

## Particulars

### About Your Organisation

#### 1.1 Member Name

Musim Mas Holdings Pte. Ltd.

#### 1.2 Membership number

2-0907-18-000-00

#### 1.3 Membership sector

Palm Oil Processors and/or Traders

#### 1.4 Membership category

Ordinary

#### 1.5 Country

Singapore

### 2.0 Does your company or organisation produce, process, consume or sell any palm oil or any products containing derivatives of palm oil?

Yes

### 2.1 Please select all description(s) that describe the palm oil-related activities of your company or organisation. Multiple selections are allowed, and not limited to the primary sector of the member's RSPO membership. You will be required to complete the relevant ACOP section based on your selection(s).

- I own and operate oil palm estate(s) and/or palm oil mill(s)
- I represent a palm oil Independent Smallholder farmer Group
- I own and operate independent palm oil mills
- I own and operate independent palm kernel crushing plants
- I trade or broker palm oil, palm kernel oil or related products
- I am a refiner of palm oil or palm kernel oil
- I am a processor of intermediate (B2B) palm oil, palm kernel oil or related ingredients
- I am a B2B distributor or wholesaler of palm oil, palm kernel oil or related products
- I manufacture consumer (B2C) products containing palm oil, palm kernel oil or related products. This includes products manufactured by 3rd party contractors.
- I retail consumer (B2C) products containing palm oil, palm kernel oil or related products
- I operate food retail outlets that use palm oil, palm kernel oil or related products
- I support the sustainable development of the palm oil industry as a conservation and environmental NGO
- I support the sustainable development of the palm oil industry as a social and human development NGO

## Grower

### 1. Operational Profile

#### 1.1 Please state your company's main activities as a palm oil grower:

- Oil palm grower without palm oil mill
- Oil palm grower with palm oil mill
- Oil palm grower with palm oil mill and palm kernel crushing plant
- Independent palm oil mill
- Smallholder Group Manager

### 2. Operations and Certification Progress

*Information in Section 2.0 - Operations and Certification Progress - is a mandatory declaration in your ACOP. This includes hectare data, to enable the RSPO to accurately calculate certification of individual members, sectors and RSPO members as a whole. ACOP reports without reported hectare data will be considered as incomplete and will not be accepted. Incomplete ACOP reports may lead to suspension or termination of RSPO membership.*

#### 2.1 Land area controlled and managed associated to palm oil

##### 2.1.1 Please state the total number of palm oil estates, certified and uncertified, controlled or managed by the member

28

#### Land area controlled and managed associated to palm oil

Description	Hectares
2.1.2 Total land controlled or managed for oil palm cultivation - planted and infrastructure (hectares)	131632.0
2.1.3 Total land controlled or managed for oil palm cultivation - unplanted (hectares)	32229.0
2.1.4 Total land designated and managed as HCV areas (hectares)	20766.0
2.1.5 Other conservation land set aside, excluding HCV areas reported in 2.1.4 (hectares)	8161.0
2.1.6 Total land under scheme smallholders (hectares)	6449.0
Total	199237.0

**2.2 Certification progress****2.2.1 Number of management units certified under RSPO P&C Certification**

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13

**2.2.2 Total certified land under the RSPO P&C Certification, excluding scheme smallholders (hectares)**

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136588.0

**2.2.2.1 Certification progress - land under RSPO P&C Certification, excluding scheme smallholders**

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70.85%

**2.2.3 Total certified land under scheme smallholders (hectares)**

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3494.0

**2.2.3.1 Certification progress - land under scheme smallholders**

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54.18%

**2.3 In which countries are your estates located?****2.3.1 Indonesia - Please indicate which province(s)**

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Central Kalimantan, North Sumatra, Riau, South Sumatra, West Kalimantan, West Sumatra

**2.3.2 Malaysia - Please indicate which state(s)**

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**2.3.3 Other - Please indicate which country/countries**

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**2.4 New plantings and development (excluding replanting)****2.4.1 How much new land was planted by your company during this reporting period (hectares)?**

