

Content Index

GLOBAL REPORTING INITIATIVE (GRI) Standards

Statement of Use	PTT Exploration and Production Public Company Limited has reported the information cited in this GRI Content Index for the period from 1 January 2022 to 31 December 2022
GRI Used	GRI Standards 2021 which consist of GRI 1: Foundation 2021, GRI 2: General Disclosures 2021 and GRI 3: Material Topics 2021
Applicable GRI Sector Standards	GRI 11: Oil and Gas Sector 2021

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 2: General Disclosures 2021								
GRI 2	General Disclosures	2-1	Organizational details	2022 SR	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Report/download.aspx?Content=5406	Cover and Back Cover		
				PTTEP Website	https://www.pttep.com/en/Aboutpttep/Pttepgroup/Pttepheadquarters.aspx	PTTEP Headquarters and Our Business		
					https://www.pttep.com/en/OurBusiness.aspx	Our Business		
GRI 2	General Disclosures	2-2	Entities included in the organization's sustainability reporting	2022 SR	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Report/download.aspx?Content=5406	About this report, PDF Page 8		
GRI 2	General Disclosures	2-3	Reporting period, frequency and contact point	2022 SR	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Report/download.aspx?Content=5406	About this report, PDF Page 8		
GRI 2	General Disclosures	2-4	Restatements of information	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data	Any changes in remarks as shown in data performance table.	
GRI 2	General Disclosures	2-5	External assurance	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Assurance-Statement.aspx	Assurance Statement		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 2	General Disclosures	2-6	Activities, value chain and other business relationships	PTTEP Website	https://www.pttep.com/en/OurBusiness.aspx	Our Business		
GRI 2	General Disclosures	2-7	Employees	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
GRI 2	General Disclosures	2-9	Workers who are not employees	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
GRI 2	General Disclosures	2-10	Nomination and selection of the highest governance body	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Governance Structure and Key data on the Board of Directors, Specific Committee, Management, Employees, and Others, PDF Page 173-189		
GRI 2	General Disclosures	2-11	Chair of the highest governance body	PTTEP Website	https://www.pttep.com/en/Aboutpttep/Corporategovernance/Thecommittee.aspx	The Committee		
GRI 2	General Disclosures	2-12	Role of the highest governance body in overseeing the management of impacts	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Governance Structure and Key data on the Board of Directors, Specific Committee, Management, Employees, and Others, PDF Page 173-189		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
				PTTEP Website	https://www.pttep.com/en/Aboutpttep/Corporategovernance/Thecommittee.aspx	The Committee		
					https://www.pttep.com/en/Aboutpttep/Corporategovernance/Thecommittee.aspx?Group=122	Corporate Governance and Sustainable Development Committee		
GRI 2	General Disclosures	2-13	Delegation of responsibility for managing impacts	PTTEP Website	https://www.pttep.com/en/Aboutpttep/Corporategovernance/Thecommittee.aspx	The Committee		
					https://www.pttep.com/en/AboutPTTEP/Publications/PTTEPOrganizationalStructure.aspx	PTTEP Organization Structure		
					https://www.pttep.com/en/Sustainability/Sustainability-At-Pttep/Sustainability-Governance-Structure.aspx	Sustainability Governance Structure		
					https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management		
GRI 2	General Disclosures	2-14	Role of the highest governance body in sustainability reporting	PTTEP Website	https://www.pttep.com/en/Sustainability/Sustainability-At-Pttep/Sustainability-Governance-Structure.aspx	Sustainability Governance Structure		
GRI 2	General Disclosures	2-15	Conflicts of interest	PTTEP Website	https://www.pttep.com/en/Aboutpttep/Corporategovernance/CgandbusinessEthics.aspx	CG and Business Ethics	Section 3: Business Ethics of the PTTEP Group, Sub-topic: 05. Conflicts of Interest	
GRI 2	General Disclosures	2-16	Communication of critical concerns	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management		
GRI 2	General Disclosures	2-17	Collective knowledge of the highest governance body	PTTEP Website	https://www.pttep.com/en/Aboutpttep/Corporategovernance/Cgreport.aspx	CG Reporting	Section: Related Documents, Sub-topic: Trainings of Directors	

