



INTERCONTINENTAL SPECIALTY FATS SDN. BHD.  
SUSTAINABILITY BASE DATA



# Base data

[GRI 3-3, 416-1, 416-2]

## General disclosures

Description	Breakdown	UoM	Jan 22– Mar 23	Jan–Mar 2023	2022	2021	2020	2019	2018
Total number of operations	Refineries (in Malaysia)	no.	2	2	2	2	2	2	2
	Refinery throughput	MT/annum	750,000	750,000	750,000	750,000	750,000	750,000	650,000
	Fractionation plants	no.	2	2	2	2	2	2	2
	Specialty fats plant	no.	2	2	2	2	2	2	2
Volumes produced / finished products	Total	MT	730,960	154,877	576,083	598,074	543,611	499,732	508,282
	Bulk	MT	683,910	145,964	537,946	558,279	507,835	458,133	472,522
	Packed	MT	47,050	8,913	38,137	39,795	35,776	41,599	35,760
Volumes sold by region	Total	MT	730,960	154,877	576,083	598,422	539,760	N/A	N/A
	Japan	MT	40,922	7,332	33,590	33,847	33,134	N/A	N/A
	Americas	MT	26,530	5,383	21,147	18,847	15,421	N/A	N/A
	Europe	MT	299,729	59,956	239,773	243,783	182,867	N/A	N/A
	Asia	MT	351,315	79,733	271,582	294,043	299,844	N/A	N/A
	Africa	MT	5,818	1,110	4,708	2,969	3,144	N/A	N/A
	Oceania	MT	6,646	1,363	5,283	4,935	5,348	N/A	N/A
Total employees	Total (headcount)	no.	645	645	592	580	576	546	525
	Male	no.	501	501	450	448	453	428	412
	Female	no.	144	144	142	132	123	118	113
Port Klang	Total	no.	332	332	314	309	304	275	260
	Male	no.	258	258	243	237	240	211	198
	Female	no.	74	74	71	72	64	64	62
	Permanent	no.	332	332	314	309	304	275	260
	Male	no.	258	258	243	237	240	211	198
	Female	no.	74	74	71	72	64	64	62
	Temporary	no.	0	0	0	0	0	0	0
	Male	no.	0	0	0	0	0	0	0
	Female	no.	0	0	0	0	0	0	0
Dengkil	Total	no.	313	313	278	271	272	271	265
	Male	no.	243	243	207	211	213	217	214
	Female	no.	70	70	71	60	59	54	51
	Permanent	no.	271	271	229	271	272	263	253
	Male	no.	203	203	165	211	213	0	0
	Female	no.	68	68	64	60	59	0	0
	Temporary	no.	42	42	49	0	0	8	12
	Male	no.	40	40	42	0	0	0	0
	Female	no.	2	2	7	0	0	0	0
Senior management	Total	no.	13	13	13	14	5	0	0
	Male	no.	12	12	12	13	4	N/A	N/A
	Female	no.	1	1	1	1	1	N/A	N/A
Management	Total	no.	37	37	34	31	116	124	120
	Male	no.	29	29	28	24	66	76	70
	Female	no.	8	8	6	7	50	48	50
Staff	Total	no.	115	115	106	75	277	422	405
	Male	no.	65	65	60	35	208	352	342
	Female	no.	50	50	46	40	69	70	63

