

CH6 Appendices

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6.1 GRI content index

Statement of use	Asia Polymer Corporation has reported in accordance with the GRI Standards for the period from 1 January 2022 to 31 December 2022
GRI 1 used	GRI 1: Foundation 2021

GRI 2: General Disclosures 2021				
Disclosure Item			Page	Remarks
The organization and its reporting practices	2-1	Organizational details	<u>12</u>	
	2-2	Entities included in the organization's sustainability reporting	<u>3</u>	
	2-3	Reporting period, frequency and contact point	<u>3</u> 、 <u>4</u>	
	2-4	Restatements of information	<u>3</u>	
	2-5	External assurance	<u>3</u> 、 <u>126</u>	
Activities and workers	2-6	Activities, value chain and other business relationships	<u>14</u> 、 <u>52</u>	No significant change.
	2-7	Employees	<u>80</u>	
	2-8	Workers who are not employees	<u>12</u> 、 <u>98</u>	
Governance	2-9	Governance structure and composition	<u>25</u> 、 <u>31</u>	
	2-10	Nomination and selection of the highest governance body	<u>25</u> 、 <u>26</u>	
	2-11	Chair of the highest governance body	<u>25</u> 、 <u>28</u>	
	2-12	Role of the highest governance body in overseeing the management of impacts	<u>26</u>	
	2-13	Delegation of responsibility for managing impacts	<u>25</u>	
	2-14	Role of the highest governance body in sustainability reporting	<u>32</u>	
	2-15	Conflicts of interest	<u>28</u>	

GRI 2: General Disclosures 2021				
	Disclosure Item		Page	Remarks
Governance	2-16	Communication of critical concerns	<u>26</u>	
	2-17	Collective knowledge of the highest governance body	<u>26</u> 、 <u>27</u>	
	2-18	Evaluation of the performance of the highest governance body	<u>29</u>	
	2-19	Remuneration policies	<u>31</u>	
	2-20	Process to determine remuneration	<u>31</u>	
	2-21	Annual total compensation ratio	<u>31</u>	
Strategy, policies and practices	2-22	Statement on sustainable development strategy	<u>5</u>	
	2-23	Policy commitments	<u>8</u> 、 <u>43</u> 、 <u>53</u> 、 <u>66</u>	
	2-24	Embedding policy commitments	<u>9</u> 、 <u>44</u> 、 <u>54</u> 、 <u>66</u>	
	2-25	Processes to remediate negative impacts	<u>43</u>	
	2-26	Mechanisms for seeking advice and raising concerns	<u>43</u>	
	2-27	Compliance with laws and regulations	<u>40</u>	
	2-28	Membership of associations	<u>15</u>	
Stakeholder engagement	2-29	Approach to stakeholder engagement	<u>16 - 18</u>	
	2-30	Collective bargaining agreements	<u>91</u>	Description: As we maintain sound communication with employees through the labor union and labor-management meeting, no collective bargaining agreement has been concluded.

Topic-specific disclosures					
Material Topics	Management approach and disclosures			Page	Remarks
Category: Governance					
Economic performance	GRI 3: Management Approach 2021	3-1	Process to determine material topics	<u>19</u>	
		3-2	List of material topics	<u>20</u>	
		3-3	Management of material topics	<u>35</u>	
	GRI 201: Economic Performance 2016	201-1	Direct economic value generated and distributed	<u>36</u> - <u>47</u>	
		201-2	Financial implications and other risks and opportunities due to climate change	<u>67</u> - <u>69</u>	
		201-3	Defined benefit plan obligations and other retirement plans	<u>89</u>	
		201-4	Financial assistance received from government	<u>38</u>	
Technology R&D	GRI 3: Management Approach 2021	3-1	Process to determine material topics	<u>19</u>	
		3-2	List of material topics	<u>20</u>	
		3-3	Management of material topics	<u>46</u>	
	Non-GRI Standards topic, APC specific topic			<u>46</u>	
SCM	GRI 3: Management Approach 2021	3-1	Process to determine material topics	<u>19</u>	
		3-2	List of material topics	<u>20</u>	
		3-3	Management of material topics	<u>52</u>	
	GRI 308: Supplier Environmental Assessment 2016	308-1	New suppliers that were screened using environmental criteria	<u>55</u>	
		308-2	Negative environmental impacts in the supply chain and actions taken	<u>54</u>	
	GRI 414: Supplier Social Assessment 2016	414-1	New suppliers that were screened using social criteria	<u>55</u>	
		414-2	Negative social impacts in the supply chain and actions taken	<u>54</u>	