747.0

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**2.4.2 How many New Planting Procedures (NPP) covering the new plantings in this reporting period (Question G.2.4.1) were submitted to the RSPO?**

11.0

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**2.4.3 Please provide links to the NPP Public Notifications reported in Question G.2.4.2**

1. <https://rspo.org/certification/new-planting-procedure/public-consultations/pt-agrowiratama-pt-mulia-indah-new-plantingassessment-call-for-comments> 2. <https://rspo.org/certification/new-planting-procedure/public-consultations/pt-agrowiratama-newplanting-assessment-call-for-comments> 3. <https://rspo.org/certification/new-planting-procedure/public-consultations/pt-musim-maspt-lestari-abadi-perkasa-new-planting-assessment-call-for-comments> 4. <https://rspo.org/certification/new-plantingprocedure/public-consultations/pt-mentari-pratama-new-planting-assessment-call-for-comments> 5. <https://rspo.org/certification/new-planting-procedure/public-consultations/pt.-agrowiratama-pt-multipersada-gatramegah> 6. <https://rspo.org/certification/new-planting-procedure/public-consultations/pt-agrowiratama-phase-ii> 7. <https://rspo.org/certification/new-planting-procedure/public-consultations/pt-agrowiratama-pt-maju-aneka-sawit> 8. <https://rspo.org/certification/new-planting-procedure/public-consultations/pt-unggul-lestari> 9. <https://rspo.org/certification/newplanting-procedure/public-consultations/pt-agrowiratama-pt-sukajadi-sawit-mekar> 10. <https://rspo.org/certification/new-plantingprocedure/public-consultations/pt-harisa-agro-lestari> 11. <https://rspo.org/certification/new-planting-procedure/publicconsultations/pt-agrowiratama-pt-globalindo-alam-perkasa>

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**2.4.4 Do the New Planting Procedures (NPP) reported in Question G.2.4.2 cover all new plantings reported in Question G.2.4.1?**

Yes

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**2.5 Supply of Fresh Fruit Bunches (FFB)****2.5.1 Total FFB volume produced by estates managed or controlled by your company (tonnes)**

2594064.0

**2.5.1.1 Total certified FFB volume produced by certified estates managed or controlled by your company (tonnes)**

2434737.0

**2.5.2 In addition to FFB produced by your company's estates, does your supply base include any of the following?**

- Scheme Smallholders
- Independent Smallholders
- Outgrowers
- Other Third-Party Suppliers

**2.5.3 Scheme smallholder operations that supply your operations:****2.5.3.1 Total FFB volume supplied by scheme smallholders (tonnes)**

212626.0

**2.5.3.2 Total certified FFB volume supplied by scheme smallholders (tonnes)**

193088.0

**2.5.6 Other Third-party supplier operations that supply your operations:****2.5.6.1 Total FFB volume supplied by third-party suppliers (tonnes)**

385244.0

**2.5.6.2 Total certified FFB volume supplied by third-party suppliers (tonnes)**

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**2.6 Fresh Fruit Bunches (FFB) processing and production operations**

**2.6.1 Number of palm oil mills operated**

15

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**2.6.2 Number of palm oil mills certified under RSPO P&C**

13

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**2.7 Palm Kernel processing and production operations**

**2.7.1 Number of palm kernel crushers and/or palm kernel mills operated**

9

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**2.7.2 Number of palm kernel crushers and/or palm kernel mills certified under RSPO Supply Chain Certification (SCC)**

9

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### 3. Palm Oil and Certified Palm Oil Production

*Information in Section 3 - Palm Oil and Certified Palm Oil Production - is a mandatory declaration in your ACOP. This includes volume, to enable the RSPO to accurately calculate production uptake on a member, sector and total level. ACOP reports without reported volume data will be considered incomplete and will not be accepted.*

#### 3.1 Total Crude Palm Oil produced (tonnes)

Countries/Regions	Tonnes
Malaysia	0.0
Indonesia	700062.0
Latin America	0.0
Africa	0.0
Rest of the World	0.0
Total	700062.0