## Responsible sourcing and supplier engagement

Description	Breakdown	UoM	Jan 22– Mar 23	Jan–Mar 2023	2022	2021	2020	2019	2018	
Workers	Total	no.	480	480	439	460	178	0	0	
	Male	no.	395	395	350	376	175	N/A	N/A	
	Female	no.	85	85	89	84	3	N/A	N/A	
Suppliers and volumes sourced	Total direct suppliers	no.	51	37	48	49	52	35	40	
	Total volumes sourced	MT	710,116	132,206	577,911	582,567	525,914	494,559	520,763	
	Crude palm oil									
	Direct suppliers	no.	38	29	36	35	39	24	27	
	Sources from their own plantations	no.	20	13	20	14	16	10	9	
	Volumes sourced	MT	355,573	62,383	293,190	258,794	224,476	226,989	238,938	
	Sources from third party plantations	no.	18	16	16	21	23	14	18	
	Volume sourced	MT	229,951	45,671	184,280	231,924	223,328	197,208	178,648	
	Indirect suppliers	no.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	CPO volumes	MT	585,524	108,055	477,469	490,718	447,804	424,197	417,586	
	Direct volumes	MT	585,524	108,055	477,469	490,718	447,804	424,197	417,586	
	Indirect volumes	MT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Peninsular	%	92.1	93.1	91.7	94.3	94.9	98.1	95.8	
	East Malaysia	%	7.9	6.9	8.3	5.7	5.1	1.9	4.2	
	Crude palm kernel oil									
	Direct suppliers	no.	13	8	12	14	13	11	13	
	Indirect suppliers	no.	176	110	172	177	261	317	178	
	CPKO volumes	MT	124,592	24,151	100,442	91,849	78,109	70,362	103,177	
	Direct volumes	MT	124,592	24,151	100,442	91,849	78,109	70,362	103,177	
	Peninsular	%	97.7	97.3	100.0	100.0	60.0	91.0	98.1	
	East Malaysia	%	0.0	0.0	0.0	0.0	40.0	9.0	1.9	
	International	%	2.3	2.7	N/A	N/A	N/A	N/A	N/A	
	Traceability	% CPO traceable to mill	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0
% CPO traceable to plantation		%	98.6	98.6	99.5	72.9	75.6	81.0	78.0	
% CPKO traceable to mill		%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
% CPKO traceable to plantation		%	71.3	71.3	76.1	31.8	35.0	21.1	19.4	
Supplier engagement and assessments	Direct suppliers complying with palm oil sourcing policy	no.	51	37	48	47	46	N/A	N/A	
	Indirect suppliers complying with palm oil sourcing policy	no.	176	110	172	177	261	N/A	N/A	
	Have NDPE policy in place OR signed ISF's Supplier Code of Conduct	no.	51	37	48	47	46	N/A	N/A	
	Attended NDPE workshops if not RSPO certified	no.	0	0	0	0	15	N/A	N/A	
Grievances	Number of grievances filed	no.	1	0	1	4	12	4	2	
	Number of grievances closed/resolved	no.	2	1	1	1	4	2	0	
	Number of suppliers terminated due to grievances	no.	1	1	0	0	1	1	0	

