

# Wilmar International Limited

## Sustainability Report 2021: Base Data

### OVERVIEW OF OPERATIONS

102-7

#### Palm oil production

	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
FFB production (MT)	4,005,083	4,030,264	3,914,613	4,189,728
FFB processed (MT)	9,062,682	8,739,363	9,758,924	9,435,941
CPO (MT)	1,741,803	1,716,131	1,903,413	1,966,505
PK (MT)	419,047	413,089	467,064	482,977

#### Sugarcane production – Wilmar farms (MT)

	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
Australia	523,734	494,839	461,557	484,038
Myanmar	15,376	12,288	28,434	21,325

#### Oil palm plantations' planted area by country (Ha)

	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
Indonesia	151,925	151,971	152,754	152,929
Malaysia	58,187	59,700	59,869	58,164
Ghana	4,738	4,738	4,738	4,738
Nigeria	15,631	15,643	15,580	14,578
<b>Total</b>	<b>230,481</b>	<b>232,053</b>	<b>232,940</b>	<b>230,409</b>

#### Sugarcane plantations' planted area by country (Ha)

	<b>2021</b>	<b>2020</b>
Australia	7,071.27	6,903.96
Myanmar	401.04	520
<b>Total</b>	<b>7,472.31</b>	<b>7,423.64</b>

## PROTECTING THE ENVIRONMENT

### Biodiversity and Conservation

304-3

Total conservation area by type (Ha)

Type of conservation area	2021	2020	2019	2018
HCV (excluding riparian zones)	26,417	25,572	25,511	25,027
HCS	22	22	22	22
Riparian zones	6,007	6,046	5,842	4,564
Other conservation areas	834	826	826	675
<b>Total</b>	<b>33,280</b>	<b>32,466</b>	<b>32,201</b>	<b>30,288</b>

Total conservation area by region (Ha)

Region	2021	2020	2019	2018
Sabah	6,674	6,674	6,745	6,069
Sarawak	1,725	1,725	1,725	1,722
Central Kalimantan	15,087	15,087	15,086	15,084
West Kalimantan	1,921	1,921	1,920	2,010
Sumatra	3,002	3,009	3,009	3,011
Ghana	83	83	83	83
Nigeria	3,955	3,142	2,807	1,633
Australia	675	675	675	675
India	159	151	151	-
Myanmar	0	0	0	0
<b>Total</b>	<b>33,280</b>	<b>32,466</b>	<b>32,201</b>	<b>30,288</b>

Conserved and planted peat area by region (Ha) in 2021

Region	Planted peat area	Conserved peat area
Sabah	10 <sup>#</sup>	0
Sarawak	88 <sup>#</sup>	0
Central Kalimantan	0 <sup>#</sup>	0
West Kalimantan	145 <sup>#</sup>	104
Sumatra	1,593 <sup>#</sup>	323
Ghana	0	0
Nigeria	0	0
<b>Total</b>	<b>1,836<sup>#</sup></b>	<b>427</b>

<sup>#</sup> EY has performed limited assurance procedures on these figures.

#### Hotspots vs actual fires by region in Indonesia in 2021

	Wilmar's concessions			Within a 5km radius outside of Wilmar concessions	
	No. of hotspots detected	No. of actual fires	Area affected (Ha)	No. of hotspots detected	No. of actual fires
Central Kalimantan	7	11	22.4	22	18
West Kalimantan	35	8	7.8	1076	37
Sumatra	31	32	47.4	131	137
<b>Total</b>	<b>73</b>	<b>51</b>	<b>77.6</b>	<b>1229</b>	<b>192</b>

Note: There were no fires within a 5km radius of our concessions in Malaysia, Ghana and Nigeria

#### Hotspots vs actual fires by region in Indonesia (2021-2018)

	Wilmar's concessions				Within a 5km radius outside of Wilmar concessions			
	2021	2020	2019	2018	2021	2020	2019	2018
<b>No. of hotspots detected</b>	73	31	143	41	1229	823	1607	791
<b>No. of actual fires</b>	51	27	166	64	192	123	214	98
<b>Total affected area (Ha)</b>	77.6	70.6	953.9	423.3	1009.3 3	390.1 6	6,962.1 4	960.6 5

