

RSPO PRINCIPLE AND CRITERIA PUBLIC SUMMARY REPORT

□ Initial Assessment

☐ Recertification Assessment (Choose an item.)

⋈ Extension of Scope

Client Company Name / Parent Company: Sustainable Palm Oil Enterprise Network Pakpanang

Client Company / Parent Company Address: 118 MOO 8 Tambon Karaket, Chian Yai, Nakhon Si Thammarat 80190 , Thailand

Certification Unit:

Sustainable Palm Oil Enterprise Network Pakpanang

Location of Certification Unit: 118 MOO 8 Tambon Karaket, Chian Yai, Nakhon Si Thammarat 80190 , Thailand

Date of Final Report: 30/01/2024



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Section 1: Scope of the Assessment

1. Company Details					
Parent Company	Sustainable Palm Oil Enterprise Network Pakpanang				
RSPO Membership Number	1-0307-20-000-00	Membership A	pproval Date	20 November 2020	
Address	118 MOO 8 Tambon Kara	ket, Chian Yai, Nal	khon Si Thamma	arat 80190, Thailand	
Palm Oil Mill / Group Manager / Estate (Certification Unit)	Sustainable Palm Oil Ente	rprise Network Pal	kpanang		
Location / Address	118 MOO 8 Tambon Kara	ket, Chian Yai, Nal	khon Si Thamma	arat 80190, Thailand	
Website	None				
Management Representative	Miss. Jutharat Sikaew E-mail <u>pakpanang.palmoil@gmail.com</u>				
Telephone	+66 9-8091-1787	Facsimile	None		

2. Certification Informat	ion					
Certificate Number	RSPO 796915	Certificate S	Start Date	(06/11/2022	
Date of First Certification	06/11/2022	Certificate	Expiry Date	(05/11/2027	
Scope of Certification	Production of Sustainable Oil	Palm Fresh Fr	uit Bunches of Ir	ndep	oendent Smallholders	
Visit Objectives	with audit criteria.Evaluation of the ability	with audit criteria.				
Assessment Cycle	 □ Pre Assessment (Choose an item.) □ Initial Assessment ⋈ Annual Surveillance Assessment (ASA 1) □ Recertification Assessment (Choose an item.) ⋈ Scope Extension 					
Applicable Standards / Normative Reference	RSPO Certification System for P&C and RSPO ISH 2020 ☑ Independent Smallholder Standard 2019					
Supply Chain Module	⊠ Identity Preserved; □ Mas	☑ Identity Preserved; ☐ Mass Balance Mill Capacity None				
ISH certification Phase	☐ Eligibility ☐ Milestone A ☒ Milestone B ☐ Not Applicable					
Is this a remote audit or on-site audit	☐ On-site audit (Option AI)	☐ On-site aud	dit (Option AII)		Remote audit (Option B)	



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

4. Location(s) of Mill & Supply Bases						
Name	Location	GPS Coordinates				
(Mill / Supply Base / Group Manager / Smallholders)		Latitude	Longitude			
	118 MOO 8 Tambon Karaket, Chian Yai, Nakhon Si Thammarat 80190, Thailand	8°05'11.5"N	100°08'31.1"E			

5. Description of Supply Base						
New Planting Development	⊠ No			□ Yes		
Estate / Smallholders	Total Planted (Mature + Immature) (ha)	HCV (ha)		rastructure & Other (ha)	Total Area (ha)	% of Planted
Sustainable Palm Oil Enterprise Network Pakpanang – Existing	317.09	0		17.51	334.60	94.77
Sustainable Palm Oil Enterprise Network Pakpanang – New	636.11	0		20.32	656.43	96.90
Total	953.20	0		37.83	991.03	96.18

Note:

- 1. Previous certificate: 119 group members (200 Oil Palm plot planted). Total land title areas of the members under the unit of certification are 401.05 Ha of which all 378.46 Ha had been planted with oil palm
- 2. ASA1: Remain Exiting member 106 group members (176 Oil palm plot planted). Total land title areas of the members under the unit of certification are 334.60 Ha of which all 317.09 Ha had been planted with oil palm (Resigned 13 members (24 Oil palm plot), total land titles area 66.45 ha which 61.37 HA of Oil palm planted area)
- 3. ASA1: 106 Exiting member 106 group members total land titles 334.60 ha which oil palm planted area 317.09 ha
 - : 192 new members, 352 Oil palm plot planted total land titles 656.43 ha which oil palm planted area 636.11 ha



6. Plantings & Cycle						
Estate / Smallholders Age (Years) - ha					Mature	Immature
	0 - 3	4 - 14	15 - 25	>25		
Sustainable Palm Oil Enterprise Network Pakpanang – Existing	0	250.27	66.82	0	317.09	0
Sustainable Palm Oil Enterprise Network Pakpanang – New		480.25	155.86	0	636.11	0
Total (ha)	0	730.52	222.68	0	953.20	0

Note: Only Mature area is considered as production area

1. ASA1: 106 Exiting member 106 group members total oil palm planted area 317.09 ha

: 192 new members, 352 Oil palm plot planted total oil palm planted area 636.11 ha

7. Summary of Certified Tonnage of FFB (Own Certified Scope)						
Estate /	Tonnage (MT) / year					
Smallholders	Estimated last year (06 Nov 2022 to 05 (06 Nov 2022 to 15 Oct 2023)					
	Nov 2023)	Previous license period (NA)	Current license period (06 Nov 2022 to 15 Oct 2023)	Nov 2024)		
Sustainable Palm Oil Enterprise Network Pakpanang	4,718.93	NA	8,588.93	20,851.25		
Volume extension 03 Jul 2023	3,100.00					
Volume extension 02 Oct 2023	1500.00					
Total	9,318.93	8,58	8.93	20,851.25		

Note:

- Volume extension on 3 Jul 2023 is 3,100 MT. total certify = 7,818.93 MT
- 2. FFB produced over certify = 769.96 (8,588.93 7,818.93). Group manager has requested volume extension on 2 Oct 2023.
- 3. The forecast certified tonnage of FFB (Own Certified Scope) for next year, referencing the production record of FFB of all members (Exiting and new members) was used for the yield production 21.875 tFFB/hectare (3.50 tFFB/rai).



8. Summary of Certified Tonnage of FFB (from other certified unit(s))						
Estate /	Tonnage (MT) / year					
Smallholders	Estimated last year (Not Applicable)	Actual Forecast (Not Applicable) (Not Applicable)				
		Previous license period (Not Applicable)	Current license period (Not Applicable)			
N/A		NA	NA			
Total	Total NA					
Note:						

9. Summary of Non-Certified Tonnage of FFB (outside supplier — excluded from certificate)						
Out growers / Tonnage (MT) / year						
smallholders	Estimated last year (Not Applicable)	Act (Not App	Forecast (Not Applicable)			
		Previous license period (Not Applicable)	Current license period (Not Applicable)			
NA	NA	NA	NA	NA		
Total	NA	N	Α	NA		
Note:						

9A. N	9A. Monthly Records of Certified and Uncertified FFB Received since the last audit					
No.	Month - Year	Volume of FFB from certified supply base (mt)	Volume of FFB from uncertified supply base (mt)	Total FFB/Month (mt)		
1	N/A	N/A	N/A	N/A		
	TOTAL N/A N/A N/A					
Note	Note:					

10. Summary of Certified Tonnage (MT) (not applicable for ISS)						
Estimated last year (Not Applicable)		Ac (Not Ap	Forecast (Not Applicable)			
	Previous lice (Not App		Current license period (Not Applicable)			
FFB	FFB			FFB		
N/A	N/A		N/A	N/A		
	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	N/A			
Note: This table is not applicable for ISH.						

10A.	10A. Monthly Records of Certified CPO & PK since the last audit						
No.	Month - Year	Certified CPO (MT)	Certified PK (MT)				
1	N/A	N/A	N/A				
	TOTAL	N/A	N/A				
Note	Note: This table is not applicable for ISH.						

11. Summary of Actual Volume sold **Current License period (Not Applicable) Other Schemes Certified RSPO Certified** Conventional Total **ISCC Others** 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 License period (Not Applicable)** 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.

11A. Records of Certified CPO & PK Sold under PalmTrace since the last audit (if any)						
No.	Buyers Name	PalmTrace Trading License Number	Certified CPO Sold (MT)	Certified PK Sold (MT)		
	N/A	N/A	N/A	N/A		
		TOTAL	N/A	N/A		
Note: This table is not applicable for ISH.						



11B. Re	11B. Records of certified CPO & PK Sold under other schemes since the last audit (if any)						
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: Th	Note: This table is not applicable for ISH.						

11C. Re	11C. Records of CPO & PK Sold as conventional since the last audit (if any)						
No.	Buyers Name	CPO Sold (MT)	PK Sold (MT)				
N/A	N/A	N/A	N/A				
	TOTAL	N/A	N/A				
Note: This table is not applicable for ISH.							

11D. Records of Certified CPO Sold under RSPO Credits since the last audit (if any)							
No.	Buyers Name	PalmTrace Trading License Number	RSPO Credits of Certified CPO Sold				
	N/A	N/A	N/A				
	TOTAL N/A						
Note: Th	Note: This table is not applicable for ISH.						

