

ข้อมูลตามตัวชี้วัด

GLOBAL REPORTING INITIATIVE (GRI) AND UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS (UN SDGs)

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 102	General Disclosures	102-01	Name of the organization	SR2020	-	Cover and Back Cover		
GRI 102	General Disclosures	102-02	Activities, brands, products, and services	PTTEP Website	https://www.pttep.com/th/OurBusiness.aspx	Our Business		
GRI 102	General Disclosures	102-03	Location of headquarters	PTTEP Website	https://www.pttep.com/th/Aboutpttep/Pttepgroup/Pttepheadquarters.aspx	PTTEP Headquarters		
GRI 102	General Disclosures	102-04	Location of operations	PTTEP Website	https://www.pttep.com/th/OurBusiness.aspx	Our Business		
GRI 102	General Disclosures	102-05	Ownership and legal form	PTTEP Website	https://www.pttep.com/th/InvestorRelations/ShareholderInformation/Top10Shareholders.aspx	Major Shareholders		
					https://www.pttep.com/th/Aboutpttep/Corporategovernance/Bylaws.aspx (Affidavit)	By-Laws		
GRI 102	General Disclosures	102-06	Markets served	PTTEP Website	https://www.pttep.com/th/OurBusiness.aspx	Our Business		
GRI 102	General Disclosures	102-07	Scale of the organization	PTTEP Website	https://www.pttep.com/th/OurBusiness.aspx	Our Business		
GRI 102	General Disclosures	102-08	Information on employees and other workers	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)	Related to SDGs Targets: 8.5, 10.3	

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 102	General Disclosures	102-09	Supply chain	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Supply Chain Management)		
GRI 102	General Disclosures	102-10	Significant changes to the organization and its supply chain	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Supply Chain Management)	No significant changes during the reporting year.	
GRI 102	General Disclosures	102-11	Precautionary Principle or approach	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceskmanagementandcompliance/Riskandcrisismanagement.aspx	Risk and Crisis Management		
GRI 102	General Disclosures	102-12	External initiatives	SR2020	-	Achievements, Page 10-14		
GRI 102	General Disclosures	102-13	Membership of associations	SR2020	-	Achievements, Page 10-15		
GRI 102	General Disclosures	102-14	Statement from senior decision-maker	SR2020	-	CEO Message, Page 4-6		
GRI 102	General Disclosures	102-15	Key impacts, risks, and opportunities	AR2020	-	Risk Management, Page 74-85		
GRI 102	General Disclosures	102-16	Values, principles, standards, and norms of behavior	PTTEP Website	https://www.pttep.com/th/Aboutpttep/Corporategovernance/CgandbusinessEthics.aspx	CG and Business Ethics	Related to SDGs Target: 16.3	
GRI 102	General Disclosures	102-17	Mechanisms for advice and concerns about ethics	PTTEP Website	https://www.pttep.com/th/Aboutpttep/Corporategovernance/Reportingandwhistleblowingregulations.aspx	Reporting and Whistleblowing Regulations	Related to SDGs Target: 16.3	
GRI 102	General Disclosures	102-18	Governance structure	PTTEP Website	https://www.pttep.com/th/AboutPTTEP/Publications/PTTEPOrganizationStructure.aspx	PTTEP Organization Structure		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 102	General Disclosures	102-19	Delegating authority	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Sustainabilityatpttep/Sdgvovernancestructure.aspx	SD Governance Structure		
GRI 102	General Disclosures	102-20	Executive-level responsibility for economic, environmental, and social topics	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Sustainabilityatpttep/Sdgvovernancestructure.aspx	SD Governance Structure		
GRI 102	General Disclosures	102-21	Consulting stakeholders on economic, environmental, and social topics	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Stakeholdermanagement.aspx	Stakeholder Management	Related to SDGs Target: 16.7	
GRI 102	General Disclosures	102-22	Composition of the highest governance body and its committees	PTTEP Website	https://www.pttep.com/th/Aboutpttep/Corporategovernance/Thecommittee.aspx	Committee	Related to SDGs Targets: 5.5, 16.7	
GRI 102	General Disclosures	102-23	Chair of the highest governance body	PTTEP Website	https://www.pttep.com/th/Aboutpttep/Corporategovernance/Thecommittee.aspx	Committee	Related to SDGs Target: 16.6	
GRI 102	General Disclosures	102-24	Nominating and selecting the highest governance body	PTTEP Website	https://www.pttep.com/th/Aboutpttep/Corporategovernance/CgandbusinessEthics.aspx	CG and Business Ethics	Sub-topic: 6.2 Selection of Directors and Chief Executive Officer Related to SDGs Targets: 5.5, 16.7	

