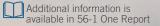
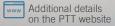
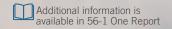
Linkage with the United Nations Sustainable Development Goals, Indicators, Targets, and Performance of PTT in 2023

3 Good Health and Well B	eing PTT is dedicated to creating a communit and minimizing road accidents.	y with good v	vell-being and	a conducive work environment, promoting health, reducing pollution (expos
SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects	
Torget 3.4 By 2030, reduce by one third premature r from non-communicable diseases t prevention and treatment and promote health and well-being Torget 3.9 By 2030, substantially reduce the nur deaths and illnesses from hazardous ch and air, water and soil pollution and contar	hrough mental Total Recordable Occupational Illness Rate (TROIR) per 200,000 hours worked for employees nber of emicals	≤ 0.084	0	 Health Risk Assessment (HRA) Project Non-Communicable Diseases (NCDs) Project 	Pag V Add infor
Torget 3.6 By 2020, halve the number of global dea injuries from road traffic accidents	Major car accidents Major truck accident rate (time per 1,000,000 kilometers)	0	1	 Advanced Safety Vehicle (ASV) Installation Manage contract of product transportation to monitor driving behavior in company's car fleet, ensuring compliance of safety, occupational health, and environmental criteria Conduct regular supplier audits of work practices according to the PTT Group Road Safety Management Guideline (RSMG) 	Page w Addi inforr
6 Clean Water and Sanitar	PTT is committed to sustainable water of for production processes and wastewater.			the comprehensive management of water resources oring water-related ecosystems.	
SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects	
Torget 6.3 By 2030, improve water quality by repollution, eliminating dumping and mirrelease of hazardous chemicals and malving the proportion of untreated was and substantially increasing recycling a reuse globally	imizing effluent from PTT facilities does not aterials, comply with the legal requirements tewater	0	0	Design and implement equipment/ technologies for preventing, controlling, and reducing pollutants at source, including treating and disposing of effluents as mandated by law	Addinfor

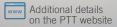




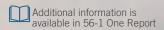
	SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects	
ARRETT 6-5	Torget 6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity Torget 6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate	Water consumption intensity (liter per person per day) for office building Freshwater withdrawal intensity (cubic meter per ton of product) for the Natural Gas Separation Plants	≤ 144 ≤ 0.291	124 0.257	 Greywater Recycle: The used water from handwashing is treated and recycled for reuse for sanitation purposes Unit 5 natural gas separator utilizes wastewater from dehydration as makeup water for the Acid Gas Removal Unit (AGRU) Water supply management Water demand management Further details can be found in Form 56-1 One Report, Part 3: Driving Business towards Sustainability, Section 1: Business Operations and Performance 	Page 169 www Additional information
AFFOODMEE MOD CLEAN EMERCY	7 Affordable and Clean Energy SDGs Targets	PTT aims to develop a sustainable clear and controlling greenhouse gas emissio PTT's 2023 Indicators		n, focusing on 2023 Result	increasing investment in renewable energy Examples of related projects	
RGEI 7-1 FIFTH A SCEEN TO CONTROL TO CONTRO	Torget 7.1 By 2030, ensure universal access to affordable, reliable and modern energy services Torget 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix	 Increasing the investment in the renewable energy business 	15 GW by 2030, up from the previous 12 GW	4.9 GW	 Establishing a subsidiary of PTT to support investment and development of renewable energy projects The implementation of solar panels in the work area to harness renewable energy as an alternative to electricity sourced from the grid Transitioning to electric cars instead of internal combustion engine vehicles 	Page 158 www Additional
ARGET 7-3	Torget 7.3 By 2030, double the global rate of improvement in energy efficiency	Control greenhouse gas (GHG) emissions by reducing PTT's GHG emissions by 2030 compared to the emissions in 2020	15% by 2030	Currently in progress	 Projects aligned with the 3P Decarbonization Pathways, focusing on accelerating the optimization of production processes (Pursuit of Lower Emissions), such as: The unlocking project of the Carbon Dioxide Removal Unit (CDU) of Unit 5 and 6 in the Natural Gas Separation Plant, which involves optimizing the solvent composition suitable for carbon dioxide removal, can reduce 	Page 163 www Additional information

