

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Raw Materials Used									GRI 301-1
Total	Tons	NA	NA	NA	411,332	441,590	671,828		
Asphalt Business in Thailand	Tons	NA	NA	NA	411,332	441,590	671,828		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	NA	NA		
Marine Business	Tons	NA	NA	NA	NA	NA	NA		
Non-Renewable Materials									
Total	Tons	NA	NA	NA	410,886	441,077	654,092		
Asphalt Business in Thailand	Tons	NA	NA	NA	410,886	441,077	654,092		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	NA	NA		
Marine Business	Tons	NA	NA	NA	NA	NA	NA		
Renewable Materials									
Total	Tons	NA	NA	NA	0	0	17,736		
Asphalt Business in Thailand	Tons	NA	NA	NA	0	0	17,736		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	NA	NA		
Marine Business	Tons	NA	NA	NA	NA	NA	NA		
Energy Consumption									GRI 302-1
Total	GJ	209,997	184,945	158,092	143,537	1,324,599	1,220,139		
Asphalt Business in Thailand	GJ	209,997	184,945	158,092	143,537	138,486	129,987		
Refinery Business in Malaysia	GJ	NA	NA	NA	NA	479,531	377,874		
Marine Business	GJ	NA	NA	NA	NA	706,583	712,278		
Non-Renewable Energy Consumption									
Total	GJ	201,344	175,607	149,995	136,217	1,318,986	1,215,170		
Asphalt Business in Thailand	GJ	201,344	175,607	149,995	136,217	132,872	125,019	176,805	
Refinery Business in Malaysia	GJ	NA	NA	NA	NA	479,531	377,874		
Marine Business	GJ	NA	NA	NA	NA	706,583	712,278		
Renewable Energy Consumption									
Total	GJ	8,653	9,338	8,097	7,320	5,613	4,969		
Asphalt Business in Thailand	GJ	8,653	9,338	8,097	7,320	5,613	4,969		
Refinery Business in Malaysia	GJ	NA	NA	NA	NA	NA	NA		
Marine Business	GJ	NA	NA	NA	NA	NA	NA		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Electricity Consumption									GRI 302-1
Total	GJ	15,234	12,947	11,730	11,534	36,371	32,058		
Asphalt Business in Thailand	GJ	15,234	12,947	11,730	11,534	11,870	11,291		
Refinery Business in Malaysia	GJ	NA	NA	NA	NA	24,501	20,767		
Marine Business	GJ	NA	NA	NA	NA	NR	NR		
Electricity Consumption from National Grid									
Total	GJ	15,234	12,947	11,730	11,534	36,371	31,579		
Asphalt Business in Thailand	GJ	15,234	12,947	11,730	11,534	11,870	10,812		
Refinery Business in Malaysia	GJ	NA	NA	NA	NA	24,501	20,767		
Marine Business	GJ	NA	NA	NA	NA	NR	NR		
Electricity Consumption from Solar									
Total	GJ	NA	NA	NA	NA	NA	479		
Asphalt Business in Thailand	GJ	NA	NA	NA	NA	NA	479		
Refinery Business in Malaysia	GJ	NA	NA	NA	NA	NA	NA		
Marine Business	GJ	NA	NA	NA	NA	NA	NA		
Energy Intensity									GRI 302-3
Asphalt Business in Thailand	GJ/ton	0.3923	0.3500	0.2968	0.2588	0.2237	0.1991		
Refinery Business in Malaysia	GJ/ton	NA	NA	NA	NA	2.1358	1.9047		
Marine Business	GJ/ton•Nautical Mile	NA	NA	NA	NA	0.0002	0.0002		
Water Withdrawal from All Sources									GRI 303-3
Total	m ³	NA	NA	NA	35,081	344,592	285,029		
Asphalt Business in Thailand	m ³	NA	NA	NA	35,081	37,538	34,101	37,163	
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	208,621	152,548		
Marine Business	m ³	NA	NA	NA	NA	98,433	98,380		
Freshwater TDS ≤ 1,000 mg/L									
Total	m ³	NA	NA	NA	27,348	242,595	182,631		
Asphalt Business in Thailand	m ³	NA	NA	NA	27,348	26,698	22,612		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	208,621	152,548		
Marine Business	m ³	NA	NA	NA	NA	7,276	7,471		
Otherwater TDS > 1,000 mg/L									
Total	m ³	NA	NA	NA	7,733	101,997	102,398		
Asphalt Business in Thailand	m ³	NA	NA	NA	7,733	10,840	11,489		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	91,157	90,909		
From Surface Water									
Total	m ³	NA	NA	NA	3,203	3,826	3,792		
Asphalt Business in Thailand	m ³	NA	NA	NA	3,203	3,826	3,792		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Freshwater TDS ≤ 1,000 mg/L									GRI 303-3
Total	m ³	NA	NA	NA	3,203	3,826	3,792		
Asphalt Business in Thailand	m ³	NA	NA	NA	3,203	3,826	3,792		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		