12. Inde	12. Independent Smallholders Certified Tonnage (MT) / Volume								
	Estimated last year (06 Nov 2022 to 05 Nov 2023)		Actual (06 Nov 2022 to 15 Oct 2023)			Forecast (06 Nov 2023 to 05 Nov 2024)			
Phase	Eligibility	MS A	MS B	Eligibility	MS A	MS B	Eligibility	MS A	MS B
Pilase	40%	70 %	100%	40%	70%	100%	40%	70%	100%
FFB			9,318.93			8,588.93			20,851.25
IS-CSPO	NA	NA		NA	NA		NA	NA	
IS-CSPKO	NA	NA		NA	NA		NA	NA	
IS-CSPKE	NA	NA		NA	NA		NA	NA	
СЅРК	NA	NA		NA	NA		NA	NA	



12A.	12A. Monthly Records of Certified CPO, PK & PKE (equivalent) produced since the last audit						
No.	Month - Year	FFB (MT)	Certified CPO (MT)	Certified PK (MT)	Certified PKO (MT)	Certified PKE (MT)	
1	6 -30 Nov 2022	790.73	158.15	39.54	17.79	21.75	
2	Dec 2022	908.96	181.79	45.45	20.45	25.00	
3	Jan 2023	949.00	189.80	47.45	21.35	26.10	
4	Feb 2023	855.97	171.19	42.80	19.26	23.54	
5	Mar 2023	650.64	130.13	32.53	14.64	17.89	
6	Apr 2023	565.86	113.17	28.29	12.73	15.56	
7	May 2023	539.09	107.82	26.95	12.13	14.82	
8	Jun 2023	720.68	144.14	36.03	16.22	19.82	
9	Jul 2023	748.19	149.64	37.41	16.83	20.58	
10	Aug 2023	746.49	149.30	37.32	16.80	20.53	
11	Sep 2023	722.63	144.53	36.13	16.26	19.87	
12	1-15 Oct 2023	390.70	78.14	19.54	8.79	10.74	
	TOTAL	8,588.93	1,717.79	429.45	193.25	236.20	

Note: 1 mt = 1 credit

- 1. FFB produced 8,588.93 (Physical = 8,322.98 MT and credit = 265.91 MT),
- 2. In period 6 Nov 2022 to 15 Oct 2023 sold as physical is 7,500 MT. remaining = 822.98 MT.

13. Inde	13. Independent Smallholders Actual Sold Tonnage / Volume							
	FFB	FFB Conventional	FFB Other schemes	IS-CSPO	CSPK	IS-CSPKO	IS-CSPKE	
Current Li	Current License period (06 Nov 2022 to 15 Oct 2023)							
Credits				0	0	0	0	
Physical	7,500	0	0					
Previous L	Previous License period (NA)							
Credits				NA	NA	NA	NA	
Physical	NA	NA	NA					



13A.	13A. Records of Certified FFB, CPO, PK & PKE (including credits) sold since the last 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	Thaitallow and Oil co.,Ltd (Site 3)	RSPO_PO10000122 90	2,500	0	0	0	0		
2	Thaitallow and Oil co.,Ltd (Site 3)	RSPO_PO10000122 90	2,000	0	0	0	0		
3	Thaitallow and Oil co.,Ltd (Site 3)	RSPO_PO10000122 90	2,000	0	0	0	0		
4	Thaitallow and Oil co.,Ltd (Site 3)	RSPO_PO10000122 90	1,000	0	0	0	0		
		TOTAL	7,500	0	0	0	0		

Note:

- 1. This period FFB produced 8,588.93, sold as directly to Mill (Physical) = 7,500 MT
- 2. Remaining FFB reference the details note table 7.



Section 2: Assessment Process

Certification Body:

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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 16-20 Oct 2023, 24-25 Oct 2023. The audit programme is included as Section 2.3. Where applicable.

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 Critical NC close out on-site assessment was conducted on 26 Dec 2023. The audit programs are included in Section 2.3.

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 (Certification)	Year 2 (ASA1)	Year 3 (ASA2)	Year 4 (ASA3)	Year 5 (ASA4)	
SUSTAINABLE PALM OIL ENTERPRISE NETWORK PAKPANANG (106 Existing Members)	Х	X	Х	Х	Х	
SUSTAINABLE PALM OIL ENTERPRISE NETWORK PAKPANANG (192 new members	N/A	X	Х	Х	Х	

Tentative Date of Next Visit: October 16, 2024 - October 25, 2024

Total Number of Mandays: 15 Mandays

2.2 BSI Assessment Team

Name	Role	Competency
Mr. Supiwat Nentakong	Team Leader	Education: Bachelor of Science (Fisheries) KASETSART University, Thailand in 1998.
		Work Experience: 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, RISS 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.
		Training attended: 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:



		☑ ISH context (ICS, internal audit, policy, business planning and trading		
		system)		
Mrs. Chongrak Takard	Team Member	Education: 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. Work Experience: 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.		
		Training attended: 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.		
		Language proficiency: Fluent in Thai language and moderate in English.		
		Language proficiency: Fluent in Thai language and moderate in English. Aspect covered in this audit:		
		Aspect covered in this audit:		
		Aspect covered in this audit: ☐ Good Agriculture Practice ☐ Health and Safety ☐ Supply chain requirements		
Ms.Jutamas Gunthong	Team Member	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		
	Team Member	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) Education: Hold a Bachelor degree of Science (Fisheries), Kasetsart University, Thailand and Master degree of Science in Aquaculture and Aquatic		
	Team Member	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) Education: 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 Work Experience: 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		
	Team Member	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) Education: 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 Work Experience: 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. Training attended: 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		



		$oxed{\boxtimes}$ Good Agriculture Practice $oxed{\boxtimes}$ Health and Safety $oxed{\square}$ Supply chain requirements
		☐ Social ☑ Environmental ☐ Market Communication and claim requirements
		oximes ISH context (ICS, internal audit, policy, business planning and trading system)
Dr. Suhaili Bin Sahari	Peer Reviewer	Education: 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.
		Work Experience: 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
		9. GAP Standard: Global GAP, Euro GAP.

2.3 Assessment Plan

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



Date	Time	Subjects		Auditor		
			SWN	СТА	JMG	
Monday, 16 Oct 2023	09.00-09.30	Description of activity for each day, including travelling/flight detail, opening meeting, documentation review, site visit, closing meeting, etc.	/	/		
	9.30-18.30	Field visit at the 10 smallholders' plantations	/	/		
		Interview with smallholders				
		Observation on harvesting, agrochemicals and fertilizers application, land use rights, land conflict, boundary demarcation, riparian zone protection, wastes management, occupational safety risk management, etc.				
	12.00-13.00	Lunch Break				
	18.30 -19.00	Interim closing briefing of Day 1				
Tuesday 17 Oct 2023	09:00 - 18:30	Field visit at the 11 smallholders' plantations continue from monday	/	/		
		Interview with smallholders				
		Observation on harvesting, agrochemicals and fertilizers application, land use rights, land conflict, boundary demarcation, riparian zone protection, wastes management, occupational safety risk management, etc.				
	12.00-13.00	Lunch break				
	18.30 -19.00	Interim closing briefing of Day 2				
Wednesday 18 Oct 2023	09:00 - 18:30	 Group Manager/Internal Control System Internal Control System Requirements for Smallholder Groups Review of members' profiles & key management documents Document Audit: Public documents, SOPs, Policies, LUCA & RaCP, 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 4: Protect, conserve and enhance ecosystems and the environment Principle 4: Protect, conserve and enhance ecosystems and the environment 				
	09.00-18.30	Field visit at the 10 smallholders' plantations continue from Monday	/	/		



Date	Time	Subjects		Auditor		
				СТА	JMG	
		Interview with smallholders Observation on harvesting, agrochemicals and fertilizers application, land use rights, land conflict, boundary demarcation, riparian zone protection, wastes management, occupational safety risk management, etc.				
	12.00-13.00	Lunch break				
	18.30 -19.00	Interim closing briefing of Day 3				
Thursday 19 Oct 2023	09:00 - 18:30	Field visit at the 10 smallholders' plantations continue from monday	/	/		
		• Interview with smallholders Observation on harvesting, agrochemicals and fertilizers application, land use rights, land conflict, boundary demarcation, riparian zone protection, wastes management, occupational safety risk management, etc.				
	09.00-18.30	 Group Manager/Internal Control System Internal Control System Requirements for Smallholder Groups Review of members' profiles & key management documents Document Audit: Public documents, SOPs, Policies, LUCA & RaCP, 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 4: Protect, conserve and enhance ecosystems and the environment Principle 4: Protect, conserve and enhance ecosystems and the environment 			/	
	12.00-13.00	Lunch break				
	18.30 -19.00	Interim closing briefing of Day 4				
Friday 20 Oct 2023	09:00 - 18:30	 Group Manager/Internal Control System Internal Control System Requirements for Smallholder Groups Review of members' profiles & key management documents Document Audit: Public documents, SOPs, Policies, LUCA & RaCP, Internal audit, Production & traceability requirements, FFB pricing, legal and other requirements, 	/	/	/	



Date	Time	Subjects		Auditor	•
			SWN	СТА	JMG
		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			
		Stakeholders' consultation (surrounding communities, government agencies, contractors, vendors, NGO, previous land owner/user interview etc.)			
	12.00-13.00	Lunch break			
	18.30 -19.00	Interim closing briefing of Day 5 Travel to Airport.			
Tuesday 24 Oct 2023	09:00 - 18:30	 Group Manager/Internal Control System Internal Control System Requirements for Smallholder Groups Review of members' profiles & key management documents Document Audit: Public documents, SOPs, Policies, LUCA & RaCP, 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 	/	/	
	12.00-13.00	Lunch break			
	18.30 -19.00	Interim closing briefing of Day 6			
Wednesday 25 Oct 2023	09:00 – 16:30	 Group Manager/Internal Control System Internal Control System Requirements for Smallholder Groups Review of members' profiles & key management documents Document Audit: Public documents, SOPs, Policies, LUCA & RaCP, Internal audit, Production & traceability 	/	/	



Date	Time	Subjects		Auditor	
			SWN	СТА	JMG
		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 4: Protect, conserve and enhance ecosystems and the environment			
		Principle 3: Respect human rights, including workers' rights and conditions			
		Principle 4: Protect, conserve and enhance ecosystems and the environment			
	16.30-17.00	Audit team discussion & preparation for closing meeting	/	/	
	12.00-13.00	Lunch break			
	17.30-18.00	Closing meeting (18.00 Travel to Airport)			

NOTES:

List of sampled group Members: Total actual 41 members - 13 of Existing members, 28 of new members. Please see Appendix E for sampled members.