#### **Climate Change**

305-1, 305-2, 305-4, 305-5, FB-AG-110a.1, FB-AG-110a.3

#### Scope 1 and scope 2 emissions by business activity (MT CO<sub>2</sub>e) in 2021

	Scope 1	Scope 2
Oil palm plantations	297,519	2,590
Palm oil mills	1,139,137	5,491
Sugarcane plantations	14,415	961
Sugar mills	188,726	33,554
Factories	5,155,451	4,230,793
Shipping	1,086,854	0
<b>Total</b>	<b>7,882,101</b>	<b>4,273,390</b>

Note: Scope 1 and 2 emissions are calculated based on the GHG Protocol, the world's most widely used GHG accounting standards for companies, and include the following gases: CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O. The GWP rates used are from the IPCC Fifth Assessment Report (AR5). The operational control approach is used to consolidate GHG emissions. Non-manufacturing sites such as headquarters/offices are excluded.

## Environmental Footprint of Operations

### Energy

302-1, 302-3, FB-AG-130a.1, FB-PF-130a.1,

Total energy consumption within the organisation by business activity (MWh)

Business activity	2021	2020
Oil palm plantations	243,501	245,436
Palm oil mills	5,235,704	5,414,115
Sugarcane plantations	11,525	11,829
Sugar mills	18,271,816	20,062,418
Factories	26,193,714	23,418,300
<b>Shipping</b>	<b>3,959,966</b>	<b>4,052,267</b>
<b>Total energy consumption</b>	<b>53,916,225</b>	<b>53,204,366</b>
<b>Energy Intensity (MWh per MT of product)</b>	<b>0.60</b>	<b>0.59</b>

Total energy consumption within the organisation (TJ) in 2021

<b>Fuel consumption</b>	
Total fuel consumption from non-renewable sources	62,811
Total fuel consumption from renewable sources	110,078
<b>Electricity, heating and steam consumption</b>	
Electricity consumption from non-renewable sources	16,108
Electricity consumption from renewable sources	801
Heating consumption from non-renewable sources	21
Heating consumption from renewable sources	0
Steam consumption	6,256
<b>Electricity, heating and steam sold</b>	
Electricity sold (non-renewable)	352
Electricity sold (renewable)	1,746
Heating sold	0
Steam sold	0
<b>Total energy consumption</b>	<b>193,977</b>

Note: Type of fuels from non-renewable sources used include diesel, natural gas, lignite coal, sub-bituminous coal, other bituminous coal, lubricants, motor gasoline, biodiesel, LPG, HFO, anthracite coal, acetylene and ethanol. Type of fuels from renewable sources include biogas, wood biomass and other solid biomass fuels.

# Water

303-2, 303-3, 303-5, FB-AG-140a.1

## Water withdrawal, by source (ML) in 2021

	All areas		Areas with water stress	
	Freshwater (≤1,000 mg/L Total Dissolved Solids)	Other water (>1,000 mg/L Total Dissolved Solids)	Freshwater (≤1,000 mg/L Total Dissolved Solids)	Other water (>1,000 mg/L Total Dissolved Solids)
Surface water	52,613	14,603	2,721	1,986
Groundwater	15,657	3,486	1,278	0
Seawater	0	32,957	0	8,597
Produced water	56	442	36	325
Third-party water	35,006	12,569	8,609	1,498
<b>Total</b>	<b>103,332</b>	<b>64,057</b>	<b>12,644</b>	<b>12,407</b>
<b>Total water withdrawal</b>	<b>167,389</b>		<b>25,051</b>	

## Total water consumption (ML) in 2021

	All areas	Areas with water stress
Total water withdrawal	167,389	25,051
Total water discharge	68,615	14,566
<b>Total water consumption</b> (Total water withdrawal – Total water discharge)	<b>98,774</b>	<b>10,485</b>