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 2	General Disclosures	2-18	Evaluation of the performance of the highest governance body	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Summary of Board's Performance in the Past Year, PDF Page 199-210		
GRI 2	General Disclosures	2-19	Remuneration policies	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Management's Remuneration Policy, PDF Page 190-191		
GRI 2	General Disclosures	2-20	Process to determine remuneration	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Nominating and Remuneration Committee, PDF Page 185-186 The Nominating and Remuneration Committee Report, PDF Page 228-229		
GRI 2	General Disclosures	2-21	Annual total compensation ratio	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
				2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Management's Remuneration Policy, PDF Page 190-191		
GRI 2	General Disclosures	2-22	Statement on sustainable development strategy	2022 SR	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Report/download.aspx?Content=5406	Sustainability Statement, PDF Page 10		
				PTTEP Website	https://www.pttep.com/en/Sustainability/Sustainability-At-Pttep/Sustainability-Framework-And-Strategy.aspx	Sustainability Framework and Strategy		
GRI 2	General Disclosures	2-23	Policy commitments	PTTEP Website	https://www.pttep.com/en/Aboutpttep/Corporategovernance/CgandbusinessEthics.aspx	CG and Business Ethics		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
					https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management		
GRI 2	General Disclosures	2-24	Embedding policy commitments	PTTEP Website	https://www.pttep.com/en/Sustainability.aspx	Sustainability Section: Sustainability Framework and Strategy, Sustainability Policy, and Guideline		
					https://www.pttep.com/en/Sustainability/Social-Value-Creation/Human-Rights.aspx	Human Rights Management System Guideline		
					https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Supply-Chain-Management.aspx	Supply Chain Management		
GRI 2	General Disclosures	2-25	Processes to remediate negative impacts	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management		
					https://www.pttep.com/en/Sustainability.aspx	Sustainability		
GRI 2	General Disclosures	2-26	Mechanisms for seeking advice and raising concerns	PTTEP Website	https://www.pttep.com/en/Aboutpttep/Corporategovernance/Reportingandwhistleblowingregulations.aspx	Reporting & Whistleblowing Regulations		
GRI 2	General Disclosures	2-27	Compliance with laws and regulations	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Governance, Risk Management, and Compliance Performance Data)		
GRI 2	General Disclosures	2-28	Membership associations	2022 SR	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Report/download.aspx?Content=5406	Awards and Recognitions, PDF Page 52-55		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
				PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Economic Performance Data)		
GRI 2	General Disclosures	2-29	Approach to stakeholder engagement	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Stakeholdermanagement.aspx	Stakeholder Management		
GRI 2	General Disclosures	2-30	Collective bargaining agreements	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Human-Resource-Management.aspx	Human Resource management, Labor Practice	All employees are covered by collective bargaining agreement.	
GRI 3: Material Topics 2021								
GRI 3	Material Topics	3-1	Process to determine material topics	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Materiality Assessment, PDF Page 96-97		
				PTTEP Website	https://www.pttep.com/en/Sustainability/Sustainability-At-Pttep/Sustainability-Framework-And-Strategy.aspx	Materiality Issues		
GRI 3	Material Topics	3-2	List of material topics	PTTEP Website	https://www.pttep.com/en/Sustainability/Sustainability-At-Pttep/Sustainability-Framework-And-Strategy.aspx	Materiality Issues		
				2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Materiality Assessment, PDF Page 96-97		
GRI 3	Material Topics	3-3	Management of material topics	PTTEP Website	https://www.pttep.com/en/Sustainability/Sustainability-At-Pttep/Sustainability-Framework-And-Strategy.aspx	Sustainability Framework and Strategy (Material Issues and Boundaries)	However, the management approach and its components still exist per each material topics	
GRI 200: Economic Series								

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 201 (2016)	Economic Performance	201-1,	Direct economic value generated and distributed	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Economic Performance Data /Human Resource Performance Data / Social Development Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11- 14, 11-21						
GRI 204 (2016)	Procurement Practices	204-1,	Proportion of spending on local suppliers	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Supply Chain Performance data)		
GRI 11 (2021)	Oil & Gas Sector	11-14						
GRI 205 (2016)	Anti-corruption	205-2,	Communication and training about anti-corruption policies and procedures	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Governance, Risk Management, and Compliance Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-20						
GRI 205 (2016)	Anti-corruption	205-3,	Confirmed incidents of corruption and actions taken	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Governance, Risk Management, and Compliance Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-20						
GRI 206 (2016)	Anti-competitive Behavior	206-1,	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Business Ethics, PDF Page 165-166		
GRI 11 (2021)	Oil & Gas Sector	11-19						

