CSR reports to communicate with core stakeholders and promote exchange between the Company and stakeholders to pursue mutual progress and growth.

The communication status with each key stakeholder is reported annually at the ESG Committee meeting, and simultaneously reported to the Board of Directors.

2024 Stakeholders' Identities, Key Concerns, Communication Channels, and Response Methods

Stakeholders	Significance	Key Concerns	Communication Channels and Frequency	Communication Results
Employees	Employees are the most important assets of a company and are one of the key factors for successful operations. TTC employs people based on their talent and suitability, allowing employees to work with peace of mind, fully showcasing their expertise, and exerting their abilities to achieve the Company's sustainability goals.	<ul style="list-style-type: none"> Occupational Safety and Health Employee Benefits Labor-management Relations Legal Compliance Economic Performance 	<ul style="list-style-type: none"> EHS Management Committee meeting (Once every two months) Occupational Safety and Health Committee (Once per quarter) Process Safety Management (PSM) meeting (Once every month) Union Board/Welfare Committee (Once per quarter) Union Representative Conference (Once a year) Employee Retirement Fund Committee (Once every half year) Health Check-up and Health Check-up Feedback Session (Once a year) Education/training (Scheduled) Employee Communication Meetings (Once per quarter) Gender Equality Complaint Mailbox/ Employee Complaint Mailbox/ Suggestion System (Anytime) 	<ul style="list-style-type: none"> Salary adjustments based on the consumer price index and individual performance (Average salary increase for employees in 2024 is approximately 3%) Human Rights Protection Trainings: A total of 2,210 participants attended, with a cumulative training duration of 7,067 hours. Total employee training hours reached 17,176 hours, with an average of 35.6 hours per person Number of disabling injuries: 0, no major occupational accidents occurred The occupational health nurse and physician conducted a total of 147 health education sessions for individuals requiring follow-up based on health examination results Occupational safety, health, and environmental meetings are held regularly, with all relevant department supervisors in attendance. These meetings serve as a platform to review and communicate various environmental, safety, and health matters Four communication meetings with all employees were convened by the President <p>Contact Units: Administrative Department / Human Resources Department / Safety Office</p>
Customers	Customers are crucial partners for the operation and development of the Company. We aim to satisfy our customers through order fulfillment and product improvement. Customer quality requirements also impact our company's technological R&D and quality management.	<ul style="list-style-type: none"> Product Quality Technology R&D Economic Performance 	<ul style="list-style-type: none"> Legal regulation/ Quality Assurance meeting review (Once a month) Technical service/ Customer plant visits/ Customer visits (Irregularly) Customer satisfaction survey (Once a year) Execution of joint development of customized products (Irregularly) Company website: Updating domestic and foreign product certification information anytime 	<ul style="list-style-type: none"> Contact and communicate with customers through various channels and conduct quality assurance meetings for reviewTAIECOR The TAIECOR product recycling and reuse process obtained ISO 14021 certificatio Average customer satisfaction rate of the Linyuan/Qianzhen Plant was 96% Customer satisfaction survey for Toufen Plant was 95% Customer satisfaction survey for Zhongshan Plant was 92% <p>Contact Units: President's Office / Sales Department / R&D Department</p>