## Environment

Description	Breakdown	UoM	Jan 22– Mar 23	Jan–Mar 2023	2022	2021	2020	2019	2018
Gross direct (Scope 1) GHG emissions	Total	MT CO <sub>2</sub> e	123,221	23,144	100,077	94,466	94,337	89,782	N/A
	Port Klang	MT CO <sub>2</sub> e	62,672	11,751	50,921	45,052	44,796	39,613	N/A
	Natural gas	MT CO <sub>2</sub> e	62,672	11,751	50,921	45,052	44,796	39,613	N/A
	Steam	MT CO <sub>2</sub> e	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Dengkil	MT CO <sub>2</sub> e	60,550	11,393	49,156	49,415	49,541	50,170	N/A
	Natural gas	MT CO <sub>2</sub> e	60,550	11,393	49,156	49,415	49,541	50,170	N/A
	Steam	MT CO <sub>2</sub> e	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross location-based energy indirect (Scope 2) GHG emissions	Total	MT CO <sub>2</sub> e	92,070	17,575	74,495	71,218	72,877	71,592	N/A
	Port Klang	MT CO <sub>2</sub> e	59,674	11,188	48,486	45,025	46,559	45,290	N/A
	Dengkil	MT CO <sub>2</sub> e	32,396	6,387	26,009	26,192	26,319	26,302	N/A
Gross market-based energy indirect (Scope 2) GHG emissions	Total	MT CO <sub>2</sub> e	79,355	13,513	65,843	71,218	72,877	71,592	N/A
	Port Klang	MT CO <sub>2</sub> e	47,816	7,982	39,834	45,025	46,559	45,290	N/A
	Dengkil	MT CO <sub>2</sub> e	31,539	5,530	26,009	26,192	26,319	26,302	N/A
Gross other indirect (Scope 3) GHG emissions	Total	MT CO <sub>2</sub> e	1,040,734	186,977	853,757	892,712	814,981	N/A	N/A
	Purchased goods and services – CPO & CPKO	MT CO <sub>2</sub> e	718,846	131,014	587,833	658,602	569,647	N/A	N/A
	Purchased goods and services – Imported Raw Material	MT CO <sub>2</sub> e	107,408	15,870	91,539	61,483	80,088	N/A	N/A
	Purchased goods and services – Chemical & Utility	MT CO <sub>2</sub> e	1,118	204	913	953	913	N/A	N/A
	Purchased goods and services – Packaging Material	MT CO <sub>2</sub> e	3,150	582	2,567	2,324	2,176	N/A	N/A
	Fuel- & energy-related activities	MT CO <sub>2</sub> e	116,230	22,036	94,194	89,366	90,379	N/A	N/A
	Upstream transportation and distribution	MT CO <sub>2</sub> e	28,961	5,199	23,762	21,659	19,085	N/A	N/A
	Waste generated at operations	MT CO <sub>2</sub> e	7,470	1,358	6,112	7,572	7,007	N/A	N/A
	Downstream transportation and distribution	MT CO <sub>2</sub> e	57,551	10,714	46,837	50,752	45,687	N/A	N/A
	Port Klang	MT CO <sub>2</sub> e	260,076	50,131	209,945	191,935	178,461	N/A	N/A
	Purchased goods and services – CPO & CPKO	MT CO <sub>2</sub> e	147,985	29,259	118,726	99,646	84,837	N/A	N/A
	Purchased goods and services – Imported Raw Material	MT CO <sub>2</sub> e	28,893	5,407	23,487	28,275	29,116	N/A	N/A
	Purchased goods and services – Chemical & Utility	MT CO <sub>2</sub> e	366	63	303	315	338	N/A	N/A



## Environment

Description	Breakdown	UoM	Jan 22– Mar 23	Jan–Mar 2023	2022	2021	2020	2019	2018
Gross other indirect (Scope 3) GHG emissions	Purchased goods and services – Packaging Material	MT CO <sub>2</sub> e	0	0	0	0	0	N/A	N/A
	Fuel- & energy-related activities	MT CO <sub>2</sub> e	71,461	13,335	58,126	53,197	54,132	N/A	N/A
	Upstream transportation and distribution	MT CO <sub>2</sub> e	3,340	617	2,723	3,413	2,926	N/A	N/A
	Waste generated at operations	MT CO <sub>2</sub> e	1,892	315	1,577	1,557	1,477	N/A	N/A
	Downstream transportation and distribution	MT CO <sub>2</sub> e	6,138	1,135	5,003	5,531	5,634	N/A	N/A
	Dengkil	MT CO <sub>2</sub> e	780,658	136,846	643,812	700,777	636,520	N/A	N/A
	Purchased goods and services – CPO & CPKO	MT CO <sub>2</sub> e	570,862	101,755	469,106	558,956	484,810	N/A	N/A
	Purchased goods and services – Imported Raw Material	MT CO <sub>2</sub> e	78,515	10,463	68,052	33,208	50,972	N/A	N/A
	Purchased goods and services – Chemical & Utility	MT CO <sub>2</sub> e	751	141	610	637	575	N/A	N/A
	Purchased goods and services – Packaging Material	MT CO <sub>2</sub> e	3,150	582	2,567	2,324	2,176	N/A	N/A
	Fuel- & energy-related activities	MT CO <sub>2</sub> e	44,769	8,700	36,069	36,169	36,247	N/A	N/A
	Upstream transportation and distribution	MT CO <sub>2</sub> e	25,621	4,582	21,038	18,245	16,158	N/A	N/A
	Waste generated at operations	MT CO <sub>2</sub> e	5,578	1,043	4,534	6,015	5,530	N/A	N/A
	Downstream transportation and distribution	MT CO <sub>2</sub> e	51,412	9,578	41,834	45,222	40,053	N/A	N/A
	Electricity consumption	Total	GJ	376,650	71,898	304,752	291,345	294,785	289,587
kWh			104,625,066	19,971,697	84,653,369	80,929,230	81,884,804	80,440,923	78,575,106
Port Klang		kWh	67,811,456	12,713,947	55,097,509	51,165,296	52,313,080	50,887,958	48,765,901
Dengkil		kWh	36,813,610	7,257,750	29,555,860	29,763,934	29,571,724	29,552,965	29,809,205
Regular TNB tariff	Total	GJ	317,967	53,149	264,819	291,345	294,785	289,587	282,870
		kWh	88,324,263	14,763,483	73,560,780	80,929,230	81,884,804	80,440,923	78,575,106
	Port Klang	kWh	52,608,867	8,603,947	44,004,920	51,165,296	52,313,080	50,887,958	48,765,901
	Dengkil	kWh	35,715,396	6,159,536	29,555,860	29,763,934	29,571,724	29,552,965	29,809,205
TNB Green Electricity Tariff (GET)	Total	GJ	58,683	18,750	39,933	N/A	N/A	N/A	N/A
		kWh	16,300,803	5,208,214	11,092,589	N/A	N/A	N/A	N/A
	Port Klang	kWh	15,202,589	4,110,000	11,092,589	N/A	N/A	N/A	N/A
	Dengkil	kWh	1,098,214	1,098,214	0	N/A	N/A	N/A	N/A
Natural gas consumption	Total	GJ	1,758,951	330,376	1,428,574	1,348,480	1,350,017	1,283,381	1,244,200
		mmBTU	1,667,157	313,135	1,354,022	1,278,107	1,279,564	1,216,406	1,179,269
	Port Klang	mmBTU	847,934	158,988	688,946	609,538	607,574	537,655	528,694
	Dengkil	mmBTU	819,223	154,147	665,076	668,569	671,990	678,751	650,575