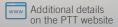


energy consumption and carbon dioxide emissions



	SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects	
		moleculors	raigot	Rosott		
TH.	Torget 8.1 Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 percent gross domestic product growth per annum in the least developed countries	• Long-term goals for 2030: Business Growth: Expand growth in the energy business with potential	LNG business:9 million tons per year5-gigawatt electricity business15-gigawatt renewable	-	• Investments to expand and execute business plans according to the PTT's business vision	Page Add info
TE	Target 8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labor-intensive sectors	• Long-term goals for 2030: New Growth: Achieve net profit from the growth in future energy and new businesses beyond energy	energy business > 30% by 2030	Currently in progress		
TO TION	Target 8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services	• Performance indicators and progress will be reported in detail in the 56-1 One Report for 2023 under the Innovation and Technology section			 Projects include research, development, and advancements in various sciences, technologies, and innovations Various social enterprise projects 	
)	Target 8.4 Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation,	Applying the principle of the circular economy in the PTT Group's business operation according to BS8001:2017	• Level 3 by 2030	• 2.67	 Proper waste management ensures non- hazardous waste disposal Waste management stemming from the 	Ad- info
	in accordance with the 10 Year Framework of Programmes on Sustainable Consumption and Production, with developed countries taking the lead	•Increase the volume of waste managed through circular practices by PTT Group	•≥42%	• 42%	utilization of products within PTT Group • Studying the PTT Group's waste database to support the zero waste goal	
\	Torget 8.8 Protect labor rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious	• Lost Time Accident (LTA) Rate	Employees = 0 Contractors = 0	0 3	Implementing projects to cultivate a safety culture across various work areas PTT Safety Risk Assessment & Assurance	[Pa
	employment	Total Recordable Injuries Rate (TRIR) per 200,000 hours worked	Employees ≤ 0.046 Contractors ≤ 0.056	0.033 0.028	involves conducting inspections and assessments to evaluate risks and ensure safety measures in PTT's operational areas • The implementation of Process Safety	Add info
		Process Safety Event (PSE)	Tier 1 = 0	0	Management (PSM) for PTT's operations, applying safety management practices from the manufacturing process to operational	





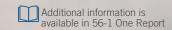
SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects
Torget 8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	 Human rights violation, including labor rights violation 	0	0	 Adhering humanrights principles as started in the PTT Human Rights Statement throughout the value chain Develop and implement a human rights
Torget 8.7 Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour,	 Human rights violation, including labor rights violation 	0	0	management framework within PTT Group Conduct an initiative to increase awareness of human rights among employees and stakeholders
including recruitment and use of child soldiers, and by 2025 end child labour in all its forms				
, ,	PTT drives sustainable developm and prudent investment in relevo			, emphasizing the promotion of technology and innovation
child labour in all its forms				, emphasizing the promotion of technology and innovation Examples of related projects

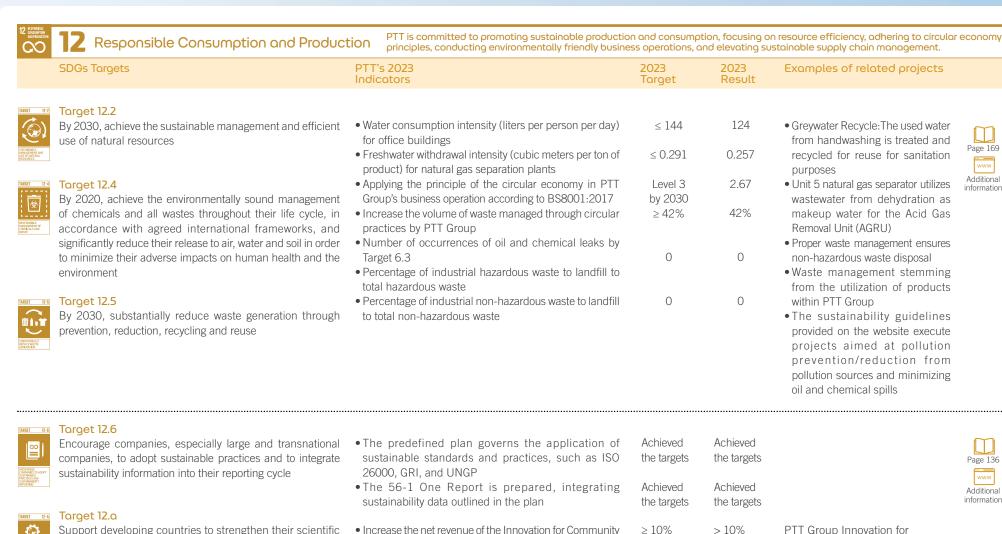


Target 9.5

Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending

 Performance indicators and progress will be reported in detail in the 56-1 One Report for 2023 under the Innovation and Technology section Projects include research, development, and advancements in various sciences, technologies, and innovations







Support developing countries to strengthen their scientific and technological capacities to move towards more sustainable patterns of consumption and production

• Increase the net revenue of the Innovation for Community Project compared to the baseline

> 10% PTT Group Innovation for Happiness Project



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Additional



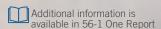


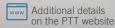
Promote public procurement practices that are sustainable, in accordance with national policies and priorities

• Sustainable procurement practices are implemented, with suppliers' sustainability assessments conducted per the established plan

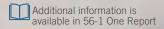
Achieved Achieved the targets the targets Supply chain management is systematically administered as detailed on the company's website

