

## RSPO PRINCIPLE AND CRITERIA PUBLIC SUMMARY REPORT

☐ Initial Assessment
 ☐ Annual Surveillance Assessment (Choose an item.)
 ☐ Recertification Assessment (RA 1)
 ☐ Extension of Scope

### Client Company Name / Parent Company: Langsuan Oil Palm Smallholders Community Enterprise

Client Company / Parent Company Address:
32 Moo 11, Napaya Sub-District, Langsuan District, Chumphon Province 86110
Thailand

Certification Unit:

**Langsuan Oil Palm Smallholders Community Enterprise** 

Location of Certification Unit:

32 Moo 11, Napaya Sub-District, Langsuan District, Chumphon Province 86110
Thailand

Date of Final Report: 23/10/2024



Section 1: Scope of the Assessment       3         1. Company Details       3         2. Certification Information       3         3. Other Certifications       4         4. Location(s) of Mill & Supply Bases       4         5. Description of Supply Base       4         6. Plantings & Cycle       4         7. Summary of Certified Tonnage of FFB (Own Certified Scope)       5         8. Summary of Certified Tonnage of FFB (from other certified unit(s))       5         9. Summary of Non-Certified Tonnage of FFB (outside supplier – excluded from certificate)       5         10. Summary of Certified Tonnage (not applicable for ISS)       6         11. Summary of Actual Volume sold       7         12. Independent Smallholders Certified Tonnage / Volume       8         13. Independent Smallholders Actual Sold Tonnage / Volume       9         Section 2: Assessment Process       11         2.1 Assessment Perocess       11         2.2 BSI Assessment Team       12         2.3 Assessment Fladings       20         3.1 Multiple Management Units and Time Bound Plan       20         3.2 Progress of scheme smallholders and/or outgrowers       22         3.3.1 Status of Nonconformities Previously Identified and Observations       25         3.3.2 Summary of the Nonconformities	TABLE of CONTEN	ITS	Page No
2.       Certification Information       3         3.       Other Certifications       4         4.       Location(s) of Mill & Supply Bases       4         5.       Description of Supply Base       4         6.       Plantings & Cycle       4         7.       Summary of Certified Tonnage of FFB (Own Certified Scope)       5         8.       Summary of Certified Tonnage of FFB (from other certified unit(s))       5         9.       Summary of Non-Certified Tonnage of FFB (outside supplier – excluded from certificate)       5         10.       Summary of Certified Tonnage (not applicable for ISS)       6         11.       Summary of Actual Volume sold       7         12.       Independent Smallholders Certified Tonnage / Volume       8         13.       Independent Smallholders Actual Sold Tonnage / Volume       9         Section 2: Assessment Process       11         2.1       Assessment Methodology, Programme, Site Visits       11         2.2       BSI Assessment Team       12         2.3       Assessment Findings       20         3.1       Multiple Management Units and Time Bound Plan       20         3.2       Progress of scheme smallholders and/or outgrowers       22         3.3       Details of Nonc	Section 1: S	cope of the Assessment	3
3.       Other Certifications	1.	Company Details	3
4.       Location(s) of Mill & Supply Bases       4         5.       Description of Supply Base       4         6.       Plantings & Cycle       4         7.       Summary of Certified Tonnage of FFB (Own Certified Scope)       5         8.       Summary of Certified Tonnage of FFB (from other certified unit(s))       5         9.       Summary of Non-Certified Tonnage of FFB (outside supplier – excluded from certificate)       5         10.       Summary of Certified Tonnage (not applicable for ISS)       6         11.       Summary of Actual Volume sold       7         12.       Independent Smallholders Certified Tonnage / Volume       8         13.       Independent Smallholders Actual Sold Tonnage / Volume       9         Section 2: Assessment Process       11         2.1       Assessment Methodology, Programme, Site Visits       11         2.2       BSI Assessment Team       12         2.3       Assessment Findings       20         3.1       Multiple Management Units and Time Bound Plan       20         3.2       Progress of scheme smallholders and/or outgrowers       22         3.3.1       Status of Nonconformities Previously Identified and Observations       25         3.3.2       Summary of the Nonconformities and Status       28<	2.	Certification Information	3
5. Description of Supply Base	3.	Other Certifications	4
6. Plantings & Cycle	4.	Location(s) of Mill & Supply Bases	4
7. Summary of Certified Tonnage of FFB (Own Certified Scope)	5.	Description of Supply Base	4
8. Summary of Certified Tonnage of FFB (from other certified unit(s))	6.	Plantings & Cycle	4
9. Summary of Non-Certified Tonnage of FFB (outside supplier – excluded from certificate)	7.	Summary of Certified Tonnage of FFB (Own Certified Scope)	5
10.Summary of Certified Tonnage (not applicable for ISS)611.Summary of Actual Volume sold712.Independent Smallholders Certified Tonnage / Volume813.Independent Smallholders Actual Sold Tonnage / Volume9Section 2: Assessment Process112.1Assessment Methodology, Programme, Site Visits112.2BSI Assessment Team122.3Assessment Findings16Section 3: Assessment Findings203.1Multiple Management Units and Time Bound Plan203.2Progress of scheme smallholders and/or outgrowers223.3Details of Nonconformities243.3.1Status of Nonconformities Previously Identified and Observations253.3.2Summary of the Nonconformities and Status283.4Stakeholders and previous land owner / user consultation283.5Impartiality and conflict of interest32Formal Signing-off of Assessment Conclusion and Recommendation33Appendix A: Summary of Findings34Appendix B: GHG Reporting Executive Summary99Appendix C: Location Map of Certification Unit and Supply bases101	8.	Summary of Certified Tonnage of FFB (from other certified unit(s))	5
11.       Summary of Actual Volume sold       7         12.       Independent Smallholders Certified Tonnage / Volume       8         13.       Independent Smallholders Actual Sold Tonnage / Volume       9         Section 2: Assessment Process       11         2.1       Assessment Methodology, Programme, Site Visits       11         2.2       BSI Assessment Team       12         2.3       Assessment Findings       16         Section 3: Assessment Findings       20         3.1       Multiple Management Units and Time Bound Plan       20         3.2       Progress of scheme smallholders and/or outgrowers       22         3.3       Details of Nonconformities       24         3.3.1       Status of Nonconformities Previously Identified and Observations       25         3.3.2       Summary of the Nonconformities and Status       28         3.4       Stakeholders and previous land owner / user consultation       28         3.5       Impartiality and conflict of interest       32         Formal Signing-off of Assessment Conclusion and Recommendation       33         Appendix A: Summary of Findings       34         Appendix B: GHG Reporting Executive Summary       99         Appendix C: Location Map of Certification Unit and Supply bases       101<	9.	Summary of Non-Certified Tonnage of FFB (outside supplier – excluded from certified Tonnage of FFB)	ificate)5
12. Independent Smallholders Certified Tonnage / Volume	10.	Summary of Certified Tonnage (not applicable for ISS)	6
13. Independent Smallholders Actual Sold Tonnage / Volume	11.	,	
Section 2: Assessment Process	12.	Independent Smallholders Certified Tonnage / Volume	8
2.1 Assessment Methodology, Programme, Site Visits	13.	Independent Smallholders Actual Sold Tonnage / Volume	9
2.2 BSI Assessment Team	Section 2: A	ssessment Process	11
2.3 Assessment Plan	2.1	Assessment Methodology, Programme, Site Visits	11
Section 3: Assessment Findings	2.2	BSI Assessment Team	12
3.1 Multiple Management Units and Time Bound Plan	2.3	Assessment Plan	16
3.2 Progress of scheme smallholders and/or outgrowers	Section 3: A	ssessment Findings	20
3.3 Details of Nonconformities	3.1	Multiple Management Units and Time Bound Plan	20
3.3.1 Status of Nonconformities Previously Identified and Observations	3.2	Progress of scheme smallholders and/or outgrowers	22
3.3.2 Summary of the Nonconformities and Status	3.3	Details of Nonconformities	24
3.4 Stakeholders and previous land owner / user consultation	3.3.1	Status of Nonconformities Previously Identified and Observations	25
3.5 Impartiality and conflict of interest	3.3.2	Summary of the Nonconformities and Status	28
Formal Signing-off of Assessment Conclusion and Recommendation	3.4	Stakeholders and previous land owner / user consultation	28
Appendix A: Summary of Findings	3.5	Impartiality and conflict of interest	32
Appendix B: GHG Reporting Executive Summary	Formal Signi	ing-off of Assessment Conclusion and Recommendation	33
Appendix C: Location Map of Certification Unit and Supply bases101	Appendix A:	Summary of Findings	34
	Appendix B:	GHG Reporting Executive Summary	99
	Appendix C:	Location Map of Certification Unit and Supply bases	101
Appendix D: Estate Field Map102			
Appendix E: List of Smallholder Registered and/or sampled		·	
Appendix F: List of Abbreviations120	• •	·	



### **Section 1: Scope of the Assessment**

1. Company Details					
Parent Company	Langsuan Oil Palm Smallholde	ers Community	Enterprise		
RSPO Membership Number	1-0272-19-000-00	Membership	Approval Date	24 October 2014	
Address	32 Moo 11, Napaya Sub-District, Langsuan District, Chumphon Province 86110 Thailand				
Palm Oil Mill / Group Manager / Estate (Certification Unit)	Langsuan Oil Palm Smallholders Community Enterprise				
Location / Address	32 Moo 11, Napaya Sub-Distr Thailand	ict, Langsuan I	District, Chumphon	Province 86110	
Website	NA				
Management Representative	Ms. Pailin Konpech /Group Manager E-mail Langsuanoilpalm@gmail.com				
Telephone	Tel: +66 095 460 3551	Facsimile	None		

2. Certification Informat	Certification Information				
Certificate Number	RSPO 789213	Certificate Start Date	05/11/2024		
Date of First Certification	05/11/2019	Certificate Expiry Date	04/11/2029		
Scope of Certification	Production of Sustainable Oil	Palm Fresh Fruit Bunches of Ir	ndependent Smallholders		
Visit Objectives	<ul> <li>Determination of the conformity of the client's management system, or parts of it, with audit criteria.</li> <li>Evaluation of the ability of the management system to ensure the client organization meets applicable statutory, regulatory and contractual requirements.</li> </ul>				
Assessment Cycle	☐ Initial Assessment ☐ Annual Surveillance Assess	<ul> <li>□ Annual Surveillance Assessment (ASA Choose an item.)</li> <li>☑ Recertification Assessment (RA 1)</li> </ul>			
Applicable Standards / Normative Reference	RSPO Certification System for P&C and RSPO ISH 2020  ⊠ Independent Smallholder Standard 2019				
Supply Chain Module	☑ Identity Preserved; ☐ Mass Balance				
ISH certification Phase	□ Eligibility □ Milestone A ⋈ Milestone B □ Not Applicable				
Is this a remote audit or on-site audit	☑ On-site audit (Option AI)				



3. Other Certifications					
Certificate Number	Standard(s)	Certificate Issued by	Expiry Date		

4. Location(s) of Mill & Supply Bases					
Name	Location	GPS Coord	dinates		
(Mill / Supply Base / Group Manager / Smallholders)		Latitude	Longitude		
Langsuan Oil Palm Smallholders Community Enterprise	32 Moo 11, Napaya Sub-District, Langsuan District, Chumphon Province 86110 Thailand	9°54'19.67 N	99° 4'58.24 E		

5. Description of Supply Base						
New Planting Development	⊠ No		□ Yes			
Estate / Smallholders	Total Planted (Mature + Immature) (ha)	HCV (ha)	Infrastructure & Other (ha)	Total Area (ha)	% of Planted	
Langsuan Oil Palm Smallholders Community Enterprise	461.99	0.00	22.56	484.55	95.34	
Total	461.99	0.00	22.56	484.55	95.34	

#### Note:

- Previous Certificate: 124 Members with Oil Palm Planted area of 478.86 HA
- This Re-certification audit: 9 members resigned with oil palm planted area of 29.01 HA, and 5 members were cancel/reduce area to proceed for certification with oil palm planted area of 5.95 HA
  - 3 new members with oil palm planted area of 11.35 HA
  - 4 Existing member additional plot with oil palm planted area of 6.74 HA

6. Plantings & Cycle						
Estate / Smallholders Age (Years) - ha				Mature	Immature	
	0 - 3	4 - 14	15 - 25	>25		
Langsuan Oil Palm Smallholders Community Enterprise	10.10	132.53	234.62	84.74	451.89	10.10
Total (ha)	10.10	132.53	234.62	84.74	451.89	10.10



Note: Only Mature area is considered as production area

7. Summary of Certified Tonnage of FFB (Own Certified Scope)					
Estate /		Tonnage (	(MT) / year		
Smallholders	Estimated last year (05 Jan 2024 to 04		Actual (01 Sep 2023 to 31 July 2024)		
	Nov 2024)	Previous license period ((01 Sep 2023 to 4 Nov 2023) Extension time to 04 Jan 2024)	1 Sep 2023 to 4 Nov 3) Extension time to Current license period (01 Sep 2023 to 31 July	Nov 2025)	
Langsuan Oil Palm Smallholders Community Enterprise	9,295.94	2051.23	6,671.06	8,970.10	
Total	9,295.94	8,72	2.29	8,970.10	

#### Note:

- RAV1 on 26-28 Aug 2024; Data from on 1 Sep 2023 to 31 Jul 2024
- Previous license :Accumulate remain from previous audit total =885.94 MT) and actual (period 01 Sep 2023 to 4 Nov 2023 Extension time to 04 Jan 2024) =2051.23 MT
- **Forecast,** based on database of Y2023 as 19.85 MT FFB/ha (3.18 MT FFB/rai)

8. Summary of Certified Tonnage of FFB (from other certified unit(s))						
Estate /	Tonnage (MT) / year					
Smallholders	Estimated last year (key in period)	Actual Forecast (key in period)				
		Previous license period (key in period covered)	Current license period (key in period covered)			
N/A		N/A	N/A			
Total N/A						
Note: This table is not applicable for ISH. Fill up details in table 12, 12A, 13 and 13A.						

9. Summary of Non-Certified Tonnage of FFB (outside supplier – excluded from certificate)						
Out growers /	Tonnage (MT) / year					
smallholders	Estimated last year (key in period)	Act (key in	Forecast (key in period)			
		Previous license period (key in period covered)	Current license period (key in period covered)			
N/A	N/A	N/A	N/A	N/A		



Total	N/A	N/A	N/A	
Note: This table is not applicable for ISH. Fill up details in table 12, 12A, 13 and 13A.				

9A. Monthly Records of Certified and Uncertified FFB Received since the last audit						
No.	No. Month - Year Volume of FFB from certified supply base (mt) Volume of FFB from uncertified supply base (mt)					
N/A	N/A	N/A	N/A	N/A		
	TOTAL N/A N/A N/A					
Note	Note: This table is not applicable for ISH.					

Estimated last year (key in period)				ctual n period)	Forecast (key in period)		
			cense period iod covered)	Current license period (key in period covered)			
FFB		FFB			FFB		
N/A		N/A	N/A N/A		N/A		
		TOTAL	TOTAL N/A				
CPO (OER:	%)	CPO (OER:	%)		CPO (OER:	%)	
N/A		N/A	N/A		N/A		
		TOTAL	N/A				
PK (KER:	%)	PK (KER:	%)		PK (KER:	%)	
N/A		N/A		N/A	N/A		
		TOTAL	TOTAL N/A				

10A. Monthly Records of Certified CPO & PK since the last audit									
No.	No. Month - Year Certified CPO (MT) Certified PK (MT)								
N/A	N/A	N/A	N/A						
	TOTAL N/A N/A								
Note	Note: This table is not applicable for ISH. Fill up details in table 12, 12A, 13 and 13A.								



11. Summa	11. Summary of Actual Volume sold									
<b>Current Licer</b>	Current License period (key in period)									
	DCDO Contified	Other Scher	nes Certified	Conventional	Tatal					
	RSPO Certified	ISCC	Others	Conventional	Total					
CPO (MT)	N/A	N/A	N/A	N/A	N/A					
PK (MT)	N/A	N/A	N/A	N/A	N/A					
Credits	N/A	N/A	N/A	N/A	N/A					
Previous Lice	ense period (key in peri	od)								
CPO (MT)	N/A	N/A	N/A	N/A	N/A					
PK (MT)	N/A	N/A	N/A	N/A	N/A					
Credits	N/A	N/A	N/A	N/A	N/A					
Note: This table	is not applicable for ISH. Fill	up details in table 12	2, 12A, 13 and 13A.	·						

11A. Re	11A. Records of Certified CPO & PK Sold under PalmTrace since the last audit (if any)									
No. Buyers Name PalmTrace Trading Certified CPO Sold (MT) Certified PK Sold (MT)										
N/A	N/A	N/A	N/A	N/A						
	TOTAL N/A N/A									
Note: 7/	Note: This table is not applicable for ISH. Fill up details in table 12, 12A, 13 and 13A.									

11B. Records of certified CPO & PK Sold under other schemes since the last audit (if any)									
No.	No. Buyers Name Scheme Name Certified CPO Sold (MT) Certified PK Sold (MT)								
N/A	N/A	N/A	N/A	N/A					
TOTAL N/A N/A									
Note: Thi	is table is not applicable for ISH. Fill u	p details in table 12, 12A, 13	and 13A.						

11C. Records of CPO & PK Sold as conventional since the last audit (if any)								
No. Buyers Name CPO Sold PK Sold (MT) (MT)								
N/A	N/A	N/A	N/A					
TOTAL N/A N/A								
Note: Thi	Note: This table is not applicable for ISH. Fill up details in table 12, 12A, 13 and 13A.							



11D. Re	11D. Records of Certified CPO Sold under RSPO Credits since the last audit (if any)							
No. Buyers Name PalmTrace Trading RSPO Credits of Certified License Number CPO Sold								
N/A	N/A	N/A	N/A					
	TOTAL N/A							
Note: Thi	Note: This table is not applicable for ISH. Fill up details in table 12, 12A, 13 and 13A.							

12. Inde	12. Independent Smallholders Certified Tonnage (MT) / Volume										
	Estimated last year (05 Jan 2024 to 04 Nov 202 Extension time to 04 Jan 2024)			<b>(</b> 01 Sep 2	<b>Actual</b> 2023 to 31	July 2024 )	<b>(</b> 05 Nov	Forecast 2024 to 04 i	Nov 2025 <b>)</b>		
Dhace	Eligibility	MS A	MS B	Eligibility	MS A	MS B	Eligibility	MS A	MS B		
Phase	40%	70%	100%	40%	70%	100%	40%	70%	100%		
FFB			9,295.94			8,722.29			8,970.10		
IS-CSPO	0	0		0	0		0	0			
IS-CSPKO	0	0		0	0		0	0			
IS-CSPKE	0	0		0	0		0	0			
СЅРК	0	0		0	0		0	0			

12A.	Monthly Records of C	Certified CPO, PK	( & PKE (equivale	ent) produced si	nce the last aud	it
No.	Month - Year	FFB (MT)	Certified CPO (MT)	Certified PK (MT)	Certified PKO (MT)	Certified PKE (MT)
1	Sep-23	584.34	116.87	29.22	13.15	16.07
2	Oct-23	480.96	96.19	24.05	10.82	13.23
3	Nov-23	450.81	90.16	22.54	10.14	12.40
4	Dec-23	504.21	100.84	25.21	11.34	13.87
5	1-4 Jan 24	30.91	6.18	1.55	0.70	0.85
6	5-31 jan 24	561.81	112.36	28.09	12.64	15.45
7	Feb-24	462.14	92.43	23.11	10.40	12.71
8	Mar-24	685.90	137.18	34.30	15.43	18.86
9	Apr-24	931.35	186.27	46.57	20.96	25.61
10	May-24	1430.77	286.15	71.54	32.19	39.35
11	Jun-24	1455.31	291.06	72.77	32.74	40.02
12	Jul-24	1143.78	228.76	57.19	25.74	31.45



TOTAL 8,722.29 1,744.46 436.11 196.25 239.86

Note: 1 mt = 1 credit

Note

1.the FFB accumulate remain from previous audit=885.94 MT

2. Total produce =8722.29+885.94=9,608.23 MT

13. Independent Smallholders Actual Sold Tonnage / Volume									
	FFB	FFB Conventional	FFB Other schemes	IS-CSPO	СЅРК	IS-CSPKO	IS-CSPKE		
Current License period (05Jan 2024 to 31 July 2024)									
Credits				56	0	6	0		
Physical	5887.78	0	0						
Previous L	Previous License period (01 Sep 2023 to 4 Nov 2023) Extension time and volume to 04 Jan 2024)								
Credits				200	0	22	0		
Physical	1741.38	0	0						

13A.	Records of Certified	FFB, CPO, PK &	PKE (including	g credits) sol	d since the la	st audit	
No.	Buyers Name	PalmTrace Trading License Number	FFB Sold (MT)	Certified CPO Sold (MT/credit)	Certified PK Sold (MT/credit)	PKO Sold	Certified PKE Sold (MT/credit)
1	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	445.06	0	0	0	0
2	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	404.77	0	0	0	0
3	Seventh Generation, Inc	RSPO_PO10000052 52	0	0	0	11	0
4	SEPPIC SA	RSPO_PO10000016 15	0	94	0	0	0
5	Ecopol SPA	RSPO_PO10000085 32	0	6	0	0	0
6	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	433.38	0	0	0	0
7	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	458.17	0	0	0	0
8	Unilever Asia Private Limited - Buyer	RSPO_1000004587	0	100	0	11	0
9	SC Johnson and Son, Inc	RSPO_1000005506	0	0	0	0	0



	Langsuan FOM	TOTAL	7629.16	256	0	28	0
22	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	467.13	0	0	0	0
21	Seangsiri Agro-Industries Co., Ltd POM	RSPO_PO10000024 11	154.25	0	0	0	0
20	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	329.23	0	0	0	0
19	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	569.78	0	0	0	0
18	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	754.85	0	0	0	0
17	Waitrose Ltd	RSPO_PO10000072 61	0	55	0	0	0
16	Pulmuone Foods USA Inc.	RSPO_PO10000170 43	0	1	0	0	0
15	LOREAL	RSPO_PO10000059 32	0	0	0	6	0
14	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	1,328.55	0	0	0	0
13	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	1,280.32	0	0	0	0
12	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	525.57	0	0	0	0
11	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	379.75	0	0	0	0
10	S.P.O. AGRO- INDUSTRIES CO.,LTD. – Langsuan POM	RSPO_PO10000094 25	98.35	0	0	0	0

#### Note:

Previous license: no. 1-9 sold Physical =1741.38 MT, CSPO= 200 credit, CSPKO =22 credit Current license: no. 10-22, sold Physical =5887.78 MT, CSPO =56 credit CSPKO =6 credit



#### **Section 2: Assessment Process**

#### **Certification Body:**

BSI Services Malaysia Sdn. Bhd. (ASI Accreditation Number: ASI-ACC-067) Suite 29.01 Level 29, The Gardens North Tower, Mid Valley City, Lingkaran Syed Putra, 59200 Kuala Lumpur, Malaysia.
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BSI is a leading global provider of management systems assessment and certification, with more than 92,000 certified locations and clients in over 193 countries. BSI is the UK's National Standards Body. BSI provides independent, third-party certification of management systems. BSI is ASI Accredited (ASI-ACC-067) to conduct RSPO assessment since 31/10/2014 with accredited office located at Kuala Lumpur, Malaysia.

#### 2.1 Assessment Methodology, Programme, Site Visits

The on-site assessment was conducted on **26-28 Aug 2024**. The audit programme is included as Section 2.3. Where applicable, prior to the initial certification and recertification audit, 30 days Public Notification was made through the RSPO and BSI website on https://rspo.org/as-an-organisation/certification/pc-public-announcements/?keywords=Langsuan&country=&assessment-type=#p-c-announcement.

The Critical NC close out on-site assessment was conducted on 8 Oct 2024. The audit programs are included in Section 2.3.

The approach to the audit was to treat the independent smallholders as an RSPO Certification Unit. A range of occupational health and safety, environmental, best practice management, and social factors were covered. This includes consideration of topography, palm age, proximity to areas with HCVs, declared conservation areas, local communities engagement and workers welfare and safety.

The methodology for collection of objective evidence included physical site inspections, observation of tasks and processes, interviews of staff, workers and their families and external stakeholders, review of documentation and monitoring data. Independent Smallholder Standard 2019 was used as the normative reference to assess compliance. The comments made by external stakeholders were also taken into account in the assessment.

The minimum sample size is four estates. Sample size for certification unit with more than four (4) estates were determined based on formula  $N = (\sqrt{y}) \times (z)$  where y is the number of estates and where z is the multiplier defined by risk assessment. While, the sampling of smallholders were based on the formula  $(\sqrt{y}) \times (z)$ ; where y is total number of group member and where z is the multiplier defined by the risk assessment. The sampled smallholder listed in Appendix E.

Meetings were held with stakeholders to seek their views on the performance of the certification unit with respect to the RSPO requirements and aspects where they considered that improvements could be made. At the start of each meeting, the interviewer explained the purpose of the audit followed by an evaluation of the relationship between the stakeholder and the company before discussions proceeded. The interviewer recorded comments made by stakeholders and these have been incorporated into the assessment findings.

Structured worker interviews with male and female workers and staff were held in private at the workplace in the mill and the estates. Fieldworkers were interviewed informally in small groups in the field. In addition, the wives of workers and staff were interviewed in informal group meetings at their housing. Separate visits were made to each



of the local communities to meet with the village head and residents. Company officials were not present at any of the internal or external stakeholder interviews. A list of Stakeholders contacted is included as Section 3.4.

The non-conformities for this audit are detailed in Section 3.3 and unless it is stated in this section, all previous nonconformities including minor nonconformities are remains closed.

This report is structured to provide a summary of assessment finding as provided in Appendix A. The assessment was conducted based on risk based approach sampling and therefore nonconformities may exist.

For Initial, Re-certification and Extension of Scope assessment, the report was externally reviewed by approved external peer reviewer prior to certification decision by BSI.

For Annual surveillance assessment, the report was internally reviewed and approved by BSI qualified certification reviewer.

#### The following table would be used to identify the locations to be audited each year in the 5 year cycle

Assessment Program							
Name (Mill / Supply Base)	Year 1 (Re- Certification)	Year 2 (ASA1-1)	Year 3 Year 4 (ASA1-3)		<b>Year 5</b> (ASA1-4)		
Langsuan Oil Palm Smallholders Community Enterprise	х	х	х	х	х		

Tentative Date of Next Visit: August 25, 2025 - November 11, 2025

**Total Number of Mandays: 12 mandays** 

#### 2.2 BSI Assessment Team

Name	Role	Competency
Ms.Jettana Insuwan	Team leader under supervision by Dr. Chaiyaporn Seekao (Qualifying Reviewer)	Education: Bachelor's degree of Environmental science, Silpakorn University and Bachelor's degree of Occupational health and safety, Sukhothai thummathirat university  Work Experience: She is an oil palm plantation owner and worked at Oil Palm Mill, including Group manager of the independent smallholder (ISH) Smothong Sustainable palm oil Production community enterprise and Sustainable palm oil production (Thachana-Chaiya) community enterprise. Hence, she has more than 5 years' experience working in the palm oil sector and more than 3 years of working experience as RSPO P & C, RISH, and SCC internal auditor before joining with BSI group. Her knowledge in the agriculture sector (oil palm) has been evaluated through interviews and demonstrated by being directly involved in managing oil palm belonging to her family.
		<b>Training attended:</b> Successfully completed the Quality Management System Auditor/Lead Auditor Course ISO9001:2015, ISO14001:2015,ISO 45001:2018, Endorsed RSPO P&C Lead Auditor Course, Refresher course for Endorsed RSPO P&C Lead Auditor, RSPO ISH Training (RISS 2019)



		Language proficiency: Fluent in Thai language and moderate in English.
		Aspect covered in this audit:
		☐ Good Agriculture Practice ☐ Health and Safety ☐ Supply chain requirements
		$\square$ Social $\boxtimes$ Environmental $\square$ Market Communication and claim requirements $\boxtimes$ ISH context (ICS, internal audit, policy, business planning and trading system)
Mrs. Chongrak Takard	Team Member	<b>Education:</b> Bachelor of Science: Plant Protection (Plant Pathology) from Maejo University, Thailand in 1998, and a Master of Arts: Human Resource Development (HRD) from Ramkhamhaeng University, Thailand in 2016.
		<b>Work Experience:</b> More than 10 years of working experience where makes her familiar with local/regional knowledge of local laws, also undergone ISO9001, SA8000, TLS, SMETA, Social Second party audit (social audit), has been working in the agriculture sector for more than 10 years prior to joining BSI group. 5 years working experience as Sustainability Auditor for RSPO P & C, RISH and SCC Scheme.
		<b>Training attended:</b> Successfully completed the Quality Management System Auditor/Lead Auditor Course ISO9001:2015, ISO14001:2015 Lead auditor IRCA 14154 EMS, BS OHSAS 18001:2007 standard, CQI-IRCA Certified: PR356: OHSMS ISO 45001:2018 Lead Auditor Conversion Training Course, Thai Labour Standard TLS Lead auditor TLS 8001, SA8000 Basic auditor Course and SA8000 Advances Auditor Course, ESEP Lead auditor course, Endorsed RSPO P&C Lead Auditor Course, Refresher course for Endorsed RSPO P&C Lead Auditor, RSPO ISH Training (RISS 2019) as part of the qualification for RSPO Auditors in fulfilling the requirements of 4.8.6(f) of the RSPO Certification System 2020 and Endorsed RSPO SCCS Lead Auditor.
		Language proficiency: Fluent in Thai language and moderate in English.
		Aspect covered in this audit:  □ Good Agriculture Practice □ Health and Safety □ Supply chain requirements □ Social □ Environmental □ Market Communication and claim requirements □ ISH context (ICS, internal audit, policy, business planning and trading system)
Mr. Supiwat Nentakong	Team Member	<b>Education:</b> Bachelor of Science (Fisheries) KASETSART University, Thailand in 1998.