## Environment

Description	Breakdown	UoM	Jan 22– Mar 23	Jan–Mar 2023	2022	2021	2020	2019	2018	
Diesel consumption	Total	GJ	330	70	260	185	178	N/A	N/A	
		litres	8,995	1,899	7,096	5,050	4,852	N/A	N/A	
	Port Klang	litres	0	0	0	0	0	N/A	N/A	
	Dengkil	litres	8,995	1,899	7,096	5,050	4,852	N/A	N/A	
Electricity generated from solar	Total	GJ	6,789	1,492	5,297	3,693	880	N/A	N/A	
		kWh	1,885,767	414,444	1,471,323	1,025,808	244,326	N/A	N/A	
	Port Klang	kWh	170,673	70,732	99,941	N/A	N/A	N/A	N/A	
Dengkil	kWh	1,715,094	343,712	1,371,382	1,025,808	244,326	N/A	N/A		
Water withdrawal by sources										
Rainwater	Total	m <sup>3</sup>	315	63	252	252	252	63	0	
	Port Klang	m <sup>3</sup>	0	0	0	0	0	0	N/A	
	Dengkil	m <sup>3</sup>	315	63	252	252	252	63	N/A	
Ground water	Total	m <sup>3</sup>	44,976	8,487	36,489	35,008	33,061	32,417	15,063	
	Port Klang	m <sup>3</sup>	0	0	0	0	0	0	0	
	Dengkil	m <sup>3</sup>	44,976	8,487	36,489	35,008	33,061	32,417	15,063	
Municipal water	Total	m <sup>3</sup>	806,493	136,463	670,030	614,322	632,680	569,864	612,706	
	Port Klang	m <sup>3</sup>	490,183	94,074	396,109	344,465	337,990	296,746	339,850	
	Dengkil	m <sup>3</sup>	316,310	42,389	273,921	269,857	294,690	273,118	272,856	
Water discharged to surface water	Total	m <sup>3</sup>	252,262	50,728	201,534	184,508	178,372	177,888	170,867	
	Port Klang	m <sup>3</sup>	104,515	21,179	83,336	77,709	77,853	73,724	72,187	
	Dengkil	m <sup>3</sup>	147,747	29,549	118,198	106,799	100,519	104,164	98,680	
Average BOD of water discharged	Port Klang	mg/L	N/A	14	14	13	0	0	0	
	Dengkil	mg/L	N/A	18	15	0	0	0	0	
Waste management	Port Klang									
	Sent to landfill	MT	164	36	128	113	166	164	124	
	Bleaching earth repurposed	MT	5,483	916	4,567	4,724	4,337	1,604	703	
	Scheduled waste sent to waste disposal facility	MT	113	16	97	46	67	51	101	
	Dengkil									
	Sent to landfill	MT	265	48	217	166	565	154	138	
	Bleaching earth repurposed	MT	16,975	3,165	13,810	12,768	12,466	13,069	12,835	
Scheduled waste sent to waste disposal facility	MT	264	22	243	32	28	22	34		

