

SUSTAINABILITY PERFORMANCE DATA



General Disclosure							
	Indicators	l loit	Year	- Targets	Note		
GRI		Onit	2023				
	Total Number of sigificant illegal incident						
2-27-a	i. Number of significant illegal incident with fines	Case	0.00				
	ii. Number of sigificant illegal incident without fines	Case	0.00				
	Monetary value of fines from nor	n-compliance	operation with th	he standard			
2-27-b	i. Monetary value of fines in current reporting year	THB	0.00				
	ii. Monetary value of fines in previous reporting year	THB	0.00				

Performance Data: Environmental					
GRI	Indicators	Unit	Year 2023	Targets	Note
301: Materials					
301-1: Materials us	ed by weight or volume				
	Materials use	Tonne	1,413,392.59		
	i. Materials from non-renewable resources	Tonne	1,291,674.06		
	Concrete	Tonne	1,051,248.29		
	Cement	Tonne	30,464.00		
301-1-a	Rebar steel	Tonne	86,560.04		
	Structural steel	Tonne	1,683.21		
	Other	Tonne	121,718.53		
	ii. Materials from renewable resources	Tonne	121,718.53		
	Wood	Tonne	121,718.53		
301-2: Recycled in	put materials				
301-2-2	Recycled materials in operation	%	ND		
001- <u>2</u> -a		Tonne	ND		
301-3: Reclaimed p	products and their packaging materials				
301-3-a	Reclaimed products and Their Packaging Materials	%			Not applicable
302: Energy					
302-1: Energy cons	sumption within the organization				
	Non-renewable energy consumption	Megajoule (MJ)	187,685,433.43		
	Diesel	Megajoule (MJ)	679,495.22		
	Diesel B7	Megajoule (MJ)	112,452,198.18		
	Diesel B20	Megajoule (MJ)	42,876.36		
	Benzene	Megajoule (MJ)	10,757.98		
302-1-a	Gasohol 91	Megajoule (MJ)	5,748,628.45		
	Gasohol 95	Megajoule (MJ)	57,265,603.71		
	Gasohol E85	Megajoule (MJ)	0.00		
	Gasohol E20	Megajoule (MJ)	11,135,506.59		
	LPG	Megajoule (MJ)	0.00		
	Acetylene	Megajoule (MJ)	350,366.95		

SET ESG RATING	Fuel expense	THB	96,247,155	
202.4 k	Renewable internal energy	Megajoule (MJ)	0.00	
302-1-D	Photovoltaic	Megajoule (MJ)	0.00	
302-1-c		Megajoule (MJ)	130,500,916.88	
SET ESG rating	Electricity purchase	ТНВ	95,709,811	
302-1-d	Electricity sold	Kilowatt-hour (kWh)		No electricity sold
302-1-e	Internal electricity used	Megajoule (MJ)	318,186,350.32	
302-2: Energy consumption	outside of the organization			
302-2-a	Energy consumption	Megajoule (MJ)	0.00	
302-3: Energy inter	nsity			
302-3-a	Energy intensity ratio	Megajoule/Million Baht (MJ/Million Baht)	31.82	Use construction revenue for calculation and reporting in organization
302-4: Energy redu	ction			
302-4-a	Energy reduced from energy conservation programs	Megajoule (MJ)	0.00	
302-5: Reductions	in energy requirements of products and services			
302-5-a	Energy reduced from products sold	Megajoule (MJ)		Not applicable
303: Water and effl	uents			
303-3: Water withd	rawal			
	Water withdrawal	Million liter (ML)	1,303.88	
	By sources			
	i. Surface Water			
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML)	0.00	
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML) Million liter (ML)	0.00	
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater	Million liter (ML) Million liter (ML)	0.00	
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML) Million liter (ML) Million liter (ML)	0.00 0.00 0.00	
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00	
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iii. Seawater	Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00	
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iii. Seawater Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00 0.00	
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iii. Seawater Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
	i. Surface Water Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iii. Seawater Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iv. Produced Water	Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
	i. Surface Water Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iii. Seawater Equivalent quality to freshwater (TDS ≤1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iv. Produced Water Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
	i. Surface Water Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iii. Seawater Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iv. Produced Water Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) Lower quality than freashwater (TDS \leq 1,000 mg/l)	Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
	i. Surface Water Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iii. Seawater Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iv. Produced Water Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) v. Third-party Water	Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
	i. Surface Water Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) ii. Groundwater Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iii. Seawater Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS > 1,000 mg/l) iv. Produced Water Equivalent quality to freshwater (TDS \leq 1,000 mg/l) Lower quality than freashwater (TDS \leq 1,000 mg/l) v. Third-party Water Equivalent quality to freshwater (TDS \leq 1,000 mg/l)	Million liter (ML) Million liter (ML)	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	

