



การแสดงผลข้อมูล
ตามตัวชี้วัด

**GRI, UN SDGs, UNGC,
WEF, SASB, IFRS, TCFD
และ CHRB**



Global Reporting Initiative (GRI) content index

GRI STANDARD/ OTHER SOURCE	DISCLOSURE	LOCATION	OMISSION			GRI SECTOR STANDARD REF. NO.	SDG Targets	UNGC Principles	WEF	IFRS S1	IFRS S2
			REQUIREMENT(S) OMITTED	REASON	EXPLANATION						
General disclosures											
GRI 2: General Disclosures 2021	2-1 Organizational details	56-1 One Report 2023 (Page 4, 450) https://www.pttplc.com/th/About/About-Ptt/Background.aspx	A gray cell indicates that reasons for omission are not permitted for the disclosure or that a GRI Sector Standard reference number is not available.				10.4, 17.1, 17.3		Prosperity: Community and social vitality - Total tax paid by country for significant locations		
	2-2 Entities included in the organization's sustainability reporting	56-1 One Report 2023 (Page 450) https://www.pttplc.com/th/About/About-Ptt/Background.aspx									
	2-3 Reporting period, frequency and contact point	56-1 One Report 2023 (Page 450) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx									
	2-4 Restatements of information	56-1 One Report 2023 (Page 450) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx									
	2-5 External assurance	56-1 One Report 2023 (Page 451) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx					3.6, 3.9, 5.1, 5.2, 6.6, 7.2, 7.3, 8.4, 8.5, 8.8, 10.3, 11.5, 11.6, 12.2, 12.4, 12.5, 13.1, 14.3, 15.1, 15.2, 16.1	E4, E4.1, E6, E7.1, E13, E17, L8	Planet: Climate change - Greenhouse gas (GHG) emissions Planet: Air pollution - Air pollution Planet: Resource availability - Resource circularity Planet: Freshwater availability - Water consumption and withdrawal in water-stressed areas People: Dignity and equality - Pay gap (%) People: Health and well-being - Employee well-being (%) People: Health and well-being - Health and safety (%)		Metrics and Targets - Climate-related metrics
	2-6 Activities, value chain and other business relationships	56-1 One Report 2023 (Page 63-89) https://www.pttplc.com/uploads/About/PTT_COMPANY_PROFILE_TH_22.pdf									
	2-7 Employees	Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx					5.1, 5.5, 8.1, 8.2, 8.5, 9.1, 9.4, 9.5, 10.3	G11, L7			
	2-8 Workers who are not employees	Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx					8.5		Prosperity: Employment and wealth generation - Economic contribution People: Dignity and equality - Diversity and inclusion (%)		
	2-9 Governance structure and composition	56-1 One Report 2023 (Page 262-265) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Corporategovernance.aspx					5.1, 5.5, 8.5, 16.7	G11	Principles of Governance: Quality of governing body - Governance body composition		
	2-10 Nomination and selection of the highest governance body	56-1 One Report 2023 (Page 263, 271-272) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Corporategovernance.aspx									
	2-11 Chair of the highest governance body	56-1 One Report 2023 (Page 264) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Corporategovernance.aspx					16.6				

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GRI 2: General Disclosures 2021	2-25 Processes to remediate negative impacts	56-1 One Report 2023 (Page 138, 146-148) https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx									
	2-26 Mechanisms for seeking advice and raising concerns	56-1 One Report 2023 (Page 138, 146-148) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Fairpractice.aspx					16.3	AC1, AC2, G2, G4, G5, G8	Principles of Governance: Ethical behaviour - Protected ethics advice and reporting mechanisms		
	2-27 Compliance with laws and regulations	56-1 One Report 2023 (Page 138, 140-141, 259, 348-349) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Fairpractice.aspx					5.1, 8.8, 16.3, 16.5, 16.10	AC5, E1, E1.1, E3, G2, G4,	Principles of Governance: Ethical behaviour - Anti-Corruption People: Dignity and equality - Discrimination and Harassment Incidents (#) and the Total Amount of Monetary Losses (\$)		
	2-28 Membership associations	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Network.aspx					16.5		Principles of Governance: Ethical behaviour - Alignment of strategy and policies to lobbying		
	2-29 Approach to stakeholder engagement	56-1 One Report 2023 (Page 144-148) https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Stakeholderengagement.aspx									
	2-30 Collective bargaining agreements	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx					8.8	L6	People: Dignity and equality - Freedom of association and collective bargaining at risk (%)		
Material topics											
GRI 3: Material Topics 2021	3-1 Process to determine material topics	56-1 One Report 2023 (Page 151-157)	A gray cell indicates that reasons for omission are not permitted for the disclosure or that a GRI Sector Standard reference number is not available.						Principles of Governance: Stakeholder engagement - Material issues impacting stakeholders	Strategy - Sustainability -related risks and opportunities	
	3-2 List of material topics	56-1 One Report 2023 (Page 150-157) https://ptt.listedcompany.com/misc/one-report/20240314-ptt-one-report-2023-th.pdf							Principles of Governance: Stakeholder engagement - Material issues impacting stakeholders	Strategy - Sustainability -related risks and opportunities	
Economic performance											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157)								Metrics and Targets	
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	56-1 One Report 2023 (Page 156-157, 181-190) Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.14.2	8.1, 8.2, 9.1, 9.4, 9.5		Prosperity: Employment and wealth generation - Economic contribution		