# Effluents

303-4

## Water discharge by destination (ML) in 2021

	Freshwater (≤1,000 mg/L Total Dissolved Solids)	Other water (>1,000 mg/L Total Dissolved Solids)
Surface Water	7,345	2,152
Groundwater	7	0
Seawater	1,090	35,430
Third-party water sent for use to other organisations	4,312	18,279
<b>Total</b>	<b>12,754</b>	<b>55,861</b>

## Water discharge by freshwater and other water, and by area (ML) in 2021

	Freshwater (≤1,000 mg/L Total Dissolved Solids)	Other water (>1,000 mg/L Total Dissolved Solids)	Total
All areas (excluding water stress areas)	11,499	42,550	<b>54,049</b>
Areas with water stress	1,255	13,312	<b>14,566</b>
<b>Total</b>	<b>12,754</b>	<b>55,861</b>	<b>68,615</b>

POME BOD levels, by region and discharge destination (mg/L)

	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
<b>River discharge</b>				
Sabah (land irrigation)	18 <sup>#</sup>	21	28	32
Sarawak	12 <sup>#</sup>	22	20	17
Sumatra	58 <sup>#</sup>	56	52	58
West Kalimantan	67 <sup>#</sup>	79	87	89
<b>Land application</b>				
Ghana	280 <sup>#</sup>	205	150	175
Nigeria	23 <sup>#</sup>	NA	NA	NA
Central Kalimantan	446 <sup>#</sup>	481	566	1,052
Sumatra	1,197 <sup>#</sup>	1,075	1,244	982
West Kalimantan	252 <sup>#</sup>	889	934	312

Note:

1. BOD legal limits for river discharge range from 20mg/L to 100mg/L across the regions where we operate. For Sabah, limits may vary depending on the year a mill was constructed.
2. BOD legal limits for land application in Indonesia is 5,000 mg/L, 50mg/L for Nigeria and are not applicable for Ghana.

PORE COD levels, by country and discharge destination (mg/L)

	Discharge to external water bodies		Discharge to external third parties	
	<b>2021</b>	<b>2020</b>	<b>2021</b>	<b>2020</b>
Africa	164 <sup>#</sup>	154	1011 <sup>#</sup>	1033
Indonesia	62 <sup>#</sup>	60	97 <sup>#</sup>	165
Malaysia	78 <sup>#</sup>	80	NA	NA

Note:

1. COD regulatory limits range from 80 mg/L to 5,000 mg/L across the regions where we operate depending on permits.

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<sup>#</sup> EY has performed limited assurance procedures on these figures

Waste  
306-3, 306-4, 306-5

Waste generated, diverted and disposed, by type (MT) in 2021

	Waste generated	Waste diverted from disposal	Waste directed to disposal
Biomass	4,005,896	3,882,489	123,407
Metals	409,274	409,274	0
Paper/cardboard	8,686	8,686	0
Glass	60	60	0
Plastics	45,348	45,348	0
Residual waste	204,126	0	204,126
Ash/cinder - Boiler/thermal oil heater/hot water heater	0	0	0
Any others	1,495,087	613,708	881,379
<b>Total Waste</b>	<b>6,168,478</b>	<b>4,959,566</b>	<b>1,208,912</b>

Waste diverted from disposal (onsite and offsite) by recovery operation (MT) in 2021

Hazardous Waste	Onsite	Offsite	Total
Preparation for reuse	0	48	48
Recycling	172,445	15,867	188,312
Other Recovery Options	18	87,499	87,516
<b>Total</b>	<b>172,463</b>	<b>103,414</b>	<b>275,877</b>
Non-Hazardous Waste	Onsite	Offsite	Total
Preparation for reuse	122,204	463,253	585,457
Recycling	274,759	3,703,412	3,978,171
Other recovery options	46,971	73,090	120,061
<b>Total</b>	<b>443,935</b>	<b>4,239,755</b>	<b>4,683,690</b>
<b>Total waste prevented (Hazardous Waste + Non-Hazardous Waste)</b>	<b>616,397</b>	<b>4,343,169</b>	<b>4,959,566</b>

