

7 Appendix

7.1 GRI Standards Index

Use Statement	China General Plastics Corporation. (hereinafter referred to as "CGPC") has prepared this report in accordance with the GRI Guidelines. The reporting period of this report is for the year 2025 (from January 1, 2025, to December 31, 2025). Some data may include information and performance from before January 1, 2025, as well as content relating to the year 2026.			
GRI 1 used	GRI 1: 2021 General			
Relevant GRI Industry Guidelines	Not Applicable			
GRI Standard		GRI 2: General disclosures for 2021		
Disclosure items	Section	Page number	Descriptions omitted	Remarks
1. Organization and Reporting Practices				
2-1 Detailed Information about the Organization	About this Report, 1. About CGPC	04, 12		
2-2 Entities Included in the Sustainability Report	About this Report, 1.1 Company Introduction	04, 13		
2-3 Report period, Frequency and Contact Person	About this Report	04		
2-4 Information re-editing	About this Report	04		CH3.2.4: The retained economic value in 2023 was revised in the 2024 Sustainability Report due to rounding adjustments.
	3.2.4 Description of direct economic value generated and distributed by the organization	44		CH5.2: Vinyl chain carbon reduction pathway planning, energy consumption over the past three years, unit product energy consumption over the past three years, greenhouse gas emission intensity by product, and greenhouse gas emissions of each plant over the past three years
	5.2 Climate Change and Energy Management	77		CH5.3: Water withdrawal of each plant in the last three years, R2 water reuse rate statistics over the past three years, wastewater discharge volumes over the past three years, and wastewater discharge intensity over the past three years
	5.3 Water Resources Management	100		CH5.4: Since chemical production volume is measured in dry tons, the 2023 - 2030 material topic targets have been updated accordingly.
	5.4 Air Pollution Control	109		CH5.5: Waste generation statistics over the past three years have been updated due to omissions in previous data.
2-5 External guarantee / assurance	About the Report , 7.7 Third party assurance	04, 187		
2. Event and Workers				
2-6 Activities, Value Chain and Other Business Relationships	1.2 Business Philosophy and Product Introduction	14		
2-7 Employees	1.1 Company Introduction 6.1 Workforce Structure	13 116~117		
2-8 Non-Employee Workers	6.4 Safe and Healthy Workplace	133~147		

GRI Standard	GRI 2: General disclosures for 2021			
Disclosure items	Section	Page number	Descriptions omitted	Remarks
3. Governance				
2-9 Governance structure and composition	2.1.2 ESG strategy	20		
	2.2.2 Organizational Structure of the ESG Committee	22		
	3.1.1 Transparent information disclosure	36		
	3.1.2 Information on appointment of the Board and the status of operation	36		
	3.1.3 Status of implementation of Board diversity	37		
	3.1.5 Corporate governance officer	38		
	3.1.6 Functional committees	38		
	3.1.10 Proactively Connecting with the International Community: CDP Climate and Water Leadership	41		
2-10 Nomination and Selection of the Highest Governance Unit	2.2.1 ESG Committee	22		
	3.1.2 Information on appointment of the Board and the status of operation	36		
	3.1.3 Status of implementation of Board diversity	37		
	3.1.7 Responsibilities and Operations of Functional Committees	39		
2-11 Chairman of the Highest Governance Unit	2.2.1 ESG Committee	22		
	3.1.3 Status of implementation of Board diversity	37		
2-12 The Role of the Highest Governance Unit in Supervising Impact Management	2.2.1 ESG Committee	22		
	3.1.2 Information on appointment of the Board and the status of operation	36		
	3.1.10 Proactively Connecting with the International Community: CDP Climate and Water Leadership	41		
2-13 Person in Charge of Impact Management	2.1.2 ESG strategy	20		
	2.2.2 Organizational Structure of the ESG Committee	22		
	3.1.2 Information on appointment of the Board and the status of operation	36		
	3.1.8 Implement ethical management	39		
	3.1.10 Proactively Connecting with the International Community: CDP Climate and Water Leadership	41		
2-14 The Role of the Highest Governance Unit in Sustainability Report	2.2.2 Organizational Structure of the ESG Committee	22		
	3.1.2 Information on appointment of the Board and the status of operation	36		
	3.1.8 Implement ethical management	39		
2-15 Benefit Conflicts	3.1.2 Information on appointment of the Board and the status of operation	36		
	3.1.3 Status of implementation of Board diversity	37		
	3.1.8 Implement ethical management	39		
2-16 Key Major Issues Communication	2.1.1 Corporate sustainability vision and goals	19		
	2.1.2 ESG strategy	20		
	2.2.2 Organizational Structure of the ESG Committee	22		
	3.1 Corporate governance	36~41		
	3.1.2 Information on appointment of the Board and the status of operation	36		
	3.1.3 Status of implementation of Board diversity	37		