## Our people

Description	Breakdown	UoM	Jan 22– Mar 23	Jan–Mar 2023	2022	2021	2020	2019	2018
New hires by age group	<30 years old	no.	81	28	53	43	N/A	N/A	N/A
	30–50 years old	no.	60	5	55	17	N/A	N/A	N/A
	>50 years old	no.	4	3	1	1	N/A	N/A	N/A
Employees who left by age group	<30 years old	no.	41	9	32	32	N/A	N/A	N/A
	30–50 years old	no.	34	7	27	25	N/A	N/A	N/A
	>50 years old	no.	13	3	10	8	N/A	N/A	N/A
Employee turnover by age group	<30 years old	%	22.3	N/A	20.4	23.4	N/A	N/A	N/A
	30–50 years old	%	9.3	N/A	8.0	6.9	N/A	N/A	N/A
	>50 years old	%	15.1	N/A	11.4	10.1	N/A	N/A	N/A
New hires by gender	Male	no.	112	30	82	17	N/A	N/A	N/A
	Female	no.	33	6	27	8	N/A	N/A	N/A
Employees who left by gender	Male	no.	64	12	52	20	N/A	N/A	N/A
	Female	no.	22	5	17	10	N/A	N/A	N/A
Employee turnover by gender	Male	%	12.9	N/A	11.7	80.0	N/A	N/A	N/A
	Female	%	15.5	N/A	11.9	33.3	N/A	N/A	N/A
New hires by site	Port Klang	no.	57	27	30	36	N/A	N/A	N/A
	Dengkil	no.	45	9	36	25	N/A	N/A	N/A
Employees who left by site	Port Klang	no.	42	7	35	35	N/A	N/A	N/A
	Dengkil	no.	44	10	34	30	N/A	N/A	N/A
Employee turnover by site	Port Klang	%	12.7	N/A	11.1	11.3	N/A	N/A	N/A
	Dengkil	%	14.4	N/A	12.6	11.1	N/A	N/A	N/A
Employees entitled to parental leave	Male	no.	327	327	318	448	348	329	320
	Female	no.	121	121	119	132	66	68	59
Employees took parental leave	Male	no.	42	18	24	5	29	20	22
	Female	no.	11	3	8	2	7	9	8
Employees returned to work after parental leave ended	Male	no.	42	18	24	5	29	20	22
	Female	no.	11	3	8	2	7	8	8
Employees still employed 12 months after their return to work from parental leave	Male	no.	42	18	24	2	29	19	22
	Female	no.	11	3	8	1	7	8	8
Employee diversity by category									
Board of directors	Male	no.	9	N/A	9	9	9	9	8
	Female	no.	0	N/A	0	0	0	0	0
	<30 years old	no.	0	N/A	0	0	0	0	0
	30–50 years old	no.	0	N/A	0	0	0	0	0
	>50 years old	no.	9	N/A	9	9	9	9	8
	Malaysian	no.	0	N/A	0	0	0	0	0
	Japanese	no.	9	N/A	9	9	9	9	8