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 102	General Disclosures	102-25	Conflicts of interest	PTTEP Website	https://www.pttep.com/th/Aboutpttep/Corporategovernance/CgandbusinessEthics.aspx	CG and Business Ethics	Sub-topic: 6.3 Roles of the Board of Directors and Management, Conflict of Interest Prevention. Related to SDGs Target: 16.6	
GRI 102	General Disclosures	102-26	Role of highest governance body in setting purpose, values, and strategy	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Sustainabilityatpttep/Sdgvovernancestructure.aspx	SD Governance Structure		
GRI 102	General Disclosures	102-27	Collective knowledge of highest governance body	PTTEP Website	https://www.pttep.com/th/Aboutpttep/Corporategovernance/Cgreport.aspx	CG Report	Training of Directors	
GRI 102	General Disclosures	102-28	Evaluating the highest governance body's performance	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center		
GRI 102	General Disclosures	102-32	Highest governance body's role in sustainability reporting	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Approachto reporting.aspx	Approach to Reporting		
GRI 102	General Disclosures	102-33	Communicating critical concerns	AR2020	-	Whistleblowing Reporting, Page 219-220		
GRI 102	General Disclosures	102-34	Nature and total number of critical concerns	AR2020	-	Whistleblowing Reporting, Page 220		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 102	General Disclosures	102-35	Remuneration policies	AR2020	-	Remunerations, Page 179-180, 186-187, 211, 226-227		
GRI 102	General Disclosures	102-36	Process for determining remuneration	AR2020	-	Remunerations, Page 179-180, 186-187, 211, 226-227		
GRI 102	General Disclosures	102-37	Stakeholders' involvement in remuneration	AR2020	-	Remunerations, Page 226-227	Related to SDGs Target: 16.7	
GRI 102	General Disclosures	102-40	List of stakeholder groups	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Stakeholdermanagement.aspx	Stakeholder Management	-	
GRI 102	General Disclosures	102-41	Collective bargaining agreements	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/ApproachtoReporting.aspx	Approach to Reporting (Content Index)	All employees are covered by collective bargaining agreement. Related to SDGs Target: 8.8	
GRI 102	General Disclosures	102-42	Identifying and selecting stakeholders	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Stakeholdermanagement.aspx	Stakeholder Management	-	
GRI 102	General Disclosures	102-43	Approach to stakeholder engagement	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Stakeholdermanagement.aspx	Stakeholder Management	-	
GRI 102	General Disclosures	102-44	Key topics and concerns raised	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Stakeholdermanagement.aspx	Stakeholder Management	-	
GRI 102	General Disclosures	102-45	Entities included in the consolidated financial statements	SR2020	-	About this report, Page 7		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 102	General Disclosures	102-46	Defining report content and topic Boundaries	SR2020	-	About this report, Page 7		
GRI 102	General Disclosures	102-47	List of material topics	SR2020	-	Materiality Assessment, Page 20		
GRI 102	General Disclosures	102-48	Restatements of information	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center	Any changes in remarks as shown in data performance table.	
GRI 102	General Disclosures	102-49	Changes in reporting	SR2020	-	About this report, Page 7		
GRI 102	General Disclosures	102-50	Reporting period	SR2020	-	About this report, Page 7		
GRI 102	General Disclosures	102-51	Date of most recent report	SR2020	-	About this report, Page 7		
GRI 102	General Disclosures	102-52	Reporting cycle	SR2020	-	About this report, Page 7		
GRI 102	General Disclosures	102-53	Contact point for questions regarding the report	SR2020	-	Back Cover of Report		
GRI 102	General Disclosures	102-54	Claims of reporting in accordance with the GRI Standards	SR2020	-	About this report, Page 7		
GRI 102	General Disclosures	102-55	GRI content index	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/ApproachtoReporting.aspx	Approach to Reporting (Content Index)		
GRI 102	General Disclosures	102-56	External assurance	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/AssuranceStatement.aspx	Assurance Statement		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 103	Management Approach	103-01	Explanation of the material topic and its Boundary	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Approachreporting.aspx	Approach to Reporting (Impact Boundary)	However, the explanation of the material topic and its Boundary still exist per each material topics.	
GRI 103	Management Approach	103-02	The management approach and its components	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment.aspx	Sustainable Development	However, the management approach and its components still exist per each material topics.	
GRI 103	Management Approach	103-03	Evaluation of the management approach	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center	However, the evaluation of the management approach still exist per each material topics.	
GRI 201 (2016)	Economic Performance	201-1	Direct economic value generated and distributed	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Business Sustainability)	Related to SDGs Targets: 8.1, 8.2, 9.1, 9.4, 9.5	
GRI 204 (2016)	Procurement Practices	204-1	Proportion of spending on local suppliers	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Supply Chain Management)	Related to SDGs Target: 8.3	
GRI 205 (2016)	Anti-corruption	205-2	Communication and training about anti-corruption policies and procedures	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Corporate Governance & Business Ethics)	Related to SDGs Target: 16.5	
GRI 205 (2016)	Anti-corruption	205-3	Confirmed incidents of corruption and actions taken	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Corporate Governance & Business Ethics)	Related to SDGs Target: 16.5	