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GRI 201: Economic Performance 2016	201-2 Financial implications and other risks and opportunities due to climate change	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx				11.2.2	13.1		Principles of Governance: Risk and opportunity oversight - Integrating risk and opportunity into business process		Strategy - Financial position, financial performance and cash flows
	201-3 Defined benefit plan obligations and other retirement plans			Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable					
	201-4 Financial assistance received from government	Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx					11.21.3				
Market presence											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157)									
GRI 202: Market Presence 2016	202-1 Ratios of standard entry level wage by gender compared to local minimum wage	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx		Not applicable	Not required by GRI 11: Oil and Gas sector 2021	Not applicable	1.2, 5.1, 8.5		Prosperity: Employment and wealth generation - Economic contribution		
	202-2 Proportion of senior management hired from the local community	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx				11.11.2	8.5				
Indirect economic impacts											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157, 181-190)									
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	https://www.pttplc.com/th/Sustainability/Social/Corporatecitizenship.aspx				11.14.4	5.4, 9.1, 9.4, 11.2				
	203-2 Significant indirect economic impacts	https://www.pttplc.com/th/Sustainability/Social/Corporatecitizenship.aspx				11.14.5	1.2, 1.4, 3.8, 8.2, 8.3, 8.5				
Procurement practices											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157) https://www.pttplc.com/th/Sustainability/Economics/Supplychainmanagement.aspx									
GRI 204: Procurement Practices 2016	204-1 Proportion of spending on local suppliers	https://www.pttplc.com/th/Sustainability/Economics/Supplychainmanagement.aspx				11.14.6	1.2, 8.3				

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Anti-corruption											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157)									
GRI 205: Anti-corruption 2016	205-1 Operations assessed for risks related to corruption	https://www.ptplc.com/th/Sustainability/Sustainabilitygovernance/Fairpractice.aspx				11.20.2	5.2, 5.5, 8.1, 8.3, 8.5, 8.7, 8.8, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7				
	205-2 Communication and training about anti-corruption policies and procedures	56-1 One Report 2023 (Page 256-259) https://www.ptplc.com/th/Sustainability/Sustainabilitygovernance/Fairpractice.aspx				11.20.3	16.4, 16.5, 16.6				
	205-3 Confirmed incidents of corruption and actions taken	https://www.ptplc.com/th/Sustainability/Sustainabilitygovernance/Fairpractice.aspx				11.20.4	16.4, 16.5, 16.6				
	Additional Sector Disclosures: Describe the approach to contract transparency	56-1 One Report 2023 (Page 248-249)				11.20.5					
	Additional Sector Disclosures: List the organization's beneficial owners and explain how the organization identifies the beneficial owners of business partners, including joint ventures and suppliers	56-1 One Report 2023 (Page 63-113)				11.20.6					
Anti-competitive behavior											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157)									
GRI 206: Anti-competitive Behavior 2016	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices					11.19.2	16.3				
Tax											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157) https://www.ptplc.com/th/Sustainability/Economics/Taxstrategy.aspx									
GRI 207: Tax 2019	207-1 Approach to tax	https://www.ptplc.com/th/Sustainability/Economics/Taxstrategy.aspx				11.21.4	10.4, 17.1, 17.3				
	207-2 Tax governance, control, and risk management	https://www.ptplc.com/th/Sustainability/Economics/Taxstrategy.aspx				11.21.5	1.1, 1.3, 10.4, 17.1, 17.3				
	207-3 Stakeholder engagement and management of concerns related to tax	https://www.ptplc.com/th/Sustainability/Economics/Taxstrategy.aspx				11.21.6	1.1, 1.3, 10.4, 17.1, 17.3				