		<b>Work Experience</b> : He is oil palm plantation owner. Hence, he has more than 10 years' experience in working in the palm oil sector and more then 5 years working experience as RSPO P & C, RISH and SCC Auditor and 1 years working experience as RSPO Lead Auditor of P &C, RISH and SCC scheme before joining with BSI group.  His knowledge in agriculture sector (oil palm) has been evaluated through interview and demonstrated by directly involved in managing oil palm belong to his family.
		<b>Training attended</b> : Completed ISO 9001 Lead Auditor Course, Endorsed RSPO P&C Lead Auditor Course, Endorsed RSPO P&C Lead Auditor Refresher Course and RSPO ISH Training (RISS 2019) as part of the qualification for RSPO Auditors in fulfilling the requirements of 4.8.6(f) of the RSPO Certification System 2020 on 14 -16 Mar 2022 by RSPO, Endorsed RSPO SCCS Lead Auditor course, ISO 14001 Lead Auditor course and ISO 45001, Thai Labour Standard TLS Lead auditor TLS 8001, SA8000 Basic auditor Course Lead Auditor course.
		Language proficiency: Fluent in Thai language and moderate in English.
		Aspect covered in this audit:
		☑ Good Agriculture Practice ☑ Health and Safety ☐ Supply chain requirements
		☐ Social ☐ Environmental ☐ Market Communication and claim
		requirements  ☑ ISH context (ICS, internal audit, policy, business planning and trading system)
Ms.Jutamas Gunthong	Team Member	<b>Education:</b> Hold a Bachelor degree of Science (Fisheries), Kasetsart University, Thailand and Master degree of Science in Aquaculture and Aquatic Resources Management, Asian Institute of Technology, Thailand
		<b>Work Experience:</b> Over 12 years of working experience as consultant/trainer of conformity assessment standards (e.g. ISO/IEC 17065, ISO/IEC 17021-1) and ICS for group certification of agricultural scope (Food crops, Rice, Aquatic animals) including certification of oil palm plantation. She also has audit experience and technical knowledge for audit GAP/Organic standards which according to ISO 19011.
		<b>Training attended:</b> Successfully completed the Quality Management System Auditor/Lead Auditor Course ISO 9001:2015, ISO 14001:2015, OHSAS 18001 (now ISO 45001), Endorsed RSPO P&C Lead Auditor Course, RSPO SCCS Lead Auditor course, RSPO ISH Training (RISS 2019) and also conformity assessment such as ISO/IEC 17020, ISO/IEC 17024, ISO/IEC 17065 and ISO/IEC 17021-1



			Language proficiency: Fluent in Thai language and moderate in English.
			Aspect covered in this audit:
			oximes Good Agriculture Practice $oximes$ Health and Safety $oximes$ Supply chain requirements
			$\square$ Social $\boxtimes$ Environmental $\square$ Market Communication and claim requirements
			$\ \boxtimes$ ISH context (ICS, internal audit, policy, business planning and trading system)
Dr.Suhaili Sahari	Bin	Peer Reviewer	<b>Education:</b> Graduated from University Technology Mara (UiTM), Malaysia in Diploma in Science in 1990. He furthers his first degree in B.Sc (Hons) in Chemistry with Industrial Chemistry in 1995 from Liverpool University, England. He later advances his study in Master in Business Administration (General) in 2002 and graduated in 2005 from University of Multimedia, Malaysia. Completed his PhD from University Science Islam Malaysia (Faculty of Economy and Muamalat - Management) under the supervision of previous University Vice Chancellor Dato' Mohd Muda.
			<b>Work Experience:</b> Worked with Hong Leong Group of Companies as a production executive cum TQM facilitator and continues to advance in his career as a manager and senior manager in management, production, training and quality for more than 11 years. During his tenure with Hong Leong Group of Companies, he heavily involved in strategic management decision issues such as developing SWOT analysis, Vision, Mission, Business and Corporate Strategy formulation, Acquisition and restructuring strategies. Strategic actions and implementation etc. Then he joint Kumpulan Guthrie and Sime Darby Group of Companies for more than 7 years as a manager, heads of department and Assistant Vice President in management, quality and training. Part of his duty is to strategies the departmental vision; mission, critical success factors and action plan into actions and support the corporate strategic plan
			Training attended:
			1. ISO 9001:2015 Lead Auditor and Internal Auditor
			2. ASI reviewer training
			3. Safety and Health
			4. ISO 14001:2015 Standard
			5. RSPO Standards: RSPO P&C 2018 MY-NI 2019
			6. MSPO Standards: MS 2530:2013 part 1, 2, 3 and 4
			7. Problem Solving Technique: 8 D, ICC, QCC, Systematic PS
			8. HACCP MS 1480:2019
		1	Q CAP Standard: Global CAP Furo CAP

#### **Accompanying Persons:**



Name	Role		
Mr. Chaiyaporn Seekao (CPS)	Qualification Reviewer for Jettana Insuwan		

#### 2.3 Assessment Plan

The Assessment plan was sent to the client prior to the assessment

Recertification Assessment (RA 1)

Date	Time	Subjects	Jettana (TL)under supervision by Dr. Chaiyaporn Seekao (Qualifying Reviewer)	Chongrak (TM)	Supiwat (TM)	Jutamas (TM)
26-Aug-24 Monday	09:00- 11:00	Description of activity for each day, including travelling/flight detail, opening meeting, documentation review, site visit, closing meeting, etc.	√	√	<b>√</b>	<b>√</b>
	11:00- 17:30	Field visit at the 20 smallholders' plantations Interview with smallholders and Observation on harvesting, agrochemicals and fertilizers application, land use rights, land conflict, boundary demarcation, riparian zone protection, wastes management, occupational safety risk management, etc.	✓	√	V	<b>√</b>
	12.00- 13.00	Lunch Break		All		
	17.30 - 18.00	Interim closing briefing of Day 1		All		
27 Aug 24 Tuesday	09:00 - 11:00	Stakeholders' consultation (surrounding communities, government agencies, contractors, vendors, NGO, etc.) (Onsite or Phone)  • Village headman Moo5 ,thamapla Subdistrict ,Langsuan district  • Village headman Moo8 ,Naphayy Subdistrict , Langsuan district  • harvest contractors	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>



Date	Time	Subjects	Jettana (TL)under supervision by Dr. Chaiyaporn Seekao (Qualifying Reviewer)	Chongrak (TM)	Supiwat (TM)	Jutamas (TM)
		<ul> <li>Chumporn Provincial Agricultural Extension Office</li> <li>School Director</li> <li>Naphaya Subdistrict Health Promotion Hospital</li> </ul>				
	11:00- 12:00 and 13:00- 17:30	• Group Manager/Internal Control System Internal Control System Requirements for Smallholder Groups Review of members' profiles & key management documents Group Manager: ICS A- ICS D, and P1 - P4 • Document Audit: Public documents, SOPs, Policies, LUCA & RaCP, PLU, Internal audit, Production & traceability requirements, FFB pricing, legal and other requirements, review on SEIA documents and records, wage records, complaint records, workers records, training records, permits, continual improvement plan, etc Principle 1: Optimise productivity, efficiency, positive impacts and resilience Principle 2: Ensure legality, respect for land rights and community wellbeing Principle 3: Respect human rights, including workers' rights and conditions Principle 4: Protect, conserve and enhance ecosystems and the environment.		✓	√	



Date	Time	Subjects	Jettana (TL)under supervision by Dr. Chaiyaporn Seekao (Qualifying Reviewer)	Chongrak (TM)	Supiwat (TM)	Jutamas (TM)
	12.00- 13.00	Lunch Break			All	
	17.30 - 18.00	Interim closing briefing of Day 2 Supiwat ang Jutamas travel to airport			All	
28-Aug-24 Wednesday	09:00- 12:00 and 13:00- 15:00	• Group Manager/Internal Control System Internal Control System Internal Control System Requirements for Smallholder Groups Review of members' profiles & key management documents Group Manager: ICS A- ICS D, and P1 - P4 • Document Audit: Public documents, SOPs, Policies, LUCA & RaCP, PLU, Internal audit, Production & traceability requirements, FFB pricing, legal and other requirements, review on SEIA documents and records, wage records, complaint records, workers records, training records, permits, continual improvement plan, etc Principle 1: Optimise productivity, efficiency, positive impacts and resilience Principle 2: Ensure legality, respect for land rights and community wellbeing Principle 3: Respect human rights, including workers' rights and conditions Principle 4: Protect, conserve and enhance ecosystems and the environment.	√	√		
	13.00	Lunch Break			All	
	16:00- 17:00	Prepared closing meeting			All	
	17:00- 18:00	Closing meeting and end of RAV1			All	

#### **NOTES:**

List of sampled group Members: Total actual 20 members

13 of Existing member ,New member =3,Existing with new plot=4)



				Location		GPS Co	ordinates	Area Sum	mary (Ha)
No.	Member Name	Plot No.	Sub- district	District	Province	Latitude	Longitude	Total Certified Area	Planted Area
1	Mrs.Wanna Thongruen	Plot 1	Na Phaya	Lang Suan	Chumphon	9°54'3.69	99° 6'28.65	1.64	1.64
2	Mrs. Jirapar Maibunaui	Plot 1	Pho Daeng	Lang Suan	Chumphon	9°55'4.43	99° 6'11.24	1.02	1.02
3	Mr.Sujin Timbua	Plot 1	Pho Daeng	Lang Suan	Chumphon	9°55'16.96	99° 5'58.20	1.65	1.62
4	Mrs.Monta Naknaka	Plot 3	Pho Daeng	Lang Suan	Chumphon	9°54'55.01	99° 5'50.37	1.09	1.09
5	Mrs.Jittra Nakjaroen	Plot 2	Pho Daeng	Lang Suan	Chumphon	9°54'59.08	99° 6'5.18	1.16	1.16
6	Mr.Khanueng Chanda	Plot 1	Ban Khuan	Lang Suan	Chumphon	9°52'8.91	99° 5'2.05	1.23	1.23
7	Mrs.Prathana Chotiroj	Plot 5	Wang Tako	Lang Suan	Chumphon	9°58'11.40	99° 0'12.83	3.17	3.17
8	Mrs.Supatthana Obpat	Plot 2	Tha Maphla	Lang Suan	Chumphon	9°55'25.33	99° 3'5.12	8.38	8.35
9	Mrs.Ramida Nilawan	Plot 1	Ban Khuan	Lang Suan	Chumphon	9°51'54.10	99° 4'50.44	1.68	1.61
10	Mr.Thongchai Kraijaroen	Plot 1	Na Phaya	Lang Suan	Chumphon	9°54'45.78	99° 6'11.89	3.82	3.81
11	Mrs.Walla Arpapirak	Plot 6	Hat Yai	Lang Suan	Chumphon	9°55'12.01	99° 0'56.60	1.17	1.13
12	Mrs. Ratchanee Uchupap	Plot 1	Khan Ngein	Lang Suan	Chumphon	9°56'3.80	99° 4'42.48	2.21	2.21
13	Mrs.Somjit Prikbangka	Plot 1	Ban Khuan	Lang Suan	Chumphon	9°52'6.95	99° 4'55.85	0.69	0.69
14	Mrs. Pratana Daopeak	Plot 2	Ban Khuan	Lang Suan	Chumphon	9°52'1.00	99° 4'47.62	1.05	0.99
15	Miss Amnuay Kongjan	Plot 2	Bang Maphrao	Lang Suan	Chumphon	9°54'59.50	99° 6'23.92	1.09	1.06
16	Mr. Suchart Junsuk	Plot 2	Na Phaya	Lang Suan	Chumphon	9°51'29.82	99° 8'52.86	2.48	2.47
17	Mr. Somchit Chantaramanee	Plot 3	Wang Tako	Lang Suan	Chumphon	9°58'25.46	98°58'13.98	3.6	3.6
18	Mr. Luxachai Monoun	Plot 2	Na kha	Lang Suan	Chumphon	10° 1'3.63	99° 4'31.31	2.08	2.08
19	Mrs. Pathita Arrunrot	Plot 2	Na Phaya	Lang Suan	Chumphon	9°52'13.09	99° 7'24.34	1.87	1.83
20	Mr. Kavin Srisuwan	Plot 1	Pho Daeng	Lang Suan	Chumphon	9°55'30.58	99° 5'23.92	1.7	1.7

#### **Closing NCs on site**

Date	Time	Subjects	Jettana Insuwan
	9:00-9.30	Opening briefing by the audit team leader	$\checkmark$



Date	Time	Subjects	Jettana Insuwan
Tuesday, 8/10/2024	10:00- 12:00	Sampling onsite and interview (2 sampling ) Member ID 122-64 Member ID 032-62	<b>✓</b>
	12.00- 13.00	Lunch break	√
	13.00- 16.00	Verification of effective implementation of corrective and corrective action for >NC No. 2538704-202408-M1,criteria B1.1	√
	16.00- 17.00	Closing meeting	√

### **Section 3: Assessment Findings**

#### 3.1 Multiple Management Units and Time Bound Plan

Requirement	Assessment	Compliance
Does the time bound plan include all current subsidiaries, estates and mills that is under the control and/or minor shareholding of the holding company?	Not applicable for Independent Smallholders Certification.	Not Applicable
Have all the estates and mills certified within five (5) years after obtaining RSPO membership?  If no, has RSPO Secretariat approval obtained? Was the submission according to the template as announced by the RSPO Secretariat on 21/12/2021	Not applicable for Independent Smallholders Certification.	Not Applicable
Have there been any new acquisitions? If yes, the new acquisitions shall be certified within three (3) years from the date of acquisition. Certification plan for the new acquisition shall be available.  If no, has RSPO Secretariat approval obtained? Was the submission according to the template as announced by the RSPO Secretariat on 21/12/2021.	Not applicable for Independent Smallholders Certification.	Not Applicable



Any deviations from the maximum periods requires approval by the RSPO Secretariat.	Not applicable for Independent Smallholders Certification.	Not Applicable
Have there been any changes to the time-bound plan since the last audit (both new acquisition and existing)? If yes, justification is required.  Is this consistent with the ACOP reporting?	Not applicable for Independent Smallholders Certification.	Not Applicable
Have there been any isolated lapses in implementation of the plan? If yes a <b>Minor</b> non-compliance shall be raised	Not applicable for Independent Smallholders Certification.	Not Applicable
Have there been any fundamental failure (e.g. unable to justify delay in planning the assessments) to proceed with implementation of the plan? If yes a <b>Major</b> non-compliance shall be raised	Not applicable for Independent Smallholders Certification.	Not Applicable
Un-Certified Units or Holdings		
No replacement of primary forest or any area required to maintain or enhance HCVs and HCS in accordance with RSPO P&C criterion 7.12.	Not applicable for Independent Smallholders Certification.	Not Applicable
Any new plantings since January 1 <sup>st</sup> 2010 shall comply with the RSPO New Plantings Procedure.	Not applicable for Independent Smallholders Certification.	Not Applicable
Any Land conflicts are being resolved through a mutually agreed process, such as RSPO Complaints System or Dispute Settlement Facility, in accordance with RSPO P&C criteria 4.4, 4.5, 4.6, 4.7 and 4.8.	Not applicable for Independent Smallholders Certification.	Not Applicable
Any Labor disputes are being resolved through a mutually agreed process, in accordance with RSPO P&C criterion 4.2	Not applicable for Independent Smallholders Certification.	Not Applicable
Any Legal non- compliance is being addressed through measures consistent with the requirements of RSPO P&C criteria 2.1	Not applicable for Independent Smallholders Certification.	Not Applicable
Did the company conduct internal audit for those uncertified estates against the uncertified management units requirement and covering the RSPO P&C criterion 2.1 4.2, 4.4, 4.5, 4.6, 4.7, 4.8 and 7.12? If yes, a positive assurance statement shall be available and justified.	Not applicable for Independent Smallholders Certification.	Not Applicable
Are there any Critical (Major) non-compliance raised against any of the RSPO P&C criterion 2.1 4.2, 4.4, 4.5, 4.6, 4.7, 4.8 and 7.12 during the last internal audit of the uncertified estates? If yes is the NC(s) actively addressed with RSPO?	Not applicable for Independent Smallholders Certification.	Not Applicable
Have there been any stakeholder (including NGO) consultation conducted?	Not applicable for Independent Smallholders Certification.	Not Applicable



#### 3.2 Progress of scheme smallholders and/or outgrowers

Progress of scheme smallholders or outgrowers towards compliance with relevant standards		
Requirement	Remarks	Compliance
Has 100% of scheme smallholders and/or scheme outgrowers comply with the standard within three years of the mill's initial certification?	Not applicable for Independent Smallholders Certification.	Not Applicable
OFI shall be raised if after one year where 100% of the scheme smallholders and scheme outgrowers are not in compliance, a minor NC after two years, and a major NC if this requirement is not met after three years.		



#### **Approved Time Bound Plan**

Not applicable for Independent Smallholders Certification.



#### 3.3 Details of Nonconformities

The nonconformities are listed below. The findings summary of the assessment by criteria are listed in Appendix A.

During this Assessment there were  $\it 1$  Critical and Minor nonconformities and  $\it 0$  Opportunity For Improvement raised. The Langsuan Oil Palm Smallholders Community Enterprise Certification unit submitted Corrective Action Plans for the nonconformity. Corrective action plans with respect to the nonconformity was reviewed by the BSI audit team and accepted.

Non-conformity			
NCR Ref #	2538704-202408-M1	Issued Date	28 Aug 2024
Due Date	27 Nov 2024	Closure Date	8 Oct 2024
Indicator & Category (Critical / Minor)	Critical		
Statement of Nonconformity:	The group documents and effectiveness	implements a system for t	the tracking of FFB. not
Requirement Reference:	D 2.1 MS A The group manager maintains annual production data and sales of certified volumes through Book and Claim for the group based on actual receipts for and sales by all members.		
Objective Evidence:	From the verification s annual production data and sales of certified volumes for the group based on actual receipts for and sales by all members not found the FFB record verification for member ID 032-62, Plot 2, with a total area of 3.20 hectares, which was canceled on October 16, 2023, was not found. Additionally, it was discovered that member number 134-65, Mr. Somchit Chantaramanee, has been selling under the name of another member's plot		
Corrections:	- The group has notified the suspension of produce sales for member ID 032-62 starting from June 6, 2024 The group's working committee has inform member Mr. Suchart Jansuk, ID 122-64, regarding the use of his name for selling RSPO-certified produce, instructing him to use only his own name for the sale.  Responsible officer Completion date: August 29, 2024.		
Root Cause Analysis:	<ul> <li>The group controls the sale of produce using a quota system based on the amount of produce certified for each certification period, without considering whether the weight brought in by members for sale aligns with their land area.</li> <li>The names of individuals selling produce at collection points or other purchasing centers, as there are various reasons for selling produce under someone else's name, such as tax evasion by members, different pricing for produce sold under different names, or contractors selling under their own names because the vehicle registration matches the information in the sales system.</li> </ul>		
Corrective Actions:	<ul> <li>Check the weight and summarize the amount of produce every 3 months, according to the group's palm plantation record book collection cycle, including the weight sold physically to the factory and the weight sold at collection points or other purchasing centers.</li> <li>Conduct a refresher training for group members on the process of selling certified produce</li> </ul>		



Assessment Conclusion:	Evidence of Corrective Actions:  1. Upon verifying the data collection records for member ID 032-62, it was found that the group had ceased purchasing from this member, and upon reviewing the weighing bills, it was confirmed that the member had sold the FFB as non certificated since June 2024  2. Verification of the bills for member ID 122-64 showed that the member recorded the produce volume in the certified logbook according to the bills, matching the member's name, and the group conducted verification since Sep 2024.  3. Evidence of training and related documents on the topic of produce sales and record-keeping were found to be complete for both new and existing members. On 19-20 sep 2024  The action plan by group is effective, this non-conformity has beenaddressed and it is now closed. Effectiveness of corrective action taken will be further verified in the next assessment
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Opport	Opportunity for Improvements		
OFI#	Description		
OFI 1	It can be, but is not necessary, led to the nonconformity if a timeframe for inspecting hazardous chemical container storage areas has not been taken into account to prevent potential impacts when considering sufficient storage space.		

Positive Findings	
PF#	Description
PF 1	High interest was shown by the sampled members in implementing to comply with RSPO Standard and group requirements.

#### 3.3.1 Status of Nonconformities Previously Identified and Opportunity for Improvement

Previous Audit Critical (Major) Non-conformity			
NCR Ref #	2398563-202309-M1	Issued Date	27 Sep 2023
Due Date	26 Dec 2023	Closure Date	23 Nov 2023
Indicator & Category (Critical / Minor)	Critical		
Statement of Nonconformity:	Smallholders not implement good agricultural practices (GAP) on their farms.		
Requirement Reference:	1.3(B) Smallholders have adopted GAP on their farms and are tracking productivity through, but not limited to, records of FFB sales		



Objective Evidence:	Result from the on-site audit, it was found following:  - Smallholder farmers did not record any disease or insect happened within their palm plantations. For example, missing to make the record of the disease or insect was detected at plots ofmember numbers. 151-66,125-64,154-66,147-66,069-63  - The chemical storage room was kept uplocked and there is not signage to identify as the storage of chemicals. This case was found at, for example, member number 151-66
Corrections:	Group Manager and Group Working member trained those smallholder members on October 6, 2023 about GAP, integrated pest management IPM, occupational health and safety at work, disposal and storage of chemical containers, information smallholder members aware of the importance and the severity that will follow from the pests and the correct use of chemicals according to occupational health principles
Root Cause Analysis:	- Members lack of the knowledge about Best Agriculture practices how to do when the disease especially Ganoderma sp., casing worms has been found at the plot - Members No. 151-66 (Khun Sunantha Chandrapas) lack of awareness how to manage the chemical properly when they are kept at the storage.
Corrective Actions:	The group has designed an area for the collection of chemical containers used by the member. The group established further plan to dispose of empty containers by delivering them to the Subdistrict Administrative Organization's hazardous waste disposal point.  - During visit it was noted that all the remaining pesticides are kept in the store and securely locked and comply with regulation and as per SOP (Working Safety Procedure)  - Waste are disposed either as scheduled waste, recycle waste or landfilled. The scheduled waste are being transported S.P.O Co ,LTD. for disposal.  - The group provides knowledge and reviews about good garden management. , integrated pest management IPM, palm plantation diary keeping, disposal and storage of chemical containers According to the group's annual internal audit plan.
Assessment Conclusion:	Verified the objective evidence by the onsite NCR close-out visit was conducted on 23 Nov 2023 in member ID 151-66,125-64,154-66,147-66 and 069-63, found the correction and corrective action have been implemented on 20 Nov 2023 in pilot member ID 61157 and 6155. The update visiting planning carried out as mechanism to prevent reoccurrence last visit date on 23 Nov 2023 to check the correction taken by member ID 151-66 and also place assigned to manage and hold the empty container before further disposal are maintain. The action plan by company is effective, this non-conformity has been addressed and it is now closed. Effectiveness of corrective action taken will be further verified in the next assessment.
Effectiveness Closure (for previous audit closed Critical NC):	from during audit by interview and observe the member and the group, it was found  1. The group has established a waste management plan for members' chemical containers, requiring members to bring them to the designated storage area at the SPO site for disposal.  2. The storage of chemical containers at the designated area was found to be appropriate and does not impact the environment.



	3. The group has provided training to its members and continuously tracks waste quantity data.			
	4. Based on interviews and evidence from members such as member ID 122-64,011-62,118-64, there is a clear understanding of data record in look book			
Previous Audit Minor No	on-conformity			
NCR Ref #	N/A	N/A Issued Date N/A		
Due Date	N/A	Closure Date	N/A	
Indicator & Category (Critical / Minor)	N/A			
Statement of Nonconformity:	N/A			
Requirement Reference:	N/A			
Objective Evidence:	N/A			
Corrections:	N/A			
Root Cause Analysis:	N/A			
<b>Corrective Actions:</b>	N/A			
<b>Assessment Conclusion:</b>	N/A			

Previo	us Audit Opportunity for Improvement
OFI#	Description
OFI 1	The group manager should clear hardcopy of documented information related to evidence of the labor list to ensure all information is updated and consistent with actual data group members can be further improved. It can be but not necessary to lead to a future nonconformity if not addressed. However, the group has already made corrections
	Verification / Follow-up actions: Based on the document review and verification, the group is still operating in compliance and has fully updated the information regarding the labor list
OFI2	The group manager should clear reviewed and updated the PPE matrix for each work to ensure all workers know about the health and safety risks associated and provided PPE to comply with risk mitigation with farm work group members can be further improved .It can be but not necessary to lead to a future nonconformity if not addressed. However, the group has already made corrections Verification / Follow-up actions: Based on the document review and verification, The group continues to maintain and update the PPE matrix and provides training to workers on 10 May 2024
OFI3	The group manager should clear improvement plan should be reviewed for continuity. To clearly reflect the concrete application At present, the group stores data, such as on the topic of fuel use. But the processing and application are still unclear group members can be further improved .It can be but not necessary to lead to a future nonconformity if not addressed. However, the group has already made correction  Verification / Follow-up actions: FY2024 the group has made improvements by setting in Group plan 2024 and comparing the previous year's fuel usage to track progress continuously.



#### 3.3.2 Summary of the Nonconformities and Status

	Category (Critical / Minor)		Issued Date	Status & Date (Closure)
2538704-202408-M1	Critical	D 2.1 MS A	28 Aug 24	Closed 8/10/24
2398563-202309-M1	Critical	1.3 (MSB)	27 Sep .23	Closed 23/11/23
M07	Critical	B1.2 (E):	1/9/22	Closed /23/9/22
M06	Critical	B1.2 (E):	1/9/22	Closed /23/9/22

#### 3.4 Stakeholders and previous land owner / user consultation

Stakeholder consultation involved internal and external stakeholders. External stakeholders were contacted by telephone to arrange meetings at a location convenient to them to discuss Langsuan Oil Palm Smallholders Community Enterprise Certification Unit's environmental and social performance, legal and any known dispute issues.

Meetings were conducted with stakeholders to seek their views on the performance of the company with respect to the RSPO requirements and aspects where they considered that improvements could be made. At the start of each meeting, the interviewer explained the purpose of the audit followed by an evaluation of the relationship between the stakeholder and the company before discussions proceeded. The interviewer recorded comments made by stakeholders and later was verified with the management team. Any comment which is not complying to the ISH standard requirements have been incorporated as an assessment finding.

Structured worker interviews with male and female workers and staff were held in private at the workplace. Fieldworkers were interviewed informally in small groups in the field. In addition, the wives of workers and staff were interviewed in informal group meetings at their housing. Separate visits were made to each of the local communities to meet with the village head and residents. Company officials were not present at any of the internal or external stakeholder interviews. A list of Stakeholders contacted is included as below.