GRI Standard	GRI 2: General disclosures for 2021			
Disclosure items	Section	Page number	Descriptions omitted	Remarks
3. Governance				
2-17 Collective Intelligence of the Highest Governance Unit	3.1.2 Information on appointment of the Board and the status of operation 3.1.5 Strengthening the Professional Capabilities of Board Directors 3.1.5 Corporate governance officer	36 38 38		
2-18 Performance assessment of the Highest Governance Unit	3.1.2 Information on appointment of the Board and the status of operation 3.1.4 Status of performance evaluation of committees	36 38		
2-19 Remuneration Policy	3.1.2 Information on appointment of the Board and the status of operation 3.1.7 Responsibilities and Operations of Functional Committees	36 39		
2-20 Remuneration Determination Process	3.1.2 Information on appointment of the Board and the status of operation 3.1.7 Responsibilities and Operations of Functional Committees	36 39		
2-21 Annual Total Remuneration Ratio	3.1.2 Information on appointment of the Board and the status of operation 3.1.7 Responsibilities and Operations of Functional Committees	36 39		
4. Strategy, Policies, and Practices				
2-22 Statement of Sustainable Development Strategy	Message from Management, 2.2 Sustainable Development Policy 3.1.10 Proactively Connecting with the International Community: CDP Climate and Water Leadership	06, 22 41		
2-23 Policy Commitment	2.1 Sustainable Development, 2.1.1 Corporate sustainability vision and goals 2.1.2 Sustainable strategy, 2.2 Sustainable Development Policy 2.4 Identification of Material Topics , 2.4.2 Materiality analysis 4.3.1 Supply chain sustainable development	19, 19 20, 22 26, 27 65		
2-24 Inclusion of Policy Commitment	2.1.2 Sustainable strategy, 2.2 Sustainable Development Policy	20, 22		
2-25 Procedure for remedying negative impacts	2.4.2 Materiality analysis	27		
2-26 Mechanism for Seeking Advice and Raising Concerns	2.1.3 Complaint Mechanism 3.3.3 Internal control	21 47		
2-27 Regulatory Compliance	3.4 Regulatory Compliance	48		
2-28 Membership qualification of cooperatives and associations	4.4 Participation in External Organizations	70		
5. Stakeholder Engagement				
2-29 Stakeholder Engagement Policy	2.3 Identification of Major Stakeholders 2.3.1 Stakeholder communication management and issues of concern	23 24~25		
2-30 Group agreement	6.2.3 Human rights and protection	125~128	Not Applicable	Since the company has continuously maintained good communication with employees through the labor union and labor-management meetings, both parties have not specifically established a collective agreement

GRI 3 Index of Material Topics - Disclosure of A-List, Specific Standard Disclosures and SDGs:

GRI Standard		Disclosure items			Section	Page number	Remarks
3-1		Process for determining material topics			2.4.1 Process for determining material topics	26	
3-2		List of material topics			2.4.3 Changes in material topics	31	
Material Topics	SDGs Sub-target	Disclosure of subject-specific guidelines			Section	Page number	Remarks
Category: Environment							
		GRI 3:2021	3-3	Management of material topics	5.2 Climate Change and Energy Management	77~99	
Climate Change and Energy Management	13.3 7.3	GRI 302: 2016 Energy	302-1	Energy consumption within the organization	5.2.6 Energy management	91~92	
			302-2	External energy consumption of the organization	Information not available/incomplete	--	Difficulties in obtaining external data
			302-3	Energy intensity	5.2.1 Climate Change Management 5.2.6 Energy management	77~78 91~92	
			302-4	Reduction of energy consumption	5.2.8 Energy conservation and carbon education solutions and performance 5.2.9 Energy conservation and carbon reduction equipment improvement solutions	97 98	
			302-5	Reducing the energy demand of products and services	Not Applicable	--	Downstream products are non-energy-consuming products.
		GRI 3:2021	3-3	Management of material topics	5.3 Water Resources Management	100~108	
Water Resources Management	6.4 6.3 6.5 6.b 12.2	GRI 303: 2018 Water and effluents	303-1	Interactions with water as a shared resource	5.3.1 Water management	102~106	
			303-2	Management of water discharge-related impacts	5.3.3 Waste water quality testing	107	
			303-3	Water withdrawal	5.3.1 Water management	102~106	
			303-4	Water discharge	5.3.2 Wastewater discharge management	107	
			303-5	Water consumption	5.3.1 Water management	102~106	
		GRI 3:2021					Follow-up issues
Air pollution control	11.6 3.9	GRI 305: 2016 Emissions	305-1	Direct (Scope 1) greenhouse gas emissions	5.2.7 Greenhouse gas management	93~96	
			305-2	Indirect (Scope 2) greenhouse gas emissions from energy	5.2.7 Greenhouse gas management	93~96	
			305-3	Other Indirect (Scope 3) greenhouse gas emissions from	5.2.7 Greenhouse gas management	93~96	
			305-4	Greenhouse Gas Emission Intensity	5.2.7 Greenhouse gas management	93~96	
			305-5	Reduction of GHG emissions	5.2.8 Energy conservation and carbon education solutions and performance 5.2.9 Energy conservation and carbon reduction equipment improvement solutions	97 98	
			305-6	Emissions of ozone-depleting substances (ODS)	Not Applicable	--	Non-production, imports and exports of ODS
			305-7	Emissions of nitrogen oxides (NOx), sulfur oxides (SOx), and other significant gas emissions.	5.4 Air Pollution Control	109~110	

GRI Standard		Disclosure items				Section	Page number	Remarks
3-1		Process for determining material topics				2.4.1 Process for determining material topics	26	
3-2		List of material topics				2.4.3 Changes in material topics	31	
Material Topics	SDGs Sub-target	Disclosure of subject-specific guidelines				Section	Page number	Remarks
Category: Environment								
Waste Management	12.5 12.4 6.3	GRI 3:2021						Follow-up issues
		GRI 306: 2020 Waste	306-1	Waste generation and significant waste-related impact	5.5 Waste Management	111~113		
			306-2	Management of significant waste-related impact	5.5 Waste Management	111~113		
			306-3	Waste generated	5.5 Waste Management	111~113		
			306-4	Disposal and Transfer of Waste	5.5 Waste Management	111~113		
			306-5	Direct Disposal of Waste	5.5 Waste Management	111~113		
Category: Society								
Talent Attraction and Retention	8.5 4.4 8.2 8.3 8.7 8.8	GRI 3:2021	3-3	Management of material topics	6.2 Talent Attraction and Retention	118~128		
		GRI 401:2016 Labor Relations	401-1	New hires and outgoing employees	6.2.1 Appointment and resignation	118~119		
			401-2	Benefits provided to full-time employees (excluding temporary or part-time employees)	6.2.2 Salary and benefits	120~125		
			401-3	Parental leave	6.2.2 Salary and benefits	120~125		
		GRI 405:2016 Diversity and Equal Opportunity	405-1	Percentage of corporate governance organization members and various types of employees by gender, age group, minority group, and other indicators of diversity	6.1 Manpower Structure	116~117		
			405-2	Ratio of basic salaries and remuneration to women and men by employee category and key operating locations	6.1 Manpower Structure 6.2.2 Salary and benefits	116~117 120~125		
Talent development and cultivation	4.4 8.5 4.5	GRI 3:2021					Follow-up issues	
		GRI 404:2016 Training and Education	404-1	Average hours of training per year per employee	6.3 Talent Development and Cultivation	129~132		
			404-2	Programs improving employees' capabilities and transition assistance	6.2.3 Human rights and protection 6.3 Talent Development and Cultivation	125~128 129~132		
			404-3	Percentage of employees receiving regular performance and career development reviews	6.3 Talent Development and Cultivation	129~132		
Occupational safety and health	3.9 8.8	GRI 3:2021	3-3	Management of material topics	6.4 Safe and Healthy Workplace	133~147		
		GRI 403:2018 Occupational Safety and Health	403-1	Occupational safety and health management system	6.4.1 Occupational safety management	134~137		
			403-2	Hazard identification, risk assessment and incident investigation	6.4.1 Occupational safety management	134~137		
			403-3	Occupational healthcare services	6.4.2 Occupational health management	138~139		
			403-4	Worker participation, consultation, and communication on occupational health and safety	6.4.1 Occupational safety management 6.4.3 Occupational safety and health organizations 6.4.4. Contractor safety management	134~137 140 140~141		