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GRI 207: Tax 2019	207-4 Country-by-country reporting	https://www.ptplc.com/th/Sustainability/Economics/Taxstrategy.aspx				11.21.7	10.4, 17.1, 17.3		Prosperity: Community and social vitality - Total tax paid by country for significant locations		
	Additional Sector Disclosures: For oil and gas purchased from the state, or from third parties appointed by the state to sell on their behalf			Not applicable	Not applicable for the organization	11.21.8					
Materials											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157)									
GRI 301: Materials 2016	301-1 Materials used by weight or volume			Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable	8.4, 12.2				
	301-2 Recycled input materials used			Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable	8.4, 12.2, 12.5				
	301-3 Reclaimed products and their packaging materials			Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable	8.4, 12.2, 12.5				
Energy											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157)									
GRI 302: Energy 2016	302-1 Energy consumption within the organization	https://www.ptplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.ptplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.1.2	7.2, 7.3, 8.4, 12.2, 13.1	E4, E4.1	Planet: Resource availability - Resource circularity		
	302-2 Energy consumption outside of the organization	https://www.ptplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.ptplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.1.3	7.2, 7.3, 8.4, 12.2, 13.1				
	302-3 Energy intensity	Performance Summary https://www.ptplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.1.4	7.3, 8.4, 12.2, 13.1				
	302-4 Reduction of energy consumption			Not applicable	Not required by GRI 11: Oil and Gas sector 2021	Not applicable	7.3, 8.4, 12.2, 13.1				
	302-5 Reductions in energy requirements of products and services			Not applicable	Not required by GRI 11: Oil and Gas sector 2021	Not applicable	7.3, 8.4, 12.2, 13.1				

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Water and effluents											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 151-157, 169-173)							Planet: Freshwater availability - Impact of freshwater consumption and withdrawal Planet: Water pollution - Impact of water pollution		
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	https://www.pttplc.com/th/Sustainability/Environment/Water.aspx				11.6.2					
	303-2 Management of water discharge-related impacts	https://www.pttplc.com/th/Sustainability/Environment/Water.aspx				11.6.3					
	303-3 Water withdrawal	https://www.pttplc.com/th/Sustainability/Environment/Water.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.6.4	6.3, 6.4	E13, E4	Planet: Freshwater availability - Water consumption and withdrawal in water-stressed areas		
	303-4 Water discharge	https://www.pttplc.com/th/Sustainability/Environment/Water.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.6.5	6.3, 6.4	E13, E4	Planet: Freshwater availability - Water consumption and withdrawal in water-stressed areas		
	303-5 Water consumption	https://www.pttplc.com/th/Sustainability/Environment/Water.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.6.6	6.3, 6.4	E13, E4	Planet: Freshwater availability - Water consumption and withdrawal in water-stressed areas		
Biodiversity											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page152-157)							Planet: Nature loss - Impact of land use and conversion		
GRI 304: Biodiversity 2016	304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	https://www.pttplc.com/th/Sustainability/Environment/Biodiversity.aspx				11.4.2		E16	Planet: Nature loss - Land use and ecological sensitivity		
	304-2 Significant impacts of activities, products and services on biodiversity	https://www.pttplc.com/th/Sustainability/Environment/Biodiversity.aspx				11.4.3	6.6, 14.2, 15.1, 15.5				
	304-3 Habitats protected or restored	https://www.pttplc.com/th/Sustainability/Environment/Biodiversity.aspx				11.4.4	6.6, 14.2, 15.1, 15.5	E1, E1.1, E3, E4.1	Principles of Governance: Risk and opportunity oversight - Integrating risk and opportunity into business process		
	304-4 IUCN Red List species and national conservation list species with habitats in areas affected by operations	https://www.pttplc.com/th/Sustainability/Environment/Biodiversity.aspx				11.4.5	6.6, 14.2, 15.1, 15.5				

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Emissions											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page152-157)							Planet: Climate change - Impact of GHG Emissions Planet: Air pollution - Impact of air pollution		
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	56-1 One Report 2023 (166-167) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.1.5	3.9, 12.4, 13.1, 14.3, 15.2	E6	Planet: Climate change - Greenhouse gas (GHG) emissions		Metrics and Targets - Climate-related metrics
	305-2 Energy indirect (Scope 2) GHG emissions	56-1 One Report 2023 (166-167) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.1.6	3.9, 12.4, 13.1, 14.3, 15.2	E4, E6	Planet: Climate change - Greenhouse gas (GHG) emissions		Metrics and Targets - Climate-related metrics
	305-3 Other indirect (Scope 3) GHG emissions	56-1 One Report 2023 (166-167) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.1.7	3.9, 12.4, 13.1, 14.3, 15.3	E7.1	Planet: Climate change - Greenhouse gas (GHG) emissions		Metrics and Targets - Climate-related metrics
	305-4 GHG emissions intensity	56-1 One Report 2023 (167-168) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.1.8					
	305-5 Reduction of GHG emissions	56-1 One Report 2023 (159-168) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.2.3	13.1	E4.1	Planet: Climate change - Greenhouse gas (GHG) emissions		Metrics and Targets - Climate-related targets
	305-6 Emissions of ozone-depleting substances (ODS)			Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable					
	305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	https://www.pttplc.com/th/Sustainability/Environment/Air.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.3.2	3.9, 12.4, 14.3, 15.2	E4, E17	Planet: Air pollution - Air pollution		
Climate adaptation, resilience, and transition	Additional Sector Disclosures: Describe the organization's approach to public policy development and lobbying on climate change	https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Network.aspx				11.2.4		E1.1, G12	Planet: Climate change - TCFD implementation		