Date	Time	Subjects	Auditor
Tuesday, 26/Dec/2023	09:00- 09.30	Description of activity for each day, including travelling/flight detail, opening meeting, documentation review, site visit, closing meeting, etc	SWN
	09:30- 17:30	On site Close-nonconformities to review from 6 major nonconformities (2406018-202310-M1, 2406018-202310-M2, 2406018-202310-M3, 2406018-202310-M4, 2406018-202310-M5, 2406018-202310-M6)	SWN
	17:30	Travel to AIRPORT	SWN

NOTES: On site Close NCR



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	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	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	Not Applicable
Any deviations from the maximum periods requires approval by the RSPO Secretariat.	Not applicable	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	Not Applicable
Have there been any isolated lapses in implementation of the plan? If yes a Minor non-compliance shall be raised	Not applicable	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 Major non-compliance shall be raised	Not applicable	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	Not Applicable
Any new plantings since January 1 st 2010 shall comply with the RSPO New Plantings Procedure.	Not applicable	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	Not Applicable
Any Labor disputes are being resolved through a mutually agreed process, in accordance with RSPO P&C criterion 4.2	Not applicable	Not Applicable
Any Legal non- compliance is being addressed through measures consistent with the requirements of RSPO P&C criteria 2.1	Not applicable	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	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	Not Applicable
Have there been any stakeholder (including NGO) consultation conducted?	Not applicable	Not Applicable

3.2 Progress of scheme smallholders and/or outgrowers

Progress of scheme smallholders or outgrowers towards compliance with relevant standard				
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	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



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 Six (6) Critical; (0) Minor nonconformities and O Opportunity For Improvement raised. The $Sustainable\ Palm\ Oil\ Enterprise\ Network\ Pakpanang\ Certification\ unit\ submitted\ Corrective\ Action\ Plans for the nonconformity. Corrective\ action\ plans\ with\ respect\ to\ the\ nonconformity\ was\ reviewed\ by\ the\ BSI\ audit\ team\ and\ accepted.$

The implementation of the corrective action plans to address the minor nonconformity will be followed up during the next surveillance assessment (not applicable for RSPO ISH standard/audit). The implementation of the Corrective Actions for the Critical Nonconformity(ies) has been verified for its effectiveness and closed accordingly. The below is the summary of the non-conformity raised during this assessment.

Non-conformity						
NCR Ref #	2406018-202310-M1	Issued Date	25 Oct 2023			
Due Date	24 Jan 2024	Closure Date	26 Dec 2023			
Indicator & Category (Critical / Minor)	1.2 MSA/ Critical					
Statement of Nonconformity:	Smallholders not complete planning	training on farm business op	perations, monitoring and			
Requirement Reference:		ining on farm business ope des capacity building on recor transactions, and variety				
Objective Evidence:		no. 30518032, 30518064 four business operations, monituilding.				
Corrections:	Provide training on standard requirements and internal audit Provide refresher training every year which will be trained farm business operations, monitoring and planning. The training includes capacity building.					
Root Cause Analysis:	 Because members do not importance to participating in activities with the group. Because members have a duty to care for patients 					
Corrective Actions:	 Add communication channels so that members can receive details in training, such as setting up a LINE group for sending VDO clips and various knowledge documents on topics that members need to be aware of members. Take measures for disciplinary punishment according to group rules. 					
Assessment Conclusion:	 as follow Verifying the training re 2023. Verifying the logbook of Communication to all needs 	it on 26 Dec 2023 found the g cord to members ID 305180 members ID 30518032, 3051 nembers via group line appl employee to realize the imp	32, 30518064, on 5 Nov 8064, all data completed. ication on 25 Nov 2023			



• The group determined to refresh training about farm business operations, monitoring and planning to all members via ordinary meeting on 27 Jan 2024.
The correction and corrective action have been implemented. The action plan by the group is effective, this non-conformity has been addressed and it is now closed. The continuous effective implementation will be followed up next assessment.

Non-conformity			
NCR Ref #	2406018-202310-M2		
Due Date	24 Jan 2023	Closure Date	26 Dec 2023
Indicator & Category (Critical / Minor)	3.2 MSA/ Critical		
Statement of Nonconformity:	On site found children are	worker family are worked da	ngerous work.
Requirement Reference:	Children are only permitted to help on family farms and are not permitted to perform dangerous, hazardous or heavy work.		
Objective Evidence:	From onsite assessment and interviews with group member 30817003, 30116053 found that there was family labor of a 15-year-old. Working as a tractor driver and harvesting FFB .		
Corrections:	 Training to members about labor, child labor, and safety. Improve labor registration and Information child labor not works about dangerous, hazardous or heavy work. 		
Root Cause Analysis:	 The group did not survey or monitor Child labor additional activities in the plots. The members is still a lack of knowledge and understanding about Child labor 		
Corrective Actions:	Monitoring use of child labor according to the Family workers labor register at least once a year and established policy not use child labor by group manager.		
Assessment Conclusion:	 From verified by on site audit on 26 Dec 2023 found the group had improvement as follow The Group provide ICS refresh training to all members on 30 Nov 2023 by Labor department officials. The group had updated Policy about not use child labor and the Sustainability Manual Group Rev. 06, dated 30/11/2023. Verify found group members on. 30817003, 30116053 stopped use child labor and family workers. The correction and corrective action have been implemented. The action plan by the group is effective, this non-conformity has been addressed and it is now closed. The continuous effective implementation will be followed up next assessment. 		



Non-conformity			
NCR Ref #	2406018-202310-M3	Issued Date	25 Oct 2023
Due Date	24 Jan 2023	Closure Date	26 Dec 2023
Indicator & Category (Critical / Minor)	Criteria 3.5; Milestone A / C	Critical	
Statement of Nonconformity:		ociated with farm work, (includent of the cover all activity at oil pale	
Requirement Reference:	Milestone A: Smallholders	ilities are safe and meet mining, workers, and family member y risks associated with farm mitigate them	ers complete training and
Objective Evidence:	On site verify found member ID. 30520086 used boats to transport FFB in plots that have been flooded and members ID.30518007 uses chainsaws to cut down palm trees and members ID.30118107 where a backhoe was used working in the palm plantation area. However, the review of documents and interviews with group members, found the group manager had no evidence of occupational health and safety risk management measures and how to mitigate them as activity above and no plan cholinesterase testing for members use chemicals		
Corrections:	Group manager reviewed, surveyed all activity in oil palm planted and conducted health and safety risk assessment as using chemicals by drilling oil palm trees for pest control, using boats and backhoe in the palm plantation then training and communicated to all concern members by group manager on 23 Nov 2023 The Group reviewed and updated plans cholinesterase testing be completed on 15 Dec 2023 by Karaket Hospital.		
Root Cause Analysis:	The group did not survey or monitor additional activities in the garden. that has caused changes in activities within the oil palm plantations of members as a result, they did not follow up on the risks that occurred. that will have an impact on health and Environment in the community.		
Corrective Actions:	 Group manager will be a survey of members' planted activities in the Internal audit and stakeholder assessment that were affected by activities within the garden that there will be health and environmental risks to the community, followed up every year to develop and manage the group's risks steps added to the group management manual. Provide training on work risks to members About occupational health and safety and communicate with members about the procedures for notification, Training plan on next year in Jan 2024 and Apr 2024. Training on occupational health and safety and there are activities where members will participate in searching for activities in the oil palm filed that will create risks in their work. Operated 		
Assessment Conclusion:	 by group manager Verified the objective evidence by On site audit on 26 Dec 2023, found that the correction and corrective action have been implemented on 30 Nov 2023. The Risk assessment with the mitigation was updated on 23 Nov 2023 by group committee. 		



 Communication to all members via group line application on 30 Nov 2023 including remind to all employee to realize the importance of informing the group.
 The group determined to refresh training to all members via ordinary meeting on 27 Jan 2024 and updated plans cholinesterase testing be completed on 15 Dec 2023 by Karaket Hospital.
The correction and corrective action have been implemented. The action plan by the group is effective, this non-conformity has been addressed and it is now closed. The continuous effective implementation will be followed up next assessment.

Non-conformity				
NCR Ref #	2406018-202310-M4			
Due Date	24 Jan 2023	Closure Date	26 Dec 2023	
Indicator & Category (Critical / Minor)	4.6 MSB/ Critical			
Statement of Nonconformity:	Smallholders use fire or practice burning waste management			
Requirement Reference:	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.			
Objective Evidence:	From the verification of visits to plots by Member no. 30518060, 30518032, 30518020 was found that use fire burning waste within the plot.			
Corrections:	Provide training on smallholders is still knowledge and understanding about waste management			
Root Cause Analysis:	Smallholders is still a lack of knowledge and understanding about waste management			
Corrective Actions:	Provide training on standard requirements and provide refresher training every year which will be trained. Issue regulations and policies for the group. Have members abide by zero burning			
Assessment Conclusion:	Verified the objective evidence by On site audit on 26 Dec 2023, found that the correction and corrective action have been implemented on 05 Dec 2023. - Verifying the training record to members - Communication to all members via group line application on 5 Dec 2023 - The group determined to refresh training to all members via ordinary meeting on 27 Jan 2024. - Update policies for the group. Have members abide by zero burning			



Non-conformity			
NCR Ref #	2406018-202310-M5	Issued Date	25 Oct 2023
Due Date	24 Jan 2023	Closure Date	26 Dec 2023
Indicator & Category (Critical / Minor)	Criteria 4.8 Milestone B / Cr	itical	
Statement of Nonconformity:	Group not updated list of al Glufosinate-ammonium.	I pesticides used in the plots	of small farmers such as:
Requirement Reference:	pesticides by pregnant ar exclusion of paraquat and p	IPS for all pesticide use, income of the street of the str	nd young workers, and das WHO Class 1A or 1B,
Objective Evidence:	From the verification of the visit to plot member ID.30518051 where chemicals were used. Glufosinate-ammonium however group not updated list of all pesticides used in the plots of Smallholders.		
Corrections:	 Follow up on all members who have used pesticides. To record the chemicals used in the member's logbook. and record names of chemical uses It is the group's chemical registration information. Conducted on 15/12/2023, went to the area to follow up on plots of members who used chemicals. to record in the book and updated list of all pesticides used in the plots of Smallholders group information operated by Group manager. Collect a list of chemicals that are prohibited from being purchased and used that are registered as hazardous substances. in the Stockholm Convention and the Rotterdam Convention Always keep updated. Implemented on 15/12/2023 and follow up on training and further examination of chemicals in the body. 		
Root Cause Analysis:	Some members, including contractors, still lack awareness of waste management and implement BMPS for all pesticide use in oil palm plantations.		
Corrective Actions:	 Check and follow up on chemical used by members. In inspecting the plot annual audit Always communicate with members completed on 15 Dec 2023. Issue regulations and policies for the group. Have members abide by, not buying, not using chemicals that have been announced to be prohibited according to the convention, and have members inform the group of information. When pesticides are used and herbicides, communicated to members via Group line application on 15 Dec 2023. Established the refresh training to all members on 27 Jan 2024 via ordinary meeting ofY2023 to 2024. 		
Assessment Conclusion:	 the correction and correctiv The member used chem on 15 Dec2023 The 11 Chemical spraye The SDS of chemical successions 	nce by NC closure on site on e action have been implement nical Glufosinate-ammonium and r (casual worker) list, update that are prohibited (Stockhoon 15 Dec 2023	and chemical list updated d on 15 Dec 2023



• Training record of members who used chemical in oil palm plot planted such as member ID30518051, refresh training on 15 Dec 2023.
The correction and corrective action have been implemented. The action plan by the group is effective, this non-conformity has been addressed and it is now closed. The continuous effective implementation will be followed up next assessment.