Waste directed to disposal (onsite and offsite) by disposal operation (MT) in 2021

Hazardous waste	Onsite	Offsite	Total
Incineration (with energy recovery)	497	1,805	2,302
Incineration (without energy recovery)	3,066	322	3,388
Landfilling	6,291	30	6,322
Other disposal operations	90,246	51,157	141,403
<b>Total</b>	<b>100,100</b>	<b>53,314</b>	<b>153,414</b>
Non-Hazardous Waste	Onsite	Offsite	Total
Incineration (with energy recovery)	122,910	613	123,523
Incineration (without energy recovery)	195,692	5,045	200,738
Landfilling	63,995	295,071	359,067
Other disposal operations	70,958	301,212	372,170
<b>Total</b>	<b>453,556</b>	<b>601,942</b>	<b>1,055,497</b>
<b>Total waste directed to disposal (Hazardous Waste + Non-Hazardous Waste)</b>	<b>553,656</b>	<b>655,255</b>	<b>1,208,912</b>

Use of upstream solid waste from our palm oil operations (MT) in 2021

	<b>Empty Fruit Bunches (EFB)</b>	<b>Mesocarp fibre and palm kernel shells</b>
Consumed for energy recovery	29,854	1,420,038
Mulched / composted	1,541,472	0
<b>Total</b>	<b>1,571,326</b>	<b>1,420,038</b>

Chemical usage in oil palm plantations (kg of active ingredients per Ha)

	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
Malaysia	2.59	2.35	2.27	2.03
Indonesia	1.25	1.07	1.08	1.05
Ghana	0.76	0.87	1.09	1.75
Nigeria	0.87	0.45	1.92	0.82

Chemical usage in sugar farms (kg per Ha)

	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
Australia	6.14	4.98	4.14	3.60
Myanmar	2.20	3.27	2.20	3.04

Note: The Bonsucro limit is of <5.

**Sustainable Packaging**

301-1, FB-PF-410a.1

Total weight of materials used for packaging by business activity (MT) in 2021

<b>Business activity</b>	<b>Plastics</b>		<b>Non-plastics</b>	
	<b>Non-renewable</b>	<b>Renewable</b>	<b>Non-renewable</b>	<b>Renewable</b>
Sugar mills	2,006	39	0	0
Factories	376,742	48,090	133,059	178,671

*Note: Our oil palm plantations, palm oil mills, and sugarcane plantations do not use any packaging materials.*

Percentage of recyclable, compostable and recycled content in plastic packaging (%) in 2021

Recyclable plastics	89
Compostable plastics	11
Recycled content	0.3



Weight of non-plastic packaging by paper, metal and glass (MT), and recycled content (%)

<b>Non-plastic category</b>	<b>Weight Consumed (MT)</b>	<b>Percentage of Recycled Content (%)</b>
Wood/Paper fiber	178,671	99
Metal	121,914	17
Glass	11,145	99

## **LOOKING AFTER PEOPLE AND COMMUNITIES**

### **Talent Management**

102-7, 102-8, 401-1, 404-1, 404-3

Proportion of full-time and part-time employees (%)

Full-time employees	95
Part-time employees	5

Proportion of permanent and temporary contract employees (%)

Permanent employees	78
Temporary employees	22

Breakdown of employees by employment type, by gender (%)

	<b>Male</b>	<b>Female</b>
Full-time employees	77	23
Part-time employees	58	42

Breakdown of employees by employment contract, by gender (%)

	<b>Male</b>	<b>Female</b>
Permanent employees	77	23
Temporary employees	71	29

Breakdown of employees by region (%)

Africa	6.3
Australia/New Zealand	4.7
Europe	0.2
India	2.0
People's Republic of China	30.6
South East Asia	55.7
Others	1.6

Breakdown of employees by employment contract, by region (%)