GRI Standard		Disclosure items			Section	Page number	Remarks
3-1		Process for determining material topics			2.4.1 Process for determining material topics	26	
3-2		List of material topics			2.4.3 Changes in material topics	31	
Material Topics	SDGs Sub-target	Disclosure of subject-specific guidelines			Section	Page number	Remarks
Category: Society							
Occupational safety and health	3.9 8.8	GRI 3:2021	3-3	Management of material topics	6.4 Safe and Healthy Workplace	133~147	
		GRI 403:2018 Occupational safety and health	403-5	Worker training on occupational health and safety	6.4.4. Contractor safety management 6.4.5 Emergency response	140~141 141~142	
			403-6	Promotion of worker health	6.4.2 Occupational health management	138~139	
			403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	6.4.6 Process safety management	143~147	
			403-8	Workers covered by an occupational health and safety management system	6.4.1 Occupational safety management	134~137	
			403-9	Work-related injuries	6.4.1 Occupational safety management	134~137	
			403-10	Work-related illness	6.4.1 Occupational safety management	134~137	
Transportation safety	3.6 11.2 11.6	GRI 3:2021					Follow-up issues
		Customize theme		Customize theme	6.5 Transportation Safety Management	148~155	
Category: Economy							
Financial performance	8.2 9.2	GRI 3:2021	3-3	Management of material topics	3.2 Operational Performance	42~44	
		GRI 201:2016 Financial performance	201-1	Direct economic value generated and distributed by the organization	3.2.4 Description of direct economic value generated and distributed by the organization	45	
			201-2	Financial impacts and their risks and opportunities caused by climate change	5.2.4 Strategic and Financial Impacts of Sustainability and Climate Risks	84~87	
			201-3	Defined benefit plans, obligations, and other retirement plans	6.2.2 Salary and benefits	120~125	
			201-4	Financial assistance received from the government	3.2.5 2025 Government subsidies	44	
Technology Research and Development	12.4 9.5 12.5	GRI 3:2021	3-3	Management of material topics	3.5 Technology Research and Development	50~53	
		Customize theme		Customize theme	3.5 Technology Research and Development	50~53	
Intelligent Management	9.4 7.3	GRI 3:2021	3-3	Management of material topics	3.6 Intelligent Management	54~57	
		Customize theme		Customize theme	3.6 Intelligent Management	54~57	
Product quality	12.4 9.4 12.5	GRI 3:2021					Follow-up issues
		Customize theme		Customize theme	4.2 Product Quality	63~64	

GRI Standard		Disclosure items			Section	Page Number	Remarks
3-1		Process for determining material topics			2.4.1 Process for determining material topics	26	
3-2		List of material topics			2.4.3 Changes in material topics	31	
Material Topics	SDGs Sub-target	Disclosure of subject-specific guidelines			Section	Page Number	Remarks
Category: Economy							
Supply chain management	8.7 12.6	GRI 3:2021	3-3	Management of material topics	4.3 Supply chain management	65~69	New material topic
		GRI 308 : 2016	308-1	Use environmental standards to screen new suppliers	4.3.1 Supply chain sustainable development strategy and planning	65	
			308-2	Negative environmental impacts in the supply chain and actions taken	2.4.2 Positive and Negative Impact Factors of Major Topics 4.3.1 Supply chain ESG risk management and implementation status	27~31 65	Supplier social responsibility commitment, Risk management
		GRI 403 : 2018	403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	4.3.1 Supply chain ESG risk management and implementation status	65	Supplier evaluation
		GRI 414 : 2016	414-1	Use social standards to screen new suppliers	4.3.1 Supply chain ESG risk management and implementation status	65	Supplier Social Responsibility Commitment
			414-2	Negative social impacts in the supply chain and actions taken	4.3.1 Supply chain ESG risk management and implementation status	65	Risk Management

7.2 SASB Chemical Industry Index

Refer to the Sustainability Accounting Standards – Chemicals issued by the Sustainability Accounting Standards Board (SASB)