Topic-specific disclosures					
Material Topics	Management approach and disclosures			Page	Remarks
Category: Environmental					
Raw material management	GRI 3: Management Approach 2021	3-1	Process to determine material topics	<u>19</u>	
		3-2	List of material topics	<u>20</u>	
		3-3	Management of material topics	<u>60</u>	
	GRI 301: Materials 2016	301-1	Materials used by weight or volume	<u>61</u>	
		301-2	Recycled input materials used	<u>61</u>	
		301-3	Reclaimed products and their packaging materials	<u>61</u>	
Climate change and energy management	GRI 3: Management Approach 2021	3-1	Process to determine material topics	<u>19</u>	
		3-2	List of material topics	<u>20</u>	
		3-3	Management of material topics	<u>65</u>	
	GRI 302: Energy 2016	302-1	Energy consumption within the organization	<u>72</u>	
		302-2	Energy consumption outside of the organization	NA	Unable to conduct supply chain energy inventory.
		302-3	Energy intensity	<u>72</u>	
		302-4	Reduction of energy consumption	<u>74</u>	
		302-5	Reductions in energy requirements of products and services	NA	Our products do not consume energy throughout the product life cycle.
Water resources management	GRI 3: Management Approach 2021	3-1	Process to determine material topics	<u>19</u>	
		3-2	List of material topics	<u>20</u>	
		3-3	Management of material topics	<u>62</u>	
	GRI 303: Water and Effluents 2018	303-1	Interactions with water as a shared resource	<u>63</u>	
		303-2	Management of water discharge-related impacts	<u>64</u>	
		303-3	Water withdrawal	<u>63</u>	

Topic-specific disclosures						
Material Topics		Management approach and disclosures			Page	Remarks
Category: Environmental						
Water resources management	GRI 303: Water and Effluents 2018	303-4	Water discharge	<u>63</u>		
		303-5	Water consumption	<u>63</u>		
Air pollution control	GRI 3: Management Approach 2021	3-1	Process to determine material topics	<u>19</u>		
		3-2	List of material topics	<u>20</u>		
		3-3	Management of material topics	<u>76</u>		
	GRI 305: Emissions 2016	305-1	Direct (Scope 1) GHG emissions	<u>73</u>		
		305-2	Energy indirect (Scope 2) GHG emissions	<u>73</u>		
		305-3	Other indirect (Scope 3) GHG emissions	<u>74</u>		
		305-4	Greenhouse gas (GHG) emissions intensity.	<u>73</u>		
		305-5	Reduction of GHG emissions	<u>74</u>		
		305-6	Emissions of ozone-depleting substances (ODS)	<u>77</u>		
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	<u>77</u>				
Category: Social						
Talent attraction and retention	GRI 3: Management Approach 2021	3-1	Process to determine material topics	<u>19</u>		
		3-2	List of material topics	<u>20</u>		
		3-3	Management of material topics	<u>82</u>		
	GRI 401: Employment 2016	401-1	New employee hires and employee turnover	<u>83</u> 、 <u>84</u>		
		401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	<u>89</u>		
		401-3	Parental leave	<u>90</u>		