	Total water withdrawal from water-stressed areas	Million liter (ML)	132.95	
	By sources			
	i. Surface water			
	Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML)	0.00	
	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)	0.00	
	ii. Ground water			
	Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML)	0.00	
	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)	0.00	
	iii. Seawater			
	Equivalent quality to freshwater (TDS \leq 1,000 mg/l)	Million liter (ML)	0.00	
	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)	0.00	
	iv. Produced water			
	Equivalent quality to freshwater (TDS \leq 1,000 mg/l)	Million liter (ML)	0.00	
	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)	0.00	
	v. Third-party Water			
	Equivalent quality to freshwater (TDS \leq 1,000 mg/l)	Million liter (ML)	132.95	
	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)		Not applicable
SET ESG rating	Expense for water purchased	ТНВ	10,588,735	

303-4: Water Discharge

	Water discharge	Million liter (ML)	5.15	
	By sources			
	i. Water Discharge to Surface Water			
	Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML)	0.00	
	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)	0.00	
	ii. Water Discharge to GroundWater			
	Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML)	0.00	
303-4-a, 303-4-b	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)	0.00	
	iii. Water Discharge to Seawater			
	Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML)	0.00	
	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)	0.00	
	iv. Water Discharge to municipality (Third-party Water)			
	Equivalent quality to freshwater (TDS ≤1,000 mg/l)	Million liter (ML)	0.00	
	Lower quality than freashwater (TDS > 1,000 mg/l)	Million liter (ML)	5.15	
	Water discharge reuse	Million liter (ML)		Not applicable

		Water discharge to water-stressed areas	Million liter (ML)	5.15	
	303-4-0	By sources			
	303-4-0	i. Water discharge to water stress with equivalent quality to freshwater (TDS) \leq 1,000 mg	Million liter (ML)	0.00	
		ii. Water discharge to water stress with lower quality than freashwater (TDS) >1.000 mg	Million liter (ML)	<u>5.15</u>	
	303-4-d	Water discharge that violates standard value	Case	0.00	
303-	5: Water Cons	umption			
	303-5-a	Water consumption	Million liter (ML)	1,298.73	
	303-5-b	Freshwater consumption from water-stressed areas	Million liter (ML)	127.80	
	303-5-c	Change in water storage	Million liter (ML)	0.00	
305:	Emissions				
305-	1: Scope 1 GH	G emissions			
305	5-1-a, 305-1-b	Scope 1 GHG emission	Tonne CO ₂ equivalent	8,671.00	
	305-1-c	Biogenic CO ₂ emission	Tonne CO ₂ equivalent	395.00	
305-3	2: Scope 2 GH	G emissions			
305	5-2-a, 305-2-c	Scope 2 GHG emission	Tonne CO ₂ equivalent	7,784.00	
305-	3: Scope 3 GH	G emissions			
305	5-3-a, 305-3-b	Scope 3 GHG emission	Tonne CO ₂ equivalent	219,302.00	Reporting category 1 of scope 3
	305-3-c	Biogenic CO ₂ emission	Tonne CO ₂ equivalent	-	
		By category			
		Cat 1: Purchased Goods and Services	Tonne CO ₂ equivalent	219,302.00	
		Cat 4: Upstream Transportation and Distribution	Tonne CO ₂ equivalent	1,106.42	
	305-3-d	Cat 5: Waste Generated in Operations	Tonne CO ₂ equivalent	341.28	
		Cat 6: Business Travel	Tonne CO ₂ equivalent	16.57	
		Cat 7: Employee Commuting	Tonne CO ₂ equivalent	921.31	
		Cat 9: Downstream Transportation and Distribution	Tonne CO ₂ equivalent	-	There is no relevant activity to this category
305-	4: GHG emissi	ons entensity			
	305-4-a	GHG Emissions Intensity Ratio	Tonne CO2 equivalent/Million Baht	6.21	Use construction revenue for calculation and reporting in organization
305-	5: Reduction o	f GHG emissions			
305	5-5-a, 305-5-b	GHG emissions reduced from reduction programs	Tonne CO ₂ equivalent	ND	
		By scope			
		i. Scope 1 GHG emission	Tonne CO ₂ equivalent	ND	
	305-5-0	ii. Scope 2 GHG emission	Tonne CO ₂ equivalent	ND	
		iii. Scope 3 GHG emission	Tonne CO ₂ equivalent	ND	
305-	6: Emission of	ozone depleting substance			
	305-6-a	Ozone depleting substance (ODS)	Tonne CFC-11 equivalent	14.69	
305-	7: NOx, SOx, a	nd other significant air emissions			