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 207 (2019)	Tax	207-1,	Approach to tax	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Tax-Strategy-And-Payment-Transparency.aspx	Tax Strategy and Payment Transparency		
GRI 11 (2021)	Oil & Gas Sector	11-21						
GRI 207 (2019)	Tax	207-4,	Country-by-country reporting	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Economic Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-21						
GRI 300: Environmental Series								
GRI 302 (2016)	Energy	302-1,	Energy consumption within the organization	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-1						
GRI 302 (2016)	Energy	302-3,	Energy intensity	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-1						
GRI 303 (2018)	Water and Effluents	303-1,	Interactions with water as a shared resource	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Environmental-Management.aspx	Environmental Management		
GRI 11 (2021)	Oil & Gas Sector	11-6						
GRI 303 (2018)	Water and Effluents	303-2,	Management of water discharge-related impacts	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Environmental-Management.aspx	Environmental Management		
GRI 11 (2021)	Oil & Gas Sector	11-6						

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 303 (2018)	Water and Effluents	303-3,	Water withdrawal	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		●
GRI 11 (2021)	Oil & Gas Sector	11-6				(Environmental Performance Data)		
GRI 303 (2018)	Water and Effluents	303-4,	Water discharge	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		●
GRI 11 (2021)	Oil & Gas Sector	11-6	Hydrocarbons discharge			(Environmental Performance Data)		
GRI 303 (2018)	Water and Effluents	303-5,	Water consumption	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		●
GRI 11 (2021)	Oil & Gas Sector	11-6				(Environmental Performance Data)		
GRI 304 (2016)	Biodiversity	304-1,	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Biodiversity-And-Ecosystem-Services-Management.aspx	Biodiversity and Ecosystem Services Management	Operational sites owned, leased, managed in, or adjacent to, protected areas	●
GRI 11 (2021)	Oil & Gas Sector	11-4				https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)	
GRI 304 (2016)	Biodiversity	304-2,	Significant impacts of activities, products and services on biodiversity	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		●
GRI 11 (2021)	Oil & Gas Sector	11-4				(Environmental Performance Data)		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 305 (2016)	Emissions	305-1,	Direct (Scope 1) GHG emissions	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-1						
GRI 305 (2016)	Emissions	305-2,	Energy indirect (Scope 2) GHG emissions	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-1						
GRI 305 (2016)	Emissions	305-3,	Other indirect (Scope 3) GHG emissions	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-1						
GRI 305 (2016)	Emissions	305-4,	GHG emissions intensity	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-1						
GRI 305 (2016)	Emissions	305-5,	Reduction of GHG emissions	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-2						
GRI 305 (2016)	Emissions	305-6	Emissions of ozone-depleting substances (ODS)	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 305 (2016)	Emissions	305-7,	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-3						
GRI 306 (2020)	Waste	306-1,	Waste generation and significant waste-related impacts	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Waste-Management.aspx	Waste Management		
GRI 11 (2021)	Oil & Gas Sector	11-5						
GRI 306 (2020)	Waste	306-2,	Management of significant waste-related impacts	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Waste-Management.aspx	Waste Management		
GRI 11 (2021)	Oil & Gas Sector	11-5						
GRI 306 (2016)	Effluents and Waste	306-3,	Significant spills	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-8						
GRI 306 (2020)	Waste	306-3,	Waste generated	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-5						
GRI 306 (2020)	Waste	306-4,	Waste diverted from disposal	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-5						

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 306 (2020)	Waste	306-5,	Waste directed to disposal	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-5						
GRI 308 (2016)	Supplier Environmental Assessment	308-1	New suppliers that were screened using environmental criteria	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Supply Chain Performance data)		
GRI 400: Social Series								
GRI 401 (2016)	Employment	401-1,	New employee hires and employee turnover	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-10						
GRI 401 (2016)	Employment	401-3,	Parental leave	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-10, 11-11						
GRI 403 (2018)	Occupational Health and Safety	403-1,	Occupational health and safety management system	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Safety-Security-Health-And-Environment.aspx	Safety, Security, Health and Environment		
GRI 11 (2021)	Oil & Gas Sector	11-9						
GRI 403 (2018)	Occupational Health and Safety	403-2,	Hazard identification, risk assessment, and incident investigation	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Safety-Security-Health-And-Environment.aspx	Safety, Security, Health and Environment		
GRI 11 (2021)	Oil & Gas Sector	11-9						