## Our people

Description	Breakdown	UoM	Jan 22– Mar 23	Jan–Mar 2023	2022	2021	2020	2019	2018
Employee diversity by category									
Senior management	Male	no.	12	N/A	12	13	4	N/A	N/A
	Female	no.	1	N/A	1	1	1	N/A	N/A
	<30 years old	no.	0	N/A	0	0	N/A	N/A	N/A
	30–50 years old	no.	6	N/A	6	5	N/A	N/A	N/A
	>50 years old	no.	7	N/A	7	9	N/A	N/A	N/A
	Malaysian	no.	4	N/A	4	5	N/A	N/A	N/A
	Japanese	no.	9	N/A	9	9	N/A	N/A	N/A
Management	Male	no.	29	N/A	28	24	66	76	70
	Female	no.	8	N/A	6	7	50	48	50
	<30 years old	no.	0	N/A	0	0	N/A	N/A	N/A
	30–50 years old	no.	24	N/A	21	23	N/A	N/A	N/A
	>50 years old	no.	13	N/A	13	8	N/A	N/A	N/A
	Malaysian	no.	28	N/A	25	22	N/A	N/A	N/A
	Japanese	no.	9	N/A	9	9	N/A	N/A	N/A
Staff	Male	no.	65	N/A	60	35	208	352	342
	Female	no.	50	N/A	46	40	69	70	63
	<30 years old	no.	20	N/A	20	14	N/A	N/A	N/A
	30–50 years old	no.	70	N/A	66	51	N/A	N/A	N/A
	>50 years old	no.	25	N/A	20	10	N/A	N/A	N/A
	Malaysian	no.	111	N/A	102	71	N/A	N/A	N/A
	Japanese	no.	2	N/A	4	4	N/A	N/A	N/A
Workers	Male	no.	395	N/A	350	376	175	N/A	N/A
	Female	no.	85	N/A	89	84	3	N/A	N/A
	<30 years old	no.	160	N/A	142	141	N/A	N/A	N/A
	30–50 years old	no.	263	N/A	242	260	N/A	N/A	N/A
	>50 years old	no.	57	N/A	55	59	N/A	N/A	N/A
	Malaysian	no.	448	N/A	405	455	N/A	N/A	N/A
	Nepalese	no.	28	N/A	30	1	N/A	N/A	N/A
Sri Lankan	no.	4	N/A	4	4	N/A	N/A	N/A	
Port Klang	Indigenous ( <i>Orang Asli</i> )	no.	0	N/A	0	0	0	0	0
	Chinese Malaysian	no.	60	N/A	57	62	58	51	48
	Malay	no.	230	N/A	217	189	193	172	163
	Indian Malaysian	no.	20	N/A	20	35	32	34	33
Dengkil	Indigenous ( <i>Orang Asli</i> )	no.	5	N/A	5	2	3	3	3
	Chinese Malaysian	no.	33	N/A	33	32	33	33	32
	Malay	no.	233	N/A	196	204	199	198	190
	Indian Malaysian	no.	35	N/A	35	28	32	29	28
Wages	ISF starting wage	MYR/month	1,500	1,500	1,500	1,200	1,200	1,100	1,050
	Legal minimum wage	MYR/month	1,500	1,500	1,500	1,200	1,200	1,100	1,000
Workers covered by OHS management system	Employees	no.	645	645	592	580	576	546	525
	Non-employees	no.	250	250	250	267	233	312	237
Lost time injuries	Port Klang	no.	4	1	3	5	3	4	5
	Dengkil	no.	4	2	2	6	6	7	7
Total days lost due to work related injury	Port Klang	days	272	68	204	92	89	44	138
	Dengkil	days	131	122	9	176	253	69	35
Total hours worked	Port Klang	hours	1,120,512	203,632	916,880	887,680	852,640	803,000	683,280
	Dengkil	hours	842,400	168,480	673,920	673,920	624,000	624,000	624,000





## Contact

[GRI 2-3]

Lot 1, Lebuh Sultan Hishamudin 2, Kawasan 20, Bandar Sultan Suleiman,  
P.O.Box 207, 42009 Port Klang, Selangor Darul Ehsan, Malaysia

**T:** +603-3176 3050

**E:** [sustainability@isfpk.com.my](mailto:sustainability@isfpk.com.my)

Publication date: 07/09/2023