Item	Code	Content of indicators	Unit	2023	2024	2025	Corresponding chapter	Page number
Greenhouse gas Emissions	RT-CH-110a.1	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	(1) Million tonnes CO ₂ e (2) %	(1) 0.1513 (2) 99.97%	(1) 0.1613 (2) 98.94%	(1) 0.1184 (2) 98.60%	5.2.7 Greenhouse gas management	93~96
	RT-CH-110a.2	Discussion of long- and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	n/a	In response to the government's net zero emission policy, CGPC conducts inventory and monitoring of greenhouse gas emissions and holds technical exchange meetings with other affiliates of the Group, so that plants can communicate technologies used and issues faced to achieve sharing and improve the performance of energy conservation and carbon reduction (as shown in the table below).			5.2 Climate Change and Energy Management	77~98
Air quality	RT-CH-120a.1	Air emissions of the following pollutants; NOX; SOX					5.4 Air Pollution Control	109~110
		(1) Nitrogen oxides (excluding N ₂ O)	tonne	79.423	77.199	73.953		
		(2) Sulfur oxides	tonne	1.000	0.106	0.087		
		(3) Volatile organic compounds (VOCs)	tonne	347.395	261.100	263.885		
		(4) Hazardous air pollutants (HAPs)	tonne	31.981	16.358	9.154		
Energy management	RT-CH-130a.1	(1) Total energy consumed	GJ	3,988,900	3,583,022	3,254,484	5.2.6 Energy management	91~92
		(2) Percentage grid electricity	%	26%	27%	27%		
		(3) Percentage renewable	%	-	0.01%	0.21%		
		(4) Total self-generated energy	GJ	6,238	9,137	8,037		
Water management	RT-CH-140a.1	(1) Total water withdrawn,	Thousand cubic metres (m ³), %	2,734.5 · 0%	2,594.9 · 0%	2,608.5 · 0%	5.3 Water Resources Management	100~108
		(2) total water consumed; percentage of each in regions with High or Extremely High Baseline Water Stress.		1,905.8 · 0%	1,792.7 · 0%	1,696.8 · 0%		
	RT-CH-140a.2	Number of incidents of non-compliance associated with water quality permits, standards and regulations.	Number	0	0	0		
	RT-CH-140a.3	Description of water management risks and discussion of strategies and practices to mitigate those risks	--	The entire plant implements monitoring and records daily, monthly, and annual water usage statistics. Internal management continuously executes ISO 46001/14046; external management complies with government-related measures such as water consumption fee reductions. Process improvements are applied to conserve water and enhance water recycling and reuse rates. Aging pipelines are upgraded, regular leak inspections are conducted in water-use areas, and discrepancies in water meter readings are tracked, reviewed, and improvement plans are proposed. According to the results of the water resource risk assessment, each plant is located in areas with low to medium water stress (10%–20%). The company continues to monitor regional water resource changes and manage water use risks.				

Item	Code	Content of indicators	Unit	2023	2024	2025	Corresponding chapter	Page number																							
Hazardous waste management	RT-CH-150a.1	(1) Amount of hazardous waste generated, (2) percentage recycled	(1) tonnes (2) %	(1) 197.95 (2) 69.8%	(1) 170.60 (2) 89.4%	(1) 149.54 (2) 91.4%	5.5 Waste Management	109~111																							
Community relations	RT-CH-210a.1	Discussion of engagement processes to manage risks and opportunities associated with community interests	n/a	CGPC continues to establish communication mechanisms with local communities through local talent recruitment, scholarship programs, community cleaning and maintenance, and health care initiatives, in order to identify potential risks and create win-win opportunities.			6.6 Social Participation	155~169																							
Workforce Health & Safety	RT-CH-320a.1	(1) Total recordable incident rate (TRIR) and	%	0.57%	0%	0.53%	5.1 Environmental Management Policy 6.4 Safe and Healthy Workplace	73~76 133~147																							
		(2) fatality rate for (a) direct employees and (b) contract employees	%	0%	0%	0%																									
	RT-CH-320a.2	Description of efforts to assess, monitor, and reduce exposure of employees and contract workers to long-term (chronic) health risks	n/a	CGPC has implemented the ISO 45001 Occupational Safety and Health Management System, conducting hazard identification and health examinations based on operational environmental risks. The Company has also established control operation guidelines and health promotion measures, with regular monitoring and tracking of chronic exposure risks for both employees and non-employees.																											
Product Design for Use-phase Efficiency	RT-CH-410a.1	Revenue from products designed for use-phase resource efficiency	NT\$ thousand	<table><tr><th>Product Categories</th><th>Benefit Type</th><th>2023 Revenue</th><th>2024 Revenue</th><th>2025 Revenue</th></tr><tr><td>ChromaCool</td><td>Cooling-Driven Energy Efficiency</td><td>5,320</td><td>10,003</td><td>14,515</td></tr><tr><td>4-Way Stretch Leather</td><td>Processing Energy Efficiency</td><td>44,071</td><td>37,886</td><td>40,340</td></tr><tr><td>Jumbo Roll - Agricultural Machinery Vinyl Leather</td><td>Dematerialization & Energy Saving</td><td>6,768</td><td>8,563</td><td>10,832</td></tr><tr><td colspan="2">Total</td><td>56,159</td><td>56,452</td><td>65,688</td></tr></table> Note: ChromaCool lowers surface temperature spikes during the use phase, reducing HVAC or air conditioner. Rapper/Rapper Xtreme enhances seat cushion processing and molding efficiency, reducing labor and energy consumption. Jumbo Roll Headliner reduces packaging weight, transportation energy, and material splicing waste.	Product Categories	Benefit Type	2023 Revenue	2024 Revenue	2025 Revenue	ChromaCool	Cooling-Driven Energy Efficiency	5,320	10,003	14,515	4-Way Stretch Leather	Processing Energy Efficiency	44,071	37,886	40,340	Jumbo Roll - Agricultural Machinery Vinyl Leather	Dematerialization & Energy Saving	6,768	8,563	10,832	Total		56,159	56,452	65,688	3.5 Technology Research and Development	50~53
Product Categories	Benefit Type	2023 Revenue	2024 Revenue	2025 Revenue																											
ChromaCool	Cooling-Driven Energy Efficiency	5,320	10,003	14,515																											
4-Way Stretch Leather	Processing Energy Efficiency	44,071	37,886	40,340																											
Jumbo Roll - Agricultural Machinery Vinyl Leather	Dematerialization & Energy Saving	6,768	8,563	10,832																											
Total		56,159	56,452	65,688																											