Amount of NOx, SOx, and other significant air emissions

1	Nitrous oxide (NOx)	Part per million (ppm)	0.047	
	Sulfur dioxide (SOx)	Part per million (ppm)	0.006	
	Persistent organic pollutant (POP)	Milligram per cubic meter (mg/m ³)	ND	
-7-a	Volatile organic compound (VOC)	Milligram per cubic meter (mg/m ³)	ND	
	Hazardous air pollutants (HAP)	Milligram per cubic meter (mg/m ³)	ND	
	Particulate matter-10 micron (PM10)	Milligram per cubic meter (mg/m ³)	0.207	
	Particulate matter-2.5 micron (PM2.5)	Micrograms per cubic meter (µg/m ³)	0.039	
	Suspended particulate matter (TSP)	Milligram per cubic meter (mg/m ³)	0.348	
	Carbon monoxide (CO)	Part per million (ppm)	1.939	
	Hydrocarbon (THC)	Part per million (ppm)	0.00	

Project 1 Electric train south purple line: Contract no.1 Subway (Tao Poon - National Library)

Amount of Other Significant Air Emissions

305

305-7-a

Total nitrous oxide emissions (NOx)	part per million (ppm)	0.027		
total sulfur dioxide emissions (SOx)	part per million (ppm)	ND		
Total persistent organic pollutant emissions (POP)	milligram per cubic meter (mg/m ³)	ND		
Total volatile organic compound emissions (VOC)	milligram per cubic meter (mg/m ³)	ND		
Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND		
Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	0.043		
Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (µg/m ³)	0.023		
Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	0.076		
Total carbon monoxide emissions (CO)	part per million (ppm)	1.939		
Total hydrocarbon emissions (THC)	part per million (ppm)	-		

Project 2 Electric train south purple line: Contract no.2 Subway (National Library - Phanfa)

Amount of Other Significant Air Emissions

305-7-a	Total nitrous oxide emissions (NOx)	part per million (ppm)	ND
	total sulfur dioxide emissions (SOx)	part per million (ppm)	ND
	Total persistent organic pollutant emissions (POP)	milligram per cubic meter (mg/m ³)	ND
	Total volatile organic compound emissions (VOC)	milligram per cubic meter (mg/m ³)	ND
	Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (µg/m ³)	ND
	Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	ND
	Total carbon monoxide emissions (CO)	part per million (ppm)	ND
	Total hydrocarbon emissions (THC)	part per million (ppm)	ND

Project 3 Double track railway (Den Chai-Chiang Rai-Chiang Khong) Contract no.2 (Ngao-Chiang Rai)