Topic-specific disclosures						
Material Topics	Management approach and disclosures				Page	Remarks
Category: Social						
OH&S	GRI 3: Material Topics 2021	3-1	Process to determine material topics		<u>19</u>	
		3-2	List of material topics		<u>20</u>	
		3-3	Management of material topics		<u>92</u>	
	GRI 403: Occupational health and safety 2018	403-1	Occupational health and safety management system		<u>93</u>	
		403-2	Hazard identification, risk assessment, and incident investigation		<u>94</u> - <u>95</u>	
		403-3	Occupational health services		<u>96</u>	
		403-4	Worker participation, consultation, and communication on occupational health and safety		<u>97</u>	
		403-5	Worker training on occupational health and safety		<u>97</u>	
		403-6	Promotion of worker health		<u>96</u>	
		403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships		<u>98</u>	
		403-8	Workers covered by an occupational health and safety management system		<u>99</u>	
		403-9	Work-related injuries		<u>99</u>	
PSM	GRI 3: Material Topics 2021	3-1	Process to determine material topics		<u>99</u>	
		3-2	List of material topics		<u>19</u>	
		3-3	Management of material topics		<u>20</u>	
	Non-GRI Standards topic, APC specific topic				<u>102</u>	

6.2 SDGs content index

Material Topics	SDG Target		Page	Corresponding Section
Governance				
Economic performance	SDG 8.2	Achieve higher levels of economic productivity through innovation.	<u>35</u>	2.2 Economic performance
Technology R&D	SDG 9.5	Increase R&D expenditure.	<u>46</u>	3.1 Technology R&D
SCM	—	NA	<u>52</u>	3.3 Supply chain management
Environment				
Raw material management	SDG 12.5	Reduce resource consumption through recycling and reuse	<u>60</u>	4.1 Resources management
Water resources management	SDG 6.5	Implement integrated water resources management, control effluent quality, recycle and reuse effluents, and enhance water efficient.	<u>62</u>	
Climate change and energy management	SDG 7.3	Enhance energy efficiency.	<u>65</u>	4.2 Climate change and energy management
	SDG 7.a	Increase access to clean energy and technology		
	SDG 13.3	Risks due to climate change and response		
Air pollution control	SDG 11.6	Reduce hazardous substances in the environment	<u>76</u>	4.3 Emissions management
Social				
Talent attraction and retention	SDG 3.7	Reproductive health-care services	<u>80</u> 、 <u>82</u>	5.1 Talent selection 5.2 Talent development
	SDG 8.5	Equal pay for work of equal value		
	SDG 8.7	Elimination child labour and eradicate forced labour		
OH&S	SDG 3.d	Management capability of health risks	<u>92</u>	5.3 Healthy workplace
	SDG 8.8	Protect labour rights and interests		
PSM	SDG 3.9	Reduce the number of deaths and illnesses from hazardous chemicals and air pollution and contamination	<u>102</u>	5.3 Healthy workplace

6.3 Chemical industry SASB index

Code	Disclosure Item	Performance and Description	Corresponding Section (material issues)	Page
Topic: Greenhouse Gas Emissions				
RT-CH-110a.1	Gross global Scope 1 emissions (tCO ₂ e), percentage covered under emissions-limiting regulations (%)	The Scope 1 GHG emissions in 2022 were 10,444tCO ₂ e, accounting for 9.33%	4.2 Climate change and energy management	<u>73</u>
RT-CH-110a.2	Discussion of strategy or plan to manage Scope 1 emissions, emissions reduction targets and an analysis of performance against those targets	Established the “process system ethylene recovery”, “offsite ethylene underground pipelines vacation for ethylene recovery” to reclaim ethylene from the production lines and pipelines to reduce discharge to the RTO for incineration so as to reduce GHG emissions.	4.3 Emissions management (air pollution control)	<u>77</u>
Topic: Air Quality				
RT-CH-120a.1	Air emissions of the following pollutants: (1) NO _x ; (2) SO _x ; (3) volatile organic compounds (VOCs); (4) hazardous air pollutants (HAPs)	2022 air pollutant emissions: (1) NO _x : 6.0MT (2) SO _x : 1.8MT (3) VOCs: 32.4MT (4) HAPs: 0.653MT (VAM)	4.3 Emissions management (air pollution control)	<u>77</u>
Topic: Energy Management				
RT-CH-130a.1	(1) Total energy consumed (GJ); (2) Percentage grid electricity (%); (3) Percentage renewable (%); (4) Total self-generated energy (GJ)	2022 (1) Total energy consumed: 810,100 GJ ; (2) Electricity consumed: 692,263 GJ , accounting for 85.5% (3) Percentage renewable: 0% (4) Self-generated energy (solar): 2,150 GJ	4.2 Climate change and energy management	<u>72</u>
Topic: Water Management				
RT-CH-140a.1	(1) Total water withdrawn (2) Total water consumed (3) Percentage of each in regions with high or extremely high baseline water stress and the proportion of (1) and (2)	2022 (1)Total water withdrawn: 494,813 M3 ; (2) Total water consumed: 317,729 M3 ; (3) Use of the water risk assessment tool of the World Resources Institute (WRI) Linyuan is not location in regions with High or Extremely High Baseline Water Stress	4.1 Resource management (water management)	<u>63</u>
RT-CH-140a.2	Number of incidents of non-compliance associated with water quality permits, standards and regulations	In 2022 the results of all water quality test items fell within the limit, and there was no illegal discharge.	4.1 Resource management (water management)	<u>64</u>
RT-CH-140a.3	Description of water management risks and discussion of strategies and practices to mitigate those risks	Consider using the recycled water from the government’s wastewater recycling plants for in-house consumption to support the government’s wastewater recycling policy so as to achieve the win-win advantage for the public and private sectors.	4.1 Resource management (water management)	<u>64</u>
Topic: Hazardous Waste Management				
RT-CH-150a.1	Amount of hazardous waste generated, percentage recycled	Commission EPA-accredited contractors to make proper disposal. There was no hazardous waste generated in 2022.	4.2 Climate change and energy management	<u>78</u>