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GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers that were screened using environmental criteria	https://www.pttplc.com/th/Sustainability/Economics/Supplychainmanagement.aspx					5.2, 8.8, 16.1	G6, G7			
	308-2 Negative environmental impacts in the supply chain and actions taken			Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable	5.2, 8.8, 16.1				
Employment											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.10.2	5.1, 8.2, 8.5, 8.6, 10.3		Prosperity: Employment and wealth generation - Absolute number and rate of employment		
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx				11.10.3	8.2, 8.5				
	401-3 Parental leave	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.10.4	5.1, 5.4, 8.5				
Labor/management relations											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 402: Labor/ Management Relations 2016	402-1 Minimum notice periods regarding operational changes	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx				11.10.5	8.8				
Occupational health and safety											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	56-1 One Report 2023 (Page 174-181) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx				11.9.2	8.8				
	403-2 Hazard identification, risk assessment, and incident investigation	56-1 One Report 2023 (Page 175-177) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx				11.9.3	3.6, 3.9, 8.8, 16.1	L3, L4, L5	Principles of Governance: Risk and opportunity oversight - Integrating risk and opportunity into business process	Risk Management	

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GRI 403: Occupational Health and Safety 2018	403-3 Occupational health services	56-1 One Report 2023 (Page 174-176) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx				11.9.4	8.8					
	403-4 Worker participation, consultation, and communication on occupational health and safety	56-1 One Report 2023 (Page 175-181) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx				11.9.5	8.8, 16.7					
	403-5 Worker training on occupational health and safety	56-1 One Report 2023 (Page 176) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx				11.9.6	3.6, 3.9, 8.8, 16.1	L3, L4, L5				
	403-6 Promotion of worker health	56-1 One Report 2023 (Page 175-177) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx				11.9.7	3.3, 3.5, 3.7, 3.8					
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	56-1 One Report 2023 (Page 175-178) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx				11.9.8	8.8					
	403-8 Workers covered by an occupational health and safety management system	https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.9.9	3.6, 3.9, 8.8, 16.1, 16.3	G3, L1, L1.1, L2, L3, L4, L5				
	403-9 Work-related injuries	56-1 One Report 2023 (Page 179) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.9.10	3.6, 3.9, 8.8, 16.1, 16.3	G3, L1, L1.1, L2, L3, L4, L5, L9	People: Health and well-being - Employee well-being (%) People: Health and well-being - Health and safety (%)			
	403-10 Work-related ill health	56-1 One Report 2023 (Page 179) https://www.pttplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.9.11	3.6, 3.9, 8.8, 16.1, 16.3	G3, L1, L1.1, L2, L3, L4, L5	People: Health and well-being - Employee well-being (%) People: Health and well-being - Health and safety (%)			
	Training and education											
	GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.10.6	4.3, 4.4, 4.5, 5.1, 8.2, 8.5, 10.3		People: Skills for the future - Training provided (#, \$)			
	404-2 Programs for upgrading employee skills and transition assistance programs	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx				11.7.3, 11.10.7	8.2, 8.5		People: Skills for the future - Monetized Impacts of Training - Increased earning capacity as a result of training intervention (% , \$)			

GRI STANDARD/ OTHER SOURCE	DISCLOSURE	LOCATION	OMISSION			GRI SECTOR STANDARD REF. NO.	SDG Targets	UNGC Principles	WEF	IFRS S1	IFRS S2
			REQUIREMENT(S) OMITTED	REASON	EXPLANATION						
GRI 404: Training and Education 2016	404-3 Percentage of employees receiving regular performance and career development reviews	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx					5.1, 8.5, 10.3				
Diversity and equal opportunity											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)							Principles of Governance: Quality of governing body - Remuneration	Metrics and Targets	
GRI 405: Diversity and Equal Opportunity 2016	405-1 Diversity of governance bodies and employees	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Corporategovernance.aspx https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx				11.11.5	5.1, 5.5, 8.5, 16.7	L7, G11	Principles of Governance: Quality of governing body - Governance body composition People: Dignity and equality - Diversity and inclusion (%)		
	405-2 Ratio of basic salary and remuneration of women to men	https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx				11.11.6	5.1, 8.5, 10.3	L8	People: Dignity and equality - Pay gap (%)		
Non-discrimination											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 406: Non-discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Fairpractice.aspx				11.11.7	5.1, 8.8, 16.3, 16.5, 16.10	AC5, G2, G8, L1.1, L3, L4	Principles of Governance: Ethical behaviour - Anti-Corruption People: Dignity and equality - Discrimination and Harassment Incidents (#) and the Total Amount of Monetary Losses (\$)		
Freedom of association and collective bargaining											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx				11.13.2	5.2, 8.7, 8.8, 16.1, 16.2, 16.3	G6, G7, HR1, HR3, L2, HR7, HR8, L11, L3	Principles of Governance: Risk and opportunity oversight - Integrating risk and opportunity into business process		
Child labor											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 408: Child Labor 2016	408-1 Operations and suppliers at significant risk for incidents of child labor	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx					5.2, 8.7, 8.8, 16.1, 16.2, 16.3	G6, G7, HR1, HR3, L2, HR7, HR8, L11, L3	Principles of Governance: Risk and opportunity oversight - Integrating risk and opportunity into business process People: Dignity and equality - Human rights review, grievance impact and modern slavery (#, %)		