#### 3.2 CSPO sold as RSPO certified

Description	Tonnes
Identity Preserved (IP)	32065.0
Segregated (SG)	53730.0
Mass Balance (MB)	20150.0
RSPO Credits	0.0
Total	105945.0

#### 3.5 Total CSPO sold

Description	Tonnes
3.2 CSPO sold as RSPO-certified	105945.0
3.3 CSPO sold under other certification schemes	456717.0
3.4 CSPO sold as conventional	0.0
Total	562662.0

**3.6 According to the volume information you have provided in this questionnaire, CSPO represents the following percentage of your total CPO production**

80.37%

3.7 Based on total CSPO volumes sold (Question G.3.6) , please estimate the percentage of the volumes originating from your operations in the following regions/countries

<b>Countries/Regions</b>	<b>Percentage</b>
Malaysia	0.0
Indonesia	100.0
Latin America	0.0
Africa	0.0
Rest of the World	0.0

**3.8 Total Crude Palm Kernel produced (tonnes)**

<b>Countries/Regions</b>	<b>Tonnes</b>
Malaysia	0.0
Indonesia	173204.0
Latin America	0.0
Africa	0.0
Rest of the World	0.0
<b>Total</b>	<b>173204.0</b>

**3.9 CSPK sold as RSPO certified**

<b>Description</b>	<b>Tonnes</b>
Identity Preserved (IP)	132824.0
Segregated (SG)	0.0
Mass Balance (MB)	6870.0
<b>Total</b>	<b>139694.0</b>

**3.12 Total CSPK sold**

<b>Description</b>	<b>Tonnes</b>
3.9 CSPK sold as RSPO-certified	139694.0
3.10 CSPK sold under other certification schemes	0.0
3.11 CSPK sold as conventional	0.0
<b>Total</b>	<b>139694.0</b>

**3.13 According to the volume information you have provided in this questionnaire, CSPK represents the following percentage of your total CPK production**

80.65%

3.14 Based on the CSPK sold volumes (Question G.3.12), please estimate the percentage of volumes originating from your operations in the following regions/countries:

<b>Countries/Regions</b>	<b>Tonnes</b>
Malaysia	0.0
Indonesia	100.0
Latin America	0.0
Africa	0.0
Rest of the World	0.0

#### 4. TimeBound Plan

**4.1 Which year did your company achieve (or plans to achieve) its first RSPO P&C certification?**

2009

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**4.2 Which year did your company achieve (or plans to achieve) 100% RSPO certification for all its estates and mills?**

2022

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**4.2.1 If the previous target year for G.4.2 has not been met, please explain why**

Musim Mas has first achieved 100% RSPO certification for all the mills with own plantation in 2012. New mills with own plantation are built / acquired since then, and we are committed to achieve 100% RSPO certification for these mills and plantations by 2022. Timebound plan will be reviewed again from time to time to take into acquisition of new estates/mills

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**4.3 Which year did your company achieve (or plans to achieve) 100% RSPO certification of scheme smallholders?**

2023

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**4.3.1 If the previous target year for G.4.3 has not been met, please explain why**

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**4.4 Which year did your company achieve (or plans to achieve) 100% RSPO certification for all FFB, regardless of source?**

2029

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**4.4.1 If the previous target year for G.4.4 has not been met, please explain why**

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## 5. Concession Map

**5.1 The RSPO General Assembly Resolution 6G (2013) calls for all members with Grower operations to submit maps of their concessions through ACOP. Has your company submitted concession maps to the RSPO in previous ACOP cycles?**

Yes \_\_\_\_\_

**5.2 Has your company acquired any new concession sites or have any concession sites changed ownership since the previous ACOP map submission?**

No \_\_\_\_\_

## 6. GHG Footprint

**6.1 What is the average GHG footprint for all certified management units by hectare (tCO<sub>2</sub>e/ha)?**

18.38

**6.2 What is the average GHG footprint for all certified management units per tonne of crude palm oil (tCO<sub>2</sub>e/tCPO)?**

3.16

**6.3 What are the key emission sources identified by your company in certified management units?**

- Land use change
- Existing cultivation peatland
- Palm oil mill effluent (POME)
- Fertiliser application
- Others