Code	Disclosure Item	Performance and Description	Corresponding Section (material issues)	Page
Topic: Workforce Health & Safety				
RT-CH-320a.1	(1) Total recordable incident rate (TRIR) formula: (Number of accidents x 200,000)/Total hours worked; (2) Fatality rate for (a) direct employees and (b) contract employees	The 2022 TRIR was zero; and fatality rate for (a) direct employees and (b) contract employees was also zero.	5.3 Healthy workplace (occupational health and safety)	<u>99</u>
RT-CH-320a.2	Description of efforts to assess, monitor and reduce exposure of employees and contract workers to long-term (chronic) health risks	Linyuan Plant arranged four sessions of health checkups for a total of 210 employees in August 2022 and implemented special health checkups and graded management. The results show that there was neither occupational accident nor health hazard, and all employees needed grades 1 and 2 health management based on the health checkup results.	5.3 Healthy workplace (occupational health and safety)	<u>96</u>
Topic: Safety & Environmental Stewardship of Chemicals				
RT-CH-410b.1	(1) Percentage of products that contain Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Category 1 and 2 Health and Environmental Hazardous Substances, (2) percentage of such products that have undergone a hazard assessment	All APC products comply with the relevant legal and regulatory requirements and contain no Health and Environmental Hazardous Substances as categorized in the Globally Harmonized System (GHS).	3.1 Technology R&D	<u>51</u>
RT-CH-410b.2	Discussion of strategy to manage chemicals of concern and develop alternatives with reduced human and/or environmental impact	We consider the legal and regulatory requirements such as FDA, CNS, JIS, and RoHS right from the feasibility assessment of product development to ensure compliance with the standards, regulations, and laws governing human health and environmental impact.	3.1 Technology R&D	<u>48</u>
Topic: Genetically Modified Organisms				
RT-CH-410c.1	Percentage of products by revenue that contain genetically modified organisms (GMOs)	We produce plastic materials that contain no GMOs.	N/A	—
Topic: Management of Legal & Regulatory Environment				
RT-CH-530a.1	Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry	In the routine operations, we concern ourselves with and gather the information of the establishment of and amendment to environmental, social, and governance laws and regulations in relation to corporate governance, workers' human rights, environmental protection, and OH&S at all times; identify the compliance of the relevant laws and regulations of our operations; revise the relevant documents; and implement risk management or regulatory implementation.	2.3 Risk management (Legal compliance) (non-material issue)	<u>40</u>
Topic: Operational Safety, Emergency Preparedness & Response				
RT-CH-540a.1	Total count of process safety incidents (PSIC), process safety total incident rate (PSTIR), process safety incident severity rate (PSISR)	2022 PSIC: 1 count, PSTIR: 0.36%, PSISR: 0.36%	5.3 Healthy workplace (PSM)	<u>104</u>
RT-CH-540a.2	Number of transport incidents	There was no transport incident in 2022.	5.3 Healthy workplace (PSM)	<u>104</u>