Stakeholders	Significance	Key Concerns	Communication Channels and Frequency	Communication Results
Suppliers/ Contractors	Excellent suppliers can provide quality and stable raw materials, while engineering contractors can provide professional construction or supplement the lack of plant construction manpower. TTC hopes to assist each other with vendors, work together, pay attention to quality, schedule, and sustainable management, and jointly complete the entrusted tasks	<ul style="list-style-type: none"> Supply Chain Management Strategic Procurement Legal Compliance Transportation Safety and Management 	<ul style="list-style-type: none"> Quality abnormality (supply & construction quality) tracking review meetings (Irregularly) Visits and interviews, communication review meetings (Irregularly) Agreement organization meeting/issue hazard notice (Before work starts) Contractor communication record/contractor/supplier evaluation (Once a year) Safety training courses (Irregularly) Supplier questionnaire survey/Providing product material information (Irregularly) 	<ul style="list-style-type: none"> A total of 210 suppliers were evaluated Evaluated 27 contractor construction assessment and evaluation cases A total of 1,029 hours of occupational safety and health training were provided for contractors <p>Contact Units: Procurement Division / Safety Office</p>
Investors	Investors are important supporters of a company's survival and development. By providing financial investments and participating in corporate governance supervision to ensure sustainable development and its operations growth	<ul style="list-style-type: none"> Product Quality Technology R&D Economic Performance 	<ul style="list-style-type: none"> Market Observation Post System (Immediate / regular / disclosure updates as required) Company website "Investor Services"/ Group joint stock affairs website (At any time) Annual Shareholders' Meeting (Once a year) Hold Shareholders' Interim Meetings (Irregularly) Publish Annual Report (Once a year) Publish ESG Report (Once a year) Publish TCFD Report (Once a year) Publish Financial Report (Once per quarter) Investor Conferences (At least twice a year) Spokesperson Contact Information (Irregularly) Company Website Audit Committee Mailbox (Irregularly) 	<ul style="list-style-type: none"> Held the Annual Shareholders' Meeting on May 31, 2024 Held investor conferences on May 14, 2024 and November 27, 2024 Conducted ethical corporate management training, with a total of 535 employee participants and a cumulative training duration of 750 hours Established internal and external whistleblowing channels and handling procedures to enforce the Ethical Corporate Management Best Practice Principles; the Ethical Corporate Management Report was submitted on November 6, 2024 Set up an Investor Relations section on the Company's official website. <p>Contact Units: President's Office / Human Resources Department</p>
Government agencies	Government agencies are important indicators for business development and market expansion. Complying with and responding to the regulations of government agencies is a basic principle of business operations	<ul style="list-style-type: none"> Legal Compliance Climate Change and Energy Management Air Pollution Control Waste Management Water Resources Management 	<ul style="list-style-type: none"> Visits to relevant government agencies (Irregularly) Government department briefings, public hearings, etc. (Irregularly) Handle matters in accordance with the requirements of various programs initiated by competent authorities (Irregularly) Market Observation Post System (Once a year) 	<ul style="list-style-type: none"> A total of 197 inspections were conducted by environmental, labor, fire safety, and other regulatory authorities. Participated in external meetings and regulatory briefings organized by government agencies and industry associations Greenhouse gas emissions in 2024 totaled 65,700 tons CO2e The proper waste handling rate is 100% Water consumption was 406 million liters <p>Contact Units: Safety Office / Environmental Protection Department</p>
Community residents	TTC adheres to the spirit of taking from society and giving back to the community, making every effort to care for community neighbors, local groups, and local schools, and provides job opportunities and continuous interaction with local community neighbors to maintain friendly relations, and to prosper the local economy	<ul style="list-style-type: none"> Air Pollution Control Community Engagement and Social Welfare Occupational Safety and Health 	<ul style="list-style-type: none"> Company Website (At any time) Visiting local groups / moderately sponsoring local event expenses (Irregularly) Pollution control meetings / occupational safety and health promotion meetings (6 times a year) Industrial park monitoring network meetings (Once per quarter) Friendly competition (Irregularly) Process Safety Management (PSM) meeting (Once every month) 	<ul style="list-style-type: none"> The Company donated NT\$1.56 million to care for the local community in Linyuan District Participation in Kaohsiung City's Air Quality Purification Zone Adoption event Assistance repairs to various public facilities in Linyuan District Conduct visits to community leaders and participate in local neighborhood care events and social gatherings, including lectures with the Community Development Association and various association workshops Participate in Group and local collaborative activities to promote community harmony Continue to implement the PSM system to reduce the likelihood of incidents <p>Contact Units: Manager's Office / Administrative Department / Safety Office / Environmental Protection Department</p>

Material Topics Management

1. Process for Determining Material Topic GRI 3-1、GRI 3-2

01

Identification of key stakeholders

According to the five aspects of the AA1000SES Stakeholder Engagement Principle: Responsibility, Influence, Dependence, Diversity of views, and Tension, the questionnaire for stakeholder identification is sent to the supervisor of the ESG Working Group. The results are validated by ESG Committee Project Secretary and the group leaders, and based on the scoring, 6 types of core stakeholder groups are determined: employees, customers, investors, suppliers/contractors, government agencies, and community residents.

02

Collection of ESG issues

Referencing international sustainability norms and standards (GRI Universal Standards, SASB, SDGs, TCFD) as well as the Company's operational goals and vision, the working group compiled 28 actual and potential sustainability issues with positive and negative impacts, including: actual positive impact issues (7), potential positive impact issues (7), actual negative impact issues (7), and potential negative impact issues (7).