Item	Code	Content of indicators	Unit	2023	2024	2025	Corresponding chapter	Page number
Safety & Environmental Stewardship of Chemicals	RT-CH-410b.1	(1) Percentage of products that contain Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Category 1 and 2 Health and Environmental Hazardous Substances,	%	58.28%	61.69%	61.29%	5.1 Environmental Management Policy	73~76
		(2) percentage of such products that have undergone a hazard assessment	%	100%				
	RT-CH-410b.2	Discussion of strategy to (1) manage chemicals of concern and (2) develop alternatives with reduced human or environmental impact	n/a	Hydrochloric acid, liquid caustic soda and bleaching products produced by CGPC are not chemicals of high concern.				
Genetically Modified Organisms	RT-CH-410c.1	Percentage of products by revenue that contain genetically modified organisms (GMOs)	%	No GMO products are produced.			--	
Management of the Legal & Regulatory Environment	RT-CH-530a.1	Discussion of corporate positions related to government regulations or policy proposals that address environmental and social factors affecting the industry	n/a	Check environmental protection/social laws and regulations every month, comply with important government and international environmental protection regulations and promote the ISO 14001 and other management systems to ensure that the Company's daily operations have minimal impact on the community. Conduct active communication to understand employees and local residents and other key stakeholders and then propose solutions for improvement.			5.1 Environmental Management Policy 6.4 Safe and Healthy Workplace	73~76 133~147
Operational Safety, Emergency Preparedness & Response	RT-CH-540a.1	Process Safety Incidents Count (PSIC),	Number	1	0	0	6.4 Safe and Healthy Workplace	133~147
		Process Safety Total Incident Rate (PSTIR),	%	8%	0%	0%		
		and Process Safety Incident Severity Rate (PSISR)	%	0%	0%	0%		
	RT-CH-540a.2	Number of transport incidents	Number	0	0	0		

7.3 Sustainability Disclosure Indicators—Plastic Industry

Number	Content of indicators	Type of indicators	2025 disclosure status				Unit	Corresponding chapter and page number
1	Total energy consumption, percentage of purchased electricity, utilization rate (renewable energy/total energy), and total self-generated and self-use energy	Quantify	(1) Total energy consumption(GJ)	(2) Percentage of purchased electricity(%)	(3) Utilization rate (renewable energy/total energy)(%)	(4) Total self-generated and self-use energy (GJ)	(1) GJ (2) % (3) % (4) GJ	5.2.6 Energy management P. 91~92
			3,254,484	27%	0.21%	470		
2	Total water withdrawn and total water consumption.	Quantify	Total water withdrawn		Total water consumption		Thousand M³	5.3 Water Resources Management P. 100~108
			2,608.5		1,696.8			
3	Total general and hazardous waste generated, and percentage recycled.	Quantify	Total hazardous waste generated (tonnes)		Percentage recycled (%)		(1) tonnes (2) %	5.5 Waste Management P. 111~113
			149.54		91.4%			
4	Number of employees in and rate of occupational accidents.	Quantify	Ratio calculation method: Number of occupational accidents/total number of employees				Person (%)	6.4 Safe and Healthy Workplace P. 133~147
			Item		Descriptions			
			Number of employees in occupational accidents		4			
5	Production by product category.	Quantify	Occupational Accident Rate		0.53%		tonnes	None
			Company		2025 Production Volume (tons)			
			CGPC		185,422			
			TVCM		290,060			
			CGPCP		146,872			

7.4 Implementation Status of Climate-related Information

Number	Item	Implementation Status
1	Governance and Oversight of Climate-Related Risks and Opportunities.	5.2.2 Assessment of Climate-Related Risks and Opportunities
2	Impact of identified climate-related risks and opportunities on business, strategy, and financial planning over the short, medium, and long term.	5.2.3 Sustainability and Climate-Related Risks and Opportunities Reasonably Expected to Affect the Company
3	Financial effects of physical risks (extreme weather events) and transition activities on the entity's financial position and performance.	5.2.4 Strategic Decision-Making and Financial Impacts of Sustainability and Climate-Related Risks and Opportunities
4	The processes used to identify, assess, and manage climate-related risks and how these processes are integrated into the overall risk management system.	5.2.2 Assessment of Climate-Related Risks and Opportunities
5	Assessment of climate resilience using scenario analysis, including descriptions of scenarios, parameters, assumptions, analytical factors, and key financial impacts.	5.2.2 Assessment of Climate-Related Risks and Opportunities
6	Description of transition plans for managing climate-related risks, including metrics and targets used to identify and manage physical and transition risks.	5.2 Climate Change and Energy Management 5.2.1 Climate Change Management 5.2.8 Energy conservation and carbon education solutions and performance
7	The use of internal carbon pricing as a planning tool, including the basis for determining the price.	5.2.4 Strategic Decision-Making and Financial Impacts of Sustainability and Climate-Related Risks and Opportunities
8	If climate-related targets are set, the entity shall disclose the covered activities, GHG emission scopes, planning horizons, and annual progress. If carbon offsets or Renewable Energy Certificates (RECs) are used to achieve these targets, the source and quantity of carbon credits or the quantity of RECs must be specified.	5.2.1 Climate Change Management 5.2.6 Energy management 5.2.8 Energy conservation and carbon education solutions and performance
9	GHG Inventory & Assurance Status.	5.2.7 Greenhouse gas management

Note 1: Please refer to the explanatory notes on [CGPC's consolidated GHG emissions and decarbonization pathway](#).

Note 2: For 2025 GHG Verification Statements, please refer to the following links: [CGPC Main Plant](#), [TCMC Linyuan Plant](#), and [CGPCP Linyuan Plant](#).

Note 3: For greenhouse gas emissions information regarding CGPC's subsidiaries in the 2025 consolidated financial statements, please refer to the [CGPC 2025 Consolidated Greenhouse Gas Assurance Report](#).