6.4 Sustainability disclosure metrics — Plastics Industry

No.	Unit of Measure	Category	Annual Disclosure	Unit	Corresponding Section	Page
1	Total energy consumed, percentage grid electricity, percentage renewable, total self-generated energy	Quantitative	(1) Total energy consumed: 810,100 (2) Percentage grid electricity: 85.5 (3) Percentage renewable: 0 (4) Total capacity of self-generation (solar): 0	Gigajoules (GJ) Percentage (%) Percentage (%) GJ	4.2 Climate change and energy management	<u>72</u>
2	Total water withdrawn and total water consumed	Quantitative	(1) Total water withdrawn: 494,813 (2) Total water consumed: 317,729	Thousand cubic meters (m ³)	4.1 Resources management	<u>63</u>
3	Amount of hazardous waste generated, percentage recycled	Quantitative	(1) Amount of hazardous waste generated: 0 (2) Percentage recycled: N/A	MT (%)	4.3 Emissions management	<u>78</u>
4	Number of employees in and rate of occupational accidents	Quantitative	(1) Number of employees in occupational accidents: 0 (2) Rate of occupational accidents: 0	Persons (%)	5.3 Healthy workplace	<u>92</u> 、 <u>99</u> 、 <u>101</u>
5	Volume of major products by category	Quantitative	Total output of low density polyethylene (LDPE) and ethylene vinyl acetate copolymer resin (EVA): 130,120	MT	1.2 Our value chain	<u>14</u>


6.5 Climate-related financial disclosures

No.	Item	Implementation Status																								
1	Describe the board’s oversight of climate-related risks and opportunities.	The ESG Committee supervised by the Board is the highest governance body of climate change management chaired by independent directors, it report the climate change implementation planning and performance to the Board every year. The Operations Management Meeting is held monthly and chaired by the Board Chairperson to report the planning and results of material energy conservation and carbon reduction plans.																								
2	Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	<p>Based on the likelihood and impact of climate-related risks and opportunities, we identified 5 major climate-related risks and 4 major climate-related opportunities and assessed the duration of impact and potential financial impacts as tabulated below:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Related Item</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Physical risk</td> <td>Increased severity of extreme weather events</td> <td>Medium-term (3-5 years)</td> </tr> <tr> <td>Changes in precipitation patterns and extreme variability in weather patterns</td> <td>Medium-term (3-5 years)</td> </tr> <tr> <td>Sea level rises</td> <td>Long-term (>5 years)</td> </tr> <tr> <td rowspan="2">Transition risk</td> <td>Enhance GHG Emission Pricing</td> <td>Medium-term (3-5 years)</td> </tr> <tr> <td>Raw material cost rises</td> <td>Long-term (>5 years)</td> </tr> <tr> <td rowspan="4">Opportunity</td> <td>Participation in renewables projects and adoption of energy conservation measures</td> <td>Short-term (<3 years)</td> </tr> <tr> <td>Alternative energy and energy diversification</td> <td>Medium-term (3-5 years)</td> </tr> <tr> <td>Participation in carbon trade</td> <td>Medium-term (3-5 years)</td> </tr> <tr> <td>Use low-carbon energy</td> <td>Long-term (>5 years)</td> </tr> </tbody> </table>	Type	Related Item	Duration	Physical risk	Increased severity of extreme weather events	Medium-term (3-5 years)	Changes in precipitation patterns and extreme variability in weather patterns	Medium-term (3-5 years)	Sea level rises	Long-term (>5 years)	Transition risk	Enhance GHG Emission Pricing	Medium-term (3-5 years)	Raw material cost rises	Long-term (>5 years)	Opportunity	Participation in renewables projects and adoption of energy conservation measures	Short-term (<3 years)	Alternative energy and energy diversification	Medium-term (3-5 years)	Participation in carbon trade	Medium-term (3-5 years)	Use low-carbon energy	Long-term (>5 years)
Type	Related Item	Duration																								
Physical risk	Increased severity of extreme weather events	Medium-term (3-5 years)																								
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	Use low-carbon energy	Long-term (>5 years)																								