Non-conformity			
NCR Ref #	2406018-202310-M6		
Due Date	24 Jan 2023	Closure Date	26 Dec 2023
Indicator & Category (Critical / Minor)	1.3 MSB/ Critical		
Statement of Nonconformity:		nderstand. regarding record kesponding to the amount on A and Criterion B	
Requirement Reference:	Smallholders have adopted through, but not limited to,	GAP on their farms and a records of FFB sales.	are tracking productivity
Objective Evidence:	From the verification of recording and keeping records of the purchase of FFB. and certified products found that new members still did not understand and not comply according to the procedure manual Sustainability Management Manual .		
Corrections:	 Organize training on requirements and GAP and are tracking productivity through, records of FFB sales assessments. Group Manager invited external trainer who have knowledge and experience in auditing according to RSPO standards, to provide 1 day training in 30 Dec 2023 at the office group. Create a production control system that will sell FFB for credit by calculating the data in the Excel program according to the actual production volume. By group manager. 		
Root Cause Analysis:	Smallholders is still a lack of knowledge and understanding about adopted GAP on their farms and are tracking productivity through, records of FFB sales		
Corrective Actions:	 Provide training on standard requirements provide refresher training every year which will be trained GAP and are tracking productivity through, records of FFB sales assessments. Study and visit the operations of other groups to learning knowledge GAP and are tracking productivity through, records of FFB sales assessments. 		
Assessment Conclusion:	 From verified by on site audit on 26 Dec 2023 found the group had to improvement as follow The Group provide refresh training to all member on 30 Nov 2023 by Group manager. Verifying a production control system that will sell FFB for credit. By calculating the data in the Excel program according to the actual production volume. Representative by Group manager on 25 Oct 2023. Verifying data found FFB production during the previous and current certification period FFB/month data is recorded as Certified CPO, PKO, PKE and converted to credit sold to get the total CPO produced and credit sold. To be consistent with the completion date. 		



The correction and corrective action have been implemented. The action plan by
the group is effective, this non-conformity has been addressed and it is now closed.
The continuous effective implementation will be followed up next assessment

Opportunity for Improvements		
OFI#	Description	
OFI 1	NA NA	

Positive Findings		
PF#	Description	
PF 1	NA NA	

3.3.1 Status of Nonconformities Previously Identified and Opportunity for Improvement

Previous Audit Critical (Major) Non-conformity				
NCR Ref #	M 05	Issued Date	15 Jun 2022	
Due Date	14 Sep 2022	Closure Date	10 Aug 2022	
Indicator & Category (Critical / Minor)	Critical B1.1 (MSB)			
Statement of Nonconformity:	The ICS internal audit plan of requirement	Y2021 and Y2022 is not clar	ify / consistency with the	
Requirement Reference:	The ICS is implemented and an annual internal audit of the group is conducted for all group members and all audit findings are resolved.			
Objective Evidence:	· · · · · · · · · · · · · · · · · · ·			
Corrections:	1.1 Update details of plans and results Member internal audits and new records 2.1 New Group Manager Assessment Form to cover the collection of production numbers, sales, and monitoring within the group			



	2.2 Meeting of directors and members to clarify the schedule for the submission of production memorandums		
Root Cause Analysis:	1.1 Plans and results of internal audits are not appropriate making its use ineffective 2.1 Internal auditors lack experience in auditing, resulting in pre-credit sales inspections. not checked in the correct way		
Corrective Actions:	1.1 The group reviewed the audit plan and recorded the results of the internal audit in the plan-results of the internal audit (Nom-P-001) when doing the internal audit at least once a year.		
	2.1 Group Manager Audit Mus	st be examined by an experie	enced person.
	2.2 Meeting to clarify the iss meeting once a year	ue of production in the agen	da of the annual general
	2.3 Adjust the production follo a month in the event that sal		be more frequent to once
Assessment Conclusion:	Based on a review of evidence for corrective action for evidence inconsistencies by the group, such as the revised production and sales summary report on July 26, 2012, the group audit was conducted on August 4, 2022. Covered in all requirements and minutes of the meeting of group representative and committee held on 28 June 2022 to clarify the recording and reporting of each member's output from the initial evidence, the auditor agrees to take action to correct such inconsistencies.		
Effectiveness Closure (for previous audit closed Critical NC):	From verified in this audit (ASA 1), found the group update details of plans and results Member internal audits such as the revised production and sales summary report and clarify the issue of production in the agenda of the annual general meeting. Therefore, this NC Major remains closed.		
Previous Audit Critical	(Major) Non-conformity		
NCR Ref #	M 06	Issued Date	15 Jun 2022
Due Date	14 Sep 2022	Closure Date	10 Aug 2022
Indicator & Category (Critical / Minor)	C1.1 (MS B)/ Critical		
Statement of Nonconformity:	The group has not shown how the group's growth compared to the previous year.		
Requirement Reference:	The group demonstrates financial stability and growth and is able to support itself financially.		
	What is the growth of the group compared to the previous year?		
Objective Evidence:	From the review of the meeting minutes of the 2022 Annual Meeting (8, 14, 17, 18 and 19 Feb 2022) for reporting on 23 April 2022, it was found that the group only reported on the 2022 annual plan (1 Aug 2021 to 31 Aug 2022). which is a budget plan but on the agenda not yet notified Regarding the financial status of the group in the past year, let members know (01/08/2020 to 30 Sep 2021) whether they are in accordance with the business plan that the group has set or not, including the budget that has been used to reduce or more than planned		
Corrections:	Organize the Annual Genera meeting evidence. With detai of the group's work plan are	ls of financial status The resu	



Root Cause Analysis:	The group did not clearly define the agenda/material of the meeting, thus causing the issues in the meeting to be incomplete. causing the group to not provide details financial status Inform members to receive information on the agenda of the 2021 Annual Meeting			
Corrective Actions:	Improve the Sustainability Management Manual The details of the meeting agenda were added to the topic of the Annual General Meeting. and conduct an annual general meeting according to the details of the meeting agenda, which is held at least once a year			
Assessment Conclusion:	From the review of evidence to resolve the inconsistency issue from the minutes of the 2nd group meeting, proceeding separately for each area as follows: June 24, 2022 Conducted a meeting at Moo 9, Khao Phra Bat Sub-district, on June 30, 2022 Conducted a meeting at Moo 9 12 Karaket Sub-district and on July 7, 2022 conducted a meeting at the Khok Yang Sub-district, Cha-uat District, and found that the minutes of the meeting discussed the group's financial management and financial stability, comparing the financial growth of The group compared to the previous year and also clarified the group management plan to be implemented in 2022. Based on the above evidence, the auditor agree to address the inconsistencies.			
Effectiveness Closure (for previous audit closed Critical NC):	From verified in this audit (ASA 1), found the group trained on found that the minutes of the meeting discussed the group's financial management and financial stability, comparing the financial growth of The group compared to the previous year and also clarified the group management plan to be implemented in 2023. Therefore, this NC Major remains closed.			
Previous Audit Critical ((Major) Non-conformity			
NCR Ref #	M07	Issued Date	15 Jun 2022	
Due Date	14 Sep 2022	Closure Date	10 Aug 2022	
Indicator & Category (Critical / Minor)	C.2.1 (E)/Critical.			
Statement of Nonconformity:	From visit to the smallholder plots, found there are physical evidence of the dispersal waste on their plot.			
Requirement Reference:	A group management plan is available, which includes: plan for continuous improvement projects (i.e. on waste, soil, etc.)			
Objective Evidence:	An audit of members' plots found that some members did not comply with waste management regulations, waste management and disposal plans, such as found plastic waste, and glass bottles on their plot. For example member ID 30817010, Plot no.4, and 30116043 plot no. 3			
Corrections:	1. Prepare a plan for waste management in the oil palm plantation.			
	2. Training and knowledge on waste management in oil palm plantations			
	3. Put up a sign "Do not throw rubbish in the plot"4. Prepare containers for trash.			
	5. Dispose of garbage in palm plots.			
Root Cause Analysis:	Members lack knowledge of waste management in oil palm plantations, do not specify an area/container for dumping waste.			



	2. Some members, including contractors, still lack awareness of waste management in the plots. There is a habit of throwing garbage in the wrong place.			
Corrective Actions:	1. The group has reviewed the implementation of the members in the internal audit.			
	2. Penalties for members who	2. Penalties for members who do not comply with the rules of the group agreement		
Assessment Conclusion:	The auditors reviewed the evidence to resolve the nonconformities and found that the group has periodically developed a waste management plan and recrod as follows: 1. Training for knowledge on proper waste management (30/6/22 and 7/7/22) 2. Carry out waste disposal in the palm plantation. 3 Install a sign that prohibits littering in the plot. 4 Provide bins or equipment to collect waste in the palm plantation. Based on the above evidence, the auditor agrees to take action to correct the inconsistency.			
Effectiveness Closure (for previous audit closed Critical NC):	From verified in this audit (ASA 1), found the group trained knowledge on waste management in oil palm plantations, seen plan for waste management in the oil palm plantation and seen a sign "Do not throw rubbish in the plot Therefore, this NC Major remains closed			
Previous Audit Critical	(Major) Non-conformity			
NCR Ref #	M 08	Issued Date	15 Jun 2022	
Due Date	14 Sep 2022	Closure Date	10 Aug 2022	
Indicator & Category (Critical / Minor)	D1.1 MS B/Critical			
Statement of Nonconformity:	The process of tracking and recording the source of fresh fruit brunch stocks among certified group members is unclear. This cases the potential for contamination with uncertified FFB.			
Requirement Reference:	D1.1 (MS B): Group manager maintains annual production records and sales of certified volumes of all FFB sources.			
Objective Evidence:	The group's managers monitored the production and the source of the FFB yield of the certified group members was unclear. This case inaccuracies in the production of certified FFB records, contamination from certified and non-certified plantations for example, the production records between 06 Aug 2021 to 30 Apr 2022 such as member ID no. 30817010			
Corrections:	 Improve the group manual in the process of examining and sorting the production to be comprehensive. Harvesting, separating production, recording, collecting production quantities Training to educate on the topic of harvesting transportation of produce and record production yield Record certified yield. Record group productivity, update up to a month of Jun 2022 			
Root Cause Analysis:	 The Sustainability Management Manual does not update on productivity. Transportation and adulteration Members lack knowledge and awareness on the harvesting and transportation of 			
	certified and non-certified palm oil products.			