03

Survey of the positive/negative impacts of ESG issues

A questionnaire survey on 28 ESG issues is conducted among the 6 types of core stakeholders of the Company, with scores based on the positive and negative impacts of the issues. A total of 72 valid responses were received.

04

Survey of the positive/negative impacts and probabilities of ESG issues

A questionnaire survey on 28 ESG issues is conducted among the Company's internal department heads and directors, with scores based on the positive and negative impacts of the issues and the likelihood of their occurrence. A total of 25 valid responses were received for statistical analysis.

05

Determining material topics

The questionnaire results are graphed, and with the advice of the ESG Working Group, a significant threshold is set. ESG issues are identified as "Significant Issues", and classified these issues into environmental, social, and governance categories and are converted into eight material topics. The results are submitted to the ESG Committee for approval and report them to the Board of Directors.

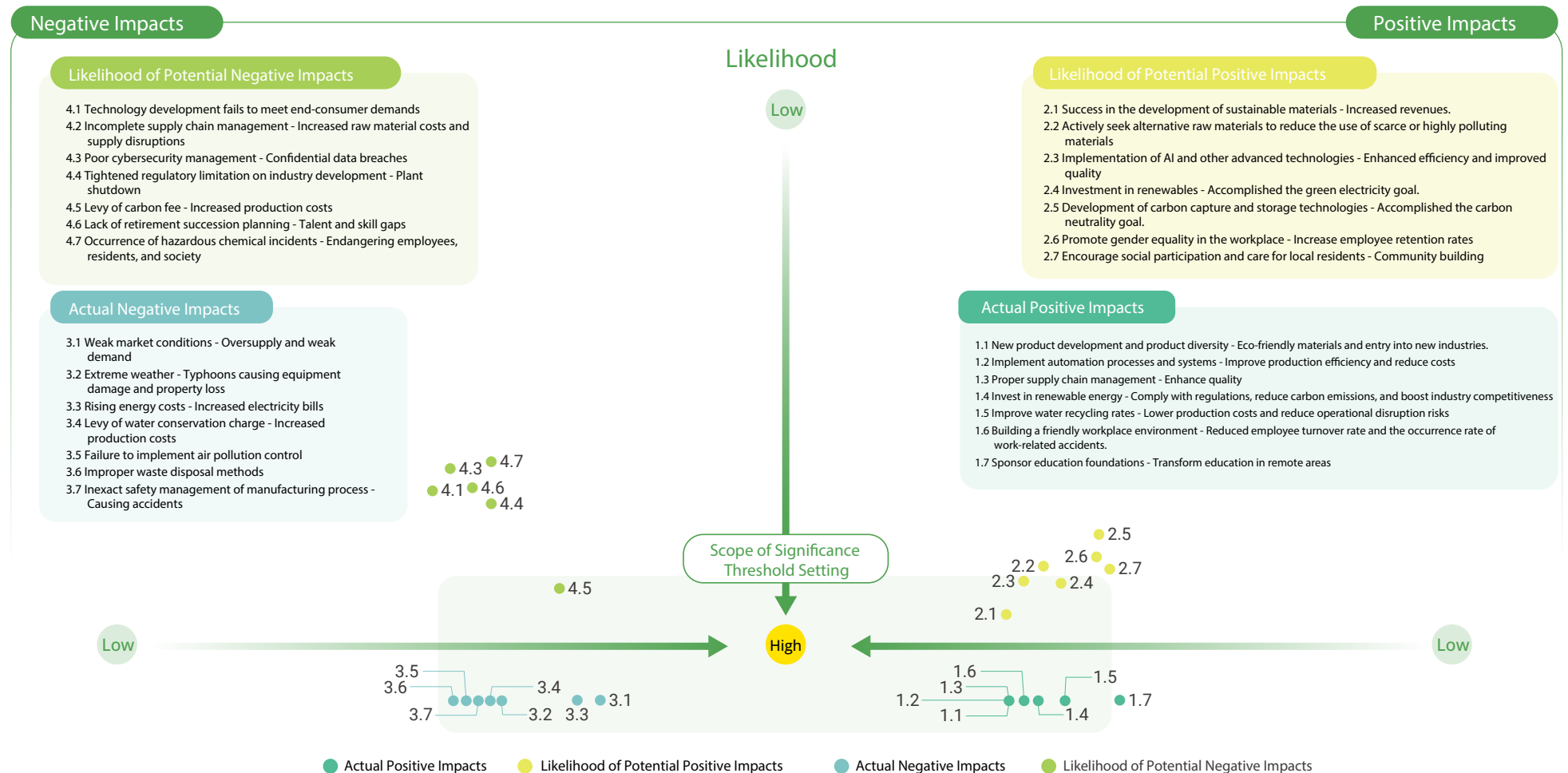
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Confirmation of the order of material topics and disclosure content