GRI STANDARD/ OTHER SOURCE	DISCLOSURE	LOCATION	OMISSION			GRI SECTOR STANDARD REF. NO.	SDG Targets	UNGC Principles	WEF	IFRS S1	IFRS S2
			REQUIREMENT(S) OMITTED	REASON	EXPLANATION						
Forced or compulsory labor											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 409: Forced or Compulsory Labor 2016	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx				11.12.2	5.2, 8.7, 8.8, 16.1, 16.2, 16.3	G6, G7, HR1, HR3, L2, HR7, HR8, L11, L3	Principles of Governance: Risk and opportunity oversight - Integrating risk and opportunity into business process		
Security practices											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 410: Security Practices 2016	410-1 Security personnel trained in human rights policies or procedures	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx				11.18.2					
Rights of indigenous peoples											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 411: Rights of Indigenous Peoples 2016	411-1 Incidents of violations involving rights of indigenous peoples	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx				11.17.2	5.2, 8.7, 8.8, 16.2,	HR7, HR8, L11, L3			
	Additional Sector Disclosures: List the locations of operations where indigenous peoples are present or affected by activities of the organization			Not applicable		11.17.3					
	Additional Sector Disclosures: Report if the organization has been involved in a process of seeking free, prior and informed consent (FPIC) from indigenous peoples for any of the organization's activities				Not applicable		11.17.4				
Local communities											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)							Prosperity: Community and social vitality - Total social investment (\$)		
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	56-1 One Report 2023 (Page 181-190) https://www.ptplc.com/th/Sustainability/Economics/Projectmanagement.aspx				11.15.2		E2, G8			

GRI STANDARD/ OTHER SOURCE	DISCLOSURE	LOCATION	OMISSION			GRI SECTOR STANDARD REF. NO.	SDG Targets	UNGC Principles	WEF	IFRS S1	IFRS S2
			REQUIREMENT(S) OMITTED	REASON	EXPLANATION						
GRI 413: Local Communities 2016	413-2 Operations with significant actual and potential negative impacts on local communities	https://www.pttplc.com/th/Sustainability/Economics/Projectmanagement.aspx				11.15.3	1.4, 2.3				
	Additional Sector Disclosures: Report the number and type of grievances from local communities identified	https://www.pttplc.com/th/Sustainability/Economics/Projectmanagement.aspx				11.15.4					
Supplier social assessment											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 414: Supplier Social Assessment 2016	414-1 New suppliers that were screened using social criteria	https://www.pttplc.com/th/Sustainability/Economics/Supplychainmanagement.aspx				11.10.8	5.2, 8.7, 8.8, 16.1, 16.2, 16.3	G6, G7, HR1, HR3, L2	Principles of Governance: Risk and opportunity oversight - Integrating risk and opportunity into business process People: Dignity and equality - Human rights review, grievance impact and modern slavery (#, %)		
	414-2 Negative social impacts in the supply chain and actions taken	https://www.pttplc.com/th/Sustainability/Economics/Supplychainmanagement.aspx				11.10.9	5.2, 8.8, 16.1				
Public policy											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 415: Public Policy 2016	415-1 Political contributions	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Network.aspx				11.22.2	16.5		Principles of Governance: Ethical behaviour - Alignment of strategy and policies to lobbying		
Customer health and safety											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 416: Customer Health and Safety 2016	416-1 Assessment of the health and safety impacts of product and service categories	https://www.pttplc.com/th/Sustainability/Economics/Innovationandproductresponsibility.aspx				11.3.3	3.6, 3.9, 8.8, 16.1		People: Health and well-being - Health and safety (%)		
	416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	https://www.pttplc.com/th/Sustainability/Economics/Innovationandproductresponsibility.aspx									
Marketing and labeling											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)				Not applicable					

GRI STANDARD/ OTHER SOURCE	DISCLOSURE	LOCATION	OMISSION			GRI SECTOR STANDARD REF. NO.	SDG Targets	UNGC Principles	WEF	IFRS S1	IFRS S2
			REQUIREMENT(S) OMITTED	REASON	EXPLANATION						
GRI 417: Marketing and Labeling 2016	417-1 Requirements for product and service information and labeling			Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable	12.8				
	417-2 Incidents of non-compliance concerning product and service information and labeling	https://www.ptplc.com/th/Sustainability/Economics/Innovationandproductresponsibility.aspx					16.3				
	417-3 Incidents of non-compliance concerning marketing communications	https://www.ptplc.com/th/Sustainability/Economics/Innovationandproductresponsibility.aspx		Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable	16.3				
Customer privacy											
GRI 3: Material Topics 2021	3-3 Management of material topics	56-1 One Report 2023 (Page 152-157)									
GRI 418: Customer Privacy 2016	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	https://www.ptplc.com/th/Sustainability/Economics/Innovationandproductresponsibility.aspx		Not applicable	Not required to disclose by GRI 11: Oil and Gas sector 2021	Not applicable	5.1, 8.8, 16.3, 16.5, 16.10	AC5	Principles of Governance: Ethical behaviour - Anti-Corruption People: Dignity and equality - Discrimination and Harassment Incidents (#) and the Total Amount of Monetary Losses (\$)		