Corrective Actions:	1. The group reviews the sustainability management manual. at least once a year 2.According to the production audit and record keeping, in the event there is a tendency to oversell or risk in advance, the group will increase the frequency of collecting production quantities at least once a month.			
Assessment Conclusion:	From the review of evidence to resolve inconsistencies that the group has carried out, it was found that the manual on sustainable oil palm plantation management has been revised and became effective on July 1, 2022. Training records to educate members. about harvesting, transporting and saving their own produce. Evidence of member productivity records and group productivity summary report, last updated to July 2022. Based on that evidence, the auditor verifies and deems corrective action to be acceptable.			
Effectiveness Closure (for previous audit closed Critical NC):	From verified in this audit (ASA 1), found the group update sustainability management manual add sorting the production to be comprehensive. Harvesting, separating production, recording, collecting production quantities in sustainability management manual and seen Training to educate on the topic of harvesting transportation of produce and record production yield, according to the production audit and record keeping, in the event there is a tendency to oversell or risk in advance, the group will increase the frequency of collecting production quantities at least month. this NC Major remains closed			
Previous Audit Critical ((Major) Non-conformity			
NCR Ref #	M09	Issued Date	15 Jun 2022	
Due Date	14 Sep 2022	Closure Date	10 Aug 2022	
Indicator & Category (Critical / Minor)	2.2 E/Critical			
Statement of Nonconformity:	The PLUs are not update status and contact address or telephone number .			
Requirement Reference:	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 (Ref. Indicator 1.1 E, Annex 2).			
Objective Evidence:	During the Onsite audit. Currently, the group only has a list of the original landowners. But there are no details of the acquisition by any method. There is no details of the status of previous land users (original landowner) from all lists, such as pass away, migration and etc. as for 33 sampling PLUs.			
Corrections:	Improve the existing land user registration to cover details of the acquisition of land held by members to cover			
	2. Inquire and record the details of the acquisition of land held by the current member. In the case of new members, the group checks the details of the acquisition of land held by members. new member			
	- Update the Sustainability Management Manual The details of the acquisition of land held by members have been added to the Membership and Registration section.			
	- In case there is a new member Members must provide the group with comprehensive information about the acquisition of land.			



Root Cause Analysis:	 The former land user registration, the topic does not cover the details of the acquisition of the land held by the members. Situation of land acquisition, when, how, from whom, contact number of the former landowner The Sustainability Management Manual contains unclear information on the acquisition of land held by members. The group did not ask for comprehensive member information. 		
Corrective Actions:	Review the former land user registration. At least once a year during internal audit procedures		
Assessment Conclusion:	Verifying the evidence for resolving inconsistencies in which the auditors verifies the names of the previous landowners of the group members, it was found that the group has updated the information to cover details such as the name of the previous landowner, the owner's name. The current land owner, the transfer date, the title document number, the transfer date, the ownership transfer date, the former landowner's address, including the living status of the previous landowner, as well as the provision of a form to enter the new member's information about The previous owner of the land from the preliminary evidence, the auditor deems appropriate to agree to resolve the issue of such inconsistency.		
Effectiveness Closure (for previous audit closed Critical NC):	From verified in this audit (ASA 1), found the group update information to cover details such as the name of the previous landowner, the owner's name. The current land owner, the transfer date, the title document number, the transfer date, the ownership transfer date, the former landowner's address, including the living status of the previous landowner, as well as the provision of a form to enter the new member's information about The previous owner of the land from the preliminary this NC Major remains closed		
Previous Audit Critical (Major) Non-conformity		
NCR Ref #	M10	Issued Date	15 Jun 2022
Due Date	14 Sep 2022	Closure Date	10 Aug 2022
Indicator & Category (Critical / Minor)	Criteria 3.1B/Citical		
Statement of Nonconformity:	The list of all workers on farm does not cover currently casual workers and family workers.		
Requirement Reference:	Workers on the farm, including their families, have unrestricted access to their identity documents, have freedom of movement and can declare that their employment is freely chosen.		
Objective Evidence:	From the onsite assessment and document review, the worker registered of the group member found that the worker registration does not cover the names that are currently in use of family workers and casual workers. For example, Family workers does not found other family members that work in the plot and Casual workers found only team leader's name.		
Corrections:	 workers found only team leader's name. The group inquires and follows up on the use of labor in the oil palm plantation of members and records the data to cover the actual labor use. Training on the use of labor and informing the group about the use of labor in the oil palm plantation of members to the group. Improve the member's labor registration 		



Root Cause Analysis:	Inquiry and follow-up groups do not cover actual labor. Mombers do not provide complete information about the use of labor in oil nalm.			
	2. Members do not provide complete information about the use of labor in oil palm plantations.			
	3. The current member's labor record is difficult to understand.			
Corrective Actions:	 Update the group management manual on Contractors, Contractors, Employment, Contractors, Contractors, which covers the scope of employment. Type of household/contractor Labor user information, name, address, telephone number, age, gender, work done, provided as a register. Measures / penalties are established with members who do not provide information about the use of labor 			
Assessment Conclusion:	From the review of evidence to resolve the inconsistency issue of the group, it was found that a survey of the number of workers both in the contracted and household sectors was conducted and updated the information in the group's labor record was completed. It should be accepted to correct such inconsistencies.			
Effectiveness Closure (for previous audit closed Critical NC):	From verified in this audit (ASA 1), found the group update management manual on Contractors, Contractors, Employment, Contractors, Contractors, which covers the scope of employment. Type of household/contractor Labor user information, name, address, telephone number, age, gender, work done, provided as a register and seen Training on the use of labor and informing the group about the use of labor in the oil palm plantation of members to the group. And improve the member's labor registration this NC Major remains closed			
Previous Audit Critical ((Major) Non-conformity			
NCR Ref #	M11	Issued Date	15 Jun 2022	
Due Date	14 Sep 2022	Closure Date	10 Aug 2022	
Indicator & Category (Critical / Minor)	4.7 (MS B)/ Critical			
Statement of Nonconformity:	During the onsite assessment. The sampling plots identified the riparian buffer zone with no evidence of the riparian buffer zones maintain and implemented in the area.			
Requirement Reference:	Smallholders maintain and/or	enhance riparian buffer zone	e areas.	
Objective Evidence:	The onsite audit also found smallholders ID member 30217078 spraying chemicals near the riparian buffer zone areas.			
Corrections:	1. Training to educate members, contractors on the topic of managing areas near water sources and the use of chemicals.			
	2. Put up a sign "Keep the bumper line along the bank" "Do not use chemicals near the water source"			
		imper line along the bank" "D	o not use chemicals near	
Root Cause Analysis:	the water source" 3. Update the data register of	f areas near water sources or explain to contractors in the	areas with environmental	
Root Cause Analysis: Corrective Actions:	the water source" 3. Update the data register of risks. Members are not trained to e used and there is an area adj 1. Training to review the ma	f areas near water sources or explain to contractors in the jacent to a water source nagement of areas near water ntractor at least once a year	event that chemicals are er sources and the use of	



	3. Review the data register of areas near water sources or areas with environmental risks at least once a year.4. Penalties against members who do not comply with the rules of the group agreement
Assessment Conclusion:	From reviewing the evidence for resolving inconsistencies, it was found that the group conducted training to provide knowledge and understanding to members in various areas such as Moo 9, Khao Phra Bat Sub-district, on June 30, 2022 Conducted a meeting at Moo 9 12 Karaket Sub-district and on July 7, 2022 conducted a meeting at the Khok Yang Sub-district, Cha-uat District. The training materials and information for each member who has an oil palm plantation adjacent to a water source or an environmentally sensitive area were found with the last update on the date of last update. July 1, 2022, therefore, the auditor deems the amendment acceptable.
Effectiveness Closure (for previous audit closed Critical NC):	From verified in this audit (ASA 1), found the group trained on the best management practices (BMPs) for verifying during the audit found the range of training material covered all of the topics mentioned above by Staff of group and during field visits to smallholder plots and interviews with a member confirmed that they know the BMP on riparian buffer zone maintain and implemented in the area and seen Training to review the management of areas near water sources and the use of chemicals for Member/Contractor .

3.3.2 Summary of the Nonconformities and Status

CAR Ref.	Category (Critical / Minor)	P&C Indicator	Issued Date	Status & Date (Closure)
2406018-202310-M1	Critical	1.2 MSA / Critical	25 Oct 2023	26 DEC 2023
2406018-202310-M2	Critical	3.2 MSA / Critical	25 Oct 2023	26 DEC 2023
2406018-202310-M3	Critical	3.5 MSA / Critical	25 Oct 2023	26 DEC 2023
2406018-202310-M4	Critical	4.6 MSB / Critical	25 Oct 2023	26 DEC 2023
2406018-202310-M5	Critical	4.8 MSB / Critical	25 Oct 2023	26 DEC 2023
2406018-202310-M6	Critical	1.3 MSB / Critical	25 Oct 2023	26 DEC 2023
M05	Critical	B1.1 (MS B): / Critical	15 Jun 2022	10 Aug 2022
M06	Critical	C1.1 (MS B) / Critical	15 Jun 2022	10 Aug 2022
M07	Critical	C.2.1 (E) / Critical	15 Jun 2022	10 Aug 2022
M08	Critical	D1.1 (MS B) / Critical	15 Jun 2022	10 Aug 2022
M09	Critical	2.2 E / Critical	15 Jun 2022	10 Aug 2022
M10	Critical	Criteria 3.1B / Critical	15 Jun 2022	10 Aug 2022
M11	Critical	4.7 (MS B) / Critical	15 Jun 2022	10 Aug 2022



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 *Sustainable Palm Oil Enterprise Network Pakpanang* 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 RSPO 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	Stakeholders contacted				
Type of Stakeholder (e.g. Internal, Union, Contractor, Governmental Department, NGO, External, Communities)	Stakeholder name / organization	Means of communication (e.g. face to face interview, email, phone interview, comment from public notice)			
Governmental Department	Mr. Permsak Kongkaew/Conservation Area Administration Office Division. 5 (Phone No.: +66 85 6299944)	face to face interview			
Governmental Department	Mrs. Sopida Suprachai /Pak Phanang District Agriculture Office Pak Phanang District Agriculture Office (Phone No.: +6685-6197132)	face to face interview			
Communities	Mr. Sukit Prasopsuk/Mayor of Chian Yai Subdistrict Municipality Chian Yai District (Phone No.: +6675-386038)	face to face interview			
Contractor	Mr. Phonchai Kaewmuang/ contractor for harvesting, transporting, applying fertilizer (Phone No.: +667561-183473)	face to face interview			
Contractor	Mr. Kamphon Kongsap/ contractor for Chemical spraying (Phone No.: +6693-7867704)	Phone interview			

Stakeholders comment

1

- Feedback: Representative of Conservation Area Administration Office Division, 5
 - No conflict of land right. The boundaries of the plantation are clear. And also, no complaint raised by people who live surrounding the plantation.
 - For the last 2 years, there is no complaints issue from Government.