Amount of Other Significant Air Emissions

	Total nitrous oxide emissions (NOx)	part per million (ppm)	ND
	total sulfur dioxide emissions (SOx)	part per million (ppm)	ND
	Total persistent organic pollutant emissions (POP)	milligram per cubic meter (mg/m ³)	ND
	Total volatile organic compound emissions (VOC)	milligram per cubic meter (mg/m ³)	ND
305-7-a	Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (µa/m ³)	ND
	Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	ND
	Total carbon monoxide emissions (CO)	part per million (ppm)	ND
	Total hydrocarbon emissions (THC)	part per million (ppm)	ND
Project 4 Double ti	rack railway (Den Chai-Chiang Rai-Chiang Khong) Contrac	t no.2 (Ngao-Chiang Rai)	
	Amount of Other Significant Air Emissions		
	Total nitrous oxide emissions (NOx)	part per million (ppm)	ND
	total sulfur dioxide emissions (SOx)	part per million (ppm)	ND
	Total persistent organic pollutant emissions (POP)	milligram per cubic meter (mg/m ³)	ND
	Total volatile organic compound emissions (VOC)	milligram per cubic meter (mg/m ³)	ND
305-7-a	Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (μg/m ³)	ND
	Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	ND
	Total carbon monoxide emissions (CO)	part per million (ppm)	ND
	Total hydrocarbon emissions (THC)	part per million (ppm)	ND
Project 5 Medical a	and Public Health Service Integration Center Building (Chu	lalongkorn Hospital)	
	Amount of Other Significant Air Emissions		
	Total nitrous oxide emissions (NOx)	part per million (ppm)	ND
	total sulfur dioxide emissions (SOx)	part per million (ppm)	ND
	Total persistent organic pollutant emissions (POP)	milligram per cubic meter (mg/m ³)	ND
	Total volatile organic compound emissions (VOC)	milligram per cubic meter (mg/m ³)	ND
305-7-a	Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (μg/m ³)	ND
	Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	ND
	Total carbon monoxide emissions (CO)	part per million (ppm)	ND
	Total hydrocarbon emissions (THC)	part per million (ppm)	ND

Project 6 Chaloem Phrakiat 60th Anniversary Learning and Research Center Building of Prince Chulabhorn

Amount of Other Significant Air Emissions

	Total nitrous oxide emissions (NOx)	part per million (ppm)	ND
	total sulfur dioxide emissions (SOx)	part per million (ppm)	ND
	Total persistent organic pollutant emissions (POP)	milligram per cubic meter (mg/m ³)	ND
	Total volatile organic compound emissions (VOC)	milligram per cubic meter (mg/m ³)	ND
305-7-a	Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	0.055
	Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (µg/m ³)	0.008
	Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	0.072
	Total carbon monoxide emissions (CO)	part per million (ppm)	ND
	Total hydrocarbon emissions (THC)	part per million (ppm)	ND
oject 7 Water del	ivery tunnel along Kanchanaphisek Road and the old railwa	y road from Bang Mot P	umping Station - Samrong Pumping Station.
	Amount of Other Significant Air Emissions		
	Total nitrous oxide emissions (NOx)	part per million (ppm)	0.020
	total sulfur dioxide emissions (SOx)	part per million (ppm)	0.006

	Total persistent organic polititant emissions (FOF)	meter (mg/m ³)	ND	
	Total volatile organic compound emissions (VOC)	milligram per cubic	ND	
		meter (mg/m [°])		
305-7-a	Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND	
	Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	0.055	
	Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (μg/m ³)	ND	
	Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	0.129	
	Total carbon monoxide emissions (CO)	part per million (ppm)	ND	
	Total hydrocarbon emissions (THC)	part per million (ppm)	ND	

milligram per cubic

ND

Project 8 Bang Ban - Bang Sai flood drainage canal Contract no.4

Amount of Other Significant Air Emissions

Total persistent organic pollutant emissions (POP)

305-7-a	Total nitrous oxide emissions (NOx)	part per million (ppm)	ND	
	total sulfur dioxide emissions (SOx)	part per million (ppm)	ND	
	Total persistent organic pollutant emissions (POP)	milligram per cubic meter (mg/m ³)	ND	
	Total volatile organic compound emissions (VOC)	milligram per cubic meter (mg/m ³)	ND	
	Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND	
	Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	0.055	
	Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (µg/m ³)	0.008	
	Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	0.072	
	Total carbon monoxide emissions (CO)	part per million (ppm)	ND	
	Total hydrocarbon emissions (THC)	part per million (ppm)	ND	

Project 9 Head Office

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Amount of Other Significant Air Emissions