Note 4: For 1-1-1 GHG Inventory Information and 1-1-2 GHG Assurance Information, please refer to the next page.

1-1-1 Greenhouse Gas Inventory Information

Describe the greenhouse gas emissions for the last two years (in metric tonnes of CO₂e), emission intensity (metric tonnes of CO₂e per NT\$ million), and the scope of the data.

1. The parent company's individual inventory should start from 2025.
2. The combined financial report subsidiaries should start inventory from 2026.

Greenhouse Gas Emissions Data of CGPC for the last two years:

Year	2024		2025	
	Volume of emissions (tonCO ₂ e)	Intensity (ton CO ₂ e/turnover NT\$1million)	Volume of emissions (tonCO ₂ e)	Intensity (ton CO ₂ e/turnover NT\$1million)
The Company				
Scope 1 (Direct Greenhouse Gas Emissions)	22,463		19,619	
Scope 2 (Indirect Greenhouse Gas Emissions)	68,197		60,741	
Subtotal	90,660		80,360	
The combined financial report subsidiaries	Volume of emissions (CO ₂ e)	Intensity (ton CO ₂ e/turnover NT\$1million)	Volume of emissions (CO ₂ e)	Intensity (ton CO ₂ e/turnover NT\$1million)
Scope 1 (Direct Greenhouse Gas Emissions)	113,793		98,763	
Scope 2 (Indirect Greenhouse Gas Emissions)	78,335		92,429	
Subtotal	192,128		191,192	
Total	282,788	25.51	271,552	29.45

Note 1: The inventory calculations for 2024 and 2025 are conducted using the ISO 14064-1:2018 standard.

Note 2: For the years 2024 and 2025, if the carbon emissions of the audited sites account for less than 5% of total emissions and there are no significant operational changes, the emission data from the first year (2023) will be used for calculation. Applicable sites include the CGPC and TVCM Taipei Office, GGTC and CGPC America Corporation, CGPC (Zhongshan) Co., Ltd. CGPC (BVI) Holding Co., Ltd.

Note 3: This table is prepared based on the content of the 2025 Sustainability Report. The report is scheduled to be released by the end of August 2026. The relevant content is still being finalized and confirmed. Any subsequent adjustments will be subject to the officially published Sustainability Report.

Note 4: For additional information, please refer to the explanatory notes in "[CGPC's Consolidated Greenhouse Gas Emissions and Carbon Reduction Pathway](#)".

1-1-2 Greenhouse Gas Confirmation Information

Description of the most recent two-year assurance situation as of the printing date of the annual report, including the scope of the assurance, the assurance organization, the assurance criteria, and the opinion of the assurance.

1. The parent company's individual assurance should start from 2027.
2. The combined financial report subsidiaries should start assurance from 2028.

The greenhouse gas inventories of the company and all subsidiaries included in the consolidated financial statements (including CGPCP, TVCM, GGTC, CGPC America Corporation, CGPC (BVI) Holding Co., Ltd., and CGPC (Zhongshan) Co., Ltd.) have undergone assurance in the past two years. The execution status is explained as follows:

Scope of Assurance of Implementation		2024 Volume of emissions (tonCO ₂ e)	2025 Volume of Emissions (tonCO ₂ e)
The Company	(Scope 1) Volume of direct greenhouse gas emission	22,463	19,619
	(Scope 2) Volume of indirect greenhouse gas emission	68,197	60,741
	Total	90,660	80,360
	Percentage of the Inventory data disclosed in the aforementioned 1-1-1.	100%	100%
All subsidiaries in the consolidated financial report	(Scope 1) Volume of direct greenhouse gas emission	113,795	98,763
	(Scope 2) Volume of indirect greenhouse gas emission	77,649	92,429
	Total	191,444	191,192
	Percentage of the Inventory data disclosed in the aforementioned 1-1-1.	100%	100%
The assurance organization		Ernst & Young, Taipei, Taiwan, Republic of China	Ernst & Young, Taipei, Taiwan, Republic of China
Explanation of the assurance situation		Limited Assurance No. 3410	Limited Assurance No. 3410
Confirmation/Conclusion		Unmodified conclusion	Unmodified conclusion

Note 1: Starting from 2024, all subsidiaries included in CGPC's consolidated financial statements adopt ISO 14064-1:2018 for assurance.

7.5 Climate-Related Risks and Opportunities Disclosure Index

To strengthen climate risk management and align with international standards, the Company systematically identifies and discloses climate-related risks and opportunities based on the IFRS S2 framework. We further evaluate their potential impacts on our operations, strategy, and financial planning. The core disclosure matters, covering "Governance," "Strategy," "Risk Management," and "Metrics and Targets," are consolidated into the appendix table using the Company as the reporting entity. This facilitates stakeholders' understanding of our management actions and the extent of impact regarding climate change.

Aspect	Disclosure Description	Section	Page number
Governance	A. Governance Body's Role in Climate Governance	5.2.2 Assessment of Climate-Related Risks and Opportunities	79
	B. Management's Role in Climate Governance	5.2.2 Assessment of Climate-Related Risks and Opportunities	79
Strategy	A. Climate-related Risks and Opportunities Affecting Prospects	5.2.3 Sustainability and Climate-Related Risks and Opportunities Reasonably Expected to Affect the Company	82
	B. Impacts on Business Model and Value Chain	5.2.3 Sustainability and Climate-Related Risks and Opportunities Reasonably Expected to Affect the Company	82
	C. Impacts on Strategy and Decision-Making	5.2.4 Strategic Decision-Making and Financial Impacts of Sustainability and Climate-Related Risks and Opportunities	84
	D. Impacts on Financial Position, Performance, and Cash Flows	5.2.4 Strategic Decision-Making and Financial Impacts of Sustainability and Climate-Related Risks and Opportunities	84
	E. Climate Resilience and Scenario Analysis	5.2.4 Strategic Decision-Making and Financial Impacts of Sustainability and Climate-Related Risks and Opportunities	84
Risk Management	Processes for Identifying, Assessing, Prioritizing, and Monitoring Climate-Related Risks and Opportunities, and Their Integration into the Overall Risk Management System.	5.2.2 Assessment of Climate-Related Risks and Opportunities	79
Metrics and Targets	A. Information relevant to cross-industry metric categories (Climate-related metrics)	3.1.7 Responsibilities and Operations of Functional Committees	39
		5.2.4 Strategic Decision-Making and Financial Impacts of Sustainability and Climate-Related Risks and Opportunities	84
		5.2.7 Greenhouse gas management	93
	B. Industry-based metrics information	7.2 SASB Chemical Industry Index	177
	C. Climate-Related Targets for Risks and Opportunities	5.2.1 Climate Change Management	79
		5.2.8 Energy conservation and carbon education solutions and performance	97