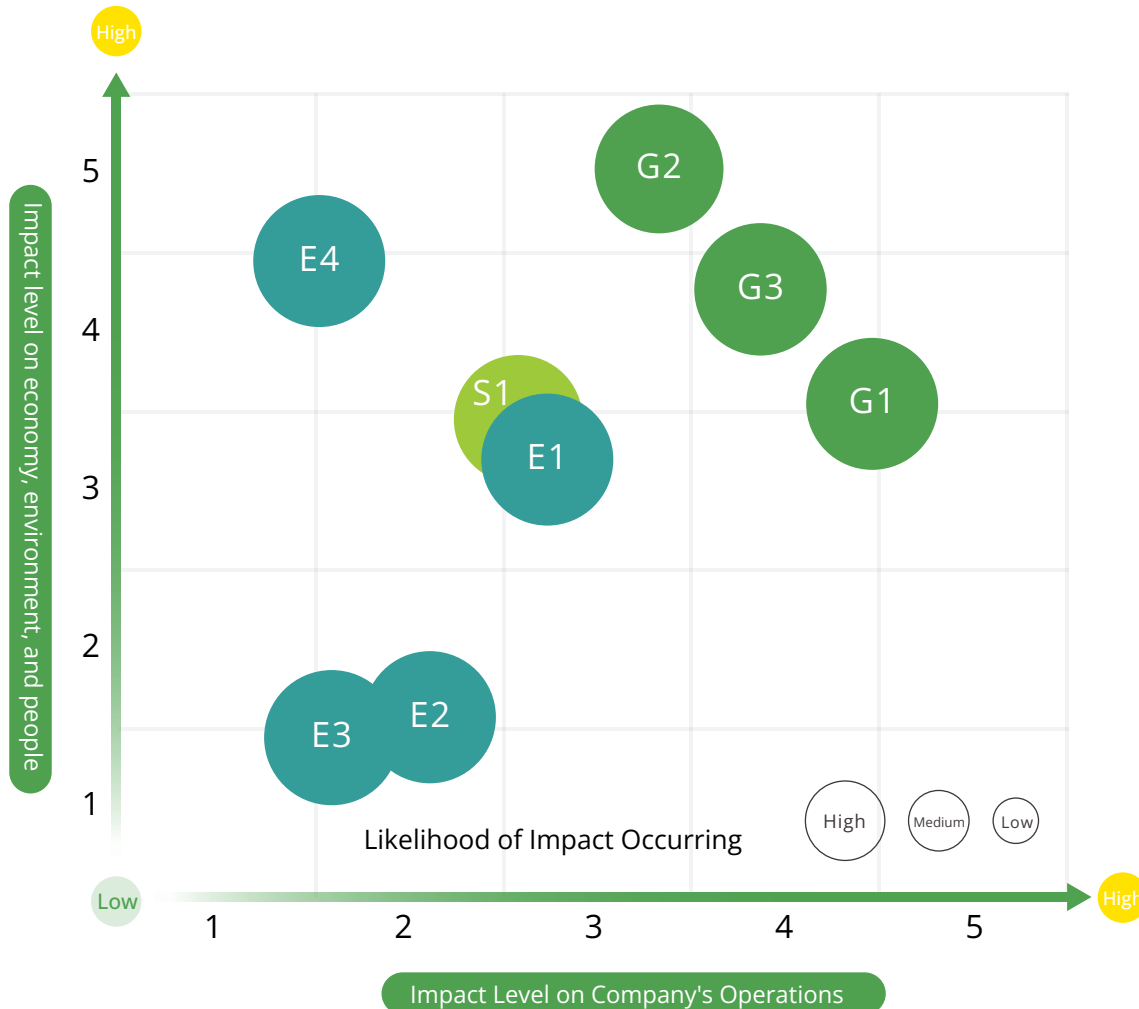
The ESG Working Group ranks the eight material topics based on the impact intensity and likelihood of relevant operating activities on the economy, environment, and population, and understands the impact boundaries and involvement levels of material topics in the value chain.