	Total nitrous oxide emissions (NOx)	part per million (ppm)	ND
	total sulfur dioxide emissions (SOx)	part per million (ppm)	ND
	Total persistent organic pollutant emissions (POP)	milligram per cubic meter (mg/m ³)	ND
	Total volatile organic compound emissions (VOC)	milligram per cubic meter (mg/m ³)	ND
305-7-a	Total hazardous air pollutants emissions (HAP)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-10 micron emissions (PM10)	milligram per cubic meter (mg/m ³)	ND
	Total Particulate matter-2.5 micron emissions (PM2.5)	micrograms per cubic meter (μg/m ³)	ND
	Total Suspended Particulate Matter emissions (TSP)	milligram per cubic meter (mg/m ³)	ND
	Total carbon monoxide emissions (CO)	part per million (ppm)	ND
	Total hydrocarbon emissions (THC)	part per million (ppm)	ND
306: Waste			
306-3: Waste gene	rated		
	Waste generated	Tonne	268.14
306-3-a	i. Hazardous waste generated	Tonne	37.52
	ii Non-Hazardous waste generated	Tonne	230.62

Performance Data: Occupational Health and Safety							
	Indicators	Unit	Year				
GRI			2023	Targets	Note		
403: Occupational	health and safety						
403-8: Workers cov	vered by an occupational health and safety management system						
	i. Number and ratio of workers covered by an occupational heal	th and safety ma	nagement system	1			
	Employees -	Persons	837				
		%	59.44				
		Persons	62				
	Workers who are not employees	%	4.11				
	ii. Number and ratio of workers covered by an occupational hea	Ith and safety ma	anagement syster	n and verified internal	audit		
		Persons	837				
403-8-a	Employees	%	59.44				
		Persons	62				
	workers who are not employees	%	4.11				
	iii. Number and ratio of workers covered by an occupational hea	alth and safety m	anagement syste	m and verified externa	l audit		
	Employees	Persons	837				
		%	59.44				
	Workers who are not employees	Persons	62				
		%	4.11				
403-9: Work-related	d Injuries						
	i. Fatalities - Employees						
	Fatalities	Persons	1				
		Case/ 1,000,000 hours	0.26				
	ii. High-consequence work-related injuries - Employees						
403-9-a	High-consequence work-related injuries	Persons	0.00				
		Case/ 1,000,000 hours	0.00				
	iii. Recordable work-related injuries - Employees						
	Recordable work-related injuries	Persons	76				
		hours	19.58				
	iv. Working hours - Employees	Hours	3,882,292.42				
	Lost-time injury frequency rate (LTIFR)	-	0.08	0.1			
	Injury rate (IR)	-	0.09	1.0			
SET ESG Rating	Stop work due to injury	Case	2		Reporting according to		
, and the second s	Stop work due to injury (more than 1 day)	Persons	9	SELES			

		i. Fatality - Contractors							
		Estalition	Persons	0.00					
			Case/ 1,000,000 hours	0.00					
		ii. High-consequence work-related injuries - Contractors							
,	103 Q b	High consequence work related injuries	Persons	0.00					
L	+03-9-0	High-consequence work-related injunes	Case/ 1,000,000 hours	0.00					
		iii. Recordable work-related injuries - Contractors							
		Recordable work-related injuries	Persons	6					
			Case/ 1,000,000 hours	1.37					
		iv. Working hours - Contractors	Hours	4,387,032					
		Lost-time injury frequency rate (LTIFR)	-	-	0.1				
		Injury rate (IR)	-	0.02					
403-10): Work-relate	d III Health							
4	02 10 2	i. Fatality due to ill haelth - Employees	Persons	0					
403-10-a	03-10-a	ii. Recordable ill health - Employees	Persons	0					
403-10-b	03 10 h	i. Fatality due to ill haelth - Contractors	Persons	0					
		ii. Recordable ill health - Contractors	Persons	0					