Stakeholders contacted					
<b>Type of Stakeholder</b> (e.g. Internal, Union, Contractor, Governmental Department, NGO, External, Communities)	Stakeholder name / organization	<b>Means of communication</b> (e.g. face to face interview, email, phone interview, comment from public notice)			
Governmental Department	Mrs.Nattamon C./ Director of Na Phaya Sub-District Health Promoting Hospital, Langsuan District, Chumporn Province +66 9595 31xxx	phone interview			
Casual worker	Mr. Nusorn C. (Harvester) +66 87 91 27xxx	Phone interview			
Governmental Department	Mr. Phanupong Chonlacha, Plant Protection Group, Chumphon Provincial Agricultural Office +66 8108 11xxx	Phone interview			
	Mr. Kritchai Mitim, Acting Director of Wat Rat Arun School, Na Phraya	Phone interview			

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	Subdistrict, Lang Suan District, Chumphon Province, +66 6155 95xxx	
Community	Mr Chumnan A ,village headman moo 5 ,Thamapla sub district. +66 86-26879xx) Mr.saroj M, village headman Moo 8 ,naphaya sub district (+66 83-	Phone interview
	6337xxx)	

#### Stakeholders comment

- **1 Feedbacks:** Director of Na Phaya Sub-District Health Promoting Hospital
  - The group has provided clear communication regarding the RSPO standards.
  - No serious accident from activities of oil palm cultivation.
  - There was contacted to provide an annual health check-up for sprayer contractor including training
    to group members or contractor and from health check-up for sprayer found some people in the
    group whose test results are at risk and must be monitored continuously. But because there are
    other crops in the area, such as durian, some members also grow and use chemicals, which may
    affect the test results.

#### **Audit Team verification and response:**

- Positive feedback not required to follow-up.
- Verified the result of annual health check-up of Sprayer were satisfy.
- No Complaints from local community.

#### 2 Feedbacks: Casual workers (Harvesting and pruning)

- The training on safe working and PPEs on oil palm plantation is useful for all workers to protect accident during working.
- They were informed by group members to understand and aware on labour, wage and benefit, working condition and safety, social and environment issue covering pesticide usage control, child labour, waste management, environmental protection (water source, soil, RTE, HCV), working details and condition, the procedure for grievance and complaint, etc.
- During working, they were supervised by group member who is employer to ensure that they can work properly and prevent the negative issue from their activity.

#### **Audit Team verification and response:**

- Communication and coordination with casual worker (Contractor) will always be maintained and improved for further.
- Provide Training program as Safety Environment, Labour were implement with contractor
- Communication and provided annual healthy check up to all worker and all members as who worked with chemical.
- Positive feedback not required to follow-up.
- Verified the Training record were implement
- **Feedbacks:** Director of Mr. Phanupong Chonlacha, Plant Protection Group, Chumphon Provincial Agricultural Office
  - The group has provided clear communication regarding the RSPO standards.



- No outbreak of disease and insects was found in the palm plantation...
- Continuous improvement is carried out for BMP, land management, fire prevention.

#### **Audit Team verification and response:**

- Positive feedback not required to follow-up..
- No Complaints from local community.

### 4 Feedbacks: Mr. Kritchai Mitim, Acting Director of Wat Rat Arun School, Na Phraya Subdistrict, Lang Suan District, Chumphon Province

- Communication Policy, Employee Rights & Equal Employment Opportunities Policy, Gender Right Policy, Human Rights Policy, Child labor, Sexual Harassment Policy and Whistleblowers Policy; covering is well established.
- Received assistance in scholarship.

No complaints from activities of oil palm cultivation such child labor or family (parent)

#### **Audit Team verification and response:**

- Positive feedback not required to follow-up.
- No Complaints from local community.

### Feedbacks: village headman moo 5 ,Thamapla sub district, village headman Moo 8 ,naphaya sub distric

- No conflict of land right. The boundaries of the plantation are clear and also, no complaint raised by people who lived surrounding the plantation.
- The subdistrict has good relations with group members in terms of being a place to hold meetings on various meeting
- Communication and coordination with the director will always be maintained and improved for further.
- No conflict of land deed with the government.

For the last 2 years, there is no complaints issue from Government and all take holder.

#### **Audit Team verification and response:**

- Positive feedback not required to follow-up
- All members have land deed or land use certificate and the boundaries of the plantation are clear and also, no complaint raised by people who lived surrounding the plantation.

List of land owner / user contacted					
Name	Years of ownership / used	Land area (ha)	Agreement (Yes / No)	Agreement base on FPIC (Yes/No)	Compliance on the agreement terms and conditions
Member ID 021-62,	16 Nov 2012 (Land	1.02	Yes	Yes	Comply / It is the transfer of inheritance from father to son. The ownership has been transferred for



Plot 1. Mrs. Jirapar M.), Owner is Mr. Teeraphong M.	Deed no. 16494)				about 27 years and The area was planted with oil palm before the change of ownership.
Member ID 018-62 (Mrs. Jittra N.) Plot 2	Land Deed no. 34334 on 29 May 2007	1.16	Yes	Yes	Comply /It is for sale according to the wishes of the original owner. Transfer of ownership in 29 May 2027 and it is an area that has been used for rice farming before.
Member ID 017-62 (Mrs. Monta N.), Plot 3, Owner Mrs. Sujin K.	Land Deed no. 24103 on 16 Jan 2019	1.09	Yes	Yes	Comply / It is the transfer of inheritance from father to son. The ownership has been transferred for about 5 years and The area was planted with oil palm before the change of ownership.
Member ID 014-62 (Mr.Sujin T.) Plot 1	Land deed no. 22636 on 25 May 1998 and land deed no. 3363 on 20 Mar 2008	1.65	Yes	Yes	Comply /It is for sale according to the wishes of the original owner since 25 May 1998 and transfer of inheritance from mother to son since 20 May 2008.
Member ID 155-67 (Mr. Luxachai M.) Plot 2	Land Deed no. 17852/ 2 Apr 2004	2.08	Yes	Yes	Comply / It is for sale according to the wishes of the original owner since 2 Apr 2004 and transfer of inheritance from mother to son since 20 May 2008. And The area was planted with oil palm before the change of ownership.
Member ID 018-62 (Mrs. Pathita A.) Plot 2, Land Owner is Mr. Apicha A.	Land Deed no. 2003/ 28 Jun 2007	1.87	Yes	Yes	Comply / It is transfer of inheritance from father to son since 28 Jun 2007. And The area was planted with oil palm before the change of ownership.
Member ID 080-63 (Mrs.Walla A) plot 6 land owner is Mrs narumol chuaylamae	Land Deed no. 36861/ 20 April 2023	1.17	Yes	Yes	Comply/It is a sale according to the wishes of the original owner. The ownership was transferred on 20 April 2023, and the area was previously used for palm cultivation
Member ID 011-62 (Mrs. Mrs.Wanna T.) plot	Land Deed no. 16032/ 4 august 2000	1.64	Yes	Yes	Comply /It is the owner's original land.

#### Assessor Notes:

Assessor Notes: Although the land acquisition is after November 2005 without HCV assessment, the LUCA process has been done by RSPO



#### Previous land owner / user comment

#### All

#### Feedbacks:

- The process of transferring land ownership is carried out well, there is no coercion and problems related to land.
- Before buying and selling land, a survey of the land in question is carried out to determine the
  boundaries of the land and the completeness of the land legality documents. The location survey was
  carried out by landowners (sellers) and prospective land buyers (buyers) and witnessed by several
  witnesses (village heads, community leaders and neighbouring land borders) to ensure that the land
  was not in a problematic condition.
- The transfer of land ownership can be proven by the issuance of a land sale and purchase receipt, which will then be processed at the Land Department Office to issue land title deed.

So far, there is no conflict or grievance have occurred after the land sale and purchase process was carried out

#### **Audit Team verification and response:**

- The process of transferring land ownership rights (land sale and purchase) has not experienced problems or conflicts, either internal or external.
- As a member of The Langsuan Oil Palm Smallholders Community Enterprise Group, the land sale and purchase process requires a legality document and proof of land sale and purchase from the Land Department Office.
- The right as a member of The Langsuan Oil Palm Smallholders Community Enterprise Group will be processed freely and voluntarily for the new
- The rights of the new landowner (as a member of The Langsuan Oil Palm Smallholders Community Enterprise Group) will be communicated according to the established procedure Audit Team Findings: Coordination and The process of transferring land ownership is carried out well must be maintained properly.

#### 3.5 Impartiality and conflict of interest

During this assessment there *was no* circumstances or pressure that had influenced the independence or confidentiality of the assessment team.



#### **Formal Signing-off of Assessment Conclusion and Recommendation**

The audit objectives have been achieved and the certificate scope is appropriate. Based on the results of this audit, it is concluded that Langsuan Oil Palm Smallholders Community Enterprise has complied with the Independent Smallholder Standard 2019 and audit criteria identified within the audit report. It is deemed that the management system has achieved its intended outcomes. Therefore, it is recommended that Langsuan Oil Palm Smallholders Community Enterprise is remain certified.

Report prepared by	Acceptance of Assessment Conclusion	
Name: Mr. Jettana Insuwan	Name: Ms. Pailin Konpech	
Company Name: on behalf BSI Malaysia Services	Company Name:	
Sdn Bhd.	The Langsuan Oil Palm Smallholders Community Enterprise Group	
Title: Client Manager	Title: Group Manager	
	Signature:	
Signature:	1 der.	
Date: 17-10-2024	Date: 17-10 -2024	



#### **Appendix A: Summary of Findings**

Criterion / Indicator		Assessment Findings	Compliance			
_	Principle 1: Optimise productivity, efficiency, positive impacts and resilience Implement professional and transparent operations to secure sustainable livelihood improvements.					
	Criteria 1.1 Smallholders establish a legal entity which has organizational capacity to comply with the RSPO Independent Smallholder Standard.  Eligibility   E Legally registered entities have documented evidence to include:   Langsuan Oil Palm Smallholders Community Enterprise is an   Complied					
	<ol> <li>Legal formation (as per country requirements)</li> <li>Fair and transparent decision making and governance</li> <li>Additional documents per requirements for Group Formation and Management.</li> <li>Signed or thumb printed Smallholder Declaration from all smallholder members, reference Annex 2 (see appendix 1 for details needed in declaration).</li> </ol>					



- Guidelines for management of member's productivity and credit which separated into group management funds that come from income from selling FFB to mill and income from selling credit.
- The Group manager had prepared smallholder declaration letter for group members. All group members have signed a declaration letter acknowledging and understanding the terms for applying to become group members. Sampling the signed declaration letter as following;

#### **Existing member:**

- Member ID: 134-65 (Somchit C.), Joining group on 29 Dec 2021, signed group agreement and the declaration letter on 30 Aug 2021.
- Member ID: 096-64 (Ratchanee U.), Joining group on 20 Oct 2020, signed group agreement and the declaration letter on 19-20 Mar 2021.
- Member ID: 074-63 (Thongchai K.), Joining group on 27 Jun 2020, signed group agreement and the declaration letter on 19-20 Mar 2021.

#### Existing member with additional plot:

- Member ID: 067-62 (Prathana C.), Joining group on 18 Feb 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.
- Member ID: 080-63 (Walla A.), Joining group on 03 Oct 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.

#### New member:

• Member ID: 155-67 (Luxachai M.), Joining group on 26 Oct 2023, signed group agreement and the declaration letter on 26 Jan 2024.

# bsi.

		Member ID: 158-67 (Kavin S.) Joining group 23 Nov 2023, signed group agreement and the declaration letter on 26 Jan 2024.	
A (ICS)	A (ICS) that meets all the ICS Eligibility and MS A requirements (section 3.2 below) and complete training on oil palm pricing mechanisms, financial management, and best practices for smallholder organisations.	The group has implemented an internal control system by following the documents "Internal Control System Manual" issued on 08 Sep 2023.	Complied
		The organization structure of ICS, qualification and responsibilities of Group manager and group members as defined in "Internal Control System Manual" page 4-6.	
		Based on document verification and interviewed Group manager, Group committee and group members who were sampled could show proof of their qualification as identified.	
		• Found revised appointment of the Group manager and committee (16 persons) as indicate in Announcement of the appointment of the Group manager and group committee on 04 Apr 2024. Responsibilities of the Group manager and committee are defined in "Internal Control System Manual".	
		Found application form with personal documents of group members and signed declaration letters e.g. member ID 122-64 (Suchart J.), member ID 011-62 (Wanna T.) signed agreement and smallholder Declaration letter on 19-20 Mar 2021 and member ID 080-63 (Walla A.) signed agreement and smallholder Declaration letter on 27 Jun 2020.	
		Group has implemented ICS process as identified in "Internal Control System Manual" such as;	
		New member registration	
		Record control	
		Training	
		Internal Audit	
		Complaint and grievances	

		<ul> <li>Social and Environment The Group manager established plan for implementation of ICS at least once a year, which was conducted as training plan for 2024-2025 which was specified training plan such as:</li> <li>RSPO ISH standard</li> <li>ICS</li> <li>GAP, BMPs, IPM</li> <li>FPIC/HCV</li> <li>Occupational health and safety.</li> <li>Guideline for oil palm plantation record</li> <li>Business plan preparation</li> <li>Training on oil palm pricing mechanisms, financial management, and best practices for group members was conducted on 28 Jun 2024 with 118 participants. Based on document verification and interviewed sampled members found that they have attended this training course e.g., member ID: 122-64 (Suchart J.), member ID 011-62 (Wanna</li> </ul>	
Milestone B	Smallholder groups are operating in accordance to best management practices for groups, including:  • Fair and transparent decision-making and governance  • Sustainable financial management	<ul> <li>T.), member ID 118-64 (Amnuay K.).</li> <li>Langsuan Oil Palm Smallholders Community Enterprise has statutes to transparent decision-making and governance.</li> <li>As follows that: <ul> <li>A meeting is declared valid if it is attended by more than half of the number of members.</li> <li>Decision making is carried out by deliberation and consensus. If there is a deadlock, then the decision is taken based on a mechanism approved by the forum but still on an accountable basis.</li> <li>Group willing to get involved and willing to promote RSPO certified palm oil.</li> </ul> </li> </ul>	Complied

Criteria 1.	<b>2</b> rs have the capacity to effectively manage their farm.	Appointed Ms.Pailin Konpech as a Group Manager who responsible for implementation of RSPO principles and criteria.  All member of Langsuan Oil Palm Smallholders Community Enterprise will support all the joint declaration point. The group also has business planning that can demonstrate its sustainable financial management as established an action plan for development and budget for 2024 which includes support money provided by S.P.O. Agro-Industries Co.Ltd. This funding is based on all FFB physical supply from members to the mill. Furthermore, the credits from transactions are sold, and the proceeds are used to manage the group, ensuring sustainable financial management.	
Eligibility	Not Applicable	Not applicable	Not Applicable
Milestone A	Smallholders complete training on farm business operations, monitoring and planning. The training includes capacity building on record keeping for production, including inputs and yields, transactions, and variety.	<ul> <li>Langsuan Oil Palm Smallholders Community Enterprise has held trainings related to palm oil business. The trainings have been conducted as follows:         <ul> <li>Training on refresh knowledge of procedures implementation which including record keeping for production, including inputs and yields, transactions. Presented by Group manager on 26 Jan 2024, with 28 participants.</li> <li>Training on RSPO ISH Standard and related topics e.g., Palm Oil Replanting for Smallholder, GAP, worker welfare, garden management was conducted by Group manager and group committee on 10 May 2024, with 87 participants.</li> <li>Training on Refresh of RSPO ISH Standard and related topics e.g., Palm Oil Replanting for Smallholder, Labor and Legal, Updating</li> </ul> </li> </ul>	Complied

		SOP, Determination of FFB Prices based on FFB quality, financial	
		management was conducted by Group manager and group committee on 28 Jun 2024, with 118 participants.	
		Dissemination of the material through document file of RSPO introduction and implementation given to all smallholders.	
Milestone B	Smallholders are managing their farms effectively and maintain records of production and transaction data of all FFB sale	Based on field observation to sampled group members, found that group members are managing their farm effectively and maintain records of production and transaction data as follow;	Complied
		FFBs were sold to Palm Oil Mill or ramp in the local area.	
		Records of production and sale of FFB by individual members have consistently record the FFB production and sales.	
		Sample seen of transaction data of FFB sale:	
		<ul> <li>Weighing receipt from S.P.O. Agro-Industries Co., Ltd. to Thongchai K. (Member ID: 074-63) regarding sales of FFB on 19 Jun 2024, total weight 5,330 kg. received 27,716 baht.</li> </ul>	
		- Weighing receipt from S.P.O. Agro-Industries Co., Ltd. to Ratchanee U. (Member ID: 096-64) regarding sales of FFB on 17 Jun 2024, total weight 5,220 kg. received 26,100 baht.	
Criteria 1.	3		
Smallholder	rs implement good agricultural practices (GAP) on their farms.		
Eligibility	Smallholders commit to implementing good agricultural practices on their farms. (Reference Smallholder Declaration, 1.1.E, Annex 2).	Langsuan Oil Palm Smallholders Community Enterprise has developed an application form and smallholders declaration letter which outlines the necessity to implement good agricultural practices in their farms.	Complied
		The Smallholders' Declaration form signifies members' commitment to implementing good agricultural practices on their farms, and it is signed by each member. Currently, there are 118 group members. Examples of these members can be found in the group's documents, as follows:	

		<ul> <li>Member ID: 096-64 (Ratchanee U.), Joining group on 20 Oct 2020, signed group agreement and the declaration letter on 19-20 Mar 2021.</li> <li>Member ID: 080-63 (Walla A.), Joining group on 03 Oct 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.</li> <li>Member ID: 158-67 (Kavin S.) Joining group 23 Nov 2023, signed group agreement and the declaration letter on 26 Jan 2024.</li> </ul>	
Milestone A	Smallholders complete training on Good Agriculture Practices (GAP).	<ul> <li>From verified the training year plan in business plan of 2024-2025 and interviewed sampled members found the group provide training course on Good Agriculture Practices (GAP) as follow;</li> <li>Training on RSPO ISH Standard and related topics including GAP which presented by Mr.Teerapong Channiyom from Oil Palm and Palm Oil Research and Innovation Institution on 10 May 2024, with 87 participants.</li> <li>Training workshop on the use of biological products to prevent and eliminate plant diseases (including GAP) which presented by Agricultural extension officers, Krabi Province on 26 Jul 2024, with 34 participants.</li> <li>Based on interview with Group manager and document verification, most of trainers have a competence of each topic to training.</li> </ul>	Complied
Milestone B	Smallholders have adopted GAP on their farms and are tracking productivity through, but not limited to, records of FFB sales.	Based on field observations conducted in group member areas, such as those of member ID: 011-62, 158-67, 155-67 and 067-62, it shows that all smallholders are effectively managing their farms and diligently maintaining records of production and transaction data. Moreover, they have implemented GAP in accordance with the SOPs and training that have been delivered, such as;  • Not using paraquat.	Complied



		<ul> <li>Prepared cultivation management plan which cover GAP implementation.</li> <li>Carrying out farmer activity records, such as harvest records and fertilizer use records.</li> <li>Properly conducting as planned e.g., weed management and fertilization.</li> <li>Additionally, the auditor noted that the weed condition and garbage management in several plots were satisfactory, indicating good farm management practices across various areas within the group.</li> </ul>	
-	2: Ensure Legality, Respect for Land Rights and Community Wel th the law and respect communities' rights	lbeing	
	ers have legal or customary rights to use the land in accordance with nati	onal and local laws, and customary practices	
Eligibility	Smallholders provide the coordinates or maps of their plots and evidence of ownership, or rights to use the land (refer to appendix 1).	Langsuan Oil Palm Smallholders Community Enterprise has established a comprehensive database containing the land holdings of all group members, encompassing member details such as name, address, ID code, and coordinate points, along with land ownership status, planting year, and total area. This information has been gathered from specific document data in various formats, including the membership application form and related documents such as copies of the land ownership certificates submitted by the members.  The Group manager verified the group's information using a shapefile	Complied
		to compare the land for confirming the consistency	
Milestone A	Smallholders can demonstrate legal ownership or native and/or customary rights to use the land or demonstrate that they are in the process of legalisation of that right.	Based on document verification, all sampled group members of group were able to provide proof of their land ownership, demonstrated as sample follows:	Complied



		Smallholder	Plot	ID	Land title type and No.	Area (Ha)	
		Somchit C.	Plot 3	134-65	SorPorKor no.1832	3.6	
		Ratchanee U.	Plot 1	096-64	Title deed no. 5957	2.21	
		Thongchai K.	Plot 1	074-63	Title deed no. 25288	3.82	
		Luxachai M.	Plot 2	155-67	Title deed no. 17582	2.08	
		Wanna T.	Plot 1	011-62	Title deed no. 16032, 16031	1.64	
		Walla A.	Plot 6	080-63	Title deed no. 15207, 27872, 36861	1.17	
Milestone B	Smallholder plots are clearly and visibly demarcated and maintained, and the smallholders are operating only within these boundaries.	2.1 MS A) show to maintained. All s smallholder who and the concrete Department of Moreover, based	that all la smallhold has lan e pillar i Land w d on sta	nd bounda er can dis d deed al numbers. ere mark keholder (	example smallholder (meanies are clearly present, we splay their land boundaries ways indicates the legal. The concrete pillars give ed as a boundary of consultation to interested with other landowner.	visible and es e.g. for boundary en by the the land.	Complied
<b>Criteria 2.</b> Smallholder approach.	2 rs have not acquired lands from indigenous peoples, local communities o	r other users with	out their	free, prior	r and informed consent, b	ased on a s	simplified FPIC
Eligibility	For existing plots, smallholders can demonstrate that they have not acquired land without free, prior and informed consent of indigenous peoples, local communities or other users (refer to appendix 1).	found as both of government dep from indigenous	of land ti artment, peoples	tle deeds however t , local co	and acquisition of all mem and a certificate from th the smallholder never acq mmunities, or other user nsent (FPIC) based on a	ne related uires land s without	Complied

### RSPO P&C Public Summary Report Revision 15 (Nov 2023)

Milestone A	For existing plots, smallholders can demonstrate that they have not acquired land without free, prior and informed consent of indigenous peoples, local communities or other users (refer to appendix 1).	The smallholder never acquires land from indigenous peoples, local communities, or other users without their Free, Prior and Informed Consent (FPIC) based on a simplified FPIC approach. Based on the result of the interviews, it was confirmed that there are no problems with other users' legal rights and customer rights. Therefore, the participatory mapping with involved parties is not applicable. Moreover, it is not necessary to have a negotiated agreement between the individual member and affected stakeholders	Complied
Milestone B	For existing plots, smallholders can demonstrate that they have not acquired land without free, prior and informed consent of indigenous peoples, local communities or other users (refer to appendix 1).		Complied
		Based on document verification, and interviewed with sampling group member, the group member can show the evidence about how long that they are started owned the land. The detail of the time for owned the land was found on the back of land in-deed and founded another detail such as Landowner name, the started period of holding the land, Grant Number/Land Title Details, Date of Transfer and the previous landowner's name. Moreover, Verify the evidence from the land and from interviewing found mostly land obtained bypassed down from ancestors.	
Criteria 2. The right to	3 o use the land is not disputed by indigenous peoples, local communities	or other users	
Eligibility	Smallholders declare any existing disputes on the land commit to resolving said disputes and provide information on the current status of those disputes (if any) (refer to appendix 1).	Based on document verification found that all group members hold land deeds and land utilization certificates for their land used of oil palm cultivation and no evidence of any Land claim, dispute, or complaints raised from the indigenous, stakeholders, community leaders, governmental officer, therefore the customary right was not applied.  Based on interviewed of example members, head village and related stakeholder organization found currently there are no land disputes between group members, local communities or other users.  Apart from that, they also have a land conflict resolution mechanism which member has been perceived by smallholder declaration and	Complied

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		communicated these mechanism to members by training e.g. Social and Environmental training topic in 26 Jan 2024 by Group manager.	
Milestone A	There is an absence of disputes among indigenous peoples, local communities or other users, regarding land, resource-use and access rights; or where there is a dispute, dispute resolution processes are implemented, and the process is accepted by all parties involve	Based on document verification and interviews with example members, there is no evidence of any land claims, disputes, or complaints raised by , stakeholders, community leaders, government officers, or local communities. Furthermore, from stakeholder consultations, no disputes were found among indigenous peoples, local communities, or other users.	Complied
Milestone B	There is an absence of disputes among indigenous peoples, local communities or other users, regarding land, resource-use and access rights; or where there is a dispute, dispute resolution processes are implemented, and the process is accepted by all parties involve	No dispute has been recorded as verified during interviews with the sampled ISH members. Land title detailing the type of ownership freehold/leasehold and right to use the land was clearly stated.	Complied
Criteria 2			
Smallholde Interpretat	·	tected areas, as defined by national, regional or local law or as specific	ed in National
	·	The result of the document review and interviewing during the audit found all plots of group members are located outside of areas classified as national parks or protected areas as defined by national, regional, or local law or as specified in National Interpretation.	Complied
Interpretat	Smallholder plots are located outside of areas classified as national parks or protected areas as defined by national, regional or local law,	The result of the document review and interviewing during the audit found all plots of group members are located outside of areas classified as national parks or protected areas as defined by national, regional,	

Milestone B	Smallholder plots are located outside of areas classified as national parks or protected areas as defined by national, regional or local law, or as specified in National Interpretations (refer to appendix 1).	Furthermore, based on the lasted Land Use Change Analysis report on 2 February 2024 indicated that Chumporn Province has protected areas and the group member plots are not located near the inland protected areas.  The result of the document review and interviewing during the audit found all plots of group members are located outside of areas classified as national parks or protected areas as defined by national, regional, or local law or as specified in National Interpretation.  Furthermore, based on the lasted Land Use Change Analysis report on 2 February 2024 indicated that Chumporn Province has protected	Complied
		areas and the group member plots are not located near the inland protected areas.	
		ne free, prior and informed consent (FPIC), of indigenous people and/or l	ocal
Eligibility	For new oil palm planting, smallholders commit not to clear or acquire land from indigenous people, local communities, or other users without their free, prior and informed consent, based on a simplified FPIC approach (refer to appendix 1).	These criteria are not applicable because the group has no plans for new oil palm planting or the development of new areas. All sampled members have checked their plot coordinates and maps to confirm their boundaries and oil palm planted areas and interviewed about	Not Applicable
Milestone A	A Smallholders complete training on how to conduct a simplified FPIC approach.	previous landowner and land used. Furthermore, the auditor has verified related documents, such as the new planting plan of the group to confirm the information from site verification.	Not Applicable
Milestone B	Based on a simplified FPIC approach, smallholders jointly agree on a plan with the affected indigenous peoples and/or local communities	However, all group members have signed the Smallholder Declaration, committing not to clear or acquire land from indigenous people, local communities, or other users.	Not Applicable



	and/or other rights holders, including vulnerable groups, for new oil		
	palm developments, if these involve land-use change.		
Principle	3: Respect human rights, including workers' rights and condition	ons	
Safeguard	human rights and protect workers' rights, ensuring safe and decent work	king conditions.	
Criteria 3	.1		
There is no	use of forced labour.		
Eligibility	Smallholders commit to no use of forced labour and ensure that any use of forced labour on the farm is terminated at Eligibility. They provide information on the source of labour on the farm, including family, contract and hired labour (refer to appendix 1).	Langsuan Oil Palm Smallholders Community Enterprise has policies related to discrimination, violence, forced labor and abuses at work based on Sustainable Group Manual issued 8 Sep 2023 at page 2 and the small holder declaration letter.	Complied
		Smallholder members have signed the agreement and smallholder declaration statement which stated at point "no use of forced labour on the oil palm plantation".	
		Through verification by onsite observation found the source of labour of the group members are both family and hired labour. Type of worker are Harvesting, trimming, and weeding. The gender of the worker both of Men and Women and the type of employment is daily employed and monthly employed. The most of employment was casual work and reviewed the document as signed a declaration to commit to not use forced labour to ensure all members acknowledgment and practice comply with requirement for example;	
		Existing members	
		<ul> <li>Member ID 014-62 (Mr. Sujin T.) Plot 1, Joining date 26 May 2018, commit to no use of forced labour and ensure that any use of forced labour on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.</li> </ul>	

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Member ID 021-62 (Mrs. Jirapar M.), Plot 1, Joining date 26
May 2018, commit to no use of forced labour and ensure
that any use of forced labour on the farm by acknowledge
and signed Agreement and Smallholder declaration letter on
20 Mar 2021.