International Financial Reporting Standards (IFRS) S1

IFRS S1 recommendation	Location	Mapping with IR Recommendation
Governance		
(a) the governance body(s) (which can include a board, committee or equivalent body charged with governance) or individual(s) responsible for oversight of sustainability-related risks and opportunities. Specifically, the entity shall identify that body(s) or individual(s) and disclose information about: (i) how responsibilities for sustainability-related risks and opportunities are reflected in the terms of reference, mandates, role descriptions and other related policies applicable to that body(s) or individual(s);	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Governance
(ii) how the body(s) or individual(s) determines whether appropriate skills and competencies are available or will be developed to oversee strategies designed to respond to sustainability-related risks and opportunities;	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Corporategovernance.aspx	IR Content Element: Governance
(iii) how and how often the body(s) or individual(s) is informed about sustainability-related risks and opportunities;	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Governance
(iv) how the body(s) or individual(s) takes into account sustainability-related risks and opportunities when overseeing the entity's strategy, its decisions on major transactions and its risk management processes and related policies, including whether the body(s) or individual(s) has considered trade-offs associated with those risks and opportunities; and	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Governance
(v) how the body(s) or individual(s) oversees the setting of targets related to sustainability-related risks and opportunities, and monitors progress towards those targets (see paragraph 51), including whether and how related performance metrics are included in remuneration policies.	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Governance
(b) management's role in the governance processes, controls and procedures used to monitor, manage and oversee sustainability-related risks and opportunities, including information about: (i) whether the role is delegated to a specific management-level position or management-level committee and how oversight is exercised over that position or committee; and	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Governance
(ii) whether management uses controls and procedures to support the oversight of sustainability-related risks and opportunities and, if so, how these controls and procedures are integrated with other internal functions.	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Governance
Strategy - Sustainability-related risks and opportunities		
(a) describe sustainability-related risks and opportunities that could reasonably be expected to affect the entity's prospects;	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
(b) specify the time horizons—short, medium or long term—over which the effects of each of those sustainability-related risks and opportunities could reasonably be expected to occur; and	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
(c) explain how the entity defines 'short term', 'medium term' and 'long term' and how these definitions are linked to the planning horizons used by the entity for strategic decision-making.	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
Strategy - Business model and value chain		
(a) a description of the current and anticipated effects of sustainability-related risks and opportunities on the entity's business model and value chain; and	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
(b) a description of where in the entity's business model and value chain sustainability-related risks and opportunities are concentrated (for example, geographical areas, facilities and types of assets).	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation IR Content Element: Business model
Strategy - Strategy and decision-making		
(a) how the entity has responded to, and plans to respond to, sustainability-related risks and opportunities in its strategy and decision-making;	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
(b) the progress against plans the entity has disclosed in previous reporting periods, including quantitative and qualitative information; and	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
(c) trade-offs between sustainability-related risks and opportunities that the entity considered (for example, in making a decision on the location of new operations, an entity might have considered the environmental impacts of those operations and the employment opportunities they would create in a community).	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation

IFRS S1 recommendation	Location	Mapping with IR Recommendation
Strategy - Financial position, financial performance and cash flows		
(a) the effects of sustainability-related risks and opportunities on the entity's financial position, financial performance and cash flows for the reporting period (current financial effects); and	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
(b) the anticipated effects of sustainability-related risks and opportunities on the entity's financial position, financial performance and cash flows over the short, medium and long term, taking into consideration how sustainability-related risks and opportunities are included in the entity's financial planning (anticipated financial effects).	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
Strategy - Resilience		
An entity shall disclose information that enables users of general purpose financial reports to understand its capacity to adjust to the uncertainties arising from sustainability-related risks. An entity shall disclose a qualitative and, if applicable, quantitative assessment of the resilience of its strategy and business model in relation to its sustainability-related risks, including information about how the assessment was carried out and its time horizon. When providing quantitative information, an entity may disclose a single amount or a range.	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilitystrategy.aspx	IR Content Element: Strategy and resource allocation
Risk Management		
(a) the processes and related policies the entity uses to identify, assess, prioritise and monitor sustainability-related risks, including information about: (i) the inputs and parameters the entity uses (for example, information about data sources and the scope of operations covered in the processes);	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx	IR Content Element: Risk and Opportunity
(ii) whether and how the entity uses scenario analysis to inform its identification of sustainability-related risks;	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx	IR Content Element: Risk and Opportunity
(iii) how the entity assesses the nature, likelihood and magnitude of the effects of those risks (for example, whether the entity considers qualitative factors, quantitative thresholds or other criteria);	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx	IR Content Element: Risk and Opportunity
(iv) whether and how the entity prioritises sustainability-related risks relative to other types of risk;	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx	IR Content Element: Risk and Opportunity
(v) how the entity monitors sustainability-related risks; and	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx	IR Content Element: Risk and Opportunity
(vi) whether and how the entity has changed the processes it uses compared with the previous reporting period;	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx	IR Content Element: Risk and Opportunity
(b) the processes the entity uses to identify, assess, prioritise and monitor sustainability-related opportunities; and	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx	IR Content Element: Risk and Opportunity
(c) the extent to which, and how, the processes for identifying, assessing, prioritising and monitoring sustainability-related risks and opportunities are integrated into and inform the entity's overall risk management process.	https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Riskandcrisismanagement.aspx	IR Content Element: Risk and Opportunity
Metrics and Targets		
(a) metrics required by an applicable IFRS Sustainability Disclosure Standard; and	Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx	IR Content Element: Performance
(b) metrics the entity uses to measure and monitor: (i) that sustainability-related risk or opportunity; and	Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx	IR Content Element: Performance
(ii) its performance in relation to that sustainability-related risk or opportunity, including progress towards any targets the entity has set, and any targets it is required to meet by law or regulation.	Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx	IR Content Element: Performance

The Task Force on Climate-related Financial Disclosures (TCFD)

TCFD recommendation	Location
Governance : Disclose the organization's governance around climate related risks and opportunities.	
a) Describe the board's oversight of climate-related risks and opportunities.	56-1 One Report 2023 (Page 159) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx
b) Describe management's role in assessing and managing climate-related risks and opportunities.	https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx
Strategy : Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning where such information is material.	
a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	56-1 One Report 2023 (Page 126) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx
b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	56-1 One Report 2023 (Page 126, 160-166) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx
c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx
Risk Management : Disclose how the organization identifies, assesses, and manages climate-related risks.	
a) Describe the organization's processes for identifying and assessing climate-related risks.	https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx
b) Describe the organization's processes for managing climate-related risks.	https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx
c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx
Metrics and Targets: Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities where such information is material.	
a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	56-1 One Report 2023 (Page 159, 166-168) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx
b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	56-1 One Report 2023 (Page 159, 166-168) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx
c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	56-1 One Report 2023 (Page 159) https://www.pttplc.com/th/Sustainability/Environment/Climatechangemanagement.aspx Performance Summary https://www.pttplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx

Themes and indicators		Location
B	Embedding Respect and Human Rights Due Diligence	
B.1	Embedding Respect for human rights in company culture and management system	
B.1.1	Responsibility and resources for day-to-day human rights functions	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
B.1.2	Incentives and performance management	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
B.1.3	Integration with enterprise risk management	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
B.1.4	Communication/dissemination of policy commitment (s)	
B.1.4.a	Workers and external stakeholders	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
B.1.4.b	Business relationships	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/uploads/Sustainability/2021/01.TH/13.%20%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%9A%E0%B8%A3%E0%B8%B4%E0%B8%AB%E0%B8%B2%E0%B8%A3%E0%B8%88%E0%B8%B1%E0%B8%94%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%A7%E0%B8%B4%E0%B8%97%E0%B8%98%E0%B8%B4%E0%B8%A1%E0%B8%99%E0%B8%B8%E0%B8%A9%E0%B8%A2%E0%B8%8A%E0%B8%99/20210322_PTT%20Human%20Rights%20Statement_TH_Final_signed.pdf
B.1.5	Training on human rights	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/th/Sustainability/Economics/Supplychainmanagement.aspx
B.1.6	Monitoring and corrective actions	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/th/Sustainability/Economics/Supplychainmanagement.aspx
B.1.7	Engaging and terminating business relationships	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/th/Sustainability/Economics/Supplychainmanagement.aspx
B.1.8	Approach to engaging with affected stakeholders	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/th/Sustainability/Economics/Projectmanagement.aspx https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx
B.2	Human Rights Due Diligence	
B.2.1	Identifying human rights risks and impacts	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
B.2.2	Assessing human rights risks and impacts	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
B.2.3	Integrating and acting on human rights risks and impact assessments	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
B.2.4	Tracking the effectiveness of actions to respond to human rights risks and impacts	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/th/Sustainability/Economics/Projectmanagement.aspx
B.2.5	Communicating on human rights impacts	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
C.	Remedies and grievance mechanism	
C.1	Grievance mechanism (s) for workers	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx
C.2	Grievance mechanism (s) for external individuals and communities	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/th/Sustainability/Economics/Projectmanagement.aspx
C.3	Users are involved in the design and performance of the mechanism (s)	https://www.pttplc.com/th/Sustainability/Economics/Projectmanagement.aspx https://www.pttplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx
C.4	Procedures related to the grievance mechanism(s) are equitable, publicly available and explained	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx https://www.pttplc.com/th/Sustainability/Economics/Projectmanagement.aspx
C.5	Prohibition of retaliation for raising complaints or concerns	https://www.pttplc.com/th/Sustainability/Social/Humanright.aspx
C.6	Company involvement with state-based judicial and non judicial grievance mechanisms	https://www.pttplc.com/uploads/Sustainability/2021/01.TH/13.%20%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%9A%E0%B8%A3%E0%B8%B4%E0%B8%AB%E0%B8%B2%E0%B8%A3%E0%B8%88%E0%B8%B1%E0%B8%94%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%A7%E0%B8%B4%E0%B8%97%E0%B8%98%E0%B8%B4%E0%B8%A1%E0%B8%99%E0%B8%B8%E0%B8%A9%E0%B8%A2%E0%B8%8A%E0%B8%99/20210322_PTT%20Human%20Rights%20Statement_TH_Final_signed.pdf