	<b>Permanent</b>	<b>Temporary</b>
Africa	94.7	5.3
Australia/New Zealand	93.5	6.5
Europe	84.6	15.4
South East Asia	92.6	7.4
India	98.9	1.1
People's Republic of China	44.5	55.5
Others	96.3	3.8

Average amount spent on training and development, by employee category (US\$)

Executive management	1,733.7
Senior management	90.2
Middle management	121.1
Junior management	63.3
Non-management	30.2
Factory workers	58.5
Plantation workers	4.5

Average amount spent on training and development, by age (US\$)

< 30 years	39.1
30-50 years	29.8
> 50 years	94.2

Average amount spent on training and development, by gender (US\$)

Male	38.1
Female	35.1

Average hours of training per employee, by employee category

Executive management	65.41
Senior management	24.86
Middle management	23.12
Junior management	28.84
Non-management	16.63
Factory workers	18.95
Plantation workers	0.43

Average hours of training per employee, by age

< 30 years	15.90
30-50 years	12.03
> 50 years	14.52

Average hours of training per employee, by gender

Male	13.66
Female	11.89

Proportion of employees who responded that they feel engaged in engagement survey, by employee category

Executive Management	100%
Senior Management	96%
Middle Management	79%
Junior Management	73%
Non-Management	78%
Factory Workers	65%
Plantation Workers	65%

New employee hires and voluntary turnover rates, by gender (%)

	<b>Male</b>	<b>Female</b>
Total new employee hires rate	9%	13%
Total employee turnover rate	12%	14%
Total voluntary employee turnover rate	9%	10%

New employee hires and voluntary turnover rates, by age group (%)

	<b>&lt;30 years old</b>	<b>30-50 years old</b>	<b>&gt;50 years old</b>
Total new employee hire rate	24%	6%	4%
Total employee turnover rate	20%	9%	13%
Total voluntary employee turnover rate	17%	7%	6%

New employee hires and voluntary turnover rates, by employee category (%)

	Executive Management	Senior Management	Middle Management	Junior Management	Non-Management	Factory workers	Plantation workers
Total new employee hire rate	1%	3%	7%	10%	16%	14%	2%
Total employee turnover rate	3%	6%	7%	10%	13%	14%	11%
Total voluntary employee turnover rate	1%	4%	5%	8%	11%	12%	7%

**Human Rights and Labour Standards**

202-1

All Wilmar employees across the Group are paid at or above (ratio of at least 1) the legal minimum wages of their respective regions or countries.

**Diversity and Inclusion**

405-1, 405-2

Gender diversity by employee category (%)

	Male	Female
Executive Management	88%	12%
Senior Management	83%	17%
Middle Management	76%	24%
Junior Management	69%	31%
Non-Management	71%	29%
Factory Workers	85%	15%
Plantation Workers	73%	27%

Gender diversity at the Board (%)

Male	Female
85%	15%

Employee age diversity (%)

	% of total employees
< 30 years	26%
30-50 years	66%
> 50 years	8%

#### Age diversity by employee category (%)

	<b>&lt; 30 years</b>	<b>30-50 years</b>	<b>&gt; 50 years</b>
Executive Management	0%	48%	52%
Senior Management	0%	59%	41%
Middle Management	1%	79%	20%
Junior Management	7%	86%	7%
Non-Management	28%	65%	7%
Factory Workers	32%	59%	9%
Plantation Workers	25%	68%	7%

#### Age diversity at the Board (%)

< 30 years	30-50 years	> 50 years
0%	8%	93%

#### Ratio of weighted average annual basic salary and average annual remuneration, by employee category

	<b>Ratio Female to Male (basic salary)</b>	<b>Ratio Female to Male (annual remuneration)</b>
Executive Management	89%	82%
Senior Management	96%	99%
Middle Management	98%	100%
Junior Management	112%	108%
Non-Management	150%	139%
Factory workers	92%	80%
Plantation workers	90%	86%