#### Existing members adding new plot planting

- Member ID 017-62 (Mrs. Monta N.), Plot 3, Joining date 26
  May 2018, commit to no use of forced labour and ensure that
  any use of forced labour on the farm by acknowledge and
  signed Agreement on 18 Feb 2019 and Smallholder
  declaration letter on 20 Mar 2021.
- Member ID 018-62 (Mrs. Jittra N.) Plot 2, Joining date 26 May 2018, commit to no use of forced labour and ensure that any use of forced labour on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.

#### New members

Member ID 155-67 (Mr. Luxachai M.) Plot 2., Joining date 26
Oct 2023, commit to no use of forced labour and ensure that
any use of forced labour on the farm by acknowledge and
signed Agreement and Smallholder declaration letter signed
26 Jan 2024.

Member ID 156-67 (Mrs. Pathita A.) Plot 2, Joining date 9 Nov 2023, commit to no use of forced labour and ensure that any use of forced labour on the farm by acknowledge and signed Agreement and Smallholder declaration letter signed 26 Jan 2024.



Milestone A	Smallholders complete training on free and fair labour and implement measures to ensure that all work is voluntary, and the following practices are prohibited:  Retention of identity documents including but not limited to passports;  Payment of recruitment fees by workers;  Contract substitution;  Involuntary overtime;  Lack of freedom of workers to resign;  Penalty for termination of employment;  Debt bondage;	Langsuan Oil Palm Smallholders Community Enterprise has provided training to all members on orientation program for 3 new members and for all members on 31 May 2024 and refresh training program for all members (118 members: 115 existing members and 3 new members) on date 28 Jun 2024 via Annual meeting of Y2023 and 2024 (respectively). The material provided at the training includes Prohibition of Discrimination, Forced Labor and Trafficking, Prohibition of employing minors and prohibition of Using Child labor, Retention of identity documents including but not limited to passports, Payment of recruitment fees by workers, contract substitution, Involuntary overtime, Lack of freedom of workers to resign, Penalty for termination of employment, Debt bondage and With holding of wages.	Complied
Milestone	Withholding of wages  Workers on the farm, including their families, have unrestricted access	All casual workers on the plot, including their families, do not require	Complied
B B	to their identity documents, have freedom of movement and can declare that their employment is freely chosen.	All casual workers on the plot, including their families, do not require a contract agreement. Based on interviews and verification of acknowledgment with two harvester (casual worker) representatives, they confirmed that no forced labor is used. For example, Mr. Nusorn (Harvester) stated that he was given the freedom to provide services to all farmers and could freely choose jobs with other employers	Complied
Criteria 3.	2		
	e not employed or exploited. Work by children is acceptable on family e not exposed to hazardous working conditions.	farms, under adult supervision and when not interfering with education	programmes.
Eligibility	Smallholders are aware of what defines child labour and ensure that any child labour in the farm operations is terminated at Eligibility. Awareness of child labour and commitment to no child labour includes:  1. Compliance with the minimum age of workers and as defined by local, state, or national law,  2. Not exposing children to hazardous work.	Langsuan Oil Palm Smallholders Community Enterprise has a policy regarding the prohibition of Using Child Labore, For LANGSUAN group members not to employ children under 18 years of age.  For children aged less than 15 years, the group not allow to employ. If they work in the field with the aim of helping their parents (family workers), it must be under parental supervision, and not do risky jobs.	Complied



	<ul><li>3. Providing adult supervision of young people working on the farm.</li><li>4. Ensuring the practice of children's rights to education is unrestricted and respected.</li><li>(Refer to appendix 1).</li></ul>	This policy refers to the existing laws and regulations in Thailand, concerning the prohibition of using child labor.  Langsuan Oil Palm Smallholders Community Enterprise has provided training to all members on orientation program for 3 new members and for all members (118 members: 115 existing members and 3 new members) on 28 Jun 2024 via Annual meeting of Y2023 and 2024 to refresh training program (respectively).  From result of interview with sampling 20 members found that they were aware of what defines child labour and ensure that any child labour in the farm operations is terminated at Eligibility and they were awareness of child labour and commitment to no child labour.  All members signed group commitment and declaration to commit to not use child labour since on registered and orientation. The policy is also stated in the member recorded book. Verify the casual worker registered found age was over 18 years old, youngest worker as 26 years 3 months (BD is 5 May 1998, joining team 5 Jan 2021).	
Milestone A	<ul> <li>Group managers and smallholders implement measures to protect children as follows:</li> <li>1. There are no workers on smallholder farms under the age of 15 or under the minimum age defined by local, state or national law, whichever is higher.</li> <li>2. Children are only permitted to help on family farms and are not permitted to perform dangerous, hazardous or heavy work.</li> <li>3. If young workers are employed, their work is not mentally or physically harmful and does not interfere with their schooling, if applicable.</li> </ul>	Langsuan Oil Palm Smallholders Community Enterprise has a policy regarding the prohibition of Child labor, the policy was state at Chapter 1 on Introduction (Scope, Policy) and Chapter 2 on Labor, contractors, employees topic of Sustain manual group issued 8 Sep 2023  1) For Group members not to employ children under 18 years of age. 2) And for children aged 15-17 years, if they work in the field with the aim of helping their parents, it must be under parental supervision, and not do risky jobs such as picking the dropped fruit. Signed declaration to commit to not use child labour from all members available to verified.	Complied
Milestone B	Group managers and smallholders implement measures to protect children as follows:	Based on sampling members to interview such as  • Existing members: Member ID 014-62 (Mr. Sujin T.) and Member ID 021-62 (Mrs. Jirapar M).	Complied



- 1. There are no workers on smallholder farms under the age of 15 or under the minimum age defined by local, state or national law, whichever is higher.
- 2. Children are only permitted to help on family farms and are not permitted to perform dangerous, hazardous or heavy work.
- 3. If young workers are employed, their work is not mentally or physically harmful and does not interfere with their schooling, if applicable.
- Existing members adding new plot planting: Member ID 017-62 (Mrs. Monta N.) and member ID 018-62 (Mrs. Jittra N.)
- New members: Member ID 155-67 (Mr. Luxachai M.) and Member ID 156-67 (Mrs. Pathita A.)
- Casual workers: Mr. Nusorn C. and Mrs. Montha N.

They can implement, demonstrate and there are no practices used child labor on workplace.

The youngest age on the list of LANGSUAN casual workers such as harvester; youngest worker as 26 years 3 months (BD is 5 May 1998, joining team 5 Jan 2021).

#### Criteria 3.3

Workers' pay complies with minimum legal requirements, mandatory industry standards as defined by national law or collective bargaining, whichever takes priority in local regulations.

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Smallholders commit to pay workers according to minimum legal requirements or mandatory industry standards (Refer to appendix 1).

The group was able to show a signed declaration regarding providing workers' wages in accordance with the minimum requirements in applicable laws and the Thai Labor Protection Act BE 2541 announced on 1 Jan 2024, Minimum wage at Chumphon Province is 344 baht/day and Surat Thani Province is 345 baht/day and Nakorn Sri Thammarat province is 342 baht/day

Based on document of Logbook and weighing Billing record in accordance with the type of work they do:

- Harvest work of 600-1000 Baht per ton,
- Transportation to factory is 200-300 Baht per ton.
- Pruning work on average 15-30 baht per tree
- fertilization work of 50 baht per bag
- Spraying work of 150 baht per litter.

Complied

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		Weed control by manual (using machinery) of 450-500 baht/rai or 150 baht/litter (fuel oil)	
Milestone A	Workers receive payments as expected and agreed in accordance with at least the legal minimum wage rate (excluding overtime premiums) and without discrimination against vulnerable groups, including women.	At the time of this audit conducted a document (Record payment / receipt) verification, based on the verification of harvesters' wages/pay record for the period of Aug 2023 to Jul 2024 such as  • Record payment of wages on: 19 Jul 2024	Complied
Milestone B	Workers receive payments as expected and agreed in accordance with at least the legal minimum wage rate (excluding overtime premiums) and without discrimination against vulnerable groups including women.	<ul> <li>On behalf of: Mr. Nusorn C.</li> <li>Plot owner/Farmer: Member ID no. R021-62</li> <li>Type of Work: harvesting</li> <li>Total Weight: 3.010 MT</li> <li>Wages received by workers: 2,709 Baht (900 baht/MT), Exclude transportation) for 2 casual worker (1,104.50 baht/person/day; harvester) and 1 casual worker (500 baht/person/day; picking loose fruit only)</li> <li>The payment of harvest wages is by the verbal contract agreement in harvester's employment and also has not been identified as discrimination against workers both men and women. Based on the harvester's wage payment record above, Farmers provides worker's wages above the Minimum wage.</li> <li>During interviews were conducted with Casual workers members and verified the record that the payment had been made fairly and no discrimination.</li> </ul>	Complied
Criteria 3 Workers un	.4  nderstand their rights and freedom to file a complaint/grievance to group	manager or relevant third parties, including RSPO.	
Eligibility	Smallholders commit to respect the rights of workers to file a complaint/grievance (Refer to appendix 1).	The group member signed a declaration to respect worker's rights to file a complaint/grievance. Verified the sampling member who signed	Complied



a declaration to commit that respect the rights of workers to file a complaint such as members.

#### Existing members

- Member ID 014-62 (Mr. Sujin T.) Plot 1, Joining date 26 May 2018, commit to respect the rights of workers to file a complaint/grievance on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.
- Member ID 021-62 (Mrs. Jirapar M.), Plot 1, Joining date 26
  May 2018, commit to respect the rights of workers to file a
  complaint/grievance on the farm by acknowledge and signed
  Agreement and Smallholder declaration letter on 20 Mar
  2021.

#### Existing members adding new plot planting

- Member ID 017-62 (Mrs. Monta N.), Plot 3, Joining date 26
  May 2018, commit to respect the rights of workers to file a
  complaint/grievance on the farm by acknowledge and signed
  Agreement on 18 Feb 2019 and Smallholder declaration letter
  on 20 Mar 2021.
- Member ID 018-62 (Mrs. Jittra N.) Plot 2, Joining date 26 May 2018, commit to respect the rights of workers to file a complaint/grievance on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.

#### New members

• Member ID 155-67 (Mr. Luxachai M.) Plot 2., Joining date 26 Oct 2023, commit to respect the rights of workers to file a

		complaint/grievance on the farm by acknowledge and signed Agreement and Smallholder declaration letter signed 26 Jan 2024.  Member ID 156-67 (Mrs. Pathita A.) Plot 2, Joining date 9 Nov 2023, commit to respect the rights of workers to file a complaint/grievance on the farm by acknowledge and signed Agreement and Smallholder declaration letter signed 26 Jan 2024.	
Milestone A	Smallholders complete training on workers' rights to file a complaints/grievance and communicate to workers the means to file a complaint/grievance.	Members and some casual workers of LANGSUAN have complete training on workers' rights to file a complaints/grievance and communicate to workers the means to file a complaint/grievance, on 28 Jun 2024 via Annual meeting of Y2023 and 2024 for all members (118 members; 115 Existing members and 3 New members), Presented group manager, Sampled members interviewed and training record reviewed such as  • Existing members: Member ID 014-62 (Mr. Sujin T.) and Member ID 021-62 (Mrs. Jirapar M).  • Existing members adding new plot planting: Member ID 017-62 (Mrs. Monta N.) and member ID 018-62 (Mrs. Jittra N.)  • New members: Member ID 155-67 (Mr. Luxachai M.) and Member ID 156-67 (Mrs. Pathita A.)  Casual workers: Mr. Nusorn C. and Mrs. Montha N.	Complied
Milestone B	Workers are aware of and have access to an effective means for filing a complaint/grievance.	Results from interviews with sampled members and casual workers confirmed that they are aware of the complaints and grievance mechanism. They acknowledged the group's phone number (+66 77 613 688), the Group Line application (Langsuan RSPO Group), and the suggestion/complaints box located at the factory office, which is collected every Monday. They also demonstrated their understanding of the process for compliance and grievance. The farm record book	Complied

### RSPO P&C Public Summary Report Revision 15 (Nov 2023)

		showed no evidence of any disputes or complaints raised by stakeholders, community leaders, government officers, or local communities, despite their awareness of the right to file complaints and grievances regarding the group and its members' activities.  Based on interview with harvester, they said that they have been provided awareness to submit the grievance through suggestion box in the office of LANGSUAN or phone all and Line application directly to Group manager. They also said that until the present, there is no grievance/or complaint need to be submitted.	
Criteria 3. Working co	<b>5</b> nditions and facilities are safe and meet minimum legal requirements.	grievance/or complaint need to be submitted.	
Eligibility	Smallholders commit to providing safe working conditions and facilities (Refer to appendix 1).	The group members signed a declaration to provide safe working conditions and facilities for their workers. The group established Occupational Health and Safety procedures, as stated in the LANGSUAN Manual issued on 8 May 2023. Smallholder members have signed a statement agreeing to provide PPE for their workers. However, all members only employ casual workers, and the PPE is supplied by the workers themselves, with the cost of PPE being included in their wages.	Complied
Milestone A	Smallholders, workers, and family members complete training and aware of health and safety risks associated with farm work, (including that of pesticide use) and how to mitigate them	All members, casual workers, and family members of LANGSUAN have completed training and are aware of the health and safety risks associated with farm work, including pesticide use, and how to mitigate them. The training program for all members was conducted on 10 May 2024, with 104 participants (87 members and 17 casual workers). The training records have been verified, including those for casual workers such as Mr. Nusorn C., Mr. Pinai R., Mrs. Rattanphorn K., and Mr. Vijit J.	Complied
Milestone B	Workers, including smallholder family members, have access to safe working conditions and amenities that include:  • Safe and adequate housing, where applicable,	Workers, including independent small-scale farmers and their family members, have access to safe working conditions and facilities, including:	Complied

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- Access to basic first aid supplies
- Health and safety equipment, including minimum personal protective equipment (PPE) if appropriate for the type of work.
- Adequate drinking water
- Access to toilets

A first aid kit is provided by the orchard owner and the contractor team leader, which is carried in the vehicle every time they enter the orchard. PPE equipment, such as boots, cloth gloves, and safety helmets, is sufficient and appropriate for the type of work being done. The orchard owner covers the cost of this equipment as part of the contract fee, and the casual workers are responsible for preparing it themselves.

Clean drinking water is brought by the workers. If it is insufficient, the team leader can go out and buy more. Additionally, the owner or member provides soft drinks for the casual workers every time they enter the plantation.

There are no restrictions or time limits on toilet use for workers. If they need to use the toilet urgently, they can return to their homes. Since the casual workers are locals and live in their own homes, the plantation owner does not need to provide housing.

Field observations confirmed that the first aid kit provided meets the required standards, with evidence of the provision available. PPE has been prepared by the casual workers themselves and can be demonstrated during the audit.

Based on interviews with sampled members, including:

- Existing members: Member ID 014-62 (Mr. Sujin T.) and Member ID 021-62 (Mrs. Jirapar M.)
- Existing members adding new plots: Member ID 017-62 (Mrs. Monta N.) and Member ID 018-62 (Mrs. Jittra N.)
- New members: Member ID 155-67 (Mr. Luxachai M.) and Member ID 156-67 (Mrs. Pathita A.)
- Casual workers: Mr. Nusorn C. and Mrs. Montha N.

		They demonstrated their health and safety equipment, including the required PPE, as appropriate for their work. Adequate drinking water is arranged by the workers themselves, and if insufficient, they can easily access more without restriction. Members also provide some soft drinks for the workers, and access to toilets is unrestricted.	
Criteria 3	.6		
There is no	o discrimination, harassment, or abuse on the farm.		
Eligibility	Smallholders commit to no discrimination, harassment or abuse on the farm (Refer to appendix 1).	All of the group member signed a declaration to commit to no discrimination, harassment or abuse on the farm. Verified the sampling member who signed a declaration letter such as members.  Existing members	Complied
		<ul> <li>Member ID 014-62 (Mr. Sujin T.) Plot 1, Joining date 26 May 2018, commit to no discrimination, harassment or abuse on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.</li> <li>Member ID 021-62 (Mrs. Jirapar M.), Plot 1, Joining date 26 May 2018, commit to no discrimination, harassment or abuse on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.</li> </ul>	
		Existing members adding new plot planting	
		<ul> <li>Member ID 017-62 (Mrs. Monta N.), Plot 3, Joining date 26 May 2018, commit to no discrimination, harassment or abuse on the farm by acknowledge and signed Agreement on 18 Feb 2019 and Smallholder declaration letter on 20 Mar 2021.</li> <li>Member ID 018-62 (Mrs. Jittra N.) Plot 2, Joining date 26 May 2018, commit to no discrimination, harassment or abuse on the</li> </ul>	

### RSPO P&C Public Summary Report Revision 15 (Nov 2023)

		farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.  New members  • Member ID 155-67 (Mr. Luxachai M.) Plot 2., Joining date 26 Oct 2023, commit to no discrimination, harassment or abuse on the farm by acknowledge and signed Agreement and Smallholder declaration letter signed 26 Jan 2024.  Member ID 156-67 (Mrs. Pathita A.) Plot 2, Joining date 9 Nov 2023, commit to no discrimination, harassment or abuse on the farm by acknowledge and signed Agreement and Smallholder declaration letter signed 26 Jan 2024.	
Milestone A	Smallholders complete training on workplace discrimination, harassment and abuse and are aware of need for a safe workspace.	All of members of Langsuan Group have completed training on workplace discrimination, harassment and abuse and are aware of need for a safe workspace follows training program. The latest training for all members and casual worker representative were conducted on 10 May 2024 and 28 Jun 2024 via annual meeting respectively. Based on sampled members interviewed and training record such as  • Existing members: Member ID 014-62 (Mr. Sujin T.) and Member ID 021-62 (Mrs. Jirapar M).  • Existing members adding new plot planting: Member ID 017-62 (Mrs. Monta N.) and member ID 018-62 (Mrs. Jittra N.)  • New members: Member ID 155-67 (Mr. Luxachai M.) and Member ID 156-67 (Mrs. Pathita A.)  Casual workers: Mr. Nusorn C. and Mrs. Montha N. they wea trained	Complied
Milestone B	Workers freely express that they are working in a place that is free from discrimination, harassment or abuse.	This policy of no discrimination, harassment, or abuse they can freely express that they are working in place on the farm was established and communicate to all members and all casual worker, socialized to	Complied

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all members and workers at the time via annual m Jun 2024. This socialization was attended 118 me members and 3 new member attendance lists at shown during the audit.	nbers (115 existing
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#### Principle 4: Protect, conserve and enhance ecosystems and the environment

Protect the environment, conserve biodiversity, enhance ecosystems and ensure sustainable management of natural resources.

#### Preamble

#### High Conservation Value (HCVs) and High Carbon Stock (HCS) forests

This Independent Smallholder Standard is pursuing the objective of the RSPO Smallholder Strategy to increase smallholder inclusion, prioritise improved practices which also benefit smallholder livelihoods, whilst also upholding the core sustainability requirements. This includes the protection of areas of HCV and HCS forests. The RSPO has developed a simplified HCV methodology for identifying, protecting and managing HCVs that provides guidance for both existing and new planting (see here).

Aligned with the new HCS requirements in the RSPO 2018 P&Cs, the RSPO, in consultation with the HCSA Steering Group, intends to develop a simplified combined HCV-HCS approach to identify and protect HCS forests. The simplified and combined HCV-HCS approach for independent smallholders will be open to public consultation and will be published no later than November 2020.

In the meantime, independent smallholders are not allowed to clear any primary forests or any areas required to protect or enhance HCVs and HCS forests, as committed by signing the Smallholder Declaration. Until the simplified combined HCV-HCS approach and tool for independent smallholders is available, new plantings will only be permitted in low risk areas. The definition and procedure for identification of low risk areas will be defined by a Smallholder No Deforestation Task Force.

#### **Remediation and Compensation Procedure (RaCP)**

Remediation and compensation are required for any clearance since November 2005 without prior HCV assessment (see criterion 4.2) and any clearance since November 2019 without prior HCS assessment.

The requirements as outlined in the RaCP (2015) is not fully applicable for independent smallholders. For independent smallholders, this RSPO ISH Standard is focused on developing an appropriate RaCP mechanism such as on-site remediation (with funding mechanisms to be determined) as this is contextually appropriate to the scale of independent smallholder production and enables independent smallholders to maximise positive environmental impact on-site. The requirement means that quantified liability is disclosed and assessed through a land use change analysis (LUCA) supported by the RSPO Secretariat.

#### Criteria 4.1

High Conservation Values (HCVs) on the smallholder plot or within the managed area and High Carbon Stock (HCS) forests identified after November 2019 using the simplified combined HCV-HCS approach, are managed to ensure that they are maintained and/or enhanced.



Eligibility  Smallholders commit to protect HCVs and HCS forests through the precautionary practices approach (Refer to appendix 1).  During the on-site audit, the group could demonstrate the group member's signature to commit to no new planting or no expansion of No clarification is required from the Langsuan Land Settlement Cooperative Limited (Gen 6) for this LUCA report existing farm in primary forests, HCV areas, HCS forests, in riparian areas, or on steep slope. From Interviewing, the group representative understood HCV areas and HCS forests basic concepts. During the on site audit, the group could demonstrate the group member's signature to commit to no new planting or no expansion of existing farm in primary forests, HCV areas, HCS forests, in riparian areas, or on steep slope. From Interviewing, the group representative understood HCV areas and HCS forests' basic concepts. Existing members  • Member ID 014-62 (Mr. Sujin T.) Plot 1, Joining date 26 May 2018, commit to no use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.  • Member ID 021-62 (Mrs. Jirapar M.), Plot 1, Joining date 26 May 2018, commit to no use of protect HCVs and HCS forests and ensure that any use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.  Existing members adding new plot planting		T		
Member ID 021-62 (Mrs. Jirapar M.), Plot 1, Joining date 26 May 2018, commit to no use of protect HCVs and HCS forests and ensure that any use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.	Eligibility		member's signature to commit to no new planting or no expansion of No clarification is required from the Langsuan Land Settlement Cooperative Limited (Gen 6) for this LUCA report existing farm in primary forests, HCV areas, HCS forests, in riparian areas, or on steep slope. From Interviewing, the group representative understood HCV areas and HCS forests' basic concepts. During the on site audit, the group could demonstrate the group member's signature to commit to no new planting or no expansion of existing farm in primary forests, HCV areas, HCS forests, in riparian areas, or on steep slope. From Interviewing, the group representative understood HCV areas and HCS forests' basic concepts. Existing members  • Member ID 014-62 (Mr. Sujin T.) Plot 1, Joining date 26 May 2018, commit to no use of protect HCVs and HCS forests and ensure that any use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar	Complied
Existing members adding new plot planting			May 2018, commit to no use of protect HCVs and HCS forests and ensure that any use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.	
Member ID 017-62 (Mrs. Monta N.), Plot 3, Joining date 26     May 2018, commit to no use of protect HCVs and HCS			Member ID 017-62 (Mrs. Monta N.), Plot 3, Joining date 26	

		forests and ensure that any use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement on 18 Feb 2019 and Smallholder declaration letter on 20 Mar 2021.  • Member ID 018-62 (Mrs. Jittra N.) Plot 2, Joining date 26 May 2018, commit to no use of protect HCVs and HCS forests and ensure that any use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement and Smallholder declaration letter on 20 Mar 2021.  New members  • Member ID 155-67 (Mr. Luxachai M.) Plot 2., Joining date 26 Oct 2023, commit to no use of protect HCVs and HCS forests and ensure that any use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement and Smallholder declaration letter signed 26 Jan 2024.  • Member ID 156-67 (Mrs. Pathita A.) Plot 2, Joining date 9 Nov 2023, commit to no use of protect HCVs and HCS forests and ensure that any use of protect HCVs and HCS forests and ensure that any use of protect HCVs and HCS forests on the farm by acknowledge and signed Agreement and Smallholder declaration letter signed 26 Jan 2024	
Milestone A	<ul> <li>Smallholders complete training on and are aware of:</li> <li>The importance of maintaining and conserving HCVs and HCS forests</li> <li>Human-wildlife conflict; and</li> </ul>	The group trained on HCVs and HCS practices approach on 26 Jan 2024 for old members and new members trained on 26 Jan 2024. Established the training schedule according to the training plan for the years 2022-2023 and 2023 - 2024. The training content covered the topics listed in the indicator, such as the importance of maintaining	Complied

#### RSPO P&C Public Summary Report Revision 15 (Nov 2023)

• Rare, threatened and endangered species and important ecosystems.

and conserving HCVs and HCS forests, human-wildlife conflict and mitigation efforts, and RTE species and important ecosystems. etc.

Verifying during audit found the content of training material covered all of the topics in the indicator and trained by Group manager , and Mr. Teeraphong (agricultural expert) from Prince of Songkla University, Suratthani Campus) . Verifying the evidence of the training record. The refresh training was conducted on 26 Jan 2024 for all members .For example, It found the training record below:

Farmer Id/Name	Date of training	Topic of training
ID 014-62 (Mr. Sujin T.) existing member	26 Jan 2024	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
ID 021-62 (Mrs. Jirapar M.) existing member	26 Jan 2024	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
ID 017-62 (Mrs. Monta N.), existing member adding new plot planting	26 Jan 2024	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
ID 018-62 (Mrs. Jittra N.) existing member adding new plot planting	26 Jan 2024	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
ID 155-67 (Mr. Luxachai M.) New member	26 Jan 2024	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
ID 156-67 (Mrs. Pathita A.) New member	26 Jan 2024	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species



Milestone B	Smallholders implement precautionary practices and manage and maintain rare, threatened and endangered species, HCVs and HCS forests, where applicable	The group demonstrated a basic understanding of the availability of the primary forest and HCV areas surrounding the certification unit. All of the planted areas after November 2005 by the group members have been developed before the date they joined the group certification. However, the HCV assessment is still being conducted externally it was done by stakeholders, such as community leaders and forestry officials the implemented practices by the smallholders related to HCV, including RTE species are their understand to disallowing capture, harm, hunting, kill the animals within their plots. using simplified HCV assessment guidance and . The last assessment is on 2 February 2024. Referring from the area of Mu Ko Chumphon National Park and Naphaya Forest Park. Based on the HCV assessment report, no RTE or HCV is available within any smallholder's area. The date of land development and first oil palm planting is recorded and made available at the group manager's office.  Based on an interview with the sampling group manager, they have communicated the procedure/mechanism for group members to report any HCV threats. The smallholders have implemented precautionary practices and manage and maintain rare, threatened and endangered species, HCVs and HCS forests as per verified on site.  Interview with the sampled smallholders indicated that they are	Complied
		aware on the importance to maintaining and protecting HCVs such as rivers and the prohibition of hunting animals within their farms.	

#### Criteria 4.2

Where the existing smallholder plot has been planted and cleared after November 2005 or is on an area identified as HCS forests after November 2019 up to the eligibility period, a RaCP process appropriate for smallholders based on Land Use Change Analysis (LUCA) will be applicable (reference preamble).