Otherwater TDS > 1,000 mg/L									
Total	m ³	NA	NA	NA	0	0	0		
Asphalt Business in Thailand	m ³	NA	NA	NA	0	0	0		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		
From Ground Water									
Total	m ³	NA	NA	NA	19,893	22,446	21,361		
Asphalt Business in Thailand	m ³	NA	NA	NA	19,893	22,446	21,361		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		
Freshwater TDS ≤ 1,000 mg/L									
Total	m ³	NA	NA	NA	12,160	11,606	9,872		
Asphalt Business in Thailand	m ³	NA	NA	NA	12,160	11,606	9,872		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		
Otherwater TDS > 1,000 mg/L									
Total	m ³	NA	NA	NA	7,733	10,840	11,489		
Asphalt Business in Thailand	m ³	NA	NA	NA	7,733	10,840	11,489		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		
From Third-party water									
Total	m ³	NA	NA	NA	11,985	227,163	168,967		
Asphalt Business in Thailand	m ³	NA	NA	NA	11,985	11,266	8,948		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	208,621	152,548		
Marine Business	m ³	NA	NA	NA	NA	7,276	7,471		
Freshwater TDS ≤ 1,000 mg/L									
Total	m ³	NA	NA	NA	11,985	227,163	168,967		
Asphalt Business in Thailand	m ³	NA	NA	NA	11,985	11,266	8,948		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	208,621	152,548		
Marine Business	m ³	NA	NA	NA	NA	7,276	7,471		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Otherwater TDS > 1,000 mg/L									GRI 303-3
Total	m ³	NA	NA	NA	0	0	0		
Asphalt Business in Thailand	m ³	NA	NA	NA	0	0	0		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		
From Sea Water									
Total	m ³	NA	NA	NA	NA	91,157	90,909		
Asphalt Business in Thailand	m ³	NA	NA	NA	NR	NR	NR		
Refinery Business in Malaysia	m ³	NA	NA	NA	NR	NR	NR		
Marine Business	m ³	NA	NA	NA	NA	91,157	90,909		
Freshwater TDS ≤ 1,000 mg/L									
Total	m ³	NA	NA	NA	NA	0	0		
Asphalt Business in Thailand	m ³	NA	NA	NA	NR	NR	NR		
Refinery Business in Malaysia	m ³	NA	NA	NA	NR	NR	NR		
Marine Business	m ³	NA	NA	NA	NA	0	0		
Otherwater TDS > 1,000 mg/L									
Total	m ³	NA	NA	NA	NA	91,157	90,909		
Asphalt Business in Thailand	m ³	NA	NA	NA	NR	NR	NR		
Refinery Business in Malaysia	m ³	NA	NA	NA	NR	NR	NR		
Marine Business	m ³	NA	NA	NA	NA	91,157	90,909		
Total Water discharge									GRI 303-4
Total	m ³	NA	NA	NA	4,144	127,992	120,049		
Asphalt Business in Thailand	m ³	NA	NA	NA	4,144	1,422	1,198		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	46,095	33,488		
Marine Business	m ³	NA	NA	NA	NA	80,475	85,363		
Water discharge by destination									
To Surface water									
Total	m ³	NA	NA	NA	4,019	1,261	1,012		
Asphalt Business in Thailand	m ³	NA	NA	NA	4,019	1,261	1,012		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
To Ground Water									GRI 303-4
Total	m ³	NA	NA	NA	0	0	0		
Asphalt Business in Thailand	m ³	NA	NA	NA	0	0	0		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	NR	NR		
To Third-party									
Total	m ³	NA	NA	NA	125	161	186		
Asphalt Business in Thailand	m ³	NA	NA	NA	125	161	186		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	0	0		
To Sea water									
Total	m ³	NA	NA	NA	NA	126,570	118,851		
Asphalt Business in Thailand	m ³	NA	NA	NA	NR	0	0		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	46,095	33,488		
Marine Business	m ³	NA	NA	NA	NA	80,475	85,363		
Water discharge by freshwater and other water									
Freshwater TDS ≤ 1,000 mg/L									
Total	m ³	NA	NA	NA	596	46,647	33,962		
Asphalt Business in Thailand	m ³	NA	NA	NA	596	552	474		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	46,095	33,488		
Marine Business	m ³	NA	NA	NA	NA	0	0		
Otherwater TDS > 1,000 mg/L									
Total	m ³	NA	NA	NA	3,548	81,345	86,087		
Asphalt Business in Thailand	m ³	NA	NA	NA	3,548	870	724		
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	0		
Marine Business	m ³	NA	NA	NA	NA	80,475	85,363		
Water consumption									GRI 303-5
Total	m ³	NA	NA	NA	30,937	216,600	164,980		