The group regularly assists social and local communities with CSR projects such as Increase the area to plant trees



	Audit Team verification and response:					
	Positive feedback not required to follow-up					
	No Complaints from Government					
2	Feedback: Pak Phanang District Agriculture Office Pak Phanang District Agriculture Office					
	No conflict of land right. The boundaries of the plantation are clear. And also, no complaint raised by people who live surrounding the plantation.					
	• The group committee regularly participates the meeting with the community. That is a good chance to receive comments from the local people.					
	For the last 2 years, there is no complaints issue from Government.					
	For the last 2 years there are no plant disease outbreaks.					
	Activities performed by the group is responsible for environment and social, there was no negative impact.					
	Audit Team verification and response:					
	Positive feedback not required to follow-up					
	No Complaints from local community					
3	Feedback: Municipality Chian Yai District					
	 No conflict of land right. The boundaries of the plantation are clear. And also, no complaint raised by people who live surrounding the plantation. 					
	The group committee regularly participates the meeting with the community. That is a good					
	chance to receive comments from the local people.					
	Activities performed by the group is responsible for environment and social, there was no negative impact.					
	Audit Team verification and response:					
	Positive feedback not required to follow-up					
	No Complaints from local community					
4	Feedback: Harvesting Sub-contractors					
	• 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 and group manager to understand and aware on labour, wage and benefit, working condition and safety, social and environment issue covering, child labour, waste management, environmental protection (watercourse, 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:					
	Positive feedback not required to follow-up					
	Verified the Training record were implement					
5	Feedback: / Chemical spraying Sub-contractors					
	• The training on safe working and PPEs on oil palm plantation is useful for all workers to protect cchemicals are contaminated and enter the body during working.					
	 They were informed by group members and group manager 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 (watercourse, 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:

• Positive feedback not required to follow-up

Verified the Training record were implement

List of land owner	/ user contac	ted			
Name	Years of ownership / used	Land area (ha)	Agreement (Yes / No)	Agreement base on FPIC (Yes/No)	Compliance on the agreement terms and conditions
Mr. Manop L. 30118142	Title Deed No. 28811, 28812/1978	5.12	Yes	Yes	Comply /It is for sale according to the wishes of the original owner.
Mr. Suriya J. 30518023	Title Deed No. 15785/1976	2.18	Yes	Yes	Inheritance from her father (pass away)
Mrs. Jaruwan M. 30216034	Title Deed No. 11189, 25975/2001	4.53	Yes	Yes	Comply / It is the transfer of inheritance from mother to son. The ownership has been transferred for about 25 years and the area was planted with oil palm before the change of ownership.
Ms. Wan K. 30518032	Title Deed No. 22745, 22729/1990	2.41	Yes	Yes	Comply / It is the transfer of inheritance from mother to son. The ownership has been transferred for about 25 years and the area was planted with oil palm before the change of ownership.
Mr. Sompong D. 30117089	Title Deed No. 766/1978	2.03	Yes	Yes	Inheritance from his mother
Mrs. Boon S. 30116003	SorPorKhor.4- 01 No.917 Plot 15/2005	2.1	Yes	Yes	Comply / It is for sale according to the wishes of the original owner.
Mrs. Chon K. 30116031	Title Deed No. 1536/2006	1.27	Yes	Yes	Inheritance from her father (pass away)
Notes:	·	•			

Previous land owner / user comment

All Feedback:

- The process of transferring land ownership was 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 *Sustainable Palm Oil Enterprise Network Pakpanang* Group, the land sale and purchase process require a legality document and proof of land sale and purchase from the Land Department Office.
- The right as a member of *Sustainable Palm Oil Enterprise Network Pakpanang* Group will be processed freely and voluntarily for the new
- landowner. The rights of the new landowner (as a member of *Sustainable Palm Oil Enterprise Network Pakpanang* Group) will be communicated according to established procedures.

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 *Sustainable Palm Oil Enterprise Network Pakpanang* 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 *Sustainable Palm Oil Enterprise Network Pakpanang* is remain certified.

Report prepared by	Acceptance of Assessment Conclusion				
Name: Mr. Supiwat Nentakong	Name: Miss. Jutharat Sikaew				
Company Name: on behalf BSI Malaysia Services Sdn Bhd.	Company Name: Sustainable Palm Oil Enterprise Network Pakpanang				
Title: Team Leader	Title: Group manager				
Supiwat Neutakong Signature:	Signature:				
Date: 26 Dec 2023	Date: 26 Dec 2023				



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:nSmallholders establish a legal entity which has organizational capaci	ty to comply with the RSPO Independent Smallholder Standard.					
Eligibility	 Legally registered entities have documented evidence to include: Legal formation (as per country requirements) Fair and transparent decision making and governance Additional documents per requirements for Group Formation and Management. Signed or thumb printed Smallholder Declaration from all smallholder members, reference Annex 2 (see appendix 1 for details needed in declaration). 	Sustainable Palm Oil Enterprise Network Pakpanang is an organization that has fulfilled the requirements as a legal entity that manages oil palm smallholders in the form of "Community Enterprise" and has related documented evidence as follow: 1) The group has registered with Chian Yai District Agriculture Office and hold license no. 8-80-06-11/2-0010 since on dated 20 August 2018, and for Y2023 was registered on 17 January 2023 valid till 31 December 2023. As required by Thai laws, the group has to reregister with Chian Yai District Agricultural Office annually to update the change especially list of the group members. Based on the list of group members as annex in this license, there are a total 395 group members (at 17 January 2023), which more than existing member (298 group members). 2) Decision making and governance made fair and transparent via 2023 annual meeting with all members which conducted at 3 places as 1) Koh Chak Temple, Ko Thuat Subdistrict, Pak Phanang District on 28 February, 2) Village Auditorium, Village No. 12, Kreng Subdistrict, Cha-uat District on 10 March 2023 and 3) Wat Tha Lipong, Chian Yai District on 24 March 2023. All group members were informed about general information and group's regulations such as • Information about group structure, group policy, procedures for applying for group membership, member punishment, etc.	Complied				



- Additional price 0.05 Baht for non-certified member and 0.10 Baht for certified RSPO member. All members accepted and agreed with the condition and no negative feedback from them.
- 3) There's a declaration letter by the ISH Group Manager (Ms. Jutharat Sikaew) who was accepted and agreed by all current members stated that the group manager will be representing and managing the smallholders for the purpose of RSPO Certification Program effective from 28 February 2022.
- 4) All existing group members have signed declaration letter on acknowledge and understanding for applied to be group member which accepted by group manager (Ms. Jutharat Sikaew). Sampling the signed declaration letter as following;

Existing member

- Member ID 30217080 (Mrs. Lamai J.), Joining group on 30 October 2017, signed group agreement and signed the declaration letter on 20 January 2021.
- Member ID 30117089 (Mrs. Junyaporn T.) Joining group on 12 December 2017, signed group agreement and signed the declaration letter on 20 Mar 2021.

New member

- Member ID 30518060 (Mrs. Watsana R.), Joining group on 20 April 2018, signed group agreement and signed the declaration letter on 6 September 2021.
- Member ID 30120182 (Mr. Lek K.), Joining group on 17 July 2020, signed group agreement and signed the declaration letter on 20 January 2021.

		Member ID 30520083 (Mr. Sombon B.), Joining group on 13 July 2020, signed group agreement and signed the declaration letter on 10 September 2021.	
Milestone A	(ICS) that meets all the ICS Eligibility and MS A requirements (section	Sustainable Palm Oil Enterprise Network Pakpanang has implemented an internal control system by following the document "Sustainability Manual" Rev.05 Issue dated 26 December 2022	Complied
	financial management, and best practices for smallholder organisations.	The organization structure of ICS and qualification of Group manager, group committee and group members as defined in "Sustainability Manual" pg. 9-12 and 15.	
		Based on document verification, group manager, group committee and group members who were sampled could show proof of their qualification as identified	
		Found appointment of the ICS group committee (8 persons) on 28 February 2022, which was specified the responsibilities of the group manager and other positions (e.g. chairman, sustainability manager, occupational health and safety department, social and labor manager)	
		• Found application form with personal documents of group members and signed declaration letters e.g. Ms. Kanitha N. (signed on 17 Feb 2023), Mrs. Dara J. (signed on 17 Feb 2023), Mrs. Arrom N.(signed on 20/01/21).	
		Group has implemented ICS process as identified in an "Sustainability Manual" such as:	
		New member registration	
		Complaint management	
		Dispute resolution and compensation mechanisms	
		Annual meeting preparation	
		Training	



- Palm plantation
- Document Control
- Communication
- Document and Record Control
- Labor, Outsource, Contractors
- Internal Audit for ICS

The group manager established plan for implementation of ICS at least once a year, of 2022-2023 was conducted as "Continuous improvement and development plan" for 2022-2023 (approved by the chairman on 30 November 2022) which is specified training during February-December 2023, including:

- GAP/BMP
- Techniques and procedures for collecting leaf and soil samples.
- Using fertilizer for palm plantations. (Analysis value or fertilizer deficiency symptoms)
- IPM and chemical handling
- HCV and HCS
- NPP
- Occupational health and safety
- Labor, forced labor, wages
- Harassment or sexual harassment
- Using fire or other methods instead
- Using the HCV App
- Replanting in peat soil
- Preventing forest fires in peatland areas

		 Legal registration Preventing washout, erosion, and maintaining buffers along river banks Training on oil palm pricing mechanisms, financial management, and best practices for new members was conducted on 28/02/23, 10/03/23, 24/03/23 with 298 participants (191 new members). 	
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	 Sustainable Palm Oil Enterprise Network Pakpanang could demonstrate the transparent decision-making and governance as sighted the evidence of decision making in joint declaration document which stated: Sustainable Palm Oil Enterprise Network Pakpanang willing to get involve and willing to promote RSPO certified palm oil. Sustainable Palm Oil Enterprise Network Pakpanang will implement the RSPO ISH standard. Appointed Ms. Jutharat Sikaew as Group Manager who responsible for implementation of RSPO ISH standard. All group members will support all the joint declaration point. Group also has a financial management plan such as estimation of FFB production in the next year (2023 - 2024) and replanting plan period 2020 to 2024. During the site visit at plots owned by members, the result from visual inspection and interview showed that the knowledge on policy and agreement are communicated to group member. However, some of them had misunderstand with detail of agreement with Thai Tallow and Oil Co.Ltd. 	Complied
Criteria 1.	2: Smallholders have the capacity to effectively manage their farm.		