Eligibility	Smallholders provide information on all smallholder plots converted and planted with oil palm after 2005, through use of the simplified combined HCV- HCS approach for Smallholders (Refer to appendix 1).	The group has a coordinate/map of the farm plot. And last assessment by use of the simplified combined HCV-HCS approach for Smallholders on 2 February 2024 refers to the smallholder management manual of Langsuan Oil Palm Smallholders Community Enterprise group. Langsuan Oil Palm Smallholders Community Enterprise group have members with new planting post 2005. All the new members who were added to the scope have will have to undergo disclosure and LUCA process. As for Langsuan Oil Palm Smallholders Community Enterprise group Smallholder, all members have completed the LUCA stage. For this audit, none of the new members have new planting post 2005. Existing members with new planting post 2005 have completed the HCV disclosure and the LUCA process before they were included into the scope of certification. The last result none of the environmental impact on the member's farm plot. Moreover the lasted Smallholder Land Use Change Analysis for Langsuan Oil Palm Smallholders Community Enterprise group, Thailand completed on 26 January 2024	Complied
Milestone A	Group members develop a plan to identify the maximum area for onsite remediation of HCVs lost since 2005 and HCS forests lost since November 2019, through a participatory process and the plan is submitted to RSPO.	The LUCA assessment resulted by RSPO presented on 02 February 2024 indicated that Langsuan Oil Palm Smallholders Community Enterprise group, Thailand, has result no peat area and no plots planted no steep ,they will not carry out new planting in HCV areas or HCS forests, areas with steep slopes (more than 25 degrees or as stipulated in the National Interpretation), SEIA evaluation date on. 28 Jun 2024 or on peat on the declaration form.  Existing member:  • Member ID: 134-65 (Somchit C.), Joining group on 29 Dec 2021, signed group agreement and the declaration letter on 30 Aug 2021.  • Member ID: 096-64 (Ratchanee U.), Joining group on 20 Oct 2020, signed group agreement and the declaration letter on 19-20 Mar 2021.	Complied



В	HCS forests lost since November 2019 is implemented.	mention on 4.2(MS A). The group decided to cut off their area out of the certified area. Thus, there are none of remediated plan.	Complica
Milestone	An RSPO-approved plan to remediate for HCVs lost since 2005 and	the protection of HCVs and ownership of local communities.  All members have completed the LUCA stage. Refer as above	Complied
		rights of local communities that have been identified. As such, there are no negotiated agreements with the local communities regarding	
		Moreover, the group was surveyed and monitored yearly during the internal audit. There are currently no HCV set-asides with existing	
		Member ID: 158-67 (Kavin S.) Joining group 23 Nov 2023, signed group agreement and the declaration letter on 26 Jan 2024.  Manual the group was a variety of and required was the group and and required was the group was a variety of and required was the group was a variety of and required was the group was a variety of and required was the group was a variety of and required was the group was a variety of and required was the group was a variety of and required was the group was a variety of an analysis.	
		Member ID: 155-67 (Luxachai M.), Joining group on 26 Oct 2023, signed group agreement and the declaration letter on 26 Jan 2024.	
		New member:	
		<ul> <li>Member ID: 080-63 (Walla A.), Joining group on 03 Oct 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.</li> </ul>	
		<ul> <li>Member ID: 067-62 (Prathana C.), Joining group on 18 Feb 2019, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		Existing member with additional plot:	
		<ul> <li>Member ID: 074-63 (Thongchai K.), Joining group on 27 Jun 2020, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	

#### Criteria 4.3

New planting of independent smallholders, since November 2019:

• Do not replace any HCVs



- Do not replace any HCS forests as defined by the simplified combined HCV-HCS approach
- Are not on steep slopes (more than 25 degrees or as in the National Interpretation)

• Are	e not on peat areas of any depth.		
Eligibility	Smallholders provide information on all planned new plantings and commit that no new planting are on HCVs or HCS forests, on steep slopes (more than 25 degrees or as in the National Interpretation) or on peat (Refer to appendix 1).	The group has no plans for new oil palm planting/development of new areas. However, all group members have sign committed that if one day develops a new area, they will not carry out new planting in HCV areas or HCS forest, areas with steep slopes (more than 25 degrees or as stipulated in the National Interpretation), or on peat on the declaration form. Moreover, The group surveyed and monitored yearly during the internal audit.  Smallholder also commit to provide information to group manager among others:  • Location (coordinates) of all plots currently planted with oil palm  • Information on all plots converted and planted with oil palm after  • 2005 (through use of the simplified combined HCV-HCS approach  • for Smallholders)  • Any plots located on steep slopes  • Any plots located in peat soil  • Plan for re planting and expansion	Complied
Milestone A	Before any land preparation commences, group members develop an integrated management plan through a participatory approach to maintain or enhance HCVs as well as HCS forests identified after November 2019, as identified by the simplified combined HCV and HCS approach, before any land preparation commences	Based on data of palm oil planting Langsuan Oil Palm Smallholders Community Enterprise, there is no oil palm planted after November 2019. Mostly smallholder plots have been planted since 2001 – May 2015. This also confirmed with liability disclosure form submitted to RSPO.	Complied

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		During audit based on interview with smallholder members, ICS and Group manager it was confirmed that there is no planned for new plantings for their plantation. All member plantations are existing palm oil plantation. Sample seen for 20 smallholder member commitment, among others. they will not carry out new planting in HCV areas or HCS forests, areas with steep slopes (more than 25 degrees or as stipulated in the National Interpretation), SEIA evaluation date on. Dec 2023 or on peat on the declaration form. Moreover, the group was surveyed and monitored yearly during the internal audit. There are currently no HCV set-asides with existing rights of local communities that have been identified. As such, there are no negotiated agreements with the local communities regarding the protection of HCVs and ownership of local communities.	
Milestone B	Smallholders have an RSPO approved integrated management plan for their planned new planting and share a notice of this plan with those involved in the participatory mapping before any land preparation commences.	Based on data of palm oil planting Langsuan Oil Palm Smallholders Community Enterprise, there is no oil palm planted after November 2019. Mostly smallholder plots have been planted since 2001 – May 2015. This also confirmed with liability disclosure form submit to RSPO. During audit Re_1, based on interview with smallholder members, ICS and Group manager it was confirmed that there is no planned for new plantings for their plantation. All member plantations are existing palm oil plantation. However, the group has establish the NPP management procedure in their manual on page 59 the last audit all group members have sign committed that if one day develops a new area, they will not carry out new planting in HCV areas or HCS forest, areas with steep slopes (more than 25 degrees or as stipulated in the National Interpretation), or on peat on the declaration form. Moreover, The group surveyed and monitored yearly during the internal audit.	Complied

#### Criteria 4.4

Where smallholder plots exist on peat, subsidence and degradation of peat soils is minimised by use of best management practices.

Eligibility	Group manager confirms presence of peat on existing plots within the group and smallholders on peat commit to using best management practices (BMPs), and minimizing subsidence and degradation of peat soils (Refer to appendix 1).	According to soil maps (Land Development Department. ) overlay with smallholder plots of Langsuan Oil Palm Smallholders Community Enterprise group, it was confirmed that there is no peat soil in smallholder plots.  Not Applicable, As mention per 4.4 E, The group have not the presence of peat on existing plots within the group and smallholder	Not Applicable
Milestone A	Smallholders complete training on best management practices (BMPs) for peat. The group has an action plan to minimize risk of fire, to apply BMPs for plantings on peat and manage water systems in the certification unit.	According to LUCA report 2 February 2024 also confirmed that smallholder plots analysed was not in peatland/peat soil on existing plots within the group and smallholder  BMP training has been carried out on 26 Jan 2024 Langsuan Oil Palm Smallholders Community Enterprise group, has conducted the training for in several plots at lowland area, fire mitigation (basic fire) Training conducted on 26 Jan 2024. Training attended by ICS team and head of Langsuan Oil Palm Smallholders Community Enterprise group,. Evidence of training can be shown during audit. During interview with sampled smallholder members, they have aware and understand regarding the best management practices in their plantation.	Not Applicable
Milestone B	Smallholders implement the group's action plan based on BMPs, including fire and water management, and monitoring of subsidence rate for existing planting on peat.	Not Applicable, Reference 1.1 E, Annex 2). According to soil maps overlay and field visit to smallholder member plots, it was confirmed that there is no peat soil in area of Langsuan Oil Palm Smallholders Community Enterprise. has overlay all smallholder plot with soil maps of Land Development Department, Nakhon Si Thammarat. province. According to soil maps overlay indicated that there is no peat soil in area of smallholder plantation. Soil maps available in "Land Development Department" with scale 1:250,000 in year 2023. According to soil maps, soil type in smallholder plantation Langsuan Oil Palm Smallholders Community Enterprise refer Land Development Department.  As mentioned per 4.4 E, The group have not the presence of peat on existing plots within the group and smallholder.	Not Applicable

		During field visit to 20 smallholder sample plots, no peat soil found. Soil type of smallholder plots is sandy clay and several plots with rocky ground.  Identification of peat area has been done by the project coordinator. Not Applicable, as mentioned in 4.4 E, the group does not have the presence of peat on existing plots within the group and smallholders. Identification of peat areas has been done by the project coordinator, and there is no planning for replanting as of the day of the audit.	
Criteria 4	.5		
Plots on pe	eat are replanted only on areas with low risk of flooding or saline intrusio	n as demonstrated by a risk assessment.	
Eligibility	Smallholders commit to provide information on all plans for replanting and commit that replanting will only be in areas with low risk of flooding or saline intrusion (Refer to appendix 1).	All smallholders have signed Smallholder Declaration that commit to provide information on all plans for replanting and commit that replanting will only be in areas with low risk of flooding or saline intrusion. Currently there is no members which has conducted replanting.	Not Applicable
		Existing member:	
		<ul> <li>Member ID: 134-65 (Somchit C.), Joining group on 29 Dec 2021, signed group agreement and the declaration letter on 30 Aug 2021.</li> </ul>	
		<ul> <li>Member ID: 096-64 (Ratchanee U.), Joining group on 20 Oct 2020, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		<ul> <li>Member ID: 074-63 (Thongchai K.), Joining group on 27 Jun 2020, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		Existing member with additional plot:	

		<ul> <li>Member ID: 067-62 (Prathana C.), Joining group on 18 Feb 2019, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		<ul> <li>Member ID: 080-63 (Walla A.), Joining group on 03 Oct 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.</li> </ul>	
		New member:	
		<ul> <li>Member ID: 155-67 (Luxachai M.), Joining group on 26 Oct 2023, signed group agreement and the declaration letter on 26 Jan 2024.</li> </ul>	
		Member ID: 158-67 (Kavin S.) Joining group 23 Nov 2023, signed group agreement and the declaration letter on 26 Jan 2024.	
Milestone A	Smallholders with plots on peat complete training on identification of future risks of flooding or saline intrusion and alternate land development strategies.	The group has establish the NPP management procedure in their manual on page 59 BMP training has been carried out on 26 Jan 2024 Langsuan Oil Palm Smallholders Community Enterprise group, has conducted the training for in several plots at lowland area ,fire mitigation (basic fire), risks of flooding or saline intrusion and alternate land development strategies Training conducted on 26 Jan 2024. Training attended by ICS team and head of Langsuan Oil Palm Smallholders Community Enterprise group. Evidence of training can be shown during audit. During interview with sampled smallholder members, they have aware and understand regarding the best management practices in their plantation.	Not Applicable
Milestone B	Prior to replanting on peat smallholders complete a risk assessment related to flooding or saline intrusion and, where there is high risk,	Langsuan Oil Palm Smallholders Community Enterprise group has no plan for replanting in the near future (in the	Not Applicable
	present a plan that includes alternate land development strategies, referencing alternative livelihood planning.	next 5 years). The oldest age of plantation in year 2004 and will be	
		replanting in 2029/2030. Risk assessment related to flooding includes alternate land development strategies will be conducted before replanting in the lowland area. However The group has establish the	

<b>Criteria 4</b> Fire is not	.6 used on the oil palm plot for preparing land or for pest control, nor open	impacted by flooding management procedure in their manual Repairing drainage systems, managing gardens after flooding, preventing bank erosion, etc  fire for waste management on the farm.	
Eligibility	Smallholders commit to no burning for preparing land or for pest control, nor open fire for waste management. Group manager records evidence of prior burning of members joining the group (Refer to appendix 1).	Based on field visit to smallholder sampled plots, it was confirmed that there is no physical evidence of burning in the field. All smallholder plots have been planted since 2004 – 2005. In the policy stated that there should be no uncontrolled, illegal or irresponsible use of fire for the purpose of land preparation for new and replanting and disease control, waste management and sanitation.  Verifying the group relevant record found none of burning before member joining to the group. Use of fire for waste disposal is also prohibited. Moreover, The zero burning policy was stated in the Langsuan Oil Palm Smallholders Community Enterprise group, manual on page 5/50.  The group member signed a declaration to commit that no burning for preparing land or pest control. Sampling sign declaration below:  Existing member:  • Member ID: 134-65 (Somchit C.), Joining group on 29 Dec 2021, signed group agreement and the declaration letter on 30 Aug 2021.  • Member ID: 096-64 (Ratchanee U.), Joining group on 20 Oct 2020, signed group agreement and the declaration letter on 19-20 Mar 2021.  • Member ID: 074-63 (Thongchai K.), Joining group on 27 Jun 2020, signed group agreement and the declaration letter on 19-20 Mar 2021.	Complied

### RSPO P&C Public Summary Report Revision 15 (Nov 2023)

		Existing member with additional plot:	
		<ul> <li>Member ID: 067-62 (Prathana C.), Joining group on 18 Feb 2019, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		<ul> <li>Member ID: 080-63 (Walla A.), Joining group on 03 Oct 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.</li> </ul>	
		New member:	
		<ul> <li>Member ID: 155-67 (Luxachai M.), Joining group on 26 Oct 2023, signed group agreement and the declaration letter on 26 Jan 2024.</li> </ul>	
		<ul> <li>Member ID: 158-67 (Kavin S.) Joining group 23 Nov 2023, signed group agreement and the declaration letter on 26 Jan 2024.</li> </ul>	
Milestone A	<ul> <li>There is no physical evidence of new burning (after eligibility) for land preparation for oil palm by smallholders. Smallholders complete training on and are aware of:</li> <li>Alternatives to fire for land preparation and farm waste management (where appropriate possible).</li> <li>Alternatives to fire for pest control.</li> <li>Fire prevention and how to respond to and manage fires in their plots.</li> </ul>	Based on field visit to smallholder sampled plots, it was confirmed that there is no physical evidence of burning in the field. All smallholder plots have been planted since 2004 – 2005. Langsuan Oil Palm Smallholders Community Enterprise group has a policy of zero burning as per dated 3 July 2023.  Langsuan Oil Palm Smallholders Community Enterprise group has conducted the training for fire mitigation (basic fire) Training conducted on 26 Jan 2024. Training attended by ICS team and head of Langsuan Oil Palm Smallholders Community Enterprise group. Evidence of training can be shown during audit.  Based on interview with ICS and smallholder member, there is no land preparing by burning on 2004 - 2005. Land preparation conducted mechanically without burning. This also confirmed with smallholder member sampled (20 members) during field visit and	Complied

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		"Langsuan Oil Palm Smallholders Community Enterprise group, manual on page 31/57. dated 8 Sep 2023. Waste from ex chemical container/ex pesticide container are deliver by smallholder member to Langsuan Oil Palm Smallholders Community Enterprise group storage and deliver to licenced hazardous waste storage By SPO Group.	
Milestone B	Smallholders do not use fire or practice burning for land preparation, waste management or pest control on the farm. For pest control, fire may be used only in exceptional circumstances i.e. where no other effective measures exist and with prior approval of relevant authority.	During interview with smallholder member (20 member) confirmed that they have aware regarding the prohibition of use fire or practice burning for land preparation, waste management or pest control on their farm.  During field audit to smallholder plots also confirmed that there is no evidence that smallholder members use fire for land preparation, waste management or pest control on their farm.  All smallholder member Langsuan Oil Palm Smallholders Community Enterprise group has signed the commitment letter which stated in point D.15 that "No burning for preparing land or pest control". Smallholder member manage waste following the Langsuan Oil Palm Smallholders Community Enterprise group manual dated 8 Sep 2024.	Complied
Criteria 4.7 Riparian buffer zones are identified and managed to ensure they are maintained and/or enhanced.			
Eligibility	Group manager identifies riparian buffer zones within the group and smallholders commit to no new planting in riparian zones (Refer to appendix 1).	Group Manager provide river maps overlay with smallholder plots with scale 1:80,000. According to maps there is small canal around Langsuan Oil Palm Smallholders Community Enterprise group, Sample of commitment was seen among others:  Existing member:	Complied

# RSPO P&C Public Summary Report Revision 15 (Nov 2023)

		<del>,</del>	
		<ul> <li>Member ID: 134-65 (Somchit C.), Joining group on 29 Dec 2021, signed group agreement and the declaration letter on 30 Aug 2021.</li> </ul>	
		<ul> <li>Member ID: 096-64 (Ratchanee U.), Joining group on 20 Oct 2020, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		<ul> <li>Member ID: 074-63 (Thongchai K.), Joining group on 27 Jun 2020, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		Existing member with additional plot:	
		<ul> <li>Member ID: 067-62 (Prathana C.), Joining group on 18 Feb 2019, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		<ul> <li>Member ID: 080-63 (Walla A.), Joining group on 03 Oct 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.</li> </ul>	
		New member:	
		<ul> <li>Member ID: 155-67 (Luxachai M.), Joining group on 26 Oct 2023, signed group agreement and the declaration letter on 26 Jan 2024.</li> </ul>	
		Member ID: 158-67 (Kavin S.) Joining group 23 Nov 2023, signed group agreement and the declaration letter on 26 Jan 2024.	
Milestone A	Smallholders complete training on and are aware of riparian buffer zone management, and the group has an action plan to maintain and/or enhance riparian buffer zones.	The group member trained on HCVs and HCS practices and are aware of riparian buffer zone management approach on 25 March 2023 and refresh training 26/Jan/2024.	Complied
		Based on field visit to smallholder there is no river in smallholder plots, only ditches and drainage system. In 2010 to avoid the flood, there was normalization of water flow by making ditches, so that the water flows straight and does not flood the plantation area.	

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		Langsuan Oil Palm Smallholders Community Enterprise group has a manual to maintain riparian buffer zone as per Langsuan Oil Palm Smallholders Community Enterprise group manual dated 8 Sep 2024. According to manual, riparian maintenance are as below: - Prohibited to poisoning fish in the river - Vegetation in riparian buffer zone are maintain to avoid erosion - Prohibit to destroy and cutting the vegetation in riparian buffer zone - Prohibit to conduct herbicide/pesticide spraying activity in riparian buffer zone.	
Milestone B	Smallholders maintain and/or enhance riparian buffer zone areas.	During the on-site assessment. The sampling plots identified the riparian buffer zone. The group has written the procedure to minimize the impacts on the water bodies in the sustainability manual. All group members who have plots closed to the river were informed of the procedure during the annual training. However, all plots visited have never used water from the water bodies for irrigating in their plantation.  The group implements that the actions taken to the conservation program set aside 4 m of the buffer zone along the estate's boundary. There is no application of agrochemicals allowed in the designated buffer zone. During onsite audit ICS, the group was carried out the signage to educate and provide awareness on the prohibited act and activities along the buffer zone has been erected. riparian maintenance are as below:  - Prohibited to poisoning fish in the river  - Vegetation in riparian buffer zone are maintain to avoid	Complied

Criteria 4 Pesticides	<b>I.8</b> are used in ways that do not endanger health of workers, family, commu	·	
Eligibility	Smallholders commit to phase out paraquat and pesticides categorized as WHO Class 1A or 1B and those listed by the Stockholm or Rotterdam Conventions by:  • Immediately stopping purchasing of these pesticides  • Phasing out use of remaining stock by MS A  • Providing information for the group manager to keep record of pesticide purchase and use.  (Refer to appendix 1)	The group member signed a declaration committing to phasing out paraquat and pesticides categorized as WHO Class 1A or 1B and those listed by the Stockholm or Rotterdam Convention by actions required by this indicator and referred to as the BMP. Verify the Declaration document during the ASA3. The audit found a signature member on the declaration form stating that phase-out paraquat and pesticides are categorized as WHO Class 1A or 1B.  During a field visit to smallholder plots and interviews with smallholders, members confirmed that they were aware of stopping purchasing paraquat and no longer using paraquat for weed control. Smallholder members provided a record of pesticide usage and recorded as per "Log Books" on-site found no usage pesticide. ICS Langsuan Oil Palm Smallholders Community Enterprise group all pesticide/herbicide usage by smallholder members and keep the record in the office.	Complied
Milestone A	Smallholders complete training on BMPs for pesticides including pesticide usage, awareness on risks for pregnant and breastfeeding women and young workers; storage and disposal; paraquat and pesticides listed by WHO Class 1A or 1B, the Stockholm or Rotterdam Conventions (and in compliance with 3.5).	All smallholder has attended the training on BMPs for pesticides including pesticide usage, awareness on risks for pregnant and breastfeeding women and young workers; storage and disposal; paraquat and pesticides listed by WHO Class 1A or 1B, the Stockholm or Rotterdam Conventions. Evidence of series training can be demonstrated during audit, sample seen:	Complied

Milestone B	Smallholders implement BMPS for all pesticide use, including prohibiting use of pesticides by pregnant and breastfeeding women and young workers, and exclusion of paraquat and pesticides that are categorized as WHO Class 1A or 1B, or those listed by the Stockholm or Rotterdam Conventions, unless when authorized by relevant authorities for pest outbreaks.	- Training on GAP, HCV Management, Management of Hazardous and Toxic Materials (LD50) and Occupational Accident and Health Training conducted in Langsuan Oil Palm Smallholders Community Enterprise group Office on 26 Jan 2024.  - Refresh Training on GAP, HCV Management, Integrated Pest Management (IPM, and Weed Control conducted at Langsuan Oil Palm Smallholders Community Enterprise group on 26 Jan 2024. Training by Mr. Teeraphong (agricultural expert) from Prince of Songkla University, Suratthani Campus). Verifying the evidence of the training record. The refresh training was conducted on 10 May 2024 for all members by Mr. Teeraphong (agricultural expert) from Prince of Songkla University, Suratthani Campus)  Evidence of training can be shown during audit. Minutes of training and attendance list are available during audit.  The pesticide used was according to the national best practice guidelines. During the onsite audit, the use of pregnant and breastfeeding women and young workers for spraying pests on the smallholder plot was not found. The Langsuan Oil Palm Smallholders Community Enterprise group has established a mechanism to identify pregnant and breast-feeding women, e.g., by implementing regular checks in the organization's clinic. Based on an interview with the spraying workers and the member (sush as member ID 122-64) who use the chemical for injection of the glyphosate for the replanting purpose, there is evidence that pregnant and breastfeeding women are not allowed to handle pesticides. The Langsuan Oil Palm	Complied
		use the chemical for injection of the glyphosate for the replanting purpose, there is evidence that pregnant and breastfeeding women	

		at least once a year. available in Occupation Book as per Medical Sui Promoting Hospital has	Records of Annual al Medical Surveillar veillance Program fo conducted the medic	Medical Surveillance Medical Surveillance are nce Programmed Record or 2023. Langsuan Health cal surveillance. Based on erator affected the cause	
Criteria 4.	.9	l			
	and smallholders manage pests, diseases, weeds and invasive introduction (IPM) techniques.	ced species using appropr	riate techniques, inc	luding but not limited to Ir	ntegrated Pest
Eligibility	Not applicable	Not applicable			Not Applicable
Milestone A	Smallholders complete training on and are aware of BMPs, including, but not limited to safe chemical use, IPM, weed and invasive species management.	The latest training coulincluding the use of IPM 2023 for old members Established the training years 2023 - 2024. The the indicator, such as Eplanning etc.  Verifying during the material covered all of the Mr. Teeraphong (agriuniversity, Suratthani Carecord. The refresh trainincluding including the material covered all of the material c	for group members of and new members of schedule according to training content control, remote audit found the topics in the indicultural expert) from the many of the topics in the indicultural expert) from the many of the topics in the indicultural expert) from the many of the topics in the indicultural expert) from the many of the topics in the indicultural expert).	th management practices, gement practices (BMPs) was conducted on 29 April trained on 5 April 2023. The training plan for the vered the topics listed in costing control and task of the content of training cator and trained by Mrs. The prince of Songkla e evidence of the training on 26 Jan 2024 for old found the record below:	Complied
		; Farmer Id/Name	Date of training	Topic of training	

		1 1	_		
		ID 014-62 (Mr. Sujin T.) existing member	26 Jan 2024	IPM,BMPs and GAPs	
		ID 021-62 (Mrs. Jirapar M.) existing member	26 Jan 2024	IPM,BMPs and GAPs	
		ID 017-62 (Mrs. Monta N.),	26 Jan 2024	IPM,BMPs and GAPs	
		existing member adding new plot planting			
		ID 018-62 (Mrs. Jittra N.) existing member adding new plot planting	26 Jan 2024	IPM,BMPs and GAPs	
		ID 155-67 (Mr. Luxachai M.) New member	26 Jan 2024	IPM,BMPs and GAPs	
		ID 156-67 (Mrs. Pathita A.) New member	26 Jan 2024	IPM,BMPs and GAPs	
Milestone B	The group and smallholders maximize use of IPM approaches to minimize use of pesticides and herbicides on their farm.	confirmed that they have Mexican creeper for na Manager also provide develop the barn owl a conducted weeding using use of pesticides. Grou	re develop beneficial atural enemies of le Barn owl (Tyto all as a natural enemy ng manual or mech p manager and sma	ew to smallholder and ICS, plants (Turnera subulata), af eater caterpillar. Group oa) nest to conserve and of rats. Some smallholder anical method to minimize allholders maximize use of des and herbicides on their	Complied

		Type of pest and disease in plantation consist of:  - Catterpilar  - Oryctes rhinoceros  - Rats  Hierarchy of control to prevent and mitigate the pest and disease attack using method:  - Physical control found in "Rat traps were found being used in the field. Smallholders 034-62  - Biological control Smallholders 034-62 Barn owl houses have been applied field 1  - Chemical control: Smallholders 034-62 use Pheromones are being used to control rhinoceros beetles.	
Internal C	Control System requirements for smallholder groups.		
A – ICS: 6	Group entity and group management requirements		
A.1 The G	roup demonstrates that they are legally formed.		
A.1.1			
Eligibility	The Group has appointed a group manager	Ms.Pailin Konpech has been appointed as the Group manager of the	Complied
Milestone A	The Group has appointed a group manager	Langsuan Oil Palm Smallholders Community Enterprise. She was continued appointed as Group manager as specified in Announcement of the appointment of the Group manager and committee on 04 Apr	Complied
Milestone B	The Group has appointed a group manager	2024.  The Group manager is the individual. The meeting for consideration of the appointment of The Group manager was made available to the group members on 27 Jan 2024 via annual group meeting. All members were acknowledgement and approved Group manager including Group committee.	Complied
A.1.2		,	



Eligibility	The group manager has evidence of legal identity.	Langsuan Oil Palm Smallholders Community Enterprise is a registered	Complied
Milestone A	The group manager has evidence of legal identity.	organization according to the Community Enterprise Promotion Act, B.E.2548 (2005) that latest registered with Lungsuan District Agriculture office of Year 2024 valid till 31 Dec 2024. The registration	Complied
Milestone B	The group manager has evidence of legal identity.	number is 8-86-04-10/1-0010. As required by Thai laws, the group has to re-register with Lungsuan District Agriculture Office, Chumporn Province. The certificate of registration is kept by Group manager at the office.	Complied
A1.3			
Eligibility	The group has membership requirements.	The group has defined membership requirements in a "Internal Control	Complied
Milestone A	The group has membership requirements.	System Manual" issued on 08 Sep 2023 which includes procedures and relevant forms. It covers all activities for the management of the group members.  The procedure for new member registration is stated in the manual under Topic Member Registration procedure, sub-topic 'Member qualification' in page 4, which includes the details of member qualifications as follows:	Complied
Milestone B	The group has membership requirements.		Complied
		1. There is land ownership in Lang Suan District, Lamae District, Phato District, Thung Tako District (Chumphon Province), Tha Chana District (Surat Thani Province).	
		2. Have palm oil cultivation areas not exceeding 312.5 Rai (50 ha).	
		<ul><li>3. The title deed can be verified and the land ownership information can be disclosed to the group.</li><li>4. The plantation area must have a valid title deed and not encroach on primary forests, reserved forests, restricted forests, and indigenous areas.</li></ul>	
The implementation for registration has been verified review of the personal files of each member, including	The implementation for registration has been verified based on a review of the personal files of each member, including the membership application, declaration to implement sustainability standards, ID card,		

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		and land rights document. The Group manager or group committee evaluates the readiness of new applicants according to the Smallholder Evaluation Form (Gap Analysis) through interviews and documentary evidence, recording information accordingly. Subsequently, the group will organize orientation provides knowledge and understanding about RSPO standards, internal control systems. Furthermore, smallholders must sign the Agreement for Sustainable Palm Oil Smallholders and Acknowledge the smallholder declaration letter.  Based on document review, all existing and new members were evaluated against the membership requirements.	
A.1.4			
Eligibility	All members have signed and acknowledged membership requirements.	All members of group who joined the Langsuan Oil Palm Smallholders Community Enterprise signed the Application letter of membership and	Complied
Milestone A	All members can demonstrate understanding of membership requirements.	Acknowledge the smallholder declaration letter (see criteria 1.3). In addition, they also fulfil the membership requirement as described in indicator A.1.3.	Complied
Milestone B	All members can demonstrate understanding of membership requirements.	Based on interviews with sampled members and sampling records signed and acknowledged, it was found that they can demonstrate understanding of membership requirements such as;	Complied
		Existing member:	
		<ul> <li>Member ID: 134-65 (Somchit C.), Joining group on 29 Dec 2021, signed group agreement and the declaration letter on 30 Aug 2021.</li> </ul>	
		<ul> <li>Member ID: 011-62 (Wanna T.), Joining group on 18 Feb 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.</li> </ul>	
		<ul> <li>Member ID: 074-63 (Thongchai K.), Joining group on 27 Jun 2020, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	



	T		
		Existing member with additional plot:	
		<ul> <li>Member ID: 067-62 (Prathana C.), Joining group on 18 Feb 2019, signed group agreement and the declaration letter on 19- 20 Mar 2021.</li> </ul>	
		<ul> <li>Member ID: 080-63 (Walla A.), Joining group on 03 Oct 2019, signed group agreement and the declaration letter on 19-20 Mar 2021.</li> </ul>	
		New member:	
		<ul> <li>Member ID: 155-67 (Luxachai M.), Joining group on 26 Oct 2023, signed group agreement and the declaration letter on 26 Jan 2024.</li> </ul>	
		Member ID: 158-67 (Kavin S.) Joining group 23 Nov 2023, signed group agreement and the declaration letter on 26 Jan 2024.	
A.2 The G	roup Manager is responsible for managing the Group for certific	cation.	
A.2.1			
Eligibility	The group manager has planned for the implementation of the ICS.	The group manager has established plan for the implementation of ICS on the form "Action plan for development and budget for 2022-2023", which contains activities, duration for activities, budget and responsible personnel. Some of the action plan such as;	Complied
		Recruiting new members.	
		Preliminary survey of group member plots.	
		Trainings related with RSPO.	
		Internal and External Audit	
		Annual group meeting.	
		Implementation of the action plan and procedure has been verified during audit and can be demonstrated by group manager.	