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 207 (2016)	Tax	207-1	Approach to tax	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceskmanagementandcompliance/Taxstrategyandpaymenttransparency.aspx	Tax Strategy and Payment Transparency		
GRI 302 (2016)	Energy	302-1	Energy consumption within the organization	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 7.2, 7.3, 8.4, 12.2, 13.1	●
GRI 302 (2016)	Energy	302-3	Energy intensity	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 7.3, 8.4, 12.2, 13.1	
GRI 303 (2018)	Water	303-1	Interactions with water as a shared resource	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Environmentalmanagement.aspx	Environmental Management		
GRI 303 (2018)	Water	303-2	Management of water discharge-related impacts	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Environmentalmanagement.aspx	Environmental Management		
GRI 303 (2018)	Water	303-3	Water withdrawal	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 6.3, 6.4, 8.4, 12.2	●
GRI 303 (2018)	Water	303-4	Water discharge	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 3.9, 6.3, 6.4, 6.6, 12.4, 14.1	●

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
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/th/Sustainabledevelopment/Environment/Biodiversity.aspx	Environmental Management		
GRI 305 (2016)	Emissions	305-1	Direct (Scope 1) GHG emissions	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 3.9, 12.4, 13.1, 14.3, 15.2	●
GRI 305 (2016)	Emissions	305-2	Energy indirect (Scope 2) GHG emissions	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 3.9, 12.4, 13.1, 14.3, 15.2	●
GRI 305 (2016)	Emissions	305-3	Other indirect (Scope 3) GHG emissions	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 3.9, 12.4, 13.1, 14.3, 15.2	●
GRI 305 (2016)	Emissions	305-4	GHG emissions intensity	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 13.1, 14.3, 15.2	
GRI 305 (2016)	Emissions	305-5	Reduction of GHG emissions	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 13.1, 14.3, 15.2	
GRI 305 (2016)	Emissions	305-6	Emissions of ozone-depleting substances (ODS)	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 3.9, 12.4	●