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.	 Sustainable Palm Oil Enterprise Network Pakpanang has held trainings related to palm oil business. The trainings have been conducted in several sessions since preparation of RSPO certification until this ASA 1 (2023) as follow: Training on GAP/BMP, IPM and chemical handling. Presented by Mr.Teerapong Channiyom from Oil Palm and Palm Oil Research and Innovation Institute on 28/02/23, 10/03/23, 24/03/23 with 298 participants. Training on Techniques and procedures for collecting leaf and soil samples, Using fertilizer for palm plantations. (Analysis value or fertilizer deficiency symptoms) by Mr.Teerapong Channiyom on 07/04/23, 25/04/23, 12/05/23 with 298 participants. However, based on interview with sample group members, noted that several members do not acknowledge with training information especially IPM and chemical handling knowledge. Furthermore, found the palm oil record of several members lack of input data of their activities e.g. record of using chemical pesticide which they have used or recorded data in mistake topics e.g. record using boron in topic of using pesticides. 	Non- compliance
Milestone B	Smallholders are managing their farms effectively and maintain records of production and transaction data of all FFB sale	Records of production and transaction data of all FFB sale were obtained by the group manager and registered in a database thereafter. The data of each member covering detail of every member, code number, planting year, hectarage, and production. Records of production and sale of FFB by individual members have consistently record the FFB production and sales. The document was compiled and filing a minimum of 2 year.	Complied

Criteria 1	.3: Smallholders implement good agricultural practices (GAP) on their fa	rms.	
Eligibility	Smallholders commit to implementing good agricultural practices on their farms. (Reference Smallholder Declaration, 1.1.E, Annex 2).	There is evidence commitment of the group members to implement good agricultural practices in their farms that can be sighted in the application form and declaration letter. Smallholders' declaration form states the commitment toward implementing good agricultural practices on their farms and is signed by the members. Currently, there are 298 members joined for Sustainable Palm Oil Enterprise Network Pakpanang. Refer to documents of the group, for example members as follow: Existing member • Member ID 30116053 (Ms. Chawiwan W.), Joining group on 10 December 2016, signed group agreement and signed the declaration letter on 11 January 2021. • Member ID 30116031 (Ms. Nittaya N.), Joining group on 24 November 2016, signed group agreement and signed the declaration letter on 13 Mar 2021. New member • Member ID 30120197 (Ms. Uraiwan R.), Joining group on 17 July 2020, signed group agreement and signed the declaration letter on 20 January 2021. • Member ID 30518023 (Mrs. Phirom T.), Joining group on 27 April 2018, signed group agreement and signed the declaration letter on 17 Feb 2023.	Complied
Milestone A	Smallholders complete training on Good Agriculture Practices (GAP).	From verified the training plan of Y2022 - 2023, interviewed members sample found the group provide training as follows: • Training on GAP/BMP, IPM and chemical handling on 28/02/23, 10/03/23, 24/03/23 with 298 participants.	Complied



Comply with the law and respect communities' rights

		Training on Techniques and procedures for collecting leaf and soil samples, Using fertilizer for palm plantations. (Analysis value or fertilizer deficiency symptoms) on 07/04/23, 25/04/23, 12/05/23 with 298 participants The training courses were conducted by Presented by Mr.Teerapong Channiyom from Oil Palm and Palm Oil Research and Innovation Institute. The trainer has a competence of each topic to training. Moreover, they have refresher training on the RISS requirement during	
		the annual meeting lasted on 28/02/23, 10/03/23, 24/03/23 for all members.	
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 observation and interviews of sample of smallholders, they can be concluded that smallholders have adopted GAP and are tracking productivity, including the records of FFB sales in their farms (directly to Mill and collected broker), for GAP such as not applying blanked spraying, not using paraquat, and conducting pest and disease control properly and they recorded their FFB production in the logbook together with the weighing bill for group verification productivity, FFB sales. Moreover, the Group Facilitator/Farmer mentor has given directions to the smallholders to follow the harvesting procedure and record their own FFB production regularly and sales.	Non- compliance
		However, sighted during farm visit and interview with sample smallholders, noted the misunderstanding and implementation of GAP of some member is non-satisfactory.	
		As an example, several members do not recognize with GAP and had no good management of used chemical containers in the farms and the smallholders did not understand on the negative impacts that the hazardous chemical can cause.	

Criteria 2.1: Smallholders have legal or customary rights to use the land in accordance with national 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).	Sustainable Palm Oil Enterprise Network Pakpanang has created a database of land holdings of all group members (both old and new), including member information, name of the member, address, ID code, deed number, GPS reference, planting year, acquisition of land, number of oil palm trees. All of which are recorded in documents such as membership application form (Sor-Mor-Bor-001), a brief plot location map (Sor-Mor-Bor -002) and application documents such as copies of land ownership documents of member. Land ownership certificate including a map shows the boundaries of the production plots according to Google Map with GPS reference, which will be accurately stored in each member's file and control by the group manager.			Complied	
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.	Enterprise Network	Based on document verification, all members of Sustainable Palm Oil Enterprise Network Pakpanang who were sampled could show proof of their land ownership as follows:			Complied
		Smallholder	ID	Land title type and No.	Area (Ha)	
		Mrs.Niyom T. New	30118142	Title Deed No. 28811, 28812	5.12	
		Mrs.Phirom T. New	30518023	Title Deed No. 15785	2.18	
		Ms.Kanitha N. New	30216034	Title Deed No. 11189, 25975	4.53	
		Mrs.Dara J. New	30518032	Title Deed No. 22745, 22729	2.41	
		Mrs.Junyaporn T.E	30117089	Title Deed No. 766	2.03	
		Mrs.Thawon M. E	30116003	SorPorKhor.4-01 No.917 Plot 15	2.1	
		Ms.Nittaya N. E	30116031	Title Deed No. 1536	1.27	

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Milestone B	Smallholder plots are clearly and visibly demarcated and maintained, and the smallholders are operating only within these boundaries.	Based on field observations of the example smallholder (mentioned in 2.1 MS A) show that all land boundaries are clearly present, visible and maintained. All smallholder can display their land boundaries e.g. for smallholder who has land deed always indicates the legal boundary and the concrete pillar numbers. The concrete pillars given by the Department of Land were marked as a boundary of the land.	Complied
	.2: Smallholders have not acquired lands from indigenous peoples, local PIC approach.	communities or other users without their free, prior and informed conser	nt, based on a
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).	The group members can show evidence about how long they started owning the land. The details of the time for owning the land were found on the back of land indeed 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. All members never acquire 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. Verifying the evidence from the land and interviewing found mostly land obtained bypassed down from ancestors. The group has existing members 106 members and 192 new member. The land is a private ownership area that has been completed with a title of	Complied
		ownership. Ownership rights are obtained from the Department of Land.	
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 group members can show evidence about how long they started owning the land. The details of the time for owning the land were found on the back of land indeed 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	Complied

		landowner's name. All members never acquire 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. Verifying the evidence from the land and interviewing found mostly land obtained bypassed down from ancestors. The group has existing members 106members and 192 new member. The land is a private ownership area that has been completed with a title of ownership. Ownership rights are obtained from the Department of Land.	
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).	The group members can show evidence about how long they started owning the land. The details of the time for owning the land were found on the back of land indeed 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. All members never acquire 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. Verifying the evidence from the land and interviewing found mostly land obtained bypassed down from ancestors. The group has existing members 106 members and 192 new member. The land is a private ownership area that has been completed with a title of ownership. Ownership rights are obtained from the Department of Land.	Complied

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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.	Complied
		Based on interviewed of example members, head village and related stakeholder organization found currently there are no land disputes between group members or with indigenous peoples, local communities or other users.	
		Apart from that, they also have a land conflict resolution mechanism which members have been perceived by smallholder declaration and communicated these mechanism to members by training.	
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 interviewed of example members, land acquisition of all members was found as both of land title deeds and SorPorKhor.4-01, therefore the smallholder never acquires land from indigenous peoples, local communities, or other users without their Free, Prior and Informed Consent (FPIC).	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	Based on document verification and interviewed of example members, land acquisition of all members was found as both of land title deeds and SorPorKhor.4-01, therefore the smallholder never acquires land from indigenous peoples, local communities, or other users without their Free, Prior and Informed Consent (FPIC).	Complied
	.4: Smallholder plots are located outside of areas classified as national paterpretation.	parks or protected areas, as defined by national, regional or local law or	as specified in
Eligibility	Smallholder plots are located outside of areas classified as national parks or protected areas defined by national, regional or local law, or as specified in National Interpretations (refer to appendix 1).	Based on the document review and interviewed 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