### **Employee Health, Safety and Well-being**

403-9, FB-AG-320a.1

#### Fatalities and Fatality Rate (FR): Employees and contractors

	<b>Fatalities</b>				<b>FR per 200,000 hours worked</b>			
	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
Oil palm plantations	6 <sup>#</sup>	6	4	5	0.013	0.013	0.008	0.011
Palm oil mills	2 <sup>#</sup>	1	4	1	0.028	0.013	0.048	0.013
Sugarcane plantation	0 <sup>#</sup>	0	0	0	0.000	0.000	0.000	0.000
Sugar mills	1 <sup>#</sup>	1	0	3	0.016	0.016	0.000	0.121
Factories	17 <sup>#</sup>	10	11	7	0.019	0.012	0.014	0.010
<b>Wilmar Group</b>	<b>26<sup>#</sup></b>	<b>18</b>	<b>19</b>	<b>16</b>	<b>0.017</b>	<b>0.012</b>	<b>0.014</b>	<b>0.012</b>

<sup>#</sup> EY has performed limited assurance procedures on these figures.

Lost Time Injury (LTI) and Lost Time Injury Frequency Rate (LTIFR): Employees and contractors

	LTI				LTIFR per 200,000 hours worked			
	2021	2020	2019	2018	2021	2020	2019	2018
Oil palm plantations	882	1,056	1,008	1,105	1.890	2.239	2.080	2.325
Palm oil mills	27	47	35	46	0.379	0.607	0.418	0.576
Sugarcane plantation	2	1	0	0	3.541	1.573	0.000	0.000
Sugar mills	37	31	45	32	0.592	0.488	0.667	1.290
Factories	187	182	157	113	0.205	0.218	0.205	0.158
<b>Wilmar Group</b>	<b>1,135</b>	<b>1,317</b>	<b>1,245</b>	<b>1,296</b>	<b>0.750</b>	<b>0.910</b>	<b>0.889</b>	<b>1.002</b>

Lost Work Days (LWD) and Lost Work Days Rate (LWDR): Employees and contractors

	LWD				LWDR per 200,000 hours worked			
	2021	2020	2019	2018	2021	2020	2019	2018
Oil palm plantations	4,439	4,291	4,251	4,552	9.51	9.10	8.77	9.58
Palm oil mills	705	457	1,089	498	9.89	5.90	13.02	6.24
Sugarcane plantation	107	2	0	0	189.42	3.15	0.00	0.00
Sugar mills	939	787	877	1,346	15.02	12.39	12.99	54.25
Factories	4,957	3,229	5,719	3,893	5.44	3.87	7.48	5.46
<b>Wilmar Group</b>	<b>11,147</b>	<b>8,766</b>	<b>11,936</b>	<b>10,289</b>	<b>7.37</b>	<b>6.05</b>	<b>8.52</b>	<b>7.95</b>

Permanent Disabilities (PD) and Permanent Disability Rate (PDR): Employees and contractors

	PD				PDR per 200,000 hours worked			
	2021	2020	2019	2018	2021	2020	2019	2018
Oil palm plantations	2	1	2	2	0.004	0.002	0.004	0.004
Palm oil mills	2	1	4	1	0.028	0.013	0.048	0.013
Sugarcane plantation	0	0	0	0	0.000	0.000	0.000	0.000
Sugar mills	0	0	0	0	0.000	0.000	0.000	0.000
Factories	5	7	15	7	0.005	0.008	0.020	0.010
<b>Wilmar Group</b>	<b>9</b>	<b>9</b>	<b>21</b>	<b>10</b>	<b>0.006</b>	<b>0.006</b>	<b>0.015</b>	<b>0.008</b>

## Economic and Community Contribution

201-1

### Contributions by type (US\$)

Cash contributions	20,656,358
Employee time	141,011
In-kind donations	5,546,934
Management cost	2,560,058
<b>Total</b>	<b>28,904,361</b>

### Contributions by motivation (US\$)

Charitable donations	21,742,231
Community investment	6,546,966
Commercial initiatives	615,164
<b>Total</b>	<b>28,904,361</b>