Asphalt Business in Thailand	m ³	NA	NA	NA	30,937	36,116	32,903	35,323	
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	162,526	119,060		
Marine Business	m ³	NA	NA	NA	NA	17,958	13,017		
Total Recycled Water									
Total	m ³	NA	NA	NA	2,849	2,744	10,585		
Asphalt Business in Thailand	m ³	NA	NA	NA	2,849	2,744	2,152	2,998	
Refinery Business in Malaysia	m ³	NA	NA	NA	NA	0	8,433		
Marine Business	m ³	NA	NA	NA	NA	0	0		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
COD									
Total	kg	NA	NA	NA	235	318	300		
Asphalt Business in Thailand	kg	NA	NA	NA	235	184	186		
Refinery Business in Malaysia	kg	NA	NA	NA	NA	23	20		
Marine Business	kg	NA	NA	NA	NA	110	93		
BOD									
Total	kg	NA	NA	NA	17	83	76		
Asphalt Business in Thailand	kg	NA	NA	NA	17	13	10		
Refinery Business in Malaysia	kg	NA	NA	NA	NA	5	5		
Marine Business	kg	NA	NA	NA	NA	64	61		
TSS									
Total	kg	NA	NA	NA	33	114	144		
Asphalt Business in Thailand	kg	NA	NA	NA	33	37	72		
Refinery Business in Malaysia	kg	NA	NA	NA	NA	5	4		
Marine Business	kg	NA	NA	NA	NA	73	69		
COD load / ton product									
Asphalt Business in Thailand	kgCOD/ton	NA	NA	NA	0.0004244267	0.0002979443	0.0002856348		
Refinery Business in Malaysia	kgCOD/ton	NA	NA	NA	NA	0.0001031801	0.0001002016		
Marine Business	kgCOD/ton•Nautical Mile	NA	NA	NA	NA	0.0000000375	0.0000000318		
Air Emissions									GRI 305-7
Total NOx	Tons	NA	NA	NA	8	1,258	1,217		
Asphalt Business in Thailand	Tons	NA	NA	NA	8	8	1	22	
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	11	3		
Marine Business	Tons	NA	NA	NA	NA	1,239	1,213		
Total SOx	Tons	NA	NA	NA	7	699	680		
Asphalt Business in Thailand	Tons	NA	NA	NA	7	8	3	147	
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	7	2		
Marine Business	Tons	NA	NA	NA	NA	685	674		
Total CO	Tons	NA	NA	NA	3	53	54		
Asphalt Business in Thailand	Tons	NA	NA	NA	3	3	4	45	
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	1	3		
Marine Business	Tons	NA	NA	NA	NA	49	48		
Total TSP & PM10 & PM	Tons	NA	NA	NA	1	105	104		
Asphalt Business in Thailand: TSP	Tons	NA	NA	NA	1	1	1	14	
Refinery Business in Malaysia: PM10	Tons	NA	NA	NA	NA	0	0		
Marine Business: PM	Tons	NA	NA	NA	NA	104	103		
Total VOC & NMVOC	kg	NA	NA	NA	NA	52,284	51,235		
Asphalt Business in Thailand: VOC	kg	NA	NA	NA	NA	1	59		
Refinery Business in Malaysia: VOC	kg	NA	NA	NA	NA	NA	NA		
Marine Business: NMVOC	kg	NA	NA	NA	NA	52,283	51,177		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Greenhouse Gas Emission									
Greenhouse Gas Emission Scope 1 and 2									
Total	tCO ₂ e	16,757	14,630	12,534	11,441	97,143	90,567		
Asphalt Business in Thailand	tCO ₂ e	16,757	14,630	12,534	11,441	11,073	10,364	11,909	
Refinery Business in Malaysia	tCO ₂ e	NA	NA	NA	NA	30,864	24,529		
Marine Business	tCO ₂ e	NA	NA	NA	NA	55,206	55,674		
Greenhouse Gas Emission Scope 1									GRI 305-1
Total	tCO ₂ e	14,746	12,921	10,986	9,919	90,308	84,675		
Asphalt Business in Thailand	tCO ₂ e	14,746	12,921	10,986	9,919	9,506	8,937	10,358	
Refinery Business in Malaysia	tCO ₂ e	NA	NA	NA	NA	25,596	20,064		
Marine Business	tCO ₂ e	NA	NA	NA	NA	55,206	55,674		
Greenhouse Gas Emission Scope 2									GRI 305-2
Total	tCO ₂ e	2,011	1,709	1,548	1,522	6,835	5,892		
Asphalt Business in Thailand	tCO ₂ e	2,011	1,709	1,548	1,522	1,567	1,427	1,550	
Refinery Business in Malaysia	tCO ₂ e	NA	NA	NA	NA	5,268	4,465		
Marine Business	tCO ₂ e	NA	NA	NA	NA	0	0		
Greenhouse Gas intensity									GRI 305-4
Asphalt Business in Thailand	tCO ₂ e/ton	0.0313	0.0277	0.0235	0.0206	0.0179	0.0159	0.0190	
Refinery Business in Malaysia	tCO ₂ e/ton	NA	NA	NA	NA	0.1375	0.1236		
Marine Business	tCO ₂ e/ton•Nautical Mile	NA	NA	NA	NA	0.000019	0.000019		
Waste									GRI 306-3
Total waste generated									
Total	Tons	466	256	268	173	386	248		
Asphalt Business in Thailand	Tons	466	256	268	173	271	128	199	
Refinery Business in Malaysia*	Tons	NA	NA	NA	NA	96	101		
Marine Business	Tons	NA	NA	NA	NA	19	19		