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/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 3.9, 12.4, 14.3, 15.2	●
GRI 306 (2016)	Effluents and Waste	306-2	Waste by type and disposal method	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 3.9, 6.3, 12.4, 12.5	●
GRI 306 (2016)	Effluents and Waste	306-3	Significant spills	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 3.9, 6.3, 6.6, 12.4, 14.1, 15.1	●
GRI 306 (2016)	Effluents and Waste	306-4	Transport of hazardous waste	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 12.4	
GRI 307 (2016)	Environmental Compliance	307-1	Non-compliance with environmental laws and regulations	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)	Related to SDGs Targets: 16.3	
GRI 308 (2016)	Supplier Environmental Assessment	308-1	New suppliers that were screened using environmental criteria	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Supply Chain Management)		
GRI 401 (2016)	Employment	401-1	New employee hires and employee turnover	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)	Related to SDGs Targets: 5.1, 8.5, 8.6, 10.3	

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 401 (2016)	Employment	401-3	Parental leave	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)	Related to SDGs Targets: 5.1, 5.4, 8.5	
GRI 403 (2018)	Occupational Health and Safety	403-1	Workers representation in formal joint management-worker health and safety committees	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Safetysecurityhealthandenvironment.aspx	Safety, Security, Health and Environment		
GRI 403 (2018)	Occupational Health and Safety	403-2	Hazard identification, risk assessment, and incident investigation	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Safetysecurityhealthandenvironment.aspx	Safety, Security, Health and Environment		
GRI 403 (2018)	Occupational Health and Safety	403-3	Occupational health services	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Safetysecurityhealthandenvironment.aspx	Safety, Security, Health and Environment		
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/th/Sustainabledevelopment/Highperformanceorganization/Safetysecurityhealthandenvironment.aspx	Safety, Security, Health and Environment		
GRI 403 (2018)	Occupational Health and Safety	403-5	Worker training on occupational health and safety	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Safetysecurityhealthandenvironment.aspx	Safety, Security, Health and Environment	Related to SDGs Targets: 3.3, 3.9, 8.8	
GRI 403 (2018)	Occupational Health and Safety	403-6	Promotion of worker health	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Safetysecurityhealthandenvironment.aspx	Safety, Security, Health and Environment		

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
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/th/Sustainabledevelopment/Highperformanceorganization/Safetysecurityhealthandenvironment.aspx	Safety, Security, Health and Environment		
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/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Safety, Security, Health and Environment)	Related to SDGs Targets: 3.3, 3.9, 8.8	
GRI 403 (2018)	Occupational Health and Safety	403-9	Work-related injuries	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Safety, Security, Health and Environment)	Related to SDGs Targets: 3.3, 3.9, 8.8	●
GRI 403 (2018)	Occupational Health and Safety	403-10	Work-related ill health	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Safety, Security, Health and Environment)	Related to SDGs Targets: 3.3, 3.9, 8.8	●
GRI 404 (2016)	Training and Education	404-1	Average hours of training per year per employee	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)	Related to SDGs Targets: 4.3, 4.4, 4.5, 5.1, 8.2, 8.5, 10.3	
GRI 404 (2016)	Training and Education	404-2	Programs for upgrading employee skills and transition assistance programs	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)	Related to SDGs Targets: 8.2, 8.5	

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GRI 404 (2016)	Training and Education	404-3	Percentage of employees receiving regular performance and career development reviews	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)	Related to SDGs Targets: 5.1, 8.5, 10.3	
GRI 405 (2016)	Diversity and Equal Opportunity	405-1	Diversity of governance bodies and employees	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)	Related to SDGs Targets: 5.1, 5.5, 8.5	
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/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)	Related to SDGs Targets: 5.1, 8.5, 10.3	
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/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Human Resource Management)		
GRI 413 (2016)	Local Communities	413-1	Operations with local community engagement, impact assessments, and development programs	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Social Development)	-	
GRI 414 (2016)	Supplier Social Assessment	414-1	New suppliers that were screened using social criteria	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Supply Chain Management)	Related to SDGs Targets: 5.2, 8.8, 16.1	