Others

Peat, land use change and N<sub>2</sub>O

**6.4 Does your company have a baseline for GHG reporting?**

Yes

**6.4.1 What is the target baseline?**

2006.0

**6.5 Does your company have an annual GHG emissions reduction/minimising target?**

Yes

**6.5.1 What is your company's annual GHG emissions reduction/minimising target?**

55.0

**6.5.2 What measures are currently being taken to reduce GHG emissions?**

- Methane capture projects
- Yield improvement
- Peat water management
- Expansion in low carbon stock area

## 7. Support for Oil Palm Smallholders

### 7.1 How is your company supporting Independent Smallholder groups?

- Sourcing of physical FFB
- Financial support
- Operations support
- Training support
- Community development
- Not supporting Independent Smallholder groups
- Others

#### Others

Since 2015, we have collaborated with International Finance Corporation (IFC), a member of the World Bank, to engage smallholders around four of our mills. These mills were chosen as they source largely from independent smallholders. Together, IFC and Musim Mas kickstarted the Indonesian Palm Oil Development for Smallholders programme to integrate smallholders into sustainable palm oil supply chains. The programme has four main pillars:

1. Good Agricultural Practices (GAP): Musim Mas shares their GAP applied on their own plantations to smallholders. This includes practices on fertilizing, pruning, and harvesting better to increase yield and the quality of FFB.

2. Replanting Support: Musim Mas helps to increase financial access for smallholders who require additional income during the replanting period. This includes exploring alternative livelihoods or streams of income, financial literacy, and linking them to the government subsidies and banks

3. Market Access: Musim Mas helps to increase market access of the smallholders to mills by grouping them and empowering them to undergo sustainable certification, such as RSPO. As quality/authentic fertilizer is challenging for smallholders to purchase, Musim Mas also offers assistance with their access to fertilizer.

4. Land legitimacy: Confirm legality of smallholders' land titles. The Indonesian Palm Oil Development for Smallholders programme is the largest palm oil smallholder programme in Indonesia, having engaged over 30,000 independent smallholders across North Sumatra and Riau.

We have expanded this model of engagement with independent smallholders and applied it to four of our other own mills and two third-party mills. Additionally, we have engaged Rainforest Alliance to implement an independent smallholder programme in South Sumatra (Musi Banyuasin), with the same goal of integrating smallholders into sustainable palm oil supply chains. The project involves 525 smallholder since 2016. Building on our experience, we have developed a "Smallholder Hub" approach, where we train local governmental village agricultural officers (penyuluh) in a district to train their smallholders. In 2020, we established a Smallholders Hub as part of a landscape project with IDH in Aceh Tamiang. We have trained 44 governmental agricultural officers and trained 16 farmer leaders in Aceh Tamiang. In 2021, we established our second Smallholders Hub in a collaboration with General Mills.

**7.1.1 Please provide the names and locations of the oil palm Independent Smallholder groups that you are currently supporting. This question is not mandatory, and is left to the discretion of the RSPO member to answer.**

<https://www.musimmas.com/sustainability/smallholders/>

## 8. Actions For Next Reporting Period

### 8.1 Outline activities that your company will undertake in the coming year to advance its certification efforts.

Our approach to advancing our certification efforts is influenced by the profile of our supply base, which includes (A) Our own supply, (B) Third-party supplier groups and (C) Smallholders. The roadmap here outlines our strategy towards a responsible supply base:  
<https://www.musimmas.com/sustainability/ndpe-roadmap/>

We are also actively exploring collaborations with external parties to scale up the impact of our certification efforts, especially on a landscape level and via our Smallholders Hub approach.

### 8.2 Outline activities that your company will undertake in the coming year to promote the uptake CSPO along the supply chain.

Musim Mas will continue actively promoting the RSPO as a credible pathway to demonstrating responsible sourcing. On the production side, we will continue to support growers, including smallholders, adopting sustainable practices and achieve RSPO certification. We remain acutely aware of the limitations of voluntary schemes such as the RSPO, but are confident in the value of certification. On the demand side, we work with non-profit groups such as WWF China, PM Haze in Singapore and FONAP in Europe to raise the awareness for uptake.