### Infrastructure area in palm oil operations (Ha)

Region	2021	2020	2019
Sabah	3,595	3,595	3,570
Sarawak	2,428	2,428	2,461
Central Kalimantan	3,797	3,780	3,776
West Kalimantan	1,253	1,243	1,221
Sumatra	2,274	2,261	2,232
Nigeria	1,006	1,040	974
Ghana	145	145	145
<b>Total</b>	<b>14,497</b>	<b>14,491</b>	<b>14,380</b>

## DELIVERING PRODUCT EXCELLENCE

### Innovation and Technology

#### FFB yield and CPO/PK extraction rates

	2021	2020	2019	2018
<b>FFB yield (MT FFB/Ha)</b>	19.61	20.4	20.11	21.6
<b>CPO extraction rate (%)</b>	19.5	19.88	19.5	19.9
<b>PK extraction rate (%)</b>	4.62	4.73	4.8	4.9

#### Sugarcane yield (MT/Ha)

	2021	2020	2019
<b>Australia</b>	96.4	90.6*	87.6
<b>Myanmar</b>	40.8	30.2	51.2

\*2020 data has been restated due to addition of facilities in scope and data refinements

## Product Marketing and Labelling

### RSPO certification status

	2021	2020	2019	2018
<b>RSPO certified – own plantation area (Ha)</b>	<b>245,066<sup>##</sup> (79%)</b>	<b>239,516 (77%)</b>	<b>229,301 (74%)</b>	<b>222,318 (76%)</b>
Sabah	49,395	49,365	49,365	49,365
Sarawak	26,513	26,513	26,513	26,513
Central Kalimantan	94,366	94,366	9,4367	94,367
West Kalimantan	11,829	11829.45	11830.43	4,847
Sumatra	52,294	52,294	42,077	47,077
Nigeria	5,550	0	0	0
Ghana	5,149	5,149	5,149	5,149
<b>RSPO-certified – scheme smallholder area (Ha)</b>	<b>5,095 (12%)</b>	<b>5,095 (12%)</b>	<b>5,095 (12%)</b>	<b>3,690 (9%)</b>
Indonesia	3,445	3,445	3,445	2,040
Ghana	1,650	1,650	1,650	1,650
Nigeria	0	0	0	0
<b>RSPO-certified mills (No.)</b>	<b>28<sup>##</sup> (78%)</b>	<b>27 (75%)</b>	<b>26 (72%)</b>	<b>25 (69%)</b>
Sabah	6	6	6	6
Sarawak	2	2	2	2
Central Kalimantan	8	8	8	8
West Kalimantan	2	2	2	1
Sumatra	8	8	7	7
Nigeria	1	0	0	0
Ghana	1	1	1	1
<b>RSPO-certified refineries (No.)</b>	<b>138 (99%)</b>	<b>133 (98%)</b>	<b>113 (84%)</b>	<b>102 (78%)</b>
Indonesia	47	44	45	43
Malaysia	22	22	22	19
China	55	54	33	27
Vietnam	7	6	6	6
Europe	1	1	1	1
Africa	3	3	3	3
Others	3	3	3	3

### MSPO certification status

	2021	2020	2019	2018
Mills	9 <sup>##</sup>	9	9	8
Downstream operations	19	18	16	-

Note: Downstream operations include: Refineries, warehouses, kernel crushing plants, oleochemical plants and biodiesel plants.