No.	Item	Implementation Status																								
3	Describe financial impacts of extreme weather events and transition actions	<p>The financial impacts of extreme weather events and transition actions are tabulated below:</p> <table border="1" data-bbox="763 357 2047 983"> <thead> <tr> <th data-bbox="763 357 898 424">Type</th> <th data-bbox="898 357 1473 424">Related Item</th> <th data-bbox="1473 357 2047 424">Potential Financial Risk</th> </tr> </thead> <tbody> <tr> <td data-bbox="763 424 898 620" rowspan="3">Physical risk</td> <td data-bbox="898 424 1473 477">Increased severity of extreme weather events</td> <td data-bbox="1473 424 2047 477">Increased capital expenditure, reduced value of assets</td> </tr> <tr> <td data-bbox="898 477 1473 569">Changes in precipitation patterns and extreme variability in weather patterns</td> <td data-bbox="1473 477 2047 569">Increased capital expenditure and increased costs of operations</td> </tr> <tr> <td data-bbox="898 569 1473 620">Sea level rises</td> <td data-bbox="1473 569 2047 620">Increase in capital expenditure</td> </tr> <tr> <td data-bbox="763 620 898 729" rowspan="2">Transition risk</td> <td data-bbox="898 620 1473 676">Enhance GHG Emission Pricing</td> <td data-bbox="1473 620 2047 676">Increase in operating costs</td> </tr> <tr> <td data-bbox="898 676 1473 729">Raw material cost rises</td> <td data-bbox="1473 676 2047 729">Increase in operating costs</td> </tr> <tr> <td data-bbox="763 729 898 983" rowspan="4">Opportunity</td> <td data-bbox="898 729 1473 821">Participation in renewables projects and adoption of energy conservation measures</td> <td data-bbox="1473 729 2047 821">Increased overheads, reduced later emissions and operating costs.</td> </tr> <tr> <td data-bbox="898 821 1473 874">Alternative energy and energy diversification</td> <td data-bbox="1473 821 2047 874">Increased overheads, annually reduced operating costs.</td> </tr> <tr> <td data-bbox="898 874 1473 930">Participation in carbon trade</td> <td data-bbox="1473 874 2047 930">Increased overheads, annually reduced operating costs.</td> </tr> <tr> <td data-bbox="898 930 1473 983">Use low-carbon energy</td> <td data-bbox="1473 930 2047 983">Increased overheads, annually reduced operating costs.</td> </tr> </tbody> </table>	Type	Related Item	Potential Financial Risk	Physical risk	Increased severity of extreme weather events	Increased capital expenditure, reduced value of assets	Changes in precipitation patterns and extreme variability in weather patterns	Increased capital expenditure and increased costs of operations	Sea level rises	Increase in capital expenditure	Transition risk	Enhance GHG Emission Pricing	Increase in operating costs	Raw material cost rises	Increase in operating costs	Opportunity	Participation in renewables projects and adoption of energy conservation measures	Increased overheads, reduced later emissions and operating costs.	Alternative energy and energy diversification	Increased overheads, annually reduced operating costs.	Participation in carbon trade	Increased overheads, annually reduced operating costs.	Use low-carbon energy	Increased overheads, annually reduced operating costs.
Type	Related Item	Potential Financial Risk																								
Physical risk	Increased severity of extreme weather events	Increased capital expenditure, reduced value of assets																								
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Opportunity	Participation in renewables projects and adoption of energy conservation measures	Increased overheads, reduced later emissions and operating costs.																								
	Alternative energy and energy diversification	Increased overheads, annually reduced operating costs.																								
	Participation in carbon trade	Increased overheads, annually reduced operating costs.																								
	Use low-carbon energy	Increased overheads, annually reduced operating costs.																								
4	Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management	Identify risks and opportunities based on the TCFD-recommended framework, communicate with all responsible units, and confirm by senior management every three years Include them in the annual risk assessment. The president reports the control measures and management performance to the Audit Committee and Board every year.																								
5	When assessing the resilience taking into consideration different climate-related scenarios, state the input parameters, assumptions, and analytical choices for the scenarios used, and critical financial impacts.	No scenario analysis has been used for assessing the resilience in climate-related risks. We will include scenario analysis in two years.																								