Milestone A	The group manager can demonstrate compliance of the ICS by individual members.	The Group manager has implemented an ICS plan for each member across various activities. Based on document reviewed and interviewed	Complied
Milestone B	The group manager can demonstrate compliance of the ICS by individual members.	of sample members found that group members have complied with the specified membership recruitment procedures and received a preliminary evaluation and receive training courses as planned.	Complied
	Furthermore, the internal audit for the year 2024 of group member was conducted following the procedure. There was a total of 3 internal auditors appointed by the Group Chairman, and the internal audit was conducted for all members in 14 Jun 2023 – 30 May 2024 Found N NC		
		Based on interviews with sampled group members, it was found that the ICS plan has been implemented in various activities as planned, including conducting internal audits, group meetings, and training courses.	
A.2.2			
Eligibility	The group manager demonstrates understanding of the ISH Standard, group certification and related topics and has sufficient resources to manage the group.	The Group manager was able to demonstrate good understanding of the RSPO ISH Standard. She has attended the various training courses related to RSPO ISH standard e.g., training on RSPO ISH standard, training on RSPO ISH standard training by RSPO Thailand and Internal Audit for ICS on 30 July 2021, GAP/BMP and garden management by Mr.Teerapong Channiyom from Oil Palm and Palm Oil Research and Innovation Institution on 10 May 2024.	Complied
		The Group manager can effectively allocate resources to manage the group. Existing resources are utilized according to the organizational structure of the group, guided by the direction of the Group manager. This includes the latest appointment of the group committee on 04 Apr 2024, which consists of 16 Group committees.	

Milestone A	The group manager can demonstrate capacity to manage and operate group certification and certification requirements.	Based on interview with Group manager confirmed that she has sufficient understanding on RSPO ISH standard for independent	Complied
Milestone B	The group manager can demonstrate capacity to manage and operate group certification and certification requirements.	smallholder and related topics to RSPO ISH standard. she used his knowledge from several training courses related to RSPO ISH standards and palm oil production to teach the group members. The Group manager can explain the procedures for implement RSPO ISH standard e.g. process for recruiting group members, process of training, process of internal audit, etc.	Complied
		Furthermore, the Group manager plays an important role in supporting ICS implementation by providing advice, resolving issues related to its implementation, and ensuring compliance with group regulations.	
A.2.3			
Eligibility	A group annual training plan is available covering the RSPO Independent Smallholder Standard, group management (which includes group objectives, structure, relevant procedures and the certification process) and other topics as outlined in the ISH Standard.	The group's annual training plan for 2024-2025 was conducted and the latest version was approved by Group manager on 07 Jun 2024, which includes activities and implementation time targets.  The plan has been discussed with the group committee, after which it was communicated to group members. Sample programs included in the plan are as follows:  RSPO ISH standard  ICS  Price mechanism  GAP/BMP/ IPM/ Garden management  FPIC  Recording of production costs  OHS training  Compliant management	Complied

Milestone A	The group manager implements a phased approach to ensure members have progressively attended training on the ISH Standard, group management and other topics as outlined in the ISH Standard according to the group annual training plan.	The Group manager provided training to the group members according to the established training plan. The training attended by the members was recorded in attendance sheets, and the training documents were communicated and distributed to the members, and kept in their document folders.  Based on document verification and interviewed sampled members found that all member and labor attended important training courses as following;	Complied
		Training courses Date No. of Participants	
		1) Training for knowledge of RSPO for group member by Mr.Teerapong C. from Oil Palm and Palm Oil Research and Innovation Institution  - GAP/BMP  - Soil sampling for analysis, Fertilizer application according to elemental symptoms  - IPM  - Good management of peatland areas  - OHS  - Legal	
		2) Training on Safety, Law and Regulation for group member and casual workers	
		3) Training on group management, RSPO standard, ICS, garden management, financial management, oil palm production recording, environment and social for existing and new members by Group manager.  28 Jun 2024 118	

# RSPO P&C Public Summary Report Revision 15 (Nov 2023)

		Based on the interview and document review, the Group Manager has ensured that all members attend the training as scheduled. In case a member cannot attend the training, follow-up training and training materials are shared with the group member via the Line application or provided in hardcopy by the group committees during their visits to the member's area.	
Milestone B	All members attended training and can demonstrate understanding of the ISH Standard, group management and certification requirements including awareness on BMPs, HCV, environmental protection, social welfare of workers and business operations.	Based on document verification and interviewed with the sampled smallholder show that group members had attended the training courses as planned and demonstrated their understanding knowledge from the training courses as mentioned in A.2.3 MS A	Complied
B – ICS: P	olicies and management		
B.1 The gi	roup Internal Control System contains documented policies and	procedures for operational management.	
B.1.1			
Eligibility	A group Internal Control System is available for operational management including procedures of expulsion and sanctions for members who fail to comply, and a procedure to conduct internal audits	A group ICS is available for operational management including procedures of expulsion and sanctions for members who fail to comply, which are specified in "Internal Control System Manual" issued on 08 Sep 2023, Topic Punishments Regulation on page 10 and the procedure for conduct internal audit in Topic Internal Audit of RSPO standard on page 12-15.	Complied
		Detail of the procedures define that;	
		<ul> <li>Internal audit consists of 1) internal audits for group management and 2) internal audits for group members.</li> <li>Internal audit for group management specify that there will be conducted at least once a year by internal auditor or 2<sup>nd</sup> party</li> </ul>	

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		<ul> <li>auditor who was approved by group and that assessment and non-conformity shall be completed before the certification body's audit. Internal audit for group members specify that there will be conducted at least once a year by internal auditor who is appointed from group.</li> <li>The process of internal auditing includes the preparation for audit plan, appoint internal auditors, audit preparation, conducting the audit, audit results summary, control of nonconformity and Internal Audit reporting.</li> <li>For the sanction process, it has been identified that members who are found to be non-compliant with the requirements must face consequences. Punishments will be imposed based on the severity of the non-compliance, ranging from verbal warning, letter warning and then withdrawal from group membership, which will be considered as the final step.</li> </ul>	
Milestone A	The ICS is implemented and an internal audit is conducted for at least half of the group members and all audit findings are closed	The group is audit for MS-B certification. Please refer to MS-B information.	Complied
Milestone B	The ICS is implemented and an annual internal audit of the group is conducted for all group members and all audit findings are resolved.	The group has shown the implementation of internal audit for 2023-2024.  An internal audit in Eligibility, Mile Stone A and Mile Stone B Stage were conducted from 09 Oct 2023 – 09 Nov 2024 for existing member and 6-7 Jun 2024 for existing member with additional plot and new member. Additionally, an internal audit for group management was conducted on 5 Jul 2024.  Data verified of internal audit 2023-2024 implementation as following;  • According to the sampling method for internal audits, 100% of group members were audit as detailed in the "Internal Control System Manual" on page 12-15. Document review revealed that the internal audit plans were considered and planned for all	Complied





Milestone B	Basic information, farm information, production data, legal documentation of group members and signed Smallholder Declarations	observation, it was confirmed that all members have signed and acknowledged the membership requirements.	Complied
	are available to the group manager	All members need to sign in several documents and submitted attach documents as follows:  • Membership application.  • Power of attorney (if any)  • Plot location of member.  • The land ownerships evidence such as a land deed.  • Group member regulation and declaration letter for sustainable palm oil smallholders.	
		For FFB production data, group members record their information using forms provided by the group. This information is then collected and verified by the group committee every three months.	
		<ul> <li>Example of a group member data as;</li> <li>Member ID: 134-65 (Somchit C.) Plot 3, Joining group on 29 Dec 2021, Signed agreement and Smallholder Declaration letter on 30 Apr 2022, hold SorPorKor no.1832 covering the production area of 3.6 ha.</li> <li>Member ID: 158-67 (Kavin S.) Plot 1, Joining group on 23 Nov 2023, Signed agreement and Smallholder Declaration letter on 26 Jan 2024, hold Title deed no. 3114 covering the production area of 1.7 ha.</li> <li>Member ID: 067-62 (Prathana C.) Plot 5, Joining group 18 Feb 2019, Signed agreement and Smallholder Declaration letter on 19-20 Mar 2021, hold SorPorKor no. 1847 covering the production area of 3.17 ha.</li> </ul>	

C – ICS: Group Business planning

C.1 The group has a Business Plan prepared with the participation and contributions of all group members

C.1.1			
Eligibility	An annual group business plan is available, which includes  • Production and income forecasting based on historical records  • Plans for expansion	The annual group business plan for Langsuan Oil Palm Smallholders Community Enterprise Group was shown through annual budgets projected from 2022 to 2024. Among the elements covered in the budget are:  • FFB forecast.  • Production cost.  • Expansion plan.  • Certification costs  • Training cost  • Improvement cost  The above expenses will be absorbed by Mr. Sonthaya sirianantaput. CEO of S.P.O agroindustry Co Ltd. Date 06.08.2023	Complied
Milestone A	The group business plan is implemented and reviewed at least annually.		Complied



Milestone B	The group demonstrates financial stability and growth, and is able to support itself financially.	Langsuan Oil Palm Smallholders Community Enterprise Group has an Internal Inspection Unit which functions to oversee the operational and financial activities of the association. Langsuan Oil Palm Smallholders Community Enterprise Group has prepared procedures for controlling financial expenses (Document Manuals of Langsuan Oil Palm Smallholders Community Enterprise Group Page 8 date 08.09.2023). The procedure regulates the spending expenses including the implementation of internal financial audits. Based on the latest financial report 2022-2023 on 15.08.2023, the financial condition of Langsuan Oil Palm Smallholders Community Enterprise Group is presented fairly.	Complied
C.2 The I	CS of the group is integrated with the group's management plan	1.	
C.2.1			
Eligibility	<ul> <li>A group management plan is available which includes:</li> <li>Training/capacity building plans to improve productivity of group members.</li> <li>An approach to strengthen links within the supply chain.</li> <li>Plan for continuous improvement projects (i.e. on waste, soil, etc.), if any.</li> </ul>	The group management plan is incorporated in the ICS Management Plan [Langsuan Oil Palm Smallholders Community Enterprise Group ] which includes the following:  1) Management and Organization Structure  2) Membership details and requirements  3) Compliance with the RSPO Independent Smallholder Certification Standard including prepared the relevant training program to improve productivity of group members, as in "prepared the relevant training program to improve productivity of group members, as in "Timeline Langsuan Oil Palm Smallholders Community Enterprise Group 2022-2023" including best management practices, OHS, ERP, Basic Fire, capacity building on record keeping for production, including inputs and yields, transactions, and variety 2022-2023" including best management practices, OHS, ERP, Basic Fire, capacity building on record keeping for production, including inputs and yields, transactions, and variety	Complied

		4) Commitment to transparency 5) Use of appropriate best practices by ISH member 6) Trading of RSPO certified fresh fruit bunches by the group and palm trace management. Based on minutes of Annual Meeting 2023, it was prepared budget for development for Board and Smallholder Member of Langsuan Oil Palm Smallholders Community Enterprise Group. The group manager will manage the implementation of the plan and ensure the smallholder.	
Milestone A	The group management plan is implemented and reviewed at least annually.	The annual business plan has been implemented and reported in the Annual Report. The Annual Report was presented at the Annual Member Meeting, held on 28 June 2024. This meeting was open to all members and casual workers. The purpose of the meeting was to discuss operational activities and the financial report, and to accept and ratify the financial report as part of transparent decision-making and governance. The meeting and report included descriptions and reviews of each program.	Complied
Milestone B	The group manager demonstrates the group's compliance with this ISH Standard.	The Group Manager has demonstrated compliance with the ISH standard by adhering to legal requirements, the annual business plan, the annual work program, and the annual review. Records of smallholder activities, including production, fertilizer input, upkeep, IPM, and financial reports, have been maintained. Additionally, an ICS team has been formed to monitor the implementation of the standard.	Complied

		Internal audits are conducted annually, covering all member. All nonconformities identified during internal and external audits (CB) have been followed up and resolved.	
D - ICS: (	Group trading system for certified volumes		
D.1 The g	roup has a procedure and system in place for the tracking of FFI	В.	
D.1.1			
Eligibility	Record sheets to track the annual production and sales of certified volumes, covering traceability of producers and/or traders are available.	The annual production data of Langsuan Oil Palm Smallholders Community Enterprise is monitored and recorded in the "Production Data Recapitulation". Sales of FFB are carried out by each farmer/smallholder group and farmer/smallholder members both to traders (FFB collectors), loading ramps and other FFB buyers.	Complied
		Documents are recapitulated by the Group Manager, Group Chairman of the Langsuan Oil Palm Smallholders Community Enterprise and ICS. Production records are carried out per parcel/plots.	
		Langsuan Oil Palm Smallholders Community Enterprise has developed the procedure of traceability as per SOP of Group Sustainable manual Rev. 8 Sep 2023. Certified product (FFB) was sold physically to SPO Agro Industry Co., Ltd. Meanwhile the FFB was sold as uncertified to traders (FFB collectors), loading ramps and other FFB buyers claimed as credit in Palmtrace.	
		Evidence of recording of FFB sales is available in the Recapitulation of Farmers Production document; This document states the amount of FFB production per farmer plot and the purpose for selling the FFB of the farmers. FFB produced by smallholder members are recorded by each member including FFB net weight, name of smallholder member, ID number, year planted, area, price, and buyer for example record from Sep 2023 to Aug 2024. for example, the weighing bill of Member ID . 122-64 (Suchart J.), was issued on 30 July 2024, net FFB volume 1,830 kg. Price 6.20 Baht/kg., add 0.20 Baht/kg. from normal price.	

# RSPO P&C Public Summary Report Revision 15 (Nov 2023)

Milestone A	Group manager maintains annual production records and sales of certified volumes.	The group manager maintains the annual production and sales of certified volumes, covering traceability of all group members in an excel file.	Complied
		A group member has to report sales and/or harvested FFB volume to the group manager every three months, both for certified and none certified RSPO. RSPO-certified volumes can be traced using the PalmTrace system via the book & claim module, as defined in the sustainable manual of FFB purchase of RSPO group members.	
		The group has established the procedures and a system in place for tracking FFB. Ms. Pailin Konpech (Group Manager) has been appointed and responsible for selling the physical and credit. The group manager has compared FFB volume from the previous year with every 3 months and keeps the result to estimate FFB in the next cycle.	
Milestone B	Group Manager maintains annual production records and sales of certified volumes of all FFB sources.	Group manager maintains the annual production and sales of certified volumes, covering traceability of all group members in excel file. Group member has report sale and/or harvested FFB volume to group manager every three months both of sale for certified and none certified RSPO	Complied
		Ms. Pailin Konpech (Group Manager) has received appropriate training regarding trading in the PalmTrace system from RSPO organization and was appointed by the group committee on January 7, 2019, and review by the member from the latest annual meeting on 28 june 2024 . She has been appointed and responsible to sell the Physical and credit . The group has established the procedures and a system in place for tracking FFB.	
		FFB produce by smallholder member are recording in member's logbook by each member and separated sold as certified or non-certified and then the group manager will be reviewed correct data.	

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		The data defined to record as FFB net weight, name of smallholder member, ID number, year planted, area, price and buyer name.  From verified the record and traceability from 1 September 2023 to 31 July 2024 found the Langsuan Oil Palm Smallholders Community Enterprise Group was sold as 90.33% of Physical and 9.67 % of Credit ( see the details as section 1)	
D.2 The g	roup documents and implements a system for the tracking of FF	В	
D.2.1			
Eligibility	Not Applicable	Not Applicable	Not Applicable
Milestone A	The group manager maintains annual production data and sales of certified volumes through Book and Claim for the group based on actual receipts for and sales by all members	Group manager maintains the annual production and sales of certified volumes, covering traceability of all group members in excel file. Group member has report sale and/or harvested FFB volume to group manager every three months both of sale for certified and noncertified RSPO.  Sales of certified volumes conducted through Book and Claim for the group based on the actual volume quote in Palm Trace Account of Langsuan Oil Palm Smallholders Community Enterprise  Certified product (FFB) was sold by Physical .P.O. Agro-Industries Co., Ltd. meanwhile the FFB was sold as uncertified to traders (FFB collectors), loading ramps and other FFB buyers claim as credit in Palmtrace. Documents are recapitulated by the Group Manager, Group Chairman of the group and ICS. Production records are carried out per parcel/plots.  Record of FFB Production for period 1 Sep 2023 to 31 July 2024 follows section 1.	Non- compliance

		However From the verification s annual production data and sales of certified volumes for the group based on actual receipts for and sales by all members not found the FFB record verification for member ID 032-62, Plot 2, with a total area of 3.20 hectares, which was canceled on October 16, 2023, was not found. Additionally, it was discovered that member number 134-65, Mr. Somchit Chantaramanee, has been selling under the name of another member's plot refer Major NC No. 2538704-202408-M1	
Milestone B	The group manager maintains annual production data and sales of certified volumes through physical or Book and Claim for the group based on actual receipts and sales for all members and 100% all certified volumes.	Group manager maintains the annual production and sales of certified volumes, covering traceability of all group members in excel file. Group member has report sale and/or harvested FFB volume to group manager every three months both of sale for certified and noncertified RSPO.  For RSPO certified can trace from PalmTrace system by book & claim IP module. All of group members are aware of their sold the book and claim method with group manager has informed during meeting every time. This Langsuan Oil Palm Smallholders Community Enterprise had scope of Certificate as Production of FFB from Independent Smallholders under RSPO Independent Smallholder's Standard (RISS); Certification Phase of the Group Members: Milestone B Phase, 100% of FFB can be sold as RSPO Credits CSPO, CSPKO or CSPKE Credits through the RSPO IT platform and trading system; or 100% of FFB can be sold through a combination of physical supply chains and as RSPO Credits.  From verifying the record and traceability from 1 sep 2023 to 31 July 2024 found the Langsuan Oil Palm Smallholders Community Enterprise was sold as 90.33% and 9.67% of Physical and credit respectively (see the details as section 1).	Complied
D.3 The gi	roup has a procedure and system for premium distribution.		

D.3.1					
Eligibility	The group and group manager have agreed on how the premiums should be used and the agreement is recorded and communicated to the group members. Prices, premiums, and timing of premium payment are clearly communicated and transparent to all group members. Premiums disbursed to members at all stages are recorded and the premiums are paid in a timely and convenient manner.	The Group Manager informed during the group meeting on 28 June 2024 that all certified members and certified oil palm plots and selling directly to the mill, therefore, received premium prices for certified product sales.  Decision-making and governance were conducted fairly and transparently, as outlined in the LANGSUAN Group sustainability manual issued on 8 September 2023, specifically on page 6 (Chapter 1: Introduction). The group referenced the latest agreement and acknowledgment from all members on 28 June 2024 during the annual meeting for Y2023 and Y2024. Additionally, the group referenced the latest memo agreement between the Group Manager and S.P.O. Agro-Industries Co., Ltd. on 1 November 2023. The group agreed to supply FFB/IP from all certified members, total 9,295.94 MT, for the period from 5 January 2024 to 4 December 2024. All certified FFB deliveries to the mill would receive a premium increase of 200 baht per ton (0.20 baht/kg) when members deliver the Physical directly to the mill.  S.P.O. Agro-Industries Co., Ltd. supports all members by purchasing certified products from the group members at a premium price. Payment is made by the factory directly to the members who deliver FFB to the factory at a rate of 0.20 baht/kg, which is paid promptly upon delivery either directly to the mill or collected by SPO.	Complied		
Milestone A	The disbursement of premiums, including price and timing of the disbursement to group members is clearly recorded.	Group manager and members have agreed on how the premiums should be used and the agreement is recorded Langsuan Oil Palm Smallholders Community Enterprise sustainability manual issued 8 Sep			
Milestone B	The disbursement of premiums, including price and timing of the disbursement to group members is clearly recorded.	Smallholders Community Enterprise sustainability manual issued 8 Sep 2023 manual, indicated on specifically on page 6 (Chapter 1: Introduction), and the latest agreement on 1 Nov 2023, with the factory (S.P.O. AGRO-INDUSTRIES CO.,LTD. – Langsuan POM /Mr. Sonthaya S.) to purchase certified products from members of the group in premium price, that payment is made by the factory and is	Complied		

#### RSPO P&C Public Summary Report Revision 15 (Nov 2023)

paid directly to the member who brings the FFB to the factor by time to time 0.20 baht/ Kg. The premium sharing term and mechanism also has been communicated on 28 Jun 2024 during annual meeting that attended by 118 members (115 existing members and 3 new members).

During field observation, it was confirmed and verified to 20 smallholder that become samples in this audit, that they know, understand and has received what they called "Palm RSPO". Realization of payment has been reviewed for Credit transaction in 1 Sep 2023 to 31 Jul 2024 and its disbursement to all members.

#### For example

- 1) premium 0.20 BHT/MT paid in annual meeting member name
  - Member ID 017-62 (Mrs. Monta N.), FFB = 86,000 Kgs; Premiums disbursed = 17,200 bath
  - Member ID 018-62 (Mrs. Jittra N.), FFB = 44,285 Kgs; Premiums disbursed = 8,857 bath

All existing members were received directly when delivery directly to mill.



#### **Appendix B: GHG Reporting Executive Summary**

The GHG emissions that were produced in **[year]** for **[mill]** and supply base was calculated using the PalmGHG Calculator version 3.0.1. The assessment team had verified the data input in the PalmGHG Calculator against operations records. PalmGHG Calculation Options selected 'Full version' and 'Exclude LUC Emission' calculation option is not applied. The records verified includes:

- i. Estates area planted data
- ii. Fuel consumed
- iii. Mill datas include CPO produced, PKO Produced and FFB Processed
- iv. Fertilizer consumed data for both estates and smallholders.

The summary of the Net GHG emitted in [YEAR] for [MILL] and supply base are as following:

Emission per product	tCO₂e/tProduct
СРО	N/A
РКО	N/A

Extraction	%
OER	N/A
KER	N/A

Production	t/yr
FFB Process	N/A
CPO Produced	N/A
PKO Produced	N/A

Land Use	На
OP Planted Area	N/A
OP Planted on peat	N/A
Conservation (forested)	N/A
Conservation (non-forested)	N/A
Total	N/A

#### **Summary of Field Emission and Sink**

	Own Crop*		Group		3 <sup>rd</sup> Party		Total	
	tCO₂e	tCO₂e / FFB	tCO <sub>2</sub> e	tCO₂e / FFB	tCO <sub>2</sub> e	tCO₂e / FFB	tCO₂e	tCO₂e / FFB
Emission								
Land Conversion	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CO <sub>2</sub> Emission from fertilizer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NO <sub>2</sub> Emission	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fuel Consumption	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Peat Oxidation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sink								
Crop Sequestration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Conservation Sequestration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Note: Includes both estates and smallholders



#### **Summary of Mill Emission and Credit**

	tCO <sub>2</sub> e	tCO₂e/tFFB
Emission	·	
POME	N/A	N/A
Fuel Consumption	N/A	N/A
Grid Electricity Utilization	N/A	N/A
Credit	•	
Export of Grid Electricity	N/A	N/A
Sales of PKS	N/A	N/A
Sales of EFB	N/A	N/A
Total	N/A	N/A

#### **Summary of Kernel Crusher Emission and Credit (if applicable)**

Emissions	tCO₂e			
PK from own mill	N/A			
PK from other source	N/A			
Fuel Consumptions	N/A			
Total Crusher emissions	N/A			

<sup>\*</sup>This mill has no kernel crusher operation.

Palm Oil Mill Effluent (POME) Treatment:				
Divert to Compost (%) N/A				
Divert to anaerobic diversion (%)				

POME Diverted to Anaerobic Digestion:					
Divert to anaerobic pond (%)	N/A				
Divert to methane captured (flaring) (%)	N/A				
Divert to methane captured (energy generation) (%)	N/A				



**Appendix C: Location Map of Certification Unit and Supply bases** 

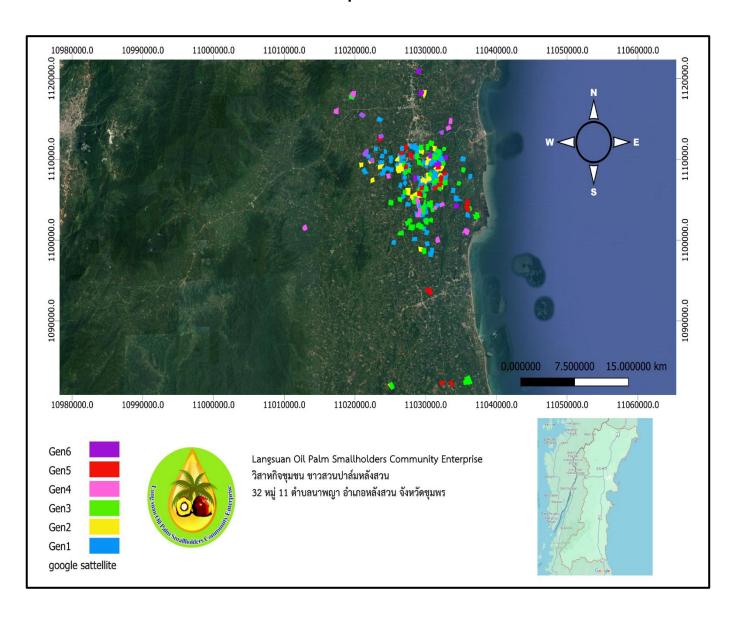
Not Applicable



#### **Appendix D: Estate Field Map**

# Geographical map of member's plots owned by group members of Sustainable Palm Oil Production (Langsuan Oil Palm Smallholders Community Enterprise)

#### at Chumporn Province





#### Appendix E: List of Smallholder Registered and/or sampled

Sampling Group	<b>Current Certification</b>	Scope Extension	Other:
Risk Factor Applied	1.2 (medium risk)	2.0 (high risk)	N/A
Justification of Risk Factor Applied	The ISH certification Phase Milestone B	The ISH certification Phase Milestone B	
Number of samples	13 of 115 existing members	<ul><li> 3 of 3 new members</li><li> 4 of 4 existing members with additional plots</li></ul>	
Remarks	None.	None.	