Total hazardous waste generated									
Total	Tons	198	102	174	102	235	99		
Asphalt Business in Thailand	Tons	198	102	174	102	189	53	118	
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	44	45		
Marine Business	Tons	NA	NA	NA	NA	1	1		
Total non-hazardous waste generated									
Total	Tons	268	154	94	71	151	149		
Asphalt Business in Thailand	Tons	268	154	94	71	81	75	81	
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	52	55		
Marine Business	Tons	NA	NA	NA	NA	18	18		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Total waste diverted from disposal (Onsite)									GRI 306-4
Total	Tons	2	9	4	3	3	7		
Asphalt Business in Thailand	Tons	2	9	4	3	0	7		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	3	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Total hazardous waste diverted from disposal (Onsite)									
Total	Tons	2	9	4	2	3	7		
Asphalt Business in Thailand	Tons	2	9	4	2	0	7		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	3	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste reuse (Onsite)									GRI 306-4
Total	Tons	2	9	4	2	3	7		
Asphalt Business in Thailand	Tons	2	9	4	2	0	7		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	3	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste recycle (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste other recovery operations (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Total non-hazardous waste diverted from disposal (Onsite)									
Total	Tons	0	0	0	1	0	0		
Asphalt Business in Thailand	Tons	0	0	0	1	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste reuse (Onsite)									
Total	Tons	0	0	0	1	0	0		
Asphalt Business in Thailand	Tons	0	0	0	1	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste recycle (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Non-hazardous waste other recovery operations (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Total waste diverted from disposal (Offsite)									
Total	Tons	416	219	236	146	286	163		
Asphalt Business in Thailand	Tons	416	219	236	146	249	105		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	35	57		
Marine Business	Tons	NA	NA	NA	NA	1	1		
Total hazardous waste diverted from disposal (Offsite)									GRI 306-4
Total	Tons	179	94	170	99	190	65		
Asphalt Business in Thailand	Tons	179	94	170	99	189	46		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	19		
Marine Business	Tons	NA	NA	NA	NA	1	1		
Hazardous waste reuse (Offsite)									
Total	Tons	0	0	0	0	0	14		
Asphalt Business in Thailand	Tons	0	0	0	0	0	14		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste recycle (Offsite)									
Total	Tons	179	93	170	99	190	39		
Asphalt Business in Thailand	Tons	179	93	170	99	189	32		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	6		
Marine Business	Tons	NA	NA	NA	NA	1	1		
Hazardous waste other recovery operations (Offsite)									
Total	Tons	0	0	0	0	0	13		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	13		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Total non-hazardous waste diverted from disposal (Offsite)									
Total	Tons	237	126	66	46	96	97		
Asphalt Business in Thailand	Tons	237	126	66	46	60	59		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	35	38		
Marine Business	Tons	NA	NA	NA	NA	0	0		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Non-hazardous waste reuse (Offsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste recycle (Offsite)									
Total	Tons	16	40	33	13	65	69		
Asphalt Business in Thailand	Tons	16	40	33	13	30	31		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	35	38		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous other recovery operations (Offsite)									
Total	Tons	221	85	33	33	31	28		
Asphalt Business in Thailand	Tons	221	85	33	33	31	28		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Total waste directed to disposal Onsite (Onsite)									GRI 306-5