No.	Item	Implementation Status
6	If transition plans are used in climate-related risk management, state the contents of such plans and the metrics and targets used to identify and manage physical risks and transition risks.	Plans include: Equipment replacement, construction of renewables facilities, optimization of production scheduling, planning building aircon, energy management systems, extreme weather events contingency plans. Please refer to 4.2 of this report for the details.
7	If internal carbon pricing is the planning tool, state the basis of the pricing system	No assessment tool for internal carbon pricing has been used.
8	If climate-related targets are set, state the activities, scopes of GHG emissions, planning period, and annual targets. If the relevant targets are achieved with the renewable energy certificates (RECs), state the sources and quantity of the carbon credit of such RECs or the quantity of RECs.	We set 2017 as the base year and reduction by 27% by 2030 as the carbon reduction target. Every year we disclose the data of scopes I and II GHG emissions in the ESG report and review the achievement progress periodically. No REC has been used for carbon reduction so far.
9	GHG inventory and verification	Please refer to 4.2 of this report for the details of GHG inventory and verification information.

6.6 Independent Assurance Statement



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Independent Assurance Statement

ASIA POLYMER CORPORATION'S 2022 SUSTAINABILITY REPORT

AFNOR GROUP was established in 1926. We are the National Standardization Body of France, a permanent council member in ISO and one of the leading certification bodies in the world. This verification work was carried out by AFNOR ASIA LTD., a subsidiary of AFNOR GROUP. All the members of the verification team have professional backgrounds and have accepted AA1000 AS, AFAQ 26000, ISO 9001, ISO 14001, ISO 14064, ISO 45001, ISO 50001, and other sustainability-related international standard trainings. All assigned verifiers have been approved as the lead auditors or verifiers. AFNOR Group hereby provides a summary of ASIA POLYMER CORPORATION's Sustainability Report of 2022 (hereinafter referred to as "the Report") but was not involved in any way in its preparation.

AFNOR Group and ASIA POLYMER CORPORATION (hereinafter referred to as "APC") are independent entities. AFNOR ASIA LTD., was commissioned by APC to conduct the assessment and assure the Sustainability Report of 2022 was in accordance with AA1000 Assurance Standard (v3) and the Global Reporting Initiative Sustainability Reporting Standards (GRI Standards).

SCOPE

The disclosure scope of the Report covers the economic, environmental and social (the social welfare part comes from the USI Education Foundation) activities and operational performance of all operating entities (Taipei Main Office and Kaohsiung Lin Yuan Plant) in the APC's consolidated financial statements.

AFNOR Asia is responsible for:

1. According to the Type 1 of the AA1000 Assurance Standard (v3), evaluate APC's compliance with the AA1000 Accountability Principle (2018). The reliability verification of the revealed sustainability performance information and data was not included. The verification scopes include sustainability issues, response mechanism, performance information, management systems of information, and the processes of materiality evaluation and stakeholder participation.
2. In accordance with the GRI Standards, we verified the statement options and material topics disclosed in the Report compiled by APC.

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REFERENCES

The scope of the assurance includes an assessment of the source adequacy of specific performance information and an assessment of adherence to the following reporting criteria :

- AA1000 Accountability Principles (2018)
- GRI Standards

METHODOLOGY

- Review the process and management of the principles of inclusivity, materiality, responsiveness and impact described in the Report related to the AA1000 Accountability Principles (2018).
- The Report is reported in accordance with the GRI Standards, and the content of the Report is reviewed for general disclosures and specific topic disclosures that comply with the GRI Standards.
- Conduct interviews with the management team to confirm stakeholder communication and response mechanisms.
- The qualitative and quantitative information produced, collected, and disclosed by the Report was reviewed through a validated sampling plan.
- Interviews with members of the organization related to sustainable development management and report writing, including representatives of all levels and departments.
- The verification team inspected and reviewed the documents, materials and information related to the report by interviewing the responsible personnel of each group of APC.
- Check the sufficiency and completeness of supporting materials and evidence for the content of the Report.