#### **Note** \*= are smallholders sampled in this audit.

				GPS Re	GPS Reference		ımmary la)	Forecast ed		
<b>N</b> 0	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	annual FFB Producti on (MT)	Date of joining	Smallhol der ID
1	Mrs.Parinya Naksawat	Plot 1	Napaya, Langsuan, Chumphon	9°54'28. 91	99° 5'46.78	1.99	1.99	39.50	26/5/201 9	002-62
2	MissChoocheep Plodkhan-ngoen	Plot 1	Napaya, Langsuan, Chumphon	9°54'16. 52	99° 5'37.87	1.50	1.50	29.78	26/5/201 9	005-62
	MissChoocheep Plodkhan-ngoen	Plot 2	Napaya, Langsuan, Chumphon	9°53'35. 26	99° 5'43.50	0.90	0.90	17.87	26/5/201 9	005-62
	MissChoocheep Plodkhan-ngoen	Plot 3	Napaya, Langsuan, Chumphon	9°54'7.9 3	99° 5'27.28	3.35	3.30	65.51	26/5/201 9	005-62
3	Mr.Vanchai Tongheed	Plot 1	Napaya, Langsuan, Chumphon	9°54'13. 95	99° 5'21.11	4.99	4.67	92.70	26/5/201 9	006-62
	Mr.Vanchai Tongheed	Plot 2	Napaya, Langsuan, Chumphon	9°54'1.6 9	99° 5'8.71	1.78	1.78	35.33	26/5/201 9	006-62
4	Mr.Manas Phatlumpu	Plot 1	Napaya, Langsuan, Chumphon	9°53'13. 67	99° 7'9.10	2.47	2.15	42.68	26/5/201 9	007-62
5	Mr.Pisit Timbua	Plot 1	Napaya, Langsuan, Chumphon	9°54'9.9 5	99° 8'26.83	0.96	0.95	18.86	26/5/201 9	008-62



				GPS Reference		Area Summary (Ha)		Forecast ed		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mr.Pisit Timbua	Plot 2	Napaya, Langsuan, Chumphon	9°54'8.4 0	99° 5'51.37	1.99	1.99	39.50	26/5/201 9	008-62
6	Mr.Niphon Narkpet	Plot 1	Napaya, Langsuan, Chumphon	9°53'48. 42	99° 6'10.66	7.02	6.70	113.94	26/5/201 9	009-62
	Mr.Niphon Narkpet	Plot 2	Napaya, Langsuan, Chumphon	9°52'41. 38	99° 7'22.43	4.16	2.21	31.16	26/5/201 9	009-62
	Mr.Niphon Narkpet	Plot 3	Napaya, Langsuan, Chumphon	9°54'10. 68	99° 6'36.18	2.36	2.32	46.05	26/5/201 9	009-62
7	Miss Darunee Suwanyeam	Plot 1	Napaya, Langsuan, Chumphon	9°53'41. 82	99° 5'44.31	1.51	1.51	29.97	26/5/201 9	010-62
	Miss Darunee Suwanyeam	Plot 2	Napaya, Langsuan, Chumphon	9°53'58. 44	99° 5'38.54	0.68	0.68	13.50	26/5/201 9	010-62
	Miss Darunee Suwanyeam	Plot 3	Napaya, Langsuan, Chumphon	9°54'9.0 3	99° 5'48.83	1.96	1.96	38.91	26/5/201 9	010-62
8	Mrs.Wanna Thongruen *	Plot 1	Napaya, Langsuan, Chumphon	9°54'3.6 9	99° 6'28.65	1.64	1.64	32.55	26/5/201 9	011-62
9	Miss Wanna Sooksamran	Plot 1	Napaya, Langsuan, Chumphon	9°53'32. 74	99° 5'43.76	1.20	1.20	23.82	26/5/201 9	012-62
10	Mrs.Kanittha Putlumpoo	Plot 1	Napaya, Langsuan, Chumphon	9°54'8.4 2	99° 5'40.02	1.89	1.89	37.52	26/5/201 9	013-62
	Mrs.Kanittha Putlumpoo	Plot 2	Napaya, Langsuan, Chumphon	9°53'58. 17	99° 5'35.06	1.49	1.48	29.38	26/5/201 9	013-62
	Mrs.Kanittha Putlumpoo	Plot 3	Napaya, Langsuan, Chumphon	9°54'18. 82	99° 5'51.08	2.76	2.76	54.79	26/5/201 9	013-62
	Mrs.Kanittha Putlumpoo	Plot 4	Bangmaphrao, Langsuan, Chumphon	9°55'18. 95	99° 7'54.02	3.48	3.48	69.08	26/5/201 9	013-62
	Mrs.Kanittha Putlumpoo	Plot 5	Thamaphla, Langsuan, Chumphon	9°55'23. 86	99° 2'24.02	0.86	0.86	17.07	26/5/201 9	013-62
11	Miss Suporn daengkhanit	Plot 1	Poadang, Langsuan, Chumphon	9°55'2.9 4	99° 4'59.27	2.04	1.95	38.71	26/5/201 9	015-62
	Miss Suporn daengkhanit	Plot 2	Poadang, Langsuan, Chumphon	9°55'10. 79	99° 6'18.63	1.74	1.54	30.57	26/5/201 9	015-62
12	Mr.Sanit Rittirut	Plot 2	Poadang, Langsuan, Chumphon	9°55'11. 44	99° 5'56.83	1.04	1.04	20.64	26/5/201 9	016-62



				GPS Re	ference	Area Summary (Ha)		Forecast		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
13	Mrs.Monta Naknaka	Plot 1	Poadang, Langsuan, Chumphon	9°55'10. 87	99° 5'54.17	0.91	0.77	15.28	26/5/201 9	017-62
	Mrs.Monta Naknaka	Plot 2	Poadang, Langsuan, Chumphon	9°55'1.5 6	99° 6'14.62	4.33	4.12	81.78	26/5/201 9	017-62
	Mrs.Monta Naknaka *	Plot 3	Poadang, Langsuan, Chumphon	9°55'1.4 6	99° 6'14.32	1.09	1.09	21.64	26/5/201 9	017-62
14	Mrs.Jittra Nakjaroen	Plot 1	Poadang, Langsuan, Chumphon	9°55'10. 08	99° 5'50.74	2.27	2.22	44.07	26/5/201 9	018-62
	Mrs.Jittra Nakjaroen *	Plot 2	Poadang, Langsuan, Chumphon	9°55'10.	99° 5'50.44	1.16	1.16	23.03	26/5/201 9	018-62
15	Mr.Chawalit Niyomchan	Plot 1	Poadang, Langsuan, Chumphon	9°55'24. 03	99° 6'15.56	1.36	1.07	21.24	26/5/201 9	020-62
16	Mrs. Jirapar Maibunaui *	Plot 1	Poadang, Langsuan, Chumphon	9°55'4.4 3	99° 6'11.24	1.02	1.02	20.25	26/5/201 9	021-62
17	Mrs. Sawan Chuisun	Plot 1	Poadang, Langsuan, Chumphon	9°55'8.4 7	99° 5'39.33	1.71	1.70	33.75	26/5/201 9	022-62
18	Mr.Sopin Timbua	Plot 1	Poadang, Langsuan, Chumphon	9°55'18. 51	99° 5'55.06	1.57	1.57	31.16	26/5/201 9	023-62
	Mr.Sopin Timbua	Plot 2	Poadang, Langsuan, Chumphon	9°55'24. 86	99° 5'57.50	1.59	1.59	31.56	26/5/201 9	023-62
19	Mr.Sujin Timbua *	Plot 1	Poadang, Langsuan, Chumphon	9°55'16. 96	99° 5'58.20	1.65	1.62	32.16	26/5/201 9	024-62
	Mr.Sujin Timbua	Plot 2	Poadang, Langsuan, Chumphon	9°55'8.0 4	99° 5'30.11	1.16	1.16	23.03	26/5/201 9	024-62
20	Mrs.Somsri Prasopnet	Plot 1	Poadang, Langsuan, Chumphon	9°55'45. 98	99° 5'51.73	4.66	4.61	91.51	26/5/201 9	025-62
21	Miss Yupa Somkaeng	Plot 1	Poadang, Langsuan, Chumphon	9°54'58. 54	99° 5'58.97	0.63	0.58	11.51	26/5/201 9	027-62
	Miss Yupa Somkaeng	Plot 2	Poadang, Langsuan, Chumphon	9°55'8.0 8	99° 6'9.84	1.78	1.73	34.34	26/5/201 9	027-62
22	Mr.Chana Phumkhajorn	Plot 1	Napaya, Langsuan, Chumphon	9°54'11. 86	99° 6'31.08	4.10	4.08	80.99	26/5/201 9	029-62
	Mr.Chana Phumkhajorn	Plot 2	Poadang, Langsuan, Chumphon	9°54'57. 85	99° 5'28.40	0.73	0.73	14.49	26/5/201 9	029-62



	Name of farmer	Plot No.		GPS Reference		Area Summary (Ha)		Forecast ed		
N o			Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mr.Chana Phumkhajorn	Plot 3	Poadang, Langsuan, Chumphon	9°55'44. 28	99° 6'10.58	0.24	0.24	4.76	26/5/201 9	029-62
	Mr.Chana Phumkhajorn	Plot 4	Poadang, Langsuan, Chumphon	9°55'10. 95	99° 5'52.39	0.89	0.89	17.67	26/5/201 9	029-62
23	Mrs.Anong Pidpayun	Plot 1	Poadang, Langsuan, Chumphon	9°54'56. 26	99° 5'9.11	1.57	1.48	29.38	26/5/201 9	031-62
24	Mr.Tong Suwanyod	Plot 1	Poadang, Langsuan, Chumphon	9°55'17. 88	99° 6'14.37	1.69	1.66	32.95	26/5/201 9	032-62
25	Mrs.Ramida Nilawan *	Plot 1	Bankhuan, Langsuan, Chumphon	9°51'54. 10	99° 4'50.44	1.68	1.61	31.96	26/5/201 9	033-62
	Mrs.Ramida Nilawan	Plot 2	Bankhuan, Langsuan, Chumphon	9°51'41. 56	99° 4'21.99	2.48	0.86	17.07	26/5/201 9	033-62
26	Mr.Khanueng Chanda *	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'8.9 1	99° 5'2.05	1.23	1.23	24.42	26/5/201 9	034-62
27	Mr.Kosol Peasawat	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'13. 42	99° 4'30.51	2.41	2.37	47.04	26/5/201 9	035-62
	Mr.Kosol Peasawat	Plot 2	Poadang, Langsuan, Chumphon	9°55'36. 71	99° 6'2.14	0.62	0.58	11.51	26/5/201 9	035-62
	Mr.Kosol Peasawat	Plot 3	Wangtakor, Langsuan, Chumphon	9°57'53. 12	99° 1'34.19	2.38	1.73	34.34	26/5/201 9	035-62
28	Mr.Jaroon Sitthiphon	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'20. 29	99° 3'39.90	1.09	1.00	19.85	26/5/201 9	036-62
	Mr.Jaroon Sitthiphon	Plot 2	Bankhuan, Langsuan, Chumphon	9°53'11. 91	99° 4'49.43	0.99	0.99	19.65	26/5/201 9	036-62
	Mr.Jaroon Sitthiphon	Plot 3	Napaya, Langsuan, Chumphon	9°53'37. 46	99° 5'0.29	0.46	0.46	9.13	26/5/201 9	036-62
	Mr.Jaroon Sitthiphon	Plot 4	Napaya, Langsuan, Chumphon	9°53'51. 79	99° 5'18.60	0.81	0.81	16.08	26/5/201 9	036-62
29	Mr.Phisit Phueakphong	Plot 1	Bankhuan, Langsuan, Chumphon	9°54'5.6 6	99° 3'27.28	1.66	1.66	32.95	26/5/201 9	037-62
	Mr.Phisit Phueakphong	Plot 2	Bankhuan, Langsuan, Chumphon	9°53'43. 77	99° 3'29.02	0.84	0.84	16.67	26/5/201 9	037-62
	Mr.Phisit Phueakphong	Plot 3	Thungluang, Lamae, Chumphon	9°50'2.5 6	99° 4'12.45	1.93	1.93	38.31	26/5/201 9	037-62



					GPS Reference		Area Summary (Ha)			
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mr.Phisit Phueakphong	Plot 4	Bankhuan, Langsuan, Chumphon	9°49'49. 04	99° 2'37.55	2.12	2.12	42.08	26/5/201 9	037-62
30	Miss Panduan Kanpol	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'26. 94	99° 4'46.46	0.60	0.60	11.91	26/5/201 9	040-62
31	Miss Thanutnan Chimsaad	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'49. 47	99° 3'19.83	0.49	0.49	9.73	26/5/201 9	041-62
	Miss Thanutnan Chimsaad	Plot 2	Bankhuan, Langsuan, Chumphon	9°53'4.9 8	99° 3'35.56	1.02	1.02	20.25	26/5/201 9	041-62
32	Mr.Somsak Thuanapaya	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'18. 26	99° 4'50.65	1.11	1.11	22.03	26/5/201 9	042-62
33	Mr.Wayu Chimwaree	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'20. 17	99° 4'45.10	0.71	0.71	14.09	26/5/201 9	043-62
34	Miss Chalaem Pengkaew	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'7.8 1	99° 4'35.24	4.92	4.88	96.87	26/5/201 9	044-62
35	Mr.Wirat Yenbankhuan	Plot 1	Bankhuan, Langsuan, Chumphon	9°54'3.1 5	99° 4'29.91	1.71	1.66	32.95	26/5/201 9	046-62
	Mr.Wirat Yenbankhuan	Plot 2	Bankhuan, Langsuan, Chumphon	9°53'34. 03	99° 4'39.60	2.36	2.04	40.49	26/5/201 9	046-62
	Mr.Wirat Yenbankhuan	Plot 3	Bankhuan, Langsuan, Chumphon	9°53'29. 88	99° 4'36.17	0.67	0.67	0.00	26/5/201 9	046-62
36	Mrs.Phongpan Bunnak	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'34. 95	99° 3'8.10	0.49	0.33	6.55	26/5/201 9	047-62
	Mrs.Phongpan Bunnak	Plot 2	Bankhuan, Langsuan, Chumphon	9°53'47. 67	99° 4'41.27	0.95	0.95	18.86	26/5/201 9	047-62
37	Mrs.Soodjai Worrasing	Plot 1	Napaya, Langsuan, Chumphon	9°52'15. 05	99° 5'56.11	1.34	1.33	26.40	26/5/201 9	048-62
	Mrs.Soodjai Worrasing	Plot 2	Bankhuan, Langsuan, Chumphon	9°51'48. 05	99° 5'6.53	0.49	0.42	8.34	26/5/201 9	048-62
	Mrs.Soodjai Worrasing	Plot 3	Bankhuan, Langsuan, Chumphon	9°51'37. 13	99° 4'48.79	1.60	1.52	30.17	26/5/201 9	048-62
	Mrs.Soodjai Worrasing	Plot 4	Bankhuan, Langsuan, Chumphon	9°51'54. 24	99° 4'46.43	0.61	0.61	0.00	26/5/201 9	048-62
38	Mr.Suchon Jansuk	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'52. 71	99° 2'58.56	1.93	1.89	37.52	26/5/201 9	050-62



				GPS Reference		Area Summary (Ha)		Forecast		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mr.Suchon Jansuk	Plot 2	Bankhuan, Langsuan, Chumphon	9°54'27. 28	99° 3'26.82	2.39	2.39	47.44	26/5/201 9	050-62
	Mr.Suchon Jansuk	Plot 3	Thamaphla, Langsuan, Chumphon	9°54'51. 87	99° 3'5.79	1.01	0.90	17.87	26/5/201 9	050-62
	Mr.Suchon Jansuk	Plot 4	Thamaphla, Langsuan, Chumphon	9°54'45. 88	99° 3'2.47	0.44	0.44	8.73	26/5/201 9	050-62
	Mr.Suchon Jansuk	Plot 5	Thamaphla, Langsuan, Chumphon	9°54'34. 84	99° 1'52.26	2.01	2.00	39.70	26/5/201 9	050-62
39	Miss Duangrat Klomhadyai	Plot 2	Thamaphla, Langsuan, Chumphon	9°55'28. 91	99° 1'43.93	1.21	0.98	19.45	26/5/201 9	054-62
	Miss Duangrat Klomhadyai	Plot 3	Hadyai, Langsuan, Chumphon	9°55'5.7 3	99° 1'42.03	0.51	0.51	10.12	26/5/201 9	054-62
40	Mr.Amnuay Bodeerat	Plot 1	Thungluang, Lamae, Chumphon	9°49'1.5 7	99° 5'27.28	3.19	3.15	62.53	26/5/201 9	055-62
	Mr.Amnuay Bodeerat	Plot 2	Hadyai, Langsuan, Chumphon	9°54'30. 68	99° 0'23.04	3.42	2.16	42.88	26/5/201 9	055-62
	Mr.Amnuay Bodeerat	Plot 3	Bankhuan, Langsuan, Chumphon	9°51'18. 41	99° 5'3.82	2.11	1.71	33.94	26/5/201 9	055-62
	Mr.Amnuay Bodeerat	Plot 4	Thungluang, Lamae, Chumphon	9°49'43. 72	99° 5'9.89	2.41	2.41	47.84	26/5/201 9	055-62
	Mr.Amnuay Bodeerat	Plot 5	Thungluang, Lamae, Chumphon	9°49'18. 76	99° 5'32.28	1.63	1.63	32.36	26/5/201 9	055-62
	Mr.Amnuay Bodeerat	Plot 6	Napaya, Langsuan, Chumphon	9°51'37. 75	99° 8'14.91	2.26	2.26	44.86	26/5/201 9	055-62
	Mr.Amnuay Bodeerat	Plot 7	Khanthuli, Thachana, Suratthani	9°40'22. 49	99° 2'25.46	3.35	3.35	66.50	26/5/201 9	055-62
41	Miss Pranee Koednate	Plot 1	Hadyai, Langsuan, Chumphon	9°55'27. 96	99° 0'40.10	0.91	0.91	18.06	26/5/201 9	056-62
	Miss Pranee Koednate	Plot 2	Thamaphla, Langsuan, Chumphon	9°55'12. 62	99° 2'24.55	1.69	1.69	33.55	26/5/201 9	056-62
	Miss Pranee Koednate	Plot 4	Thamaphla, Langsuan, Chumphon	9°55'48. 10	99° 1'58.42	0.26	0.26	5.16	26/5/201 9	056-62
42	Mrs.Sujittra Phetsom	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'49. 25	99° 3'9.02	1.41	1.40	27.79	26/5/201 9	057-62



				GPS Re	ference		ımmary la)	Forecast ed		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mrs.Sujittra Phetsom	Plot 2	Thamaphla, Langsuan, Chumphon	9°54'53. 80	99° 3'15.31	1.60	1.60	31.76	26/5/201 9	057-62
	Mrs.Sujittra Phetsom	Plot 3	Thamaphla, Langsuan, Chumphon	9°55'1.1 4	99° 3'14.98	1.00	1.00	19.85	26/5/201 9	057-62
	Mrs.Sujittra Phetsom	Plot 4	Thamaphla, Langsuan, Chumphon	9°54'59. 56	99° 3'10.01	1.96	1.96	38.91	26/5/201 9	057-62
	Mrs.Sujittra Phetsom	Plot 5	Thamaphla, Langsuan, Chumphon	9°54'41. 69	99° 2'8.24	1.69	1.69	33.55	26/5/201 9	057-62
	Mrs.Sujittra Phetsom	Plot 6	Thamaphla, Langsuan, Chumphon	9°54'20. 44	99° 1'45.13	1.12	1.12	22.23	26/5/201 9	057-62
	Mrs.Sujittra Phetsom	Plot 7	Hadyai, Langsuan, Chumphon	9°55'1.3 4	99° 1'35.57	0.59	0.59	11.71	26/5/201 9	057-62
	Mrs.Sujittra Phetsom	Plot 8	Hadyai, Langsuan, Chumphon	9°55'57. 66	99° 1'15.30	0.88	0.50	9.93	26/5/201 9	057-62
43	Mr.Prapas Kitipatarapumkul	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'34. 98	99° 2'27.34	0.80	0.80	15.88	26/5/201 9	058-62
44	Mrs.Supatthana Obpat	Plot 1	Thamaphla, Langsuan, Chumphon	9°55'26. 58	99° 3'19.52	1.73	1.73	0.00	26/5/201 9	060-62
	Mrs.Supatthana Obpat *	Plot 2	Thamaphla, Langsuan, Chumphon	9°55'25.	99° 3'5.12	8.38	8.35	165.75	26/5/201 9	060-62
45	Mrs.Jaree Chufaiklong	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'48. 81	99° 3'15.04	1.38	1.38	0.00	26/5/201 9	061-62
46	Mr.Worrawut Arunrak	Plot 1	Thamaphla, Langsuan, Chumphon	9°55'56. 53	99° 3'14.59	2.13	1.22	24.22	26/5/201 9	062-62
47	Mr.Sane Rattanaphakdi	Plot 1	Thungluang, Lamae, Chumphon	9°50'27. 69	99° 5'7.30	2.29	2.29	45.46	26/5/201 9	063-62
	Mr.Sane Rattanaphakdi	Plot 2	Thungluang, Lamae, Chumphon	9°50'43. 02	99° 4'56.63	0.42	0.42	8.34	26/5/201 9	063-62
48	Miss Vasana Siksamat	Plot 1	Khan-ngoen, Langsuan, Chumphon	9°55'26. 37	99° 3'55.24	1.37	1.37	27.19	26/5/201 9	065-62
	Miss Vasana Siksamat	Plot 2	Khan-ngoen, Langsuan, Chumphon	9°55'27. 83	99° 4'10.89	0.80	0.36	7.15	26/5/201 9	065-62
49	Mrs.Pimpa Khongrabam	Plot 1	Khan-ngoen, Langsuan, Chumphon	9°54'58. 36	99° 3'22.35	1.32	1.32	26.20	26/5/201 9	066-62



				GPS Re	ference		ımmary la)	Forecast ed		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mrs.Pimpa Khongrabam	Plot 2	Khan-ngoen, Langsuan, Chumphon	9°54'54. 88	99° 3'43.59	0.61	0.38	7.54	26/5/201 9	066-62
50	Mrs.Prathana Chotiroj	Plot 1	Napaya, Langsuan, Chumphon	9°53'27. 35	99° 5'40.19	2.16	2.16	42.88	26/5/201 9	067-62
	Mrs.Prathana Chotiroj	Plot 2	Khan-ngoen, Langsuan, Chumphon	9°56'1.9 5	99° 4'37.21	0.40	0.40	7.94	26/5/201 9	067-62
	Mrs.Prathana Chotiroj	Plot 3	Khan-ngoen, Langsuan, Chumphon	9°55'58. 70	99° 4'26.74	1.02	1.02	20.25	26/5/201 9	067-62
	Mrs.Prathana Chotiroj	Plot 4	Khan-ngoen, Langsuan, Chumphon	9°55'48. 43	99° 4'34.47	1.62	1.62	32.16	26/5/201 9	067-62
	Mrs.Prathana Chotiroj *	Plot 5	Wangtakor, Langsuan, Chumphon	9°55'48.	99° 4'34.48	3.17	3.17	62.92	26/5/201 9	067-62
51	Mr.Chanin Chotiroat	Plot 1	Khan-ngoen, Langsuan, Chumphon	9°56'2.6 6	99° 4'27.24	1.50	1.48	29.38	26/5/201 9	068-62
	Mr.Chanin Chotiroat	Plot 2	Khan-ngoen, Langsuan, Chumphon	9°55'59. 90	99° 4'20.06	2.34	2.10	41.69	26/5/201 9	068-62
	Mr.Chanin Chotiroat	Plot 3	Khan-ngoen, Langsuan, Chumphon	9°55'58. 65	99° 4'31.05	1.14	1.14	22.63	26/5/201 9	068-62
	Mr.Chanin Chotiroat	Plot 4	Khan-ngoen, Langsuan, Chumphon	9°56'8.3 5	99° 3'56.07	0.84	0.84	16.67	26/5/201 9	068-62
	Mr.Chanin Chotiroat	Plot 5	Khan-ngoen, Langsuan, Chumphon	9°56'6.2 2	99° 3'59.01	0.47	0.47	9.33	26/5/201 9	068-62
	Mr.Chanin Chotiroat	Plot 6	Khan-ngoen, Langsuan, Chumphon	9°56'11. 42	99° 4'14.28	0.55	0.55	10.92	26/5/201 9	068-62
52	Mr.Ratthapong Chumla-ong	Plot 1	Poadang, Langsuan, Chumphon	9°55'21. 62	99° 5'20.67	0.32	0.20	3.97	27/6/202 0	069-63
	Mr.Ratthapong Chumla-ong	Plot 2	Thungluang, Lamae, Chumphon	9°49'21. 89	99° 4'39.91	1.53	1.53	30.37	27/6/202 0	069-63
53	Mr.Saksit Sermwaraphan	Plot 1	Napaya, Langsuan, Chumphon	9°53'29. 29	99° 6'10.07	2.60	2.60	51.61	27/6/202 0	070-63
	Mr.Saksit Sermwaraphan	Plot 2	Napaya, Langsuan, Chumphon	9°54'14. 05	99° 6'9.59	1.15	1.15	22.83	27/6/202 0	070-63
54	Mr.Ratchamontree Chuleetongrouk	Plot 1	Napaya, Langsuan, Chumphon	9°54'40. 65	99° 5'54.78	3.39	3.35	66.50	27/6/202 0	071-63



				GPS Re	ference		ımmary a)	Forecast		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mr.Ratchamontree Chuleetongrouk	Plot 2	Napaya, Langsuan, Chumphon	9°54'39. 48	99° 6'9.86	2.05	2.05	40.69	27/6/202 0	071-63
55	Mrs.Sriwan Charalak	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'53. 50	99° 4'49.71	1.28	1.28	25.41	27/6/202 0	072-63
56	Mr.Thongchai Kraijaroen *	Plot 1	Napaya, Langsuan, Chumphon	9°54'45. 78	99° 6'11.89	3.82	3.81	75.63	27/6/202 0	074-63
57	Mr.Samphan Kaewnabon	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'50. 98	99° 4'21.03	0.80	0.80	15.88	27/6/202 0	075-63
	Mr.Samphan Kaewnabon	Plot 2	Bankhuan, Langsuan, Chumphon	9°52'59. 14	99° 4'20.44	0.57	0.53	10.52	27/6/202 0	075-63
	Mr.Samphan Kaewnabon	Plot 3	Bankhuan, Langsuan, Chumphon	9°52'54. 76	99° 4'13.50	0.69	0.69	13.70	27/6/202 0	075-63
	Mr.Samphan Kaewnabon	Plot 4	Bankhuan, Langsuan, Chumphon	9°52'43. 41	99° 4'5.47	0.36	0.36	7.15	27/6/202 0	075-63
58	Mrs.Chanankarn Chumpoothong	Plot 1	Poadang, Langsuan, Chumphon	9°55'58. 73	99° 5'44.21	0.71	0.71	14.09	27/6/202 0	076-63
59	Mr.Warawut Chumlaong	Plot 1	Khan-ngoen, Langsuan, Chumphon	9°55'50. 04	99° 4'42.02	2.21	2.21	43.87	27/6/202 0	078-63
	Mr.Warawut Chumlaong	Plot 2	Poadang, Langsuan, Chumphon	9°55'18. 17	99° 5'15.31	0.30	0.30	5.96	27/6/202 0	078-63
	Mr.Warawut Chumlaong	Plot 3	Khan-ngoen, Langsuan, Chumphon	9°55'51. 11	99° 4'44.93	0.35	0.35	6.95	27/6/202 0	078-63
60	Mrs.Walla Arpapirak	Plot 1	Hadyai, Langsuan, Chumphon	9°55'9.1 4	99° 0'50.93	0.48	0.35	6.95	27/6/202 0	080-63
	Mrs.Walla Arpapirak	Plot 2	Hadyai, Langsuan, Chumphon	9°55'11. 18	99° 0'59.18	0.48	0.48	9.53	27/6/202 0	080-63
	Mrs.Walla Arpapirak	Plot 3	Hadyai, Langsuan, Chumphon	9°54'47. 61	99° 1'34.28	1.61	1.61	31.96	27/6/202 0	080-63
	Mrs.Walla Arpapirak	Plot 4	Hadyai, Langsuan, Chumphon	9°54'56. 15	99° 0'8.81	0.84	0.84	16.67	27/6/202 0	080-63
	Mrs.Walla Arpapirak	Plot 5	Hadyai, Langsuan, Chumphon	9°53'54. 81	99° 1'0.29	0.72	0.72	14.29	27/6/202 0	080-63
	Mrs.Walla Arpapirak *	Plot 6	Hadyai, Langsuan, Chumphon	9°53'54. 82	99° 1'0.30	1.17	1.13	22.43	27/6/202 0	080-63