7.6 List of Terminology

A

AA 1000 SES	Stakeholder Engagement Standards
AIoT	Artificial Intelligence of Things
AOI	Automated Optical Inspection

B

BCP	Business Continuity Plan
BIS	Bureau of Indian Standards

C

CBAM	Carbon Border Adjustment Mechanism
CDP	CDP (formerly Carbon Disclosure Project)
CGA	CGPC America Corporation
CGPC	China General Plastics Corporation
CGPC(BVI)	CGPC (BVI) Holding Co., Ltd.
CGPCP	CGPC Polymer Corporation
CGPC(ZS)	China General Plastics (Zhong Shan) Co., Ltd.
CMMS	Computerized Maintenance Management System
COD	Chemical Oxygen Demand
CPSIA	Consumer Product Safety Improvement Act

D

DNV	Det Norske Veritas
Double Materiality	Double Materiality

E

EAP	Employee Assistance Program
EDC	Ethylene Dichloride
EN 13306	Maintenance terminology
ENCORE	Exploring Natural Capital Opportunities, Risks and Exposure
ERP	Enterprise Resource Planning
ESG	Environmental, Social, and Governance
EY	Ernst & Young

F

F.R. / S.R.	Frequency Rate / Severity Rate
F.S.I.	Fatal Severity Index / Combined Injury Index
FMECA	Failure Mode, Effects and Criticality Analysis
FSB	Financial Stability Board

G

GDPR	General Data Protection Regulation
GGTC	Global Green Technology Corporation
GHG Protocol	Greenhouse Gas Protocol
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
GRI	Global Reporting Initiative

H	
HAPs	Hazardous Air Pollutants
HAZOP	Hazard and Operability Study
HBf	Hydraulic Belt Filter (Recycling System)

I	
IATF 16949	International Standard for Automotive Quality Management Systems
IFRS	International Financial Reporting Standards
ILI	In-Line Inspection
IPCC	Intergovernmental Panel on Climate Change Sixth Assessment Report
ISO 14001	Environmental Management Systems
ISO 14021	Environmental labels and declarations-Self-declared environmental claims
ISO 14046	Environmental management-Water footprint
ISO 14064-1	Greenhouse gases-Part 1
ISO 14067	Carbon footprint of products
ISO 14224	Petroleum, petrochemical and natural gas industries data collection
ISO 15848	Industrial valves-Measurement, test and qualification procedures for fugitive emissions
ISO 27001	Information Security Management Systems
ISO 45001	Occupational Health and Safety Management Systems
ISO 46001	Water efficiency management systems

I	
ISO 50001	Energy Management Systems
ISO 55000	Asset Management
ISO 9001	Quality Management Systems

L	
LCA	Life Cycle Assessment
LDS	Leak Detection System
LEAP	Locate, Evaluate, Assess, Prepare
LOPA	Layer of Protection Analysis
LTIFR	Lost Time Injury Frequency Rate

M	
MEK	Methyl Ethyl Ketone
MFA	Multi-Factor Authentication

N	
NOx	Nitrogen Oxides
NZE	Net Zero Emissions by 2050 Scenario

P	
PDCA	Plan-Do-Check-Act
PEMFC	Proton Exchange Membrane Fuel Cell
PHA	Process Hazard Analysis

P

PSIC	Process Safety Incident Count
PSISR	Process Safety Incident Severity
PSM	Process Safety Management
PSMS	Pipeline Safety Management Systems
PSTIR	Process Safety Total Incident Rate
PVC	Polyvinyl Chloride

R

RAGAGEP	Recognized And Generally Accepted Good Engineering Practices
RBI	Risk Based Inspection
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RoHS	Restriction of Hazardous Substances

S

SASB	Sustainability Accounting Standards Board
SCE	Safety Critical Elements
SDGs	Sustainable Development Goals
SGS	Société Générale de Surveillance
SOx	Sulfur Oxides
SS	Suspended Solids
SSP / RCP	Shared Socioeconomic Pathways / Representative Concentration Pathways

S

STEPS	Stated Policies Scenario
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T

TCFD	Task Force on Climate-related Financial Disclosures
TCSA	Taiwan Corporate Sustainability Awards
TNFD	Taskforce on Nature-related Financial Disclosures
TPO / POE	Thermoplastic Polyolefin / Polyolefin Elastomer
TPU	Thermoplastic Polyurethane
TRCA	Taiwan Responsible Care Association
TRIR	Total Recordable Incident Rate
TSAA	Taiwan Sustainability Action Awards
TSP	Total Suspended Particulates
TTQS	Talent Quality-management System
TVCM	Taiwan VCM Corporation

U

USIG	USI Group
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V

VCM	Vinyl Chloride Monomer
VOCs	Volatile Organic Compounds

7.7 Third Party Assurance Report (GRI 2-5)

Deloitte.

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INDEPENDENT AUDITORS' LIMITED ASSURANCE REPORT

China General Plastics Corporation

We have undertaken a limited assurance engagement on the selected performance indicators in the Sustainability Report ("the Report") of China General Plastics Corporation ("the Company") for the year ended December 31, 2025.