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◆ **AA1000 Accountability Principles**

Inclusivity

APC has continued to implement a wide range of stakeholder engagement programs to identify and understand the important information generated by issues of concern to stakeholders. The report has fairly reported and disclosed economic, environmental and social information, which is sufficient to support appropriate plans and goals. Future reports may:

- sustaining corporate sustainable development strategies, effectively integrating internal and external resources, managing risks and opportunities, clearly setting program goals, and presenting sustainability-related performance that stakeholders are concerned about.
- continuously strengthen the existing mechanism for identifying stakeholders and materiality issues, collect and understand stakeholders' concerns, specific methods of participation, and reasonable expectations and interests.

Materiality

APC has released relevant information on sustainable management to enable stakeholders to judge the company's management and performance, and develop and implement a decision-making mechanism for material issues to accommodate issues from all parties. Future reports may:

- expand the number of questionnaires and returns of stakeholders, continue to collect and disclose significant sustainable development information, and fully disclose significant sustainable development information.
- continue to strengthen the identification mechanism of positive and negative impacts, materiality considerations and related impacts, strengthen the risk and opportunity management and control of materiality issues, and implement them into the operating procedures of each department.




Responsiveness

APC has developed and implemented a stakeholder response mechanism and the comparison of SDGs, clearly declaring relevant policies and communicating with stakeholders, and responding to expectations and opinions from stakeholders. Future reports may:

- continue to strengthen the response and communication mechanism of various departments and stakeholders, strengthen the depth and breadth of disclosed data and increase their comparability.
- continue to compile the responses of stakeholders to this report as a reference for future refinement.

Impact


APC has developed and implemented a process for understanding, measuring, evaluating and managing the impact of the organization, and provided the necessary capabilities and resources, and committed to making a comprehensive and balanced disclosure of the measurement and evaluation of the organization's impact on stakeholders and itself. Future reports may:

- continuously strengthen the risk and opportunity monitoring and measurement mechanism of various major sustainable actions and related impacts, and implement them into the operating procedures of various departments.

◆ **Global Reporting Initiative Sustainability Reporting Standards**

Based on the results of the review, we confirm that the Report complies with GRI reporting requirements in terms of general disclosure items and specific topic disclosures, including material topic management and disclosure items. Future reports may:

- continuously collect and disclose performance information that can be extended to other regions or operating bases in the future, and strengthen the depth and breadth of disclosed information, strengthen the content of management policy disclosure, and more completely present the context of sustainability and related sustainability performance.
- continuously collect major issues, risks and opportunities, strengthen management and control, practice results, and gradually implement various operations and management actions of subsidiaries in various operating bases, so as to expand the influence of enterprises on sustainable management.

ASSURANCE OPINION

In our opinion, the information and data presented in the Report by APC provides a fair and balanced representation. We believe the focuses on economic, environmental, and social aspects of APC in 2022 are well represented.

Afnor Group has developed a set of process for the Assurance of Sustainability Reports based on current practice guidance provided in the AA1000 Assurance Standard (v3) and GRI Standards. We believe that the evidence collected by onsite assessment has exhibited that APC did follow the guidance of AA1000 Assurance Standard (v3) and GRI Standards, and their self-declaration in response to the Global Reporting Initiative.

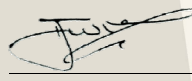
ASSURANCE LEVEL

In accordance with the AA1000 Assurance Standard (v3), we verified this assurance statement corresponding to a moderate level. The scope and methods are as described in this statement.


LIABILITY

This assurance statement is intended for the use of ASIA POLYMER CORPORATION only. Afnor is not responsible for any other uses. Our responsibility is only based on the scope and methodology described, and to provide stakeholders an independent assurance statement.

For and on behalf of Afnor :



Trevor Wilmer
The Director for Certification and Assessment
MAY.22.2023



**AA1000
Licensed Report
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