Total	Tons	0	0	0	0	18	18		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	18	18		
Total hazardous waste directed to disposal (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste Incineration with energy recovery (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste Incineration without energy recovery (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste landfilling (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Hazardous waste other disposal operations (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Total non-hazardous waste directed to disposal (Onsite)									
Total	Tons	0	0	0	0	18	18		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	18	18		
Non-hazardous waste incineration with energy recovery (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste incineration without energy recovery (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste landfilling (Onsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste other disposal operations (Onsite)									
Total	Tons	0	0	0	0	18	18		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	18	18		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Total waste directed to disposal Onsite (Offsite)									GRI 306-5
Total	Tons	48	28	28	24	79	60		
Asphalt Business in Thailand	Tons	48	28	28	24	21	16	31	
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	58	44		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Total hazardous directed to disposal (Offsite)									
Total	Tons	17	0	0	0	41	26		
Asphalt Business in Thailand	Tons	17	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	41	26		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste incineration with energy recovery (Offsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste incineration without energy recovery (Offsite)									
Total	Tons	1	0	0	0	0	4		
Asphalt Business in Thailand	Tons	1	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	4		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste landfilling (Offsite)									
Total	Tons	17	0	0	0	0	0		
Asphalt Business in Thailand	Tons	17	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Hazardous waste other disposal operations (Offsite)									
Total	Tons	0	0	0	0	41	22		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	41	22		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Total non-hazardous waste directed to disposal (Offsite)									
Total	Tons	31	28	28	24	38	33		
Asphalt Business in Thailand	Tons	31	28	28	24	21	16		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	17	18		
Marine Business	Tons	NA	NA	NA	NA	0	0		

Environmental Performance	Unit	2020	2021	2022	2023	2024	2025	Target 2025	GRI Standards
Non-hazardous waste Incineration with energy recovery (Offsite)									GRI 306-5
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste Incineration without energy recovery (Offsite)									
Total	Tons	0	0	0	0	0	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste landfilling (Offsite)									
Total	Tons	31	28	28	24	21	33		
Asphalt Business in Thailand	Tons	31	28	28	24	21	16		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	0	18		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Non-hazardous waste other disposal operations (Offsite)									
Total	Tons	0	0	0	0	17	0		
Asphalt Business in Thailand	Tons	0	0	0	0	0	0		
Refinery Business in Malaysia	Tons	NA	NA	NA	NA	17	0		
Marine Business	Tons	NA	NA	NA	NA	0	0		
Number of violations of legal obligations/regulations	Case	0	0	0	0	0	0		

Note:

* The reported hazardous waste generated is determined using a mass balance approach

Total weight of waste diverted from disposal = total onsite divert +total offsite divert

Total weight of waste directed to disposal = total onsite direct+total offsite direct

NA = Not Available, no data collected

NR = Not Relevant, not related to business operations