<sup>##</sup> CU has performed limited assurance procedures on these figures



#### ISPO certification status

	2021	2020	2019	2018
<b>ISPO certified mills</b>	<b>15<sup>##</sup> (44%)</b>	<b>14 (41%)</b>	<b>11 (32%)</b>	<b>8 (24%)</b>
Independent mills	5 <sup>##</sup>	4	1	0
Mills with own plantations	10	10	10	8

#### ISCC certification status

	2021	2020	2019	2018
<b>ISCC certified sites (No.)</b>	<b>42</b>	<b>42</b>	<b>37</b>	<b>35</b>
Palm oil mills	20	20	20	20
Palm oil refineries	13	12	10	8
Traders	2	2	1	1
Biodiesel plants	3	3	3	3
Bulking terminals	2	2	2	0
Warehouses	0	1	1	3
Kernel crushing plants	1	1	0	0
Oleochemical plants	1	1	0	0

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<sup>##</sup> CU has performed limited assurance procedures on these figures

# Certified Sustainable Palm oil

	2021	2020	2019	2018
<b>Certified Sustainable Palm oil (MT)</b>	<b>753,301 (43%)</b>	<b>767,866 (45%)</b>	<b>720,816 (38%)</b>	<b>680,935 (35%)</b>
Malaysia	218,255	221,498	212,649	214,395
Indonesia	504,957	525,158	486,768	448,719
Ghana	22,368	21,210	21,399	17,821
Nigeria	7,721	0	0	0
<b>Certified sustainable palm kernels (MT)</b>	<b>170,253 (41%)</b>	<b>175,996 (43%)</b>	<b>161,442 (35%)</b>	<b>148,934 (31%)</b>
Malaysia	42,890	43,309	41,612	41,908
Indonesia	119,912	127,132	114,225	102,696
Ghana	5,872	5,555	5,605	4,330
Nigeria	1,579	0	0	0
<b>Certified sustainable FFB from Wilmar plantations (MT)</b>	<b>3,677,648 (86%)</b>	<b>3,652,009 (88%)</b>	<b>3,336,288 (77%)</b>	
Malaysia	1,158,262	1,176,512	979,481	
Indonesia	2,401,032	2,394,198	2,254,907	
Ghana	83,270	81,300	101,900	
Nigeria	35,084	0	0	
<b>Certified sustainable FFB purchased from independent smallholders/ outgrowers (MT)</b>	<b>24,138 (0.5%)</b>	<b>44,038 (0.96%)</b>	<b>31,955 (0.59%)</b>	
Malaysia	24,138	19,363	31,955	
Indonesia	0*	24,674	0	
Ghana	0	0	0	
Nigeria	0	0	0	

\* Due to internal alignment of categorization for independent smallholders, the 2021 figure only accounts for independent smallholders who have not taken part in our scheme smallholders programme.

## TRANSFORMING OUR SUPPLY CHAIN

### Responsible Sourcing and Supply Chain Transformation

308-1, 308-2, 414-1, 414-2

#### Smallholders

	2021	2020	2019	2018
<b>No. of scheme smallholders</b>	<b>27,931</b>	<b>10,738</b>	<b>16,064</b>	<b>15,883</b>
Malaysia	0	0	0	0
Indonesia	27,438**	10,238	15,583	15,402
Ghana	438	438	438	438
Nigeria	55	62	43	43
<b>Scheme smallholder planted (Ha)</b>	<b>35,682</b>	<b>10,011</b>	<b>35,391</b>	<b>35,799</b>
Malaysia	0	0	0	0
Indonesia	34,032**	8,361	33,742	34,149
Ghana	1,650	1,650	1,650	1,650
Nigeria*	76	180	150	85

\* Nigeria planted area for scheme smallholders is in immature stage and not harvested yet.

\*\* Due to internal alignment of categorization for independent smallholders, the scheme smallholders' data have been updated accordingly.

#### FFB processed by Wilmar palm oil mills

	MT	%
Wilmar plantations	4,000,519	44.14
Scheme smallholders	256,542	2.83
Third-party suppliers	4,805,621	53.03

#### Source of CPO and PKO managed by Wilmar refineries globally (%)

Wilmar mills	~10
Third-party suppliers*	~90

\*Third-party suppliers include third-party direct mills, third party refineries/traders/bulkers

#### Sugarcane processed by Wilmar Sugar Mills

	MT	%
Wilmar plantations	539,083	2.6%
Third-party plantations	19,974,626	97.4%
<b>Total</b>	<b>20,513,709</b>	<b>100%</b>