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
GRI 415 (2016)	Public Policy	415-1	Political contributions	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Economics)		
GRI 419 (2016)	Socioeconomic Compliance	419-1	Non-compliance with laws and regulations in the social and economic area	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Governance, Risk Management and Compliance)	Related to SDGs Target: 16.3	
G4-OG1	Reserves	OG1	Volume and type of estimated proved reserves and production	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Business Sustainability)		
G4-OG2	Energy	OG2	Total amount invested in renewable energy	-	-	-	Omission: Not applicable to PTTEP Business.	
G4-OG3	Energy	OG3	Total amount of renewable energy generated by source	-	-	-	Omission: Not applicable to PTTEP Business.	
G4-OG4	Ecosystem Services including Biodiversity	OG4	Number and percentage of significant operating sites in which biodiversity risk has been assessed and monitored	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)		●
G4-OG5	Effluents and Waste	OG5	Volume and disposal of formation or produced water	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)		●

GRI Number	GRI Title	Disclosure Number	Disclosure Title	Channel	URL	Section / Page	Remark	External Assurance
G4-OG6	Effluents and Waste	OG6	Volume of flared and vented hydrocarbon	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)		
G4-OG7	Effluents and Waste	OG7	Amount of drilling waste (drill mud and cuttings) and strategies for treatment and disposal	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Environmental Management)		●
G4-OG10	Local Communities	OG10	Number and description of significant disputes with local communities and indigenous peoples	-	-	-	No disputes with local communities and indigenous people.	
G4-OG11	Local Communities	OG11	Number of sites that have been decommissioned and sites that are in the process of being decommissioned	-	-	-	No projects are in the process of being decommissioned.	
G4-OG13	Asset Integrity and Process Safety	OG13	Number of process safety events, by business activity	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Sustainabilitydatacenter.aspx	Sustainability Data Center (Safety, Security, Health and Environment)		●

Remark: Blue text means indicators with added commentary in GRI Oil and Gas Sector Disclosure (OGSD)


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/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Taxstrategyandpaymenttransparency.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/th/Sustainabledevelopment/Highperformanceorganization/Businesssustainability.aspx	Business Sustainability
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Environmentalmanagement.aspx	Environmental Management (Capital Project 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/th/Sustainabledevelopment/Highperformanceorganization/Innovationandknowledgemanagement.aspx	Innovation and Knowledge Management
Human Capital	People's competencies, capabilities and experience, and their motivations to innovate.	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Humanresource.aspx	Human Resource Management
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Humanrights.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/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Corporategovernanceandbusinessethics.aspx	Corporate Governance and Business Ethics
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Socialdevelopment.aspx	Social Development
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/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/th/Sustainabledevelopment/Stakeholdervaluecreation/Environmentalmanagement.aspx	Environmental Management

UNITED NATIONS GLOBAL COMPACT (UNGC)

COMMUNICATION ON PROGRESS (COP) – ADVANCED LEVEL

 United Nations Global Compact	Criteria of UNGC CoP for the Advance Level	Channel	URL	Section / Page
STRATEGY, GOVERNANCE AND ENGAGEMENT				
Scope: Implementing the Ten Principles into Strategies & Operations	1. Mainstreaming into corporate functions and business units	SR2020	-	Sustainable Development Journey, Page 15-16
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Sustainabilityatpttep/Sdgo-vernancestructure.aspx	SD Governance Structure
	2. Value chain implementation	SR2020	-	Value Creation: From We to World, Page 8-9
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Supplychainmanagement.aspx	Supply Chain Management
HUMAN RIGHTS				
Principle 1: Support and respect the protection of internationally proclaimed human rights Principle 2: Not complicit in human rights abuses	3. Robust commitments, strategies or policies in the area of human rights	SR2020	-	Human Rights, Page 37
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Humanrights.aspx	Human Rights
		SR2020	-	Human Rights, Page 37