## Processors & Traders

### 1. Operational Profile

#### 1.1 Please state your company's main activity within the palm oil supply chain.

- Refiner of CPO and PKO
- Palm Kernel Crusher
- Trader with Physical Possession
- Trader without Physical Possession
- Integrated Refiner-Trader-Processor
- Intermediate Products Producer
- Power, Energy and Biofuel Processor
- Animal Feed Producer
- Oleochemicals Producer
- Distribution & Logistics
- Other

Other

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## 2. Palm Oil and Certified Sustainable Palm Oil Consumption

*Information in Section 2.0 - Palm Oil and Certified Sustainable Palm Oil Sourcing is a mandatory declaration in your ACOP. This includes volume data on palm oil, palm kernel oil and related products consumed of individual members, sectors and RSPO members as a whole. ACOP reports without reported volume data will be considered as incomplete and will not be accepted. Incomplete ACOP reports may lead to suspension or termination of RSPO membership.*

**2.1 Please include details of all certified and uncertified operations using palm oil, palm kernel oil and related products, owned and/or managed by the member and/or all entities that belong to the group.**

Operations as listed in MMH RSPO membership page \_\_\_\_\_

**2.1.1 In which markets do you sell goods with palm oil and palm oil -related products?**

Europe, North America, China, India, Malaysia, Indonesia, Africa, Latin America, Rest of the World \_\_\_\_\_

**DL.2.0 In order to facilitate ease of reporting and transparency, RSPO members operating within the palm oil demand supply chain can now choose to report palm oil and palm oil product volumes on:**

an aggregate level (as in previous ACOP reporting cycles) \_\_\_\_\_

**2.2 Volumes of uncertified and certified palm oil, palm kernel oil and related product sourced in the year**

<b>Description</b>	<b>Tonnes</b>
Crude palm oil, including derivatives refined from CPO (tonnes)	8952400.0
Crude palm kernel oil, including derivatives refined from CPKO (tonnes)	1414203.0
Crude palm kernel expeller (tonnes)	8189.0
<b>Total</b>	<b>10374792</b>

**2.3 Volume of RSPO-certified palm oil, palm kernel oil and related products sourced in the year (tonnes):**

<b>Description</b>	<b>Crude Palm Oil (CSPO) and CSPO Derivatives</b>	<b>Crude Palm Kernel Oil (CSPKO) and CSPKO Derivatives</b>	<b>Palm Kernel Expeller (CSPKE)</b>
RSPO Credits from Mill / Crusher	0.0	0.0	0.0
RSPO Credits from Independent Smallholder	0.0	0.0	0.0
Mass Balance (MB)	686473.0	137601.0	0.0
Segregated (SG)	152270.0	12429.0	0.0
Identity Preserved (IP)	148441.0	15174.0	0.0
<b>Total</b>	<b>987184.0</b>	<b>165204.0</b>	<b>0.0</b>

2.4 According to the volume information you have provided in Question PT.2.2 and Question PT.2.3, your company's certified palm oil, palm kernel oil and related products uptake is:

11.11%

2.4.1 Please provide additional information on your certified palm oil, palm kernel oil and related products uptake calculated in PT.2.4. This may include changes due to business environment, evolving nature of operations or variations due to stock positions

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2.5 What is the estimated percentage of Certified Sustainable Palm Oil in the palm oil, palm kernel oil and related products sold, traded or processed by your company in the following regions:

Countries/Regions	Percentage
Europe	13.0
North America	53.0
Malaysia	7.0
Indonesia	8.0
China	3.0
India	2.0
Latin America	10.0
Africa	0.0
Rest of World	4.0

**3. TimeBound Plan****3.1 Which year did your company achieve/obtain (or expects to achieve/obtain) the RSPO supply chain certification or RSPO trader/distributor licence?**

2009

**3.2 Which year did your company start (or expect to start) to source any RSPO-certified palm oil and oil palm products?**