				GPS Re	ference		ımmary la)	Forecast ed		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mrs.Walla Arpapirak	Plot 7	Hadyai, Langsuan, Chumphon	9°55'30. 45	99° 5'34.25	0.44	0.19	3.77	27/6/202 0	080-63
61	Mr.Manu Janmanee	Plot 1	Poadang, Langsuan, Chumphon	9°55'30. 46	99° 5'34.26	0.92	0.92	18.26	27/6/202 0	081-63
	Mr.Manu Janmanee	Plot 2	Bangmaphrao, Langsuan, Chumphon	9°55'1.1 8	99° 6'22.70	0.51	0.51	10.12	27/6/202 0	081-63
	Mr.Manu Janmanee	Plot 3	Poadang, Langsuan, Chumphon	9°55'26. 25	99° 5'42.02	0.48	0.48	9.53	27/6/202 0	081-63
62	Mrs.Sarapee Jawyon	Plot 1	Nakha, Langsuan, Chumphon	9°59'36. 06	99° 4'55.10	1.74	1.69	33.55	27/6/202 0	082-63
	Mrs.Sarapee Jawyon	Plot 2	Nakha, Langsuan, Chumphon	9°59'40. 33	99° 4'58.40	0.80	0.80	15.88	27/6/202 0	082-63
63	Mrs.Boonhai Phudtharat	Plot 1	Napaya, Langsuan, Chumphon	9°54'3.6 9	99° 5'16.83	1.08	1.08	21.44	27/6/202 0	083-63
	Mrs.Boonhai Phudtharat	Plot 2	Napaya, Langsuan, Chumphon	9°53'58. 89	99° 5'21.57	0.57	0.57	11.31	27/6/202 0	083-63
64	Mr.Jamroen Paengpaen	Plot 1	Napaya, Langsuan, Chumphon	9°54'15. 85	99° 5'15.91	1.72	1.72	34.14	27/6/202 0	084-63
	Mr.Jamroen Paengpaen	Plot 2	Napaya, Langsuan, Chumphon	9°54'2.9 7	99° 5'13.80	0.64	0.57	11.31	27/6/202 0	084-63
	Mr.Jamroen Paengpaen	Plot 3	Napaya, Langsuan, Chumphon	9°53'50. 40	99° 5'3.39	0.32	0.32	6.35	27/6/202 0	084-63
65	Mrs.Sunanta Patthong	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'52. 63	99° 3'10.26	0.97	0.97	19.25	27/6/202 0	086-63
66	Mrs.Wanida Promchawee	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'38. 32	99° 2'56.15	0.57	0.48	9.53	27/6/202 0	087-63
	Mrs.Wanida Promchawee	Plot 2	Thamaphla, Langsuan, Chumphon	9°54'36. 48	99° 3'0.52	0.68	0.62	12.31	27/6/202 0	087-63
	Mrs.Wanida Promchawee	Plot 3	Poadang, Langsuan, Chumphon	9°55'4.2 9	99° 5'9.37	0.73	0.73	14.49	27/6/202 0	087-63
67	Mrs.Jiranan Sawaengcherdphon g	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'35. 41	99° 3'2.01	0.57	0.57	11.31	27/6/202 0	088-63
68	Mrs.Jariya Udomwittayakrai	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'40. 71	99° 2'56.89	0.83	0.78	15.48	27/6/202 0	089-63



				GPS Re	ference		ımmary la)			
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	Forecast ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mrs.Jariya Udomwittayakrai	Plot 2	Thamaphla, Langsuan, Chumphon	9°54'43. 92	99° 3'1.93	1.67	1.67	33.15	27/6/202 0	089-63
	Mrs.Jariya Udomwittayakrai	Plot 3	Thamaphla, Langsuan, Chumphon	9°55'16. 04	99° 2'54.52	0.69	0.69	13.70	27/6/202 0	089-63
	Mrs.Jariya Udomwittayakrai	Plot 4	Thamaphla, Langsuan, Chumphon	9°54'38. 72	99° 3'14.94	0.89	0.89	17.67	27/6/202 0	089-63
	Mrs.Jariya Udomwittayakrai	Plot 5	Thamaphla, Langsuan, Chumphon	9°54'30. 79	99° 3'1.52	1.73	1.65	32.75	27/6/202 0	089-63
69	Mr.Veerapon Tantikovit	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'9.6 9	99° 3'41.38	11.42	11.42	226.69	27/6/202 0	094-63
70	Mrs. Ratchanee Uchupap *	Plot 1	Khan-ngoen, Langsuan, Chumphon	9°56'3.8 0	99° 4'42.48	2.21	2.21	43.87	13/3/202 1	096-64
71	Mr. Chalong Suksamran	Plot 1	Napaya, Langsuan, Chumphon	9°53'44. 76	99° 6'15.89	1.06	1.00	19.85	13/3/202 1	099-64
	Mr. Chalong Suksamran	Plot 2	Napaya, Langsuan, Chumphon	9°54'0.8 0	99° 6'18.18	0.43	0.43	8.54	13/3/202 1	099-64
	Mr. Chalong Suksamran	Plot 3	Napaya, Langsuan, Chumphon	9°53'24. 95	99° 6'7.86	1.82	1.82	36.13	13/3/202 1	099-64
	Mr. Chalong Suksamran	Plot 4	Napaya, Langsuan, Chumphon	9°53'21. 12	99° 6'6.47	0.34	0.34	6.75	13/3/202 1	099-64
	Mr. Chalong Suksamran	Plot 5	Napaya, Langsuan, Chumphon	9°53'54. 48	99° 5'58.49	1.56	1.56	30.97	13/3/202 1	099-64
	Mr. Chalong Suksamran	Plot 6	Napaya, Langsuan, Chumphon	9°53'44. 49	99° 6'34.74	2.75	2.73	54.19	13/3/202 1	099-64
72	Mr. Komsun Sriaroon	Plot 1	Khan-ngoen, Langsuan, Chumphon	9°56'21. 45	99° 5'28.64	1.79	1.79	35.53	13/3/202 1	101-64
	Mr. Komsun Sriaroon	Plot 2	Khan-ngoen, Langsuan, Chumphon	9°56'17. 00	99° 5'25.53	0.62	0.59	11.71	13/3/202 1	101-64
	Mr. Komsun Sriaroon	Plot 3	Poadang, Langsuan, Chumphon	9°56'4.7 6	99° 5'11.59	1.70	1.70	33.75	13/3/202 1	101-64
	Mr. Komsun Sriaroon	Plot 4	Poadang, Langsuan, Chumphon	9°55'24. 72	99° 5'39.59	0.71	0.71	14.09	13/3/202 1	101-64
73	Mrs. Poonsri Musiklad	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'6.8 0	99° 3'26.94	1.02	1.02	20.25	13/3/202 1	102-64



				GPS Re	ference		ımmary la)	Forecast ed		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mrs. Poonsri Musiklad	Plot 2	Bankhuan, Langsuan, Chumphon	9°54'34. 33	99° 3'46.21	1.99	1.80	35.73	13/3/202 1	102-64
74	Mr. Paitoon Tongpituk	Plot 1	Thungluang, Lamae, Chumphon	9°50'54. 56	99° 4'27.10	0.81	0.77	15.28	13/3/202 1	103-64
	Mr. Paitoon Tongpituk	Plot 2	Bankhuan, Langsuan, Chumphon	9°51'12. 50	99° 5'7.37	3.52	3.32	65.90	13/3/202 1	103-64
75	Mrs. Jutamas Paksatornsanti	Plot 1	Wangtakor, Langsuan, Chumphon	9°59'23. 85	98°59'26. 65	5.59	3.69	73.25	13/3/202 1	104-64
	Mrs. Jutamas Paksatornsanti	Plot 2	Bankhuan, Langsuan, Chumphon	9°50'25. 04	99° 3'10.09	3.93	3.86	76.62	13/3/202 1	104-64
76	Mr. Gosin Leknapaya	Plot 1	Napaya, Langsuan, Chumphon	9°52'22. 94	99° 5'18.78	0.64	0.64	12.70	13/3/202 1	105-64
	Mr. Gosin Leknapaya	Plot 2	Napaya, Langsuan, Chumphon	9°52'13. 72	99° 5'25.04	0.86	0.86	17.07	13/3/202 1	105-64
	Mr. Gosin Leknapaya	Plot 3	Napaya, Langsuan, Chumphon	9°51'17. 61	99° 5'28.08	0.79	0.78	15.48	13/3/202 1	105-64
77	Mrs. Sudjai Rattanapakdee	Plot 1	Napaya, Langsuan, Chumphon	9°51'57. 92	99° 5'34.04	0.47	0.43	8.54	13/3/202 1	106-64
	Mrs. Sudjai Rattanapakdee	Plot 2	Napaya, Langsuan, Chumphon	9°52'24. 53	99° 5'28.11	0.91	0.91	18.06	13/3/202 1	106-64
	Mrs. Sudjai Rattanapakdee	Plot 3	Bankhuan, Langsuan, Chumphon	9°52'6.4 6	99° 4'51.67	0.69	0.68	13.50	13/3/202 1	106-64
78	Miss. Usanee Thongpitak	Plot 1	Thungluang, Lamae, Chumphon	9°50'58. 80	99° 4'31.12	0.71	0.54	10.72	13/3/202 1	107-64
	Miss. Usanee Thongpitak	Plot 2	Thungluang, Lamae, Chumphon	9°50'51. 38	99° 4'43.42	5.07	3.28	65.11	13/3/202 1	107-64
	Miss. Usanee Thongpitak	Plot 3	Thungluang, Lamae, Chumphon	9°49'14. 97	99° 4'55.83	3.35	3.17	62.92	13/3/202 1	107-64
79	Mrs. Pratana Daopeak	Plot 1	Bankhuan, Langsuan, Chumphon	9°51'46. 91	99° 4'51.96	0.29	0.29	5.76	13/3/202 1	108-64
	Mrs. Pratana Daopeak *	Plot 2	Bankhuan, Langsuan, Chumphon	9°52'1.0 0	99° 4'47.62	1.05	0.99	19.65	13/3/202 1	108-64
	Mrs. Pratana Daopeak	Plot 3	Bankhuan, Langsuan, Chumphon	9°51'14. 82	99° 3'50.84	2.39	2.39	47.44	13/3/202 1	108-64



				GPS Re	ference		ımmary la)	Forecast		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
80	Mrs. Ratree Yenbankuan	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'24. 13	99° 2'24.18	1.75	1.68	33.35	13/3/202 1	109-64
	Mrs. Ratree Yenbankuan	Plot 2	Bankhuan, Langsuan, Chumphon	9°52'28. 27	99° 2'24.00	1.62	1.53	30.37	13/3/202 1	109-64
81	Mr. Chartoorun Kotchaset	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'28. 09	99° 4'11.63	2.51	2.28	45.26	13/3/202 1	110-64
82	Miss Yupin Nuipin	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'41. 64	99° 4'16.47	1.25	0.93	18.46	13/3/202 1	111-64
	Miss Yupin Nuipin	Plot 2	Napaya, Langsuan, Chumphon	9°53'22. 86	99° 5'3.97	0.75	0.75	14.89	13/3/202 1	111-64
	Miss Yupin Nuipin	Plot 3	Bankhuan, Langsuan, Chumphon	9°53'17. 43	99° 4'45.24	0.79	0.79	15.68	13/3/202 1	111-64
83	Mr. Denchay Ritthisom	Plot 1	Poadang, Langsuan, Chumphon	9°55'21. 85	99° 5'50.06	2.45	2.45	48.63	13/3/202 1	112-64
84	Mrs. Kamoltip Kongrabum	Plot 1	Khan-ngoen, Langsuan, Chumphon	9°54'56. 08	99° 3'24.24	0.65	0.65	12.90	13/3/202 1	114-64
85	Mrs. Yupa Nuipin	Plot 1	Napaya, Langsuan, Chumphon	9°53'19. 54	99° 5'8.15	0.30	0.30	5.96	13/3/202 1	115-64
	Mrs. Yupa Nuipin	Plot 2	Bankhuan, Langsuan, Chumphon	9°53'7.4 2	99° 4'32.45	0.58	0.58	11.51	13/3/202 1	115-64
	Mrs. Yupa Nuipin	Plot 3	Bankhuan, Langsuan, Chumphon	9°53'13. 10	99° 4'33.58	0.58	0.58	11.51	13/3/202 1	115-64
86	Mr. Somdech Litthisom	Plot 1	Poadang, Langsuan, Chumphon	9°55'49. 67	99° 5'59.11	1.79	1.79	35.53	13/3/202 1	116-64
	Mr. Somdech Litthisom	Plot 2	Poadang, Langsuan, Chumphon	9°55'34. 96	99° 6'4.53	0.37	0.32	6.35	13/3/202 1	116-64
87	Miss Amnuay Kongjan	Plot 1	Poadang, Langsuan, Chumphon	9°55'28. 14	99° 5'37.84	1.89	1.85	36.72	13/3/202 1	118-64
	Miss Amnuay Kongjan *	Plot 2	Bangmaphrao, Langsuan, Chumphon	9°54'59. 50	99° 6'23.92	1.09	1.06	21.04	13/3/202 1	118-64
	Miss Amnuay Kongjan	Plot 3	Poadang, Langsuan, Chumphon	9°55'58. 34	99° 6'27.00	0.59	0.59	0.00	13/3/202 1	188-64
88	Mr. Swang Thainikom	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'38. 27	99° 3'5.55	1.42	1.38	27.39	13/3/202 1	121-64



				GPS Re	ference		ımmary la)	Forecast		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mr. Swang Thainikom	Plot 2	Bankhuan, Langsuan, Chumphon	9°54'24. 20	99° 3'30.11	0.72	0.72	14.29	13/3/202 1	121-64
89	Mr. Suchart Junsuk	Plot 1	Napaya, Langsuan, Chumphon	9°51'36. 10	99° 8'58.94	4.50	4.50	89.33	13/3/202 1	122-64
	Mr. Suchart Junsuk *	Plot 2	Napaya, Langsuan, Chumphon	9°51'29. 82	99° 8'52.86	2.48	2.47	49.03	13/3/202 1	122-64
	Mr. Suchart Junsuk	Plot 3	Napaya, Langsuan, Chumphon	99° 3'5.55	99° 8'24.79	2.14	2.14	42.48	13/3/202 1	122-64
90	Miss.Nitaya Udomset	Plot 1	Napaya, Langsuan, Chumphon	9°53'41. 54	99° 7'35.01	0.62	0.59	11.71	13/3/202 1	123-64
	Miss.Nitaya Udomset	Plot 2	Bangmaphrao, Langsuan, Chumphon	9°54'35. 61	99° 7'55.72	1.57	1.57	31.16	13/3/202 1	123-64
	Miss.Nitaya Udomset	Plot 3	Khanthuli, Thachana, Suratthani	9°40'39. 35	99° 8'17.15	27.86	27.69	549.65	13/3/202 1	123-64
91	Mr. Anekchai Mitkul	Plot 1	Napaya, Langsuan, Chumphon	9°53'45. 58	99° 5'41.26	0.86	0.82	16.28	13/3/202 1	124-64
	Mr. Anekchai Mitkul	Plot 2	Napaya, Langsuan, Chumphon	9°53'53. 51	99° 5'50.28	2.07	2.06	40.89	13/3/202 1	124-64
92	Mr. Soodsopon Wongjanmanee	Plot 1	Bankhuan, Langsuan, Chumphon	9°55'24. 67	99° 4'22.18	0.78	0.78	15.48	13/3/202 1	125-64
	Mr. Soodsopon Wongjanmanee	Plot 2	Bankhuan, Langsuan, Chumphon	9°55'32. 14	99° 4'23.96	1.37	1.37	27.19	13/3/202 1	125-64
	Mr. Soodsopon Wongjanmanee	Plot 3	Bankhuan, Langsuan, Chumphon	9°55'3.2 1	99° 4'32.88	2.70	2.60	51.61	13/3/202 1	125-64
93	Mrs.Somjit Prikbangka *	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'6.9 5	99° 4'55.85	0.69	0.69	13.70	13/3/202 1	127-64
94	Miss.Nongnaphat Chantham	Plot 1	Bankhuan, Langsuan, Chumphon	9°50'48. 64	99° 4'2.93	5.36	4.68	92.90	13/3/202 1	128-64
	Miss.Nongnaphat Chantham	Plot 2	Bankhuan, Langsuan, Chumphon	9°50'48. 17	99° 3'54.95	2.13	2.13	26.40	13/3/202 1	128-64
95	Mrs. Somporn Puttarat	Plot 1	Napaya, Langsuan, Chumphon	9°54'18. 02	99° 5'23.31	1.01	1.01	20.05	13/3/202 1	129-64
	Mrs. Somporn Puttarat	Plot 2	Bankhuan, Langsuan, Chumphon	9°52'53. 90	99° 4'58.87	0.60	0.60	11.91	13/3/202 1	129-64



				GPS Re	ference		ımmary la)	F		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	Forecast ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mrs. Somporn Puttarat	Plot 3	Bankhuan, Langsuan, Chumphon	9°51'7.1 1	99° 3'41.39	2.36	2.26	44.86	13/3/202 1	129-64
96	Mr. Saen Suksakaophong	Plot 1	Khanthuli, Thachana, Suratthani	9°40'23. 68	99° 2'28.18	3.89	3.53	70.07	13/3/202 1	131-64
97	Mr. Soemsak Bunphaniad	Plot 1	Wangtakor, Langsuan, Chumphon	9°59'33. 05	98°59'31. 42	9.22	9.22	183.02	30/4/202 2	133-65
98	Mr. Somchit Chantaramanee	Plot 1	Laem Sai, Langsuan, Chumphon	9°57'20. 86	99° 6'46.89	1.26	1.11	22.03	30/4/202 2	134-65
	Mr. Somchit Chantaramanee	Plot 2	Laem Sai, Langsuan, Chumphon	9°57'48. 50	99° 6'57.87	1.14	1.14	22.63	30/4/202 2	134-65
	Mr. Somchit Chantaramanee *	Plot 3	Wangtakor, Langsuan, Chumphon	9°58'25. 46	98°58'13. 98	3.60	3.58	71.06	30/4/202 2	134-65
99	Mrs. Pranom Musiksan	Plot 1	Napaya, Langsuan, Chumphon	9°52'18. 36	99° 6'17.40	1.23	1.23	24.42	30/4/202 2	136-65
	Mrs. Pranom Musiksan	Plot 2	Napaya, Langsuan, Chumphon	9°52'6.1 6	99° 5'46.53	0.45	0.45	8.93	30/4/202 2	136-65
	Mrs. Pranom Musiksan	Plot 3	Pangwan, Phato, Chumphon	9°50'46. 44	98°55'50. 85	4.09	4.09	81.19	30/4/202 2	136-65
10 0	Mr. Sanea Sukjaroen	Plot 1	Bankhuan, Langsuan, Chumphon	9°51'36. 76	99° 4'29.54	1.72	1.72	34.14	30/4/202 2	137-65
	Mr. Sanea Sukjaroen	Plot 2	Bankhuan, Langsuan, Chumphon	9°51'55. 18	99° 4'36.76	1.80	1.80	35.73	30/4/202 2	137-65
10 1	Mr. Niphon Riabroi	Plot 1	Thungluang, Lamae, Chumphon	9°49'58. 68	99° 5'58.03	3.19	3.19	63.32	30/4/202 2	138-65
10 2	Mrs. Srivataporn Jintanaphan	Plot 1	Napaya, Langsuan, Chumphon	9°50'33. 92	99° 8'11.95	5.92	5.92	117.51	30/4/202 2	139-65
10 3	Miss Yaowaluck Waniyapong	Plot 1	Bankhuan, Langsuan, Chumphon	9°52'29. 81	99° 4'28.29	2.03	2.03	40.30	30/4/202 2	141-65
	Miss Yaowaluck Waniyapong	Plot 2	Bankhuan, Langsuan, Chumphon	9°52'37. 78	99° 4'23.28	0.22	0.22	4.37	30/4/202 2	141-65
10 4	Mr. Jaturapong Noothong	Plot 1	Thamaphla, Langsuan, Chumphon	9°54'11. 33	99° 2'12.93	1.61	1.61	31.96	30/4/202 2	143-65
10 5	Mr. Apisit Jansiri	Plot 1	Thamaphla, Langsuan, Chumphon	9°55'41. 13	99° 3'10.94	1.27	1.27	25.21	17/2/202 3	144-66



				GPS Re	ference		ımmary a)	Forecast		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
10 6	Miss Jariya Biawang Chuanprasit	Plot 1	Khanthuli, Thachana, Suratthani	9°40'33. 28	99° 7'1.17	1.24	1.20	15.88	17/2/202 3	145-66
	Miss Jariya Biawang Chuanprasit	Plot 2	Khanthuli, Thachana, Suratthani	9°40'33. 89	99° 6'17.14	1.41	1.41	0.00	17/2/202 3	145-66
10 7	Miss Wipaporn Rueangket	Plot 1	Napaya, Langsuan, Chumphon	9°53'23. 95	99° 5'43.12	0.40	0.40	0.00	17/2/202 3	146-66
	Miss Wipaporn Rueangket	Plot 2	Napaya, Langsuan, Chumphon	9°53'25. 97	99° 5'48.10	0.43	0.43	0.00	17/2/202 3	146-66
10 8	Mr. Krit Sunbunrueang	Plot 1	Thungluang, Lamae, Chumphon	9°46'32. 30	99° 5'24.81	2.91	2.91	57.76	17/2/202 3	147-66
	Mr. Krit Sunbunrueang	Plot 2	Thungluang, Lamae, Chumphon	9°46'41. 08	99° 5'13.28	1.92	1.86	35.33	17/2/202 3	147-66
10 9	Mr. Chamnan Putilerd	Plot 1	Thamaphla, Langsuan, Chumphon	9°55'34. 77	99° 3'52.49	0.92	0.92	18.26	17/2/202 3	148-66
11 0	Mrs. Preeda Kongkakul	Plot 1	Napaya, Langsuan, Chumphon	9°54'2.0 9	99° 6'14.11	3.49	3.49	69.28	17/2/202 3	149-66
	Mrs. Preeda Kongkakul	Plot 2	Napaya, Langsuan, Chumphon	9°54'21. 41	99° 6'31.44	0.56	0.56	11.12	17/2/202 3	149-66
11 1	Mr. Chainarong Choysombut	Plot 1	Bankhuan, Langsuan, Chumphon	9°53'0.5 9	99° 4'36.11	1.16	0.39	7.74	17/2/202 3	150-66
	Mr. Chainarong Choysombut	Plot 2	Bankhuan, Langsuan, Chumphon	9°53'2.3 0	99° 4'32.76	1.26	1.26	25.01	17/2/202 3	150-66
	Mr. Chainarong Choysombut	Plot 3	Bankhuan, Langsuan, Chumphon	9°53'23. 91	99° 4'45.90	0.67	0.67	13.30	17/2/202 3	150-66
11 2	Miss Sunanta Jantarapat	Plot 1	Wangtakor, Langsuan, Chumphon	9°56'39. 98	99° 1'36.15	3.22	3.13	62.13	17/2/202 3	151-66
11 3	Mrs. Nongyao Prompratheep	Plot 1	Napaya, Langsuan, Chumphon	9°53'37. 47	99° 6'7.62	1.62	1.62	32.16	17/2/202 3	152-66
	Mrs. Nongyao Prompratheep	Plot 2	Napaya, Langsuan, Chumphon	9°52'8.3 9	99° 8'9.31	0.66	0.66	13.10	17/2/202 3	152-66
	Mrs. Nongyao Prompratheep	Plot 3	Napaya, Langsuan, Chumphon	9°52'0.5 2	99° 8'17.09	3.18	3.18	63.12	17/2/202 3	152-66
	Mrs. Nongyao Prompratheep	Plot 4	Napaya, Langsuan, Chumphon	9°52'5.7 2	99° 8'13.08	0.64	0.64	12.70	17/2/202 3	152-66



				GPS Re	eference	Area Summary (Ha)		Forecast		
N o	Name of farmer	Plot No.	Location	Latitude (N)	Longitu de (E)	Total Certifi ed Area	Total (Plant ed area)	ed annual FFB Producti on (MT)	Date of joining	Smallhol der ID
	Mrs. Nongyao Prompratheep	Plot 5	Napaya, Langsuan, Chumphon	9°52'26. 53	99° 8'13.34	2.44	2.18	43.27	17/2/202 3	152-66
11 4	Mrs. Tapanat Panpa	Plot 1	Khan-ngoen, Langsuan, Chumphon	9°54'48. 79	99° 3'33.32	0.88	0.88	17.47	17/2/202 3	153-66
	Mrs. Tapanat Panpa	Plot 2	Thamaphla, Langsuan, Chumphon	9°56'4.1 0	99° 3'33.40	1.03	1.03	20.45	17/2/202 3	153-66
11 5	Mr. Supachai Sornsoot	Plot 1	Napaya, Langsuan, Chumphon	9°54'47. 03	99° 6'2.42	2.70	2.70	53.60	17/2/202 3	154-66
	Mr. Supachai Sornsoot	Plot 2	Khan-ngoen, Langsuan, Chumphon	9°55'27. 68	99° 3'59.15	1.01	1.01	20.05	17/2/202 3	154-66
11 6	Mr. Luxachai Monoun	Plot 1	Bankhuan, Langsuan, Chumphon	9°54'04. 1	99°04'15. 6	2.60	1.56	30.97	26/1/202 4	155-67
	Mr. Luxachai Monoun *	Plot 2	Nakha, Langsuan, Chumphon	10°01'03 .6	99°04'31. 3	2.08	2.08	41.29	26/1/202 4	155-67
	Mr. Luxachai Monoun	Plot 3	Nakha, Langsuan, Chumphon	9°59'41. 1	99°04'44. 6	1.41	1.41	27.99	26/1/202 4	155-67
	Mr. Luxachai Monoun	Plot 4	Nakha, Langsuan, Chumphon	9°59'36. 3	99°04'40. 8	1.61	1.61	31.96	26/1/202 4	155-67
11 7	Mrs. Pathita Arrunrot *	Plot 1	Bangmaphrao, Langsuan, Chumphon	9°55'25. 0	99°06'35. 9	1.16	1.16	23.03	26/1/202 4	156-67
	Mrs. Pathita Arrunrot	Plot 2	Napaya, Langsuan, Chumphon	9°52'13. 1	99°07'24. 3	1.87	1.83	36.33	26/1/202 4	156-67
11 8	Mr. Kavin Srisuwan	Plot 1	Poadang, Langsuan, Chumphon	9°55'30. 6	99°05'23. 9	1.70	1.70	33.75	26/1/202 4	158-67
	275 Oil palm plot - Existing member:	planted. =black tex with addit	xisting members a t ional plot = Green		embers),	484.5 5	461.9 9	8970.10		



### **Appendix F: List of Abbreviations**

a.i Active Ingredient

BOD Biochemical Oxygen Demand

CB Certification Bodies

CHRA Chemical Health Risk Assessment

COD Chemical Oxygen Demand

CPO Crude Palm Oil

CSPO Certified Sustainable Palm Oil
CSPKO Certified Sustainable Palm Kernel Oil

EFB Empty Fruit Bunch

EHS Environmental, Health and Safety
EIA Environmental Impact Assessment
EMS Environmental Management System

FFB Fresh Fruit Bunch

FPIC Free, Prior, Informed and Consent

GAP Good Agricultural Practice

GHG Greenhouse Gas

GMP Good Manufacturing Practice
GPS Global Positioning System
HCV High Conservation Value
IPM Integrated Pest Management

IP Identity Preserved

IS - CSPO
 Independent Smallholder Certified Sustainable Palm Oil
 IS - CSPKO
 Independent Smallholder Certified Sustainable Palm Kernel Oil
 IS - CSPKE
 Independent Smallholder Certified Sustainable Palm Kernel Expeller

ISCC International Sustainable Carbon Certification

ISS Independent Smallholder Standard

LD50 Lethal Dose for 50 sample

MB Mass Balance

MSDS Material Safety Data Sheet

MT Metric Tonnes
OER Oil Extraction Rate

OSH Occupational Safety and Health

PK Palm Kernel
PKO Palm Kernel Oil
POM Palm Oil Mill

POME Palm Oil Mill Effluent

PPE Personal Protective Equipment
RSPO Roundtable on Sustainable Palm Oil

P&C Principles & Criteria

RTE Rare, Threatened or Endangered species SCCS Supply Chain Certification Standard

SEIA Social & Environmental Impact Assessment

SIA Social Impact Assessment SOP Standard Operating Procedure