Performance	Data: Human Resource					
			Year			
GRI	Indicators	Unit	2023	largets	Note	
2-7 Employees						
	Full-time employees	Persons	2,126			
	By employment					
	- Permanent employee	Persons	1,434			
2-7-a, 2-7-b	- Contract employee	Persons	692			
	By country of operation					
	- Thailand	Persons	3,622			
	- Lao People's Democratic Republic	Persons	4,153			
401: Employment						
401-1: New hires a	and employee turnover					
	New hires	Persons	397			
	By gender					
	- Male	Persons	319			
	- Female	Persons	78			
	By age					
	- Less than 30 years	Persons	190			
	- 30 to 50 years	Persons	185			
401.1 -	- Over 50 years	Persons	22			
401-1-a	New employee hiring rate	%	18.67			
	By gender					
	- Male	%	15			
	- Female	%	3.66			
	By age					
	- Less than 30 years	%	8.93			
	- 30 to 50 years	%	8.70			
	- Over 50 years	%	1.03			
S&P Global	Open positions filled by internal candidates/ internal hires	%	100			
	Employee turnover rate	Persons	281			
	By gender					
	- Male	Persons	232			
	- Female	Persons	49			
	By age					
	- Less than 30 years	Persons	101			
	- 30 to 50 years	Persons	150			

401-1-b	- Over 50 years	Persons	30	
401-1-0	Employee turnover rate	%	13.22	
	By gender			
	- Male	%	82.56	
	- Female	%	17.44	
	By age			
	- Less than 30 years	%	35.94	
	- 30 to 50 years	%	53.38	
	- Over 50 years	%	10.68	
	Voluntary employee turnover rate	Persons	281	
	By gender			
	- Male	Persons	232	
	- Female	Persons	49	
	By age			
	- Less than 30 years	Persons	101	
	- 30 to 50 years	Persons	150	
S&P Global	- Over 50 years	Persons	30	
	Voluntary employee turnover rate	%	100	
	By gender			
	- Male	%	82.56	
	- Female	%	17.44	
	By age			
	- Less than 30 years	%	35.94	
	- 30 to 50 years	%	53.38	
	- Over 50 years	%	10.68	
401-3: Parental lea	ve			
	Employees entitled to parental leave	Persons	549	
	By gender			
	- Male	Persons	ND	
	- Female	Persons	ND	
	Employees that took parental leave	Persons	11	
	By gender			
401-3-a, 401-3-b	- Male	Persons	ND	
	- Female	Persons	ND	
	Employees who took parental leave and returned to work after parental leave ended	Persons	10	
	By gender			

	- Male	Persons	ND		
	- Female	Persons			
	Employees that took parental leave, returned to work after				
401-3-c, 401-3-d	parental leave ended, and still employed 12 months after	Persons	10		
	return to work				
403-1-0	Return to work ratio of employees who took parental leave	%	2		
400-1-0	Retention rate of employees who took parental leave	%	91		
404: Training and o	education				
404-1: Average ho	urs of training per year per employee				
	Training hours	Hours	13,555		
	Average training hours per FTE	Hours/ FTE	9.49	8	
	By gender				
	- Male	Hours/ FTE	8.92		
404.1 a	- Female	Hours/ FTE	10.95		
404-1-a	By position				
	- Top management	Hours/ FTE	22.65		
	- Middle management	Hours/ FTE	12.21		
	- Junior management	Hours/ FTE	9.17		

405: Diversity and equal opportunity

405-1 Diversity of governance bodies and employees

- Officer/ Non-management

By gender				
Molo	Persons	1,577		
- Male	%	74.18		
Formelo	Persons	549		
- remaie	%	25.82		
By age				
Loop them 20 years	Persons	265		
- Less than 50 years	%	12.46		
20 to 50 vices	Persons	1,227		
- SU to SU years	%	57.72		
50	Persons	634		
- ou years	%	29.82		
By position				
Top management				
Mala	Persons	15		
- Male	%	0.7		

Hours/ FTE

19.87

405-1-a, 405-1-b				
	French	Persons	2	
	- remaie	%	0.09	
	Middle management			
	- Male -	Persons	20	
		%	0.94	
	Fomelo	Persons	6	
	- remaie	%	0.28	
	Junior management			
	Mala	Persons	30	
	- Male	%	1.41	
	Formela	Persons	19	
	- remaie	%	0.89	
	Officer/non-management			
	- Male	Persons	1,512	
		%	71.11	
	- Female	Persons	522	
		%	24.55	
	By nationality			
	- Thai -	Persons	2,112	
		%	99.34	
	By race/ ethnicity			
S&P Global	Thai	Persons	2,112	
		%	99.34	
	Classified by people with disability			
	- People with disability -	Persons	2	
		%	0.09	