2009

**3.2.1 If the previous target year has not been met, please explain why.**

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**3.3 Which year did your company achieve (or expects to achieve) 100% RSPO certification of all palm product processing facilities.**

2020

**3.3.1 If the previous target year has not been met, please explain why.**

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**3.4 Year expected to only source 100% RSPO-certified palm oil and oil palm products.**

2030

**3.4.1 If target has not been met, please explain why.**

Musim Mas has met its targets of certifying its facilities 1 year earlier than originally planned. Sourcing 100% RSPO-certified will remain a goal as long as certified production remains lower than the capacity of the RSPO P&T members, and as long as the demand potential remains lower than both the certified production and the certified P&T capacity. The organisation is committed to the RSPO ambition of certified palm oil becoming the market norm and will reflect again on its time bound plan on how to deliver on this commitment. The organisation has made significant progress in making sustainable palm oil available to the market place and also extended its sustainability commitments to its third party supply chain whereby the objective is to engage more parties in the sustainable palm oil production and to make it the norm.

**3.5 If the TimeBound Plan commitments declared above do not cover all countries in which the member operates, please explain why**

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#### 4. Actions For Next Reporting Period

##### 4.1 Please outline activities that your company will take in the coming year to promote the production or consumption of certified sustainable palm oil (CSPO)

Musim Mas will continue actively promoting the RSPO as a credible pathway to demonstrating responsible sourcing. On the production side, we will continue to support growers, including smallholders, adopting sustainable practices and achieve RSPO certification. We remain acutely aware of the limitations of voluntary schemes such as the RSPO, but are confident in the value of certification.

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## Shared Responsibility

*The Board of Governors of the Roundtable on Sustainable Palm Oil approved new Shared Responsibility rules on 31 October 2019, requiring all members to share sustainability requirements and obligations. Reporting of Shared Responsibility indicators will be done through several channels, including ACOP. As the implementation of Shared Responsibility reporting is still on-going and in development, the Shared Responsibility section in ACOP is not yet final and may change in future ACOP cycles. For more information on Shared Responsibility, please go to <https://rspo.org/news-and-events/news/what-are-the-new-shared-responsibility-rules> or email the ACOP team at [acop@rspo.org](mailto:acop@rspo.org)*

### Labour & Labour Rights

**1.1 Does your company have a publicly-available policy covering Labour & Labour Rights?**

Yes

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**1.1.1 Does the policy cover:**

- No discrimination
- Wage and working conditions
- Freedom of association
- No child labour
- No harassment
- No forced or trafficked labour

### Ethical Conduct & Human Rights

**1.2 Does your company have a publicly-available Policy covering Ethical Conduct & Human Rights?**

Yes

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**1.2.1 Does the policy cover:**

- Recruitment
- Contractors
- Sub-Contractors & Third-Party Contractors

### Land Use

**1.3 Does your company have a publicly-available Policy covering Land Use?**

Yes

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**1.3.1 Does the policy cover:**

- Free Prior and Informed Consent (FPIC)
- Compensation

### Occupational Health & Safety

**1.4 Does your company have a publicly-available Policy covering Occupational Health & Safety?**

Yes

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**Climate Change & Greenhouse Gas (GHG)**

**1.5 Does your company have a publicly-available policy covering Climate Change & Greenhouse Gas (GHG)?**

Yes \_\_\_\_\_

**1.5.1 Does the policy cover:**

- Identification and assessment of GHG
- Monitored implementation plan to reduce or minimise GHG emissions

**Complaints & Grievances**

**1.6 Does your company have a Complaints & Grievances Mechanism?**

Yes \_\_\_\_\_

**1.6.1 Is your Complaints & Grievance mechanism in line with the principles of the RSPO's grievance mechanism, which are the elements of fairness, transparency, and impartiality?**

Yes \_\_\_\_\_

**Smallholders**

**1.7 Does your company support oil palm independent smallholder groups?**

Yes \_\_\_\_\_

**1.7.1 Does this support cover:**

- Fair and transparent dealings with Smallholders
- Improved Smallholder livelihoods

### 1.7.2 How is your company supporting them?

Since 2015, we have collaborated with International Finance Corporation (IFC), a member of the World Bank, to engage smallholders around four of our mills. These mills were chosen as they source largely from independent smallholders. Together, IFC and Musim Mas kickstarted the Indonesian Palm Oil Development for Smallholders programme to integrate smallholders into sustainable palm oil supply chains. The programme has four main pillars:

1. Good Agricultural Practices (GAP): Musim Mas shares their GAP applied on their own plantations to smallholders. This includes practices on fertilizing, pruning, and harvesting better to increase yield and the quality of FFB.