Themes and indicators		Location
C.7	Remediating adverse impacts	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx https://www.ptplc.com/th/Sustainability/Economics/Projectmanagement.aspx
C.8	Communication on the effectiveness of grievance mechanism (s) and incorporating lessons learned	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx https://www.ptplc.com/th/Sustainability/Economics/Projectmanagement.aspx
D.	Performance: Company human rights practices	
D.3.1	Living wage (in own extractive operations, which includes JVs)	https://www.ptplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx
D.3.2	Transparency and accountability (in own extractive operations, which includes JVs)	https://www.ptplc.com/th/Sustainability/Economics/Taxstrategy.aspx
D.3.3	Freedom of association and collective bargaining (in own extractive operations, which includes JVs)	https://www.ptplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx https://www.ptplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx https://www.ptplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx
D.3.4	Health and safety: Fatalities, lost days, injury, occupational disease rates (in own extractive operations, which includes JVs)	56-1 One Report 2023 (Page 174, 179) https://www.ptplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx PTT Performance Summary https://www.ptplc.com/th/Sustainability/Sustainabilitygovernance/Sustainabilityreport.aspx https://www.ptplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx
D.3.5	Indigenous peoples' rights and free prior and informed consent (FPIC) (in own extractive operations, which includes JVs)	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx https://www.ptplc.com/uploads/Sustainability/2021/01.TH/13.%20%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%9A%E0%B8%A3%E0%B8%B4%E0%B8%AB%E0%B8%B2%E0%B8%A3%E0%B8%88%E0%B8%B1%E0%B8%94%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%A7%E0%B8%B4%E0%B8%97%E0%B8%98%E0%B8%B4%E0%B8%A1%E0%B8%99%E0%B8%B8%E0%B8%A9%E0%B8%A2%E0%B8%8A%E0%B8%99/20210322_PTT%20Human%20Rights%20Statement_TH_Final_signed.pdf https://www.ptplc.com/th/Sustainability/Economics/Projectmanagement.aspx
D.3.6	Land rights: Land acquisition (in own extractive operations, which includes JVs)	https://www.ptplc.com/th/Sustainability/Economics/Projectmanagement.aspx
D.3.7	Security (in own extractive operations, which includes JVs)	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx https://www.ptplc.com/uploads/Sustainability/2021/01.TH/13.%20%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%9A%E0%B8%A3%E0%B8%B4%E0%B8%AB%E0%B8%B2%E0%B8%A3%E0%B8%88%E0%B8%B1%E0%B8%94%E0%B8%81%E0%B8%B2%E0%B8%A3%E0%B8%A7%E0%B8%B4%E0%B8%97%E0%B8%98%E0%B8%B4%E0%B8%A1%E0%B8%99%E0%B8%B8%E0%B8%A9%E0%B8%A2%E0%B8%8A%E0%B8%99/20210322_PTT%20Human%20Rights%20Statement_TH_Final_signed.pdf https://www.ptplc.com/th/Sustainability/Social/Securitysafetyandoccupationalhealth.aspx
D.3.8	Water and sanitation (in own extractive operations, which includes JVs)	https://www.ptplc.com/th/Sustainability/Environment/Environmentmanagement.aspx
D.3.9	Women's rights (in own extractive operations, which includes JVs)	https://www.ptplc.com/th/Sustainability/Social/Sustainablehumanresourcemanagement.aspx
E.	Performance: Response to serious allegations	
E.1	The company has responded publicly to the allegation	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx
E.2	The company has investigated and taken appropriate action	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx
E.3	The company has engaged with affected stakeholders to provide for or cooperate in remedy (ies)	https://www.ptplc.com/th/Sustainability/Social/Humanright.aspx