The response strategy for material topics is explained according to the reporting requirements of each theme, and short, medium, and long-term performance goals and management policies are drafted. The eight material topics correspond to six GRI topic-specific themes.

To ensure the completeness of coverage on ESG issues, we reference the requirements of the GRI Universal Standards, chemical industry indicators from SASB, the United Nations Sustainable Development Goals (SDGs), and trends in sustainability issues both domestically and internationally. In addition, we also use various communication channels to collect "Stakeholder Concerns," totaling 28 items. Based on the "Impact Level" and "Probability of Occurrence" to created consecutive diagram and with the advice of the ESG Working Group, stakeholders, and internal and external experts, a significance threshold (impact score above 3.4 and probability above 3.7) is set. Consequently, 17 are designated as "Significant Issues."



Categorized the 17 significant issues based on the environmental, social, and governance aspects. We performed a dual materiality analysis based on the "impact Level on Company's operations" and "impact level on economy, environment, and people (included human rights)", which led to convergence into 8 material topics. Additionally included 1 ongoing management issue: talent attraction and retention, and submit the results to the ESG Committee for approval before reporting to the Board of Directors.



Governance

- G1 Economic Performance
- G2 Technology R&D
- G3 Product Quality

Environmental

- E1 Climate Change and Energy Management
- E2 Air Pollution Control
- E3 Waste Management
- E4 Water Resources Management

Social

- S1 Talent Attraction and Retention

2024 List of Material Topics GRI 3-2

	顯著性議題		重大議題
 Environmental	1 (Actual Positive)	Invest in renewable energy - Comply with regulations, reduce carbon emissions, and boost industry competitiveness	Climate Change and Energy Management (GRI 302 Energy) (GRI 305 Emissions)
	2 (Actual Negative)	Extreme weather - Typhoons causing equipment damage and property loss	
	3 (Potential Positive)	Investment in renewables - Accomplished the green electricity goal.	
	4 (Actual Negative)	Failure to implement air pollution control	Air Pollution Control (GRI 305 Emissions)
	5 (Actual Negative)	Improper waste disposal methods	Waste Management (GRI 306 Waste)
	6 (Actual Positive)	Improve water recycling rates - Lower production costs and reduce operational disruption risks	Water Resources Management (GRI 303 Water and Effluents)
 Social	7 (Actual Negative)	Inexact safety management of manufacturing process - Causing accidents	Occupational Safety and Health (GRI 403 Occupational Health and Safety)
	8 (Actual Positive)	Building a friendly workplace environment - Reduced employee turnover rate and the occurrence rate of work-related accidents.	
		Ongoing management and monitoring	Talent Attraction and Retention (GRI 401 Employment) (GRI 404 Training and Education)
 Governance	9 (Actual Negative)	Weak market conditions - Oversupply and weak demand	Economic Performance (GRI 201 Economic Performance)
	10 (Actual Negative)	Rising energy costs - Increased electricity bills	
	11 (Actual Negative)	Levy of water conservation charge - Increased production costs	
	12 (Potential Negative)	Levy of carbon fee - Increased production costs	
	13 (Actual Positive)	New product development and product diversity - Eco-friendly materials and entry into new industries.	Technology R&D
	14 (Actual Positive)	Implement automation processes and systems - Improve production efficiency and reduce costs	
	15 (Potential Positive)	Success in the development of sustainable materials - Increased revenues.	
	16 (Potential Positive)	Implementation of AI and other advanced technologies - Enhanced efficiency and improved quality	Product Quality
	17 (Actual Positive)	Proper supply chain management - Enhance quality	



2. Material Topics and Value Chain

Through the evaluation of the ESG Committee, material topics highly impacting corporate governance, environment, and society, and highly concerning stakeholders were identified. The corresponding GRI specific standard topics were identified, with priority given for response and explanation in the report.