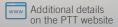






	Climate Action	and conducting environmentally friendly c		OSES ON ONVI	ng businesses towards low-carbon societal goals	
	SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects	
EN CANADA PARA PARA PARA PARA PARA PARA PARA P	Torget 13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	 PTT conserves 1 million rai of the forest through the reforestation project of 1 million rai in honor of His Majesty the late King Bhumibol Adulyadej since 1994 PTT has planted 1 million rai of new forests and another 1 million rai in collaboration with PTT Group by 2030 	75,000 rai	86,173 rai	 Reforestation project of 1 million rai in honor of His Majesty the late King Bhumibol Adulyadej "Ignite the Power of Life, Turn the Forest from 1 Seedling to the 2nd Million" Project to restore the environment and enhance carbon dioxide absorption, natural methods are employed to increase carbon dioxide sequestration sources "Breath for the City" project aims to plant 100,000 trees and create green spaces in Bangkok 	Page www. Addit inform
13-2	Torget 13.2 Integrate climate change measures into national policies, strategies and planning Torget 13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	Control greenhouse gas (GHG) emissions by reducing PTT's emissions by 15% by 2030 compared to the GHG emissions released in 2020	15% by 2030	-	Projects aligned with the 3P Decarbonization Pathways	Page w Addi inform
BELOW IER	14 Life Below Water				tation of marine resources. It emphasizes preventing o minimize impacts on marine and coastal ecosystems.	
	SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects	
14-1 1996	Torget 14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution	Oil and chemical spills The number of occurrences of oil and chemical spills into the environment with a volume greater than 1 barrel but not exceeding 100 barrels The number of incident that water effluent from PTT facilities does not comply with the legal requirements	0	0	 Designing and installing advanced equipment/technology for detecting and responding to spills, including preventing spills into the environment Conducting emergency response drills for oil and chemical spills within the company and in collaboration with relevant government and private sector agencies Membership in Oil Spill Response Limited (OSRL), an international organization assisting in containing and cleaning up oil spills at sea Developing data and visualize the results of spatial impact studies for coastal environmental management in the Rayong Province area 	Addinfor
14·2	Torget 14.2 By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans	PTT conserves 1 million rai of the forest through the reforestation project of 1 million rai in honor of His Majesty the late King Bhumibol Adulyadej since 1994 PTT has planted 1 million rai of new forests and another 1 million rai in collaboration with PTT Group by 2030	75,000 rai	86,173 rai	 Reforestation project of 1 million rai in honor of His Majesty the late King Bhumibol Adulyadej "Ignite the Power of Life, Turn the Forest from 1 Seedling to the 2nd Million" Project to restore the environment and enhance carbon dioxide absorption, natural methods are employed to increase carbon dioxide sequestration sources "Breath for the City" project aims to plant 100,000 trees and create 	Pag Add infor

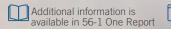




	SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects	
15-2 MTDN MESTS 15-4 TRANICAL USSILE	Torget 15.2 By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally Torget 15.4 By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development Torget 15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species	 PTT conserves 1 million rai of the forest through the reforestation project of 1 million rai in honor of His Majesty the late King Bhumibol Adulyadej since 1994 PTT has planted 1 million rai of new forests and another 1 million rai in collaboration with PTT Group by 2030 	75,000 rai	86,173 rai	 Reforestation project of 1 million rai in honor of His Majesty the late King Bhumibol Adulyadej "Ignite the Power of Life, Turn the Forest from 1 Seedling to the 2nd Million" Project to restore the environment and enhance carbon dioxide absorption, natural methods are employed to increase carbon dioxide sequestration sources "Breath for the City" project aims to plant 100,000 trees and create green spaces in Bangkok 	Page 16 www. Additior informat
runows =	Peace Justice and Strong Institution	PTT is unwavering in conducting ou ensuring adherence to good govern				
	SDGs Toroets	PTT's 2023			·	
	SDGs Targets	PTT's 2023 Indicators	2023 Target	2023 Result	Examples of related projects	
16-5	SDGs Torgets Torget 16.5 Substantially reduce corruption and bribery in all their forms		2023	2023	·	Additic informa
18-5	Target 16.5	Incidents of non-compliance with regulations, rules, and directives	2023 Target	2023 Result	Examples of related projects Announce the implementation of anti-corruption and anti-collusion policies at PTT, including the No Gift Policy, which prohibits the acceptance of gifts	Additio
18-5 Verton 18-6 18-7	Torget 16.5 Substantially reduce corruption and bribery in all their forms Torget 16.6 Develop effective, accountable and transparent institutions at all	Incidents of non-compliance with regulations, rules, and directives Incidents of non-compliance with regulations, rules, and directives	2023 Target	2023 Result	Announce the implementation of anti-corruption and anti-collusion policies at PTT, including the No Gift Policy, which prohibits the acceptance of gifts on all occasions Renew the certification for membership in the Thai Private Sector Collective Action Against Corruption	Addition information informati

regulations, rules, and directives

sustainable development

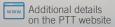


activities to disseminate information regarding laws

and regulations relevant to PTT's business operations

through various channels, including internal email

communication and E-learning courses



information