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 403 (2018)	Occupational Health and Safety	403-3,	Occupational health services	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Safety-Security-Health-And-Environment.aspx	Safety, Security, Health and Environment		
GRI 11 (2021)	Oil & Gas Sector	11-9						
GRI 403 (2018)	Occupational Health and Safety	403-4,	Worker participation, consultation, and communication on occupational health and safety	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Safety-Security-Health-And-Environment.aspx	Safety, Security, Health and Environment		
GRI 11 (2021)	Oil & Gas Sector	11-9						
GRI 403 (2018)	Occupational Health and Safety	403-5,	Worker training on occupational health and safety	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Safety-Security-Health-And-Environment.aspx	Safety, Security, Health and Environment		
GRI 11 (2021)	Oil & Gas Sector	11-9						
GRI 403 (2018)	Occupational Health and Safety	403-6,	Promotion of worker health	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Safety-Security-Health-And-Environment.aspx	Safety, Security, Health and Environment		
GRI 11 (2021)	Oil & Gas Sector	11-9						
GRI 403 (2018)	Occupational Health and Safety	403-7,	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Safety-Security-Health-And-Environment.aspx	Safety, Security, Health and Environment		
GRI 11 (2021)	Oil & Gas Sector	11-9						

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 403 (2018)	Occupational Health and Safety	403-8,	Workers covered by an occupational health and safety management system	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Health and Safety Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-9						
GRI 403 (2018)	Occupational Health and Safety	403-9,	Work-related injuries	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Health and Safety Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-9						
GRI 403 (2018)	Occupational Health and Safety	403-10,	Work-related ill health	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Health and Safety Performance Data)		●
GRI 11 (2021)	Oil & Gas Sector	11-9						
GRI 404 (2016)	Training and Education	404-1,	Average hours of training per year per employee	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-10, 11-11						
GRI 404 (2016)	Training and Education	404-2,	Programs for upgrading employee skills and transition assistance programs	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Human-Resource-Management.aspx	Human Resource Management		
GRI 11 (2021)	Oil & Gas Sector	11-7, 11-10		PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 404 (2016)	Training and Education	404-3	Percentage of employees receiving regular performance and career development reviews	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
GRI 405 (2016)	Diversity and Equal Opportunity	405-1,	Diversity of governance bodies and employees	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-11						
GRI 405 (2016)	Diversity and Equal Opportunity	405-2,	Ratio of basic salary and remuneration of women to men	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-11						
GRI 411 (2016)	Rights of Indigenous Peoples	411-1,	Incidents of violations involving rights of indigenous peoples	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Rights Performance Data)		
GRI 11 (2021)	Oil & Gas Sector	11-17						
GRI 412 (2016)	Human Rights Assessment	412-1	Operations that have been subject to human rights reviews or impact assessments	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Human Resource Performance Data)		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 412 (2016)	Human Rights Assessment	412-2	Employee training on human rights policies or procedures	PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Human-Rights.aspx	Human Rights		
GRI 413 (2016)	Local Communities	413-1,	Operations with local community	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		
GRI 11 (2021)	Oil & Gas Sector	11-15	engagement, impact assessments, and development programs			(Social Development Performance Data)		
GRI 414 (2016)	Supplier Social Assessment	414-1,	New suppliers that were screened using	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		
GRI 11 (2021)	Oil & Gas Sector	11-10, 11-12	social criteria			(Supply Chain Performance data)		
GRI 415 (2016)	Public Policy	415-1,	Political contributions	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		
GRI 11 (2021)	Oil & Gas Sector	11-22				(Economic Performance Data)		
GRI 11 (2021)	Reserves	11-14 (OG1)	Volume and type of estimated proved reserves and production	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		
G4-OG1						(Economic Performance Data)		
GRI 11 (2021)	Energy	11-4 (OG2)	Total amount invested in renewable energy	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data		
G4-OG2						(Environmental Performance Data)		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 11 (2021) G4-OG3	Energy	11-4 (OG3)	Total amount of renewable energy generated by source	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		
GRI 11 (2021) G4-OG4	Ecosystem Services including Biodiversity	11-4 (OG4)	Number and percentage of significant operating sites in which biodiversity risk has been assessed and monitored	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021) G4-OG5	Effluents and Waste	11-6 (OG5)	Volume and disposal of formation or produced water	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021) G4-OG6	Effluents and Waste	11-1 (OG6)	Volume of flared and vented hydrocarbon	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●
GRI 11 (2021) G4-OG7	Effluents and Waste	11-5 (OG7)	Amount of drilling waste (drill mud and cuttings) and strategies for treatment and disposal	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)		●