 United Nations Global Compact	Criteria of UNGC CoP for the Advance Level	Channel	URL	Section / Page
	4. Effective management systems to integrate the human rights principles	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Humanrights.aspx	Human Rights
	5. Effective monitoring and evaluation mechanisms of human rights integration	SR2020	-	Human Rights, Page 37
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Humanrights.aspx	Human Rights
LABOUR				
Principle 3: Uphold the freedom of association and the effective recognition of the right to collective bargaining	6. Robust commitments, strategies or policies in the area of labor	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Humanresource.aspx	Human Resource Management
Principle 4: Uphold the elimination of all forms of forced and compulsory labour		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Supplychainmanagement.aspx	Supply Chain Management
Principle 5: Uphold the effective abolition of child labour	7. Effective management systems to integrate the labor principles	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Humanresource.aspx	Human Resource Management
Principle 6: Uphold the elimination of discrimination in respect of employment and occupation		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Supplychainmanagement.aspx	Supply Chain Management
	8. Effective monitoring and evaluation mechanisms of labor principles integration	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Humanresource.aspx	Human Resource Management
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Supplychainmanagement.aspx	Supply Chain Management
ENVIRONMENT				
Principle 7: Support a precautionary approach to environmental challenges	9. Robust commitments, strategies or policies in the area of environmental stewardship	SR2020	-	Stakeholder Value Creation, Page 39 - 47
Principle 8: Undertake initiatives to promote greater environmental responsibility		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Environmentalmanagement.aspx	Environmental Management
Principle 9: Encourage the development and diffusion of environmentally friendly technologies	10. Effective management systems to integrate the environmental principles	SR2020	-	Stakeholder Value Creation, Page 39 - 47
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Environmentalmanagement.aspx	Environmental Management

 United Nations Global Compact	Criteria of UNGC CoP for the Advance Level	Channel	URL	Section / Page
	11. Effective monitoring and evaluation mechanisms for environmental stewardship	SR2020	-	Stakeholder Value Creation, Page 39 - 47
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Environmentalmanagement.aspx	Environmental Management
ANTI-CORRUPTION				
Principle 10: Work against corruption in all its forms, including extortion and bribery	12. Robust commitments, strategies or policies in the area of anti-corruption	SR2020	-	GRC, Page 34-35
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Corporategovernanceandbusinessethics.aspx	Corporate Governance and Business Ethics
	13. Effective management systems to integrate the anti-corruption principle	SR2020	-	GRC, Page 34-35
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Corporategovernanceandbusinessethics.aspx	Corporate Governance and Business Ethics
	14. Effective monitoring and evaluation mechanisms for the integration of anti-corruption	SR2020	-	GRC, Page 34-35
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Corporategovernanceandbusinessethics.aspx	Corporate Governance and Business Ethics
UN GOALS AND ISSUES				
Scope: Taking action in support of broader UN goals and issues	15. Core business contributions to UN goals and issues	SR2020	-	Sustainable Development Strategy, Page 19
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Disclosure/Approachtoreporting.aspx	Approach to Reporting
	16. Strategic social investments and philanthropy	SR2020	-	Values Creation for Society, Page 48-51
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Socialdevelopment.aspx	Social Development
	17. Advocacy and public policy engagement	PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Environmentalmanagement.aspx	Environmental Management
	18. Partnerships and collective action	SR2020	-	Page 46-47, 49-51
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Highperformanceorganization/Businesssustainability.aspx	Business Sustainability

 United Nations Global Compact	Criteria of UNGC CoP for the Advance Level	Channel	URL	Section / Page
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Humanrights.aspx	Human Rights
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Sustainabilityatpttep.aspx	Sustainability at PTTEP
GOVERNANCE				
Scope: Corporate sustainability governance and leadership	19. CEO commitment and leadership	SR2020	-	CEO Message, Page 4-6
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Sustainabilityatpttep/Sdgostructure.aspx	SD Governance Structure
	20. Board adoption and oversight	SR2020	-	Sustainable Development Journey, Page 15-16
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Governanceriskmanagementandcompliance/Corporategovernanceandbusinessethics.aspx	Corporate Governance and Business Ethics
		PTTEP Website	https://www.pttep.com/th/Sustainabledevelopment/Sustainabilityatpttep/Sdgostructure.aspx	SD Governance Structure
	21. Stakeholder engagement	SR2020	-	Value Creation: From We to World, Page 8-9
PTTEP Website		https://www.pttep.com/th/Sustainabledevelopment/Stakeholdervaluecreation/Stakeholdermanagement.aspx	Stakeholder Management	