Subject Matter Information and Applicable Criteria

See Appendix for the Company's selected performance indicators ("the Subject Matter Information") and applicable criteria.

Responsibilities of Management

The management of the Company is responsible for the preparation of the Subject Matter Information in accordance with Taiwan Stock Exchange Corporation Rules Governing the Preparation and Filing of Sustainability Reports by TWSE Listed Companies, Universal Standards, Sector Standards and Topic Standards published by the Global Reporting Initiative (GRI) and SASB Standards published by the Sustainability Accounting Standards Board (SASB), and for such internal control as management determines is necessary to enable the preparation of the Subject Matter Information that is free from material misstatement resulting from fraud or error.

Auditors' Responsibilities

Our responsibility is to plan and conduct our limited assurance engagement in accordance with Standard on Assurance Engagement 3000 "Assurance Engagements Other than Audits or Reviews of Historical Financial Information" issued by the Accounting Research and Development Foundation of the Republic of China to issue a limited assurance report on whether the Subject Matter Information (see Appendix) is free from material misstatement. The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than, those performed in a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than that obtained in a reasonable assurance engagement.

We planned and performed the assurance procedures based on our professional judgment to obtain limited assurance evidence regarding the Subject Matter Information. Because of the inherent limitations of any internal control, there is an unavoidable risk that even some material misstatements may remain undetected. The procedures we performed included, but were not limited to:

- Making inquiries of management and the personnel responsible for the Subject Matter Information to obtain an understanding of the policies, procedures, internal control, and information system relevant to the Subject Matter Information to identify areas where a material misstatement of the subject matter information is likely to arise.

- 1 -

- Selecting sample items from the Subject Matter Information and performing procedures such as inspection, recalculation, and observation to obtain evidence supporting limited assurance.

Inherent Limitations

Many items of the Subject Matter Information are non-financial in nature and are subject to greater inherent limitations than financial information. Interpretations regarding the relevance, materiality and accuracy of such information may involve significant management judgments, assumptions and interpretations, and different stakeholders may interpret such information differently.

Independence and Quality Control

We have complied with the independence and other ethical requirements of the Norm of Professional Ethics for Certified Public Accountant in the Republic of China, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behavior.

The firm applies Standard on Quality Management 1 "Quality Management for Public Accounting Firms" issued by the Accounting Research and Development Foundation of the Republic of China, which requires the firm to design, implement and operate a system of quality management including policies or procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements.

Conclusion

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that causes us to believe that the Subject Matter Information is not prepared, in all material respects, in accordance with the applicable criteria.

Other Matters

We shall not be responsible for conducting any further assurance work for any change of the Subject Matter Information or the applicable criteria after the issuance date of this report.

The engagement partner on the limited assurance report is I-Ching Liu.

I-Ching Liu

Deloitte & Touche
Taipei, Taiwan
Republic of China

August 4, 2026

Notice to Readers

For the convenience of readers, the independent auditors' limited assurance report and the accompanying summary of subject matter information have been translated into English from the original Chinese version prepared and used in the Republic of China. If there is any conflict between the English version and the original Chinese version or any difference in the interpretation of the two versions, the Chinese-language independent auditors' limited assurance report and summary of subject matter information shall prevail.

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APPENDIX

SUMMARY OF SUBJECT MATTER INFORMATION

#	Subject Matter Information	Corresponding Section	Disclosures	Applicable Criteria
1.	CGPC (Main plant), TVCM (Linyuan plant) and CGPCP (Linyuan plant): In 2025, the total energy consumption was 3,254,484 GJ, the percentage of energy consumption from grid was 27%, the percentage of renewable energy use was 0.21%, and energy generated in-house was 8,037 GJ.	5.2.6 Energy Management 7.2 SASB Chemical Industry Index	Total energy consumption, percentage of energy consumption from grid, percentage of renewable energy use, and energy generated in-house	SASB RT-CH-130a.1 Energy management
2.	CGPC (Main plant), TVCM (Linyuan plant) and CGPCP (Linyuan plant): In 2025, total water withdrawn was 2,608.5 thousand m ³ , and total water consumption was 1,696.8 thousand m ³ . The percentage of each in regions with “High” or “Extremely High” Baseline Water Stress was 0%.	5.3 Water Resources Management 7.2 SASB Chemical Industry Index	Total water withdrawn and total water consumed, and the percentage of each in regions with “High” or “Extremely High” Baseline Water Stress.	SASB RT-CH-140a.1 Water management
3.	CGPC (Main plant), TVCM (Linyuan plant) and CGPCP (Linyuan plant): In 2025, total hazardous waste generated was 149.54 tonnes, and the percentage recycled was 91.4%.	5.5 Waste Management 7.2 SASB Chemical Industry Index	Total hazardous waste generated, and percentage recycled	SASB RT-CH-150a.1 Hazardous waste management
4.	CGPC (Main plant), TVCM (Linyuan plant) and CGPCP (Linyuan plant): In 2025, total recordable incident rate and fatality rate for direct employees and contract employees were 0.53% and 0%, respectively.	5.1 Environmental Management Policy 6.4 Safe and Healthy Workplace 7.2 SASB Chemical Industry Index	Total recordable incident rate and fatality rate for direct employees and contract employees	SASB RT-CH-320a.1 Occupational health and safety
5.	CGPC (Main plant), TVCM (Linyuan plant) and CGPCP (Linyuan plant): In 2025, emissions of the air pollutants were as follows, nitrogen oxides (NOx) 73.953 tonnes, sulfur oxides (SOx) 0.087 tonnes, volatile organic compounds (VOCs) 263.885 tonnes and hazardous air pollutants (HAPs) 9.154 tonnes.	5.4 Air Pollution Control 7.2 SASB Chemical Industry Index	Nitrogen oxides (NOx) excluding nitrous oxide (N ₂ O), sulfur oxides (SOx), volatile organic compounds (VOCs) and hazardous air pollutants (HAPs).	SASB RT-CH-120a.1 Air quality