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 11 (2021) G4-OG10	Local Communities	11-15 (OG10)	Number and description of significant disputes with local communities and indigenous peoples	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Social Development Performance Data)	No disputes with local communities and indigenous people.	
GRI 11 (2021) G4-OG11	Local Communities	11-15 (OG11)	Number of sites that have been decommissioned and sites that are in the process of being decommissioned	-		-	Bongkot project is in the decommissioning process	
GRI 11 (2021) G4-OG13	Asset Integrity and Process Safety	11-8 (OG13)	Number of process safety events, by business activity	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Health and Safety Performance Data)		●

INTEGRATED REPORTING (IR)

Capital	Description	Channel	URL	Section / Page
Financial Capital	The pool of funds that is available to an organization for use in the production of goods or the provision of services obtained through financing such as debt, equity or grants or generated through operations or investments.	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Tax-Strategy-And-Payment-Transparency.aspx	Tax Strategy and Payment Transparency
Manufactured Capital	Manufactured physical objects that are available to an organization for use in the production of goods or the provision of services (e.g. buildings, production, equipment and infrastructure).	PTTEP Website	https://www.pttep.com/en/Sustainability/Net-Zero-Ghg-Emissions.aspx	PTTEP's goal to achieve Net Zero Greenhouse Gas Emissions
		PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Environmental-Management.aspx	Environmental Management
Intellectual Capital	Organizational, knowledge-based intangibles including intellectual property (e.g. patents, copyrights, software, rights and licenses) and organizational capital (e.g. tacit knowledge, systems procedures and protocols).	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Technology-And-Knowledge-Management.aspx	Technology and Knowledge Management
Human Capital	People's competencies, capabilities and experience, and their motivations to innovate.	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Human-Resource-Management.aspx	Human Resource Management
		PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Human-Rights.aspx	Human Rights
Social and Relationship Capital	The institutions and relationships established within and between each community, group of stakeholders and other networks and an ability to share information) to enhance individual and collective well-being (e.g. shared norms, common values and behaviors; key stakeholder relationships; intangibles associated with the brand and reputation; social license to operate).	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Corporate-Governance-And-Business-Ethics.aspx	Corporate Governance and Business Ethics
		PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Socialdevelopment.aspx	Social Development
		PTTEP Website	https://www.pttep.com/en/Sustainability/Social-Value-Creation/Stakeholdermanagement.aspx	Stakeholder Management
Natural Capital	All renewable and non-renewable environmental stocks that provide goods and services that support the current and future prosperity of an organization (e.g. air, water, land, minerals and forests biodiversity and eco-system health).	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Environmental-Management.aspx	Environmental Management

TASKFORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURES (TCFD)

TCFD Recommendation	PTTEP Disclosure (URLs and Reports)		
Governance: Disclose the organization's governance around climate-related risks and opportunities.			
a) Describe the board's oversight of climate-related risks and opportunities.	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management
b) Describe management's role in assessing and managing climate-related risks and opportunities.	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management
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.	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualrepoort/download.aspx?Content=5405	Risk management Section: Climate Change Risks, PDF Page 92-94
	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Environmental-Management.aspx	Environmental Management
b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualrepoort/download.aspx?Content=5405	Risk management Section: Climate Change Risks, PDF Page 92-94
	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management
c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualrepoort/download.aspx?Content=5405	Risk management Section: Climate Change Risks, PDF Page 92-94
	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Climate-Change-Management.aspx	Climate Change Management
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.	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Climate-Change-Management.aspx	Climate Change Management

TCFD Recommendation	PTTEP Disclosure (URLs and Reports)		
	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management
b) Describe the organization's processes for managing climate-related risks.	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management
c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	PTTEP Website	https://www.pttep.com/en/Sustainability/Governance-For-Sustainable-Business/Risk-And-Crisis-Management.aspx	Risk and Crisis Management
	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Climate-Change-Management.aspx	Climate Change Management
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.	2022 AR	https://www.pttep.com/en/OurBusiness/Publications/Annualreport/download.aspx?Content=5405	Risk management Section: Climate Change Risks, PDF Page 92-94
	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Climate-Change-Management.aspx	Climate Change Management
b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	PTTEP Website	https://www.pttep.com/en/Sustainability/Disclosure/Sustainability-Performance-Data.aspx	Sustainability Performance Data (Environmental Performance Data)
	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Climate-Change-Management.aspx	Climate Change Management
c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	PTTEP Website	https://www.pttep.com/en/Sustainability/Environmental-Stewardship/Climate-Change-Management.aspx	Climate Change Management
	PTTEP Website	https://www.pttep.com/en/Sustainability/Net-Zero-Ghg-Emissions.aspx	PTTEP's goal to achieve Net Zero Greenhouse Gas Emissions