2. Replanting Support: Musim Mas helps to increase financial access for smallholders who require additional income during the replanting period. This includes exploring alternative livelihoods or streams of income, financial literacy, and linking them to the government subsidies and banks

3. Market Access: Musim Mas helps to increase market access of the smallholders to mills by grouping them and empowering them to undergo sustainable certification, such as RSPO. As quality/authentic fertilizer is challenging for smallholders to purchase, Musim Mas also assists with their access to fertilizer.

4. Land legitimacy: Confirm legality of smallholders' land titles The Indonesian Palm Oil Development for Smallholders programme is the largest palm oil smallholder programme in Indonesia, having engaged over 30,000 independent smallholders across North Sumatra and Riau.

Until now we have expanded this model of engagement with independent smallholders and applied it to six of our other own mills and two third-party mills. Additionally, we have engaged Rainforest Alliance to implement an independent smallholder programme in South Sumatra (Musi Banyuasin), with the same goal of integrating smallholders into sustainable palm oil supply chains. The project involved 525 smallholder since 2016. Building on our experience, we have developed a "Smallholder Hub" approach, where we train local governmental agricultural officers in a district to train their smallholders. In 2020, we established a Smallholders Hub as part of a landscape project with IDH in Aceh Tamiang. We have trained 44 governmental village agricultural officers (penyuluh) and trained 16 farmer leaders in Aceh Tamiang. In 2021, we established our second Smallholders Hub in a collaboration with General Mills.

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**Sustainable Palm Oil Policy**

**1.8 Does your company have a publicly-available Policy covering the implementation of RSPO Shared Responsibility principles?**

No

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**Waste Management**

**1.9 Does your company have a waste management plan?**

Yes

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**Water Management**

**1.10 Does your company have a water management plan?**

Yes

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**Energy Use**

**1.11 Does your company have an energy use plan covering fossil fuels and renewable energy?**

Yes

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**RSPO Services and Support**

**1.12 Does your company provide services and support to the RSPO, eg. participation in RSPO Working Groups and Task Forces**

Yes

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**Shared Responsibility Resourcing**

**1.13 Does your company have a plan to commit resources to ensure effective implementation of RSPO Shared Responsibility principles?**

Yes

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## Challenges and Support

**1.1 What significant obstacles or challenges has your company encountered in the promotion of certified sustainable palm oil (CSPO)? What efforts has your company taken to address these obstacles or challenges?**

- Awareness of RSPO in the market
- Difficulties in the certification process
- Certification of smallholders
- Competition with non-RSPO members
- High costs in achieving or adhering to certification
- Human rights issues
- Insufficient demand for RSPO-certified palm oil
- Low usage of palm oil
- Reputation of palm oil in the market
- Reputation of RSPO in the market
- Supply issues
- Traceability issues
- No challenges faced
- Others

Others

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**1.2 In addition to the actions already reported in this ACOP report, what other ways has your company supported the vision of the RSPO to transform markets to make sustainable palm oil the norm?**

- Engagement with business partners or consumers on the use of CSPO
- Engagement with government agencies
- Promotion of CSPO outside of RSPO venues such as trade workshops or industry associations
- Promotion of physical CSPO
- Providing funding or support for CSPO development efforts
- Research & Development support
- Stakeholder engagement
- No actions taken
- Others

Others

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**1.3 If your company has any other publicly-available reports or information regarding its palm oil-related policies and activities, please provide the links here**

<https://www.musimmas.com/wp-content/uploads/2020/11/Musim-Mas-SR-2019.pdf>