Sustainable Principles	Material Topics	Significance and Major Reasons	GRI Standards Topic	Value Chain				Response
				Supply Chain	Operational	Product	Social	
Establish Robust Governance	Economic Performance	The company's operational performance is a significant factor supporting sustainable business development	GRI 201 Economic Performance: 2016	○	●	●		1.2Economic Performance
Build Innovative Supply Chains	Product Quality	Improve quality through efforts and innovative technologies to ensure that all product quality meets customer requirements and expectations	Self-defined Topics	○	●	●		2.1Product Quality
	Technology R&D	The ability to develop new product technologies can grasp market trends and enhance market competitiveness, creating high value and sustainable operation for the Company	Self-defined Topics	○	●	●		2.2Technology R&D
Create Friendly Environments	Climate Change and Energy Management	The dramatic climate changes caused by climate change, increasing probability of extreme weather, greenhouse gas emissions reduction, and 2050 net-zero policy have a significant impact on operations	GRI 302 Energy: 2016	○	●	●	○	3.2Climate Change and Energy Management
	Water Resources Management	In recent years, due to global climate change, the risks of water shortage and flooding have increased. The use of water resources also involves the impact of production costs and wastewater emissions on the environment	GRI 305 Emissions: 2016		●	○	●	3.3Water Resources Management
	Air Pollution Control	Air pollution control is a matter of great concern to regulatory authorities and plays a critical role in emission management	GRI 303 Water and Effluents: 2018		●	●	●	3.4Air Pollution Control
	Waste Management	Existing waste landfill sites are becoming saturated, and it is not easy to find qualified waste treatment companies, impacting the treatment of industrial waste in various factories	GRI 305 Emissions: 2016		●	○	●	3.5Waste Management
Shape an Inclusive Society	Occupational Safety and Health	A healthy and safe working environment is the primary labor condition requirement for workers	GRI 403 Occupational Health and Safety: 2018		●	○	●	4.1Occupational Safety and Health 4.2Health Promotion
	Talent Attraction and Retention	Quality human assets are one of the key success factors for a company. Utilizing talent appropriately and providing a reassuring work environment allows employees to fully demonstrate their expertise and achieve their potential	GRI 401 Employment: 2016 GRI 404 Training and Education: 2016		●	○	●	5.1Talent Attraction and Retention

United Nations Sustainable Development Goals (SDGs)






TTC believes that as a member of the global community, sustainable development needs to start from core values and be combined with the United Nations Sustainable Development Goals. We have conducted SDGs relevance identification in three stages and have set related goals incorporated into our operational plan.

1. SDGs Identification Process



2. Material Topics, Linking SDGs and Corporate Sustainability Goals:

Aspect	Stakeholders	Material Topics/GRI	SDG Targets	Indicators	Short-term Goal	Mid-term Goal	Long-term Goal	Actual Performance	是否達成	Definition / Remarks
					2024	2027	2030	2024		
Environmental	Government agencies Community residents	Climate Change and Energy Management GRI 201, 3-3, 302, 305		GHG emissions (Scope 1+2)	-9% compared to the base year	-16% compared to the base year	-27% compared to the base year	-17.57%	✓	Taiwan Plants
				Energy Consumption Per Unit Product	-3% compared to the base year	-5% compared to the base year	-6% compared to the base year	-5.82%	✓	
		Water Resources Management GRI 3-3, 303		Water Consumption Per Unit Product	-3% compared to the base year	-7% compared to the base year	-15% compared to the base year	-20.33%	✓	
				Water Recovery Rate (R2)	35%	37%	40%	37.52%	✓	Applicable to Linyuan Plant only
		Air Pollution Control Management GRI 3-3, 305		Emission Volume of Pollutants Per Unit Product	-10% compared to the base year	-17% compared to the base year	-25% compared to the base year	-35.76%	✓	Taiwan Plants (VOCs)
		Waste Management GRI 3-3, GRI 306		Proper waste handling rate	100%	100%	100%	100%	✓	

Aspect	Stakeholders	Material Topics/GRI	SDG Targets	Indicators	Short-term Goal	Mid-term Goal	Long-term Goal	Actual Performance	是否達成	Definition / Remarks
					2024	2027	2030	2024		
Social	Employees Community residents	Occupational Safety and HealthGRI 3-3, GRI 403		Disabling injury frequency rate (F.R.)	0	0	0	0	✓	
				Disabling injury severity rate (S.R.)	0	0	0	0	✓	
		Talent Attraction and RetentionGRI 3-3, GRI 401		Overall Employee Turnover Rate	≤ 7.5%	≤ 7.5%	≤ 7%	4.36%	✓	
Governance	Employees Investors Customers Suppliers Contractors	Economic Performance GRI 3-3		Maintain profitability	Maintain profitability	Maintain profitability	Maintain profitability	- NT\$220 million	✗	
		Technology R&D GRI 3-3		Number of New Product Development Projects	1 Case	1 Case	1 Case	1 Case	✓	
		Product Quality GRI 3-3		Number of Product Quality Improvement Projects	1 Case	1 Case	1 Case	2 Case	✓	