Milestone	Consultant days placed autoids of average placeified as wateral	Based on the latest Land Use Change Analysis report on 22 Aug 2023; environmental remediation areas are 5.32 ha (riparian buffer zone). The auditor has verified this issue from document review and site audit, found that there are lowland with waterlogged or small stream and no peat in this group. Furthermore, the riparian zone has managed to comply with the requirement as well e.g. allowing weeds along the bank and laying a pile of palm trees to reduce its erosion. The group no plans for new oil palm planting / no development of new areas. However from the group manager interview, the group decided on 58 Smallholders' areas planted with oil palm within riparian areas of 8.98ha with a total Area Planted with Oil Palm of 123.05ha is excluded from certification this assessment. This is because members have not yet practiced to meet the group's requirements. In the matter of planting oil palm within riparian areas. (Reference The LUCA report Sustainable Palm Oil Enterprise Network Lumnam Pakpanang (Pakpanang - Lot 1) Clarification 2 , Prepared on 11th August 2023, on page 21-24 of content 3.4 Analysis of Prohibited Area; 3.4.1 Riparian Area. The 30 Smallholders' area planted with Oil Palm is 56.75ha and the LUCA report Sustainable Palm Oil Enterprise Network Pakpanang (Pakpanang - Lot 2) Clarification 2 Prepared on 22nd August 2023, at page 22-25 of content 3.4 Analysis of Prohibited Area; 3.4.1 Riparian Area. The 28 Smallholders' areas planted with Oil Palm is 66.3ha were excluded from this certification.)	Complied
Milestone A	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).	Same as Eligibility. However The group no plans for new oil palm planting / no development of new areas.	Complied



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). Criteria 2.5: For new planting, smallholders do not clear or acquire any land without obtaining the free, prior and informed consent (FPIC), of indigenous people and/o local communities and/or other users , based on a simplified FPIC approach. 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). As per Sustainable Palm Oil Enterprise Network Pakpanang Smallholder Declaration by members & Smallholder Evaluation Form their free, prior and informed consent, based on a simplified FPIC approach (refer to appendix 1). Similestone B ased on a simplified FPIC approach, smallholders jointly agree on a plan with the affected indigenous peoples and/or local communities and/or other rights holders, including vulnerable groups, for new oil palm planting / no development of new areas. Same as Eligibility. However The group no plans for new oil palm planting / no development of new areas. Complied Complied Same as Eligibility. Same as Eligibility. However The group no plans for new oil palm planting / no development of new areas.				
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). As per Sustainable Palm Oil Enterprise Network Pakpanang Smallholder Evaluation Form maintained by group manager in individual members file and copied to all smallholder members, all members have signed the Smallholder Declaration Form on 01 May 2021 – 30 Sep 2021 (Existing member) and 01 Feb 2022 – 24 Feb 2023 (New member) which include the commitment 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 requirements as per Appendix 1. Since the last audit till ASA 1, there has been no new planting in the Sustainable Palm Oil Enterprise Network Pakpanang maintained by group manager in individual members file and copied to all smallholder members, all members have signed the Smallholder Declaration Form on 01 May 2021 – 30 Sep 2021 (Existing member) and 01 Feb 2022 – 24 Feb 2023 (New member) which include the commitment 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 requirements as per Appendix 1. Since the last audit till ASA 1, there has been no new planting in the Sustainable Palm Oil Enterprise Network Pakpanang maintained by group maintained from indigenous people, local communities and oil Feb 2022 – 24 Feb 2023 (New member) with the indigenous people and/or local communities and/or other rights holders, including vulnerable groups, for new oil palm planting / no development of new areas. Same as Eligibility. Complied PIC development of new areas. Same as Eligibility. Complied PIC development of new areas. Same as Eligibility. Complied PIC development of new areas. Same as Eligibility. Complied		parks or protected areas as defined by national, regional or local law,		Complied
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). Smallholder Declaration by members & Smallholder Evaluation Form maintained by group manager in individual members have signed the Smallholder Declaration Form on 01 May 2021 – 30 Sep 2021 (Existing member) and 01 Feb 2022 – 24 Feb 2023 (New member) which include the commitment 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 requirements as per Appendix 1. Since the last audit till ASA 1, there has been no new planting in the Sustainable Palm Oil Enterprise Network Pakpanang group. Moreover, there is no plan to conduct new planting. The group no plans for new oil palm planting / no development of new areas. Milestone A Smallholders complete training on how to conduct a simplified FPIC approach, smallholders jointly agree on a plan with the affected indigenous peoples and/or local communities and/or other rights holders, including vulnerable groups, for new oil development of new areas. Smallholder Declaration by members & Smallholder members have signed the Smallholder brands and some proved the Smallholder members, and smallholder			out obtaining the free, prior and informed consent (FPIC), of indigenous	people and/or
A approach. Milestone B assed on a simplified FPIC approach, smallholders jointly agree on a plan with the affected indigenous peoples and/or local communities and/or other rights holders, including vulnerable groups, for new oil However The group no plans for new oil palm planting / no development of new areas. Complied However The group no plans for new oil palm planting / no development of new areas.	Eligibility	land from indigenous people, local communities, or other users without their free, prior and informed consent, based on a simplified FPIC	Smallholder Declaration by members & Smallholder Evaluation Form maintained by group manager in individual members file and copied to all smallholder members, all members have signed the Smallholder Declaration Form on 01 May 2021 – 30 Sep 2021 (Existing member) and 01 Feb 2022 – 24 Feb 2023 (New member) which include the commitment 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 requirements as per Appendix 1. Since the last audit till ASA 1, there has been no new planting in the Sustainable Palm Oil Enterprise Network Pakpanang group. Moreover, there is no plan to conduct new planting. The group no plans for new	Complied
B plan with the affected indigenous peoples and/or local communities and/or other rights holders, including vulnerable groups, for new oil development of new areas.			However The group no plans for new oil palm planting / no	Complied
paim developments, if these involve land-use change.		plan with the affected indigenous peoples and/or local communities	However The group no plans for new oil palm planting / no	Complied
Principle 3: Respect human rights, including workers' rights and conditions Safeguard human rights and protect workers' rights, ensuring safe and decent working conditions.	-			

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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).	The group already established Portion forced labour Discrimination, and forced labour on the farm is term 6 of 78 of Sustain manual graph December 2022 that also including type of activity, etc.	d Trafficking to ensuninated. The policy soup issued Rev.05	ire that any use of states on page no. Issue dated 26	Complied
		Based on an interview with Grouthey provide information on the sfamily, contract and hired labouable to show a signed declaration forced labor practices and that voluntarily. Sampling signed dec	oource of labour on to r requirements foul on regarding not us the casual worker	the farm, including nd that they were sing workers from conducts the job	
	Farmer Id/Name	Date of sign agreement	Date of sign Declaration		
		New Member ID 30118142 /Mrs.Niyom T.	17 Feb 2023	17 Feb 2023	
		New Member ID 30518023 /Mrs.Phirom T.	17 Feb 2023	17 Feb 2023	
	New Member ID 30216034 /Ms.Kanitha N.	17 Feb 2023	17 Feb 2023		
		New Member ID 30518032 /Mrs.Dara J.	17 Feb 2023	17 Feb 2023	
		Existing Member ID 30117089 /Mrs.Junyaporn T.	20 Mar 2021	20 Mar 2021	
1		Existing Member ID 30116003	20 Mar 2021	20 Mar 2021	

...making excellence a habit."

/Mrs.Thawon M.

		Existing Member ID 30116031 /Ms.Nittaya N.	13 Mar 2021	13 Mar 2021	
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; Withholding of wages	Sustainable Palm Oil Enterpris provided refresh training to all (Harvesters, fertilizers and spraye (191 new members).was attend provided at the training includes: RSPO requirement Prohibition of Discrimination, Prohibition of employing millabor. Prohibited of Retention of idlimited to passports, Paymen Contract substitution, Involution workers to resign, Penalty for bondage, Withholding of wage. Manpower socialization, inclustandardization of wages, employment in accordance was	members and the ers) on 24/03/23 with ded by 300 members. Forced Labor and mors and prohibition dentity documents to frecruitment feet antary overtime, Labor termination of expession ding workers' right working overtime.	ir casual workers th 298 participants ers. The material Trafficking. On of Using Child including but not es by workers. On of freedom of employment, Debt es, work contracts, the termination of the contracts, the contracts of the contracts, the contracts of the contracts, the contracts of the contract of the contracts of the con	Complied
Milestone B	Workers on the farm, including their families, have unrestricted access to their identity documents, have freedom of movement and can declare that their employment is freely chosen.	From casual worker representation understood and confirmed, that their identity documents, had declare that their employment casual workers, and only a verb wages (beyond minimum wage), copy ID card or the number of tworkers, in case foreign workers permit, etc.	they did have unre freedom of move was freely chosen al contract agreem the document for re ID card, and the bi	estricted access to ment, and could . All workers are ent depending on egistering only the rth date, for local	Complied



	.2: Children are not employed or exploited. Work by children is accepta	able on family farms, under adult supervision and when not interfering v	with education
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. 3. Providing adult supervision of young people working on the farm. 4. Ensuring the practice of children's rights to education is unrestricted and respected. (Refer to appendix 1). 	Sustainable Palm Oil Enterprise Network Pakpanang has a policy regarding the prohibition of Child labor, the policy was state at page no. 6 of Sustain manual group Rev.05 Issue dated 26 December 2022: 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. 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 Moreover. Verify the casual worker registered found age was over 18 years.	Complied
Milestone A	 Group managers and smallholders implement measures to protect children as follows: 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. 	Sustainable Palm Oil Enterprise Network Pakpanang has a policy regarding the prohibition of Child labor, the policy was state at page no. 2 of 78 of Sustain manual group Rev.05 Issue dated 26 December 2022 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 announcement issued 25 Aug 2020. The policy is also stated in the member recorded	Non- compliance
Milestone B	Group managers and smallholders implement measures to protect children as follows: 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.	Based on field visits to harvest activities in the plot of New Member	Non- compliance



	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.	worker. The youngest age on the list is - date of birth 12 Jan 2005 (18 year and 8-month years old) and working from Mar 2023. However from the verification of the labor of member numbers 30817003, 30116053, it was found that there was family labor of a 15-year-old (members' son) working as a tractor driver and harvesting FFB in the fields.	
	3: Workers' pay complies with minimum legal requirements, mandatory ty in local regulations.	industry standards as defined by national law or collective bargaining, wl	nichever
Eligibility	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 Oct 2022. Minimum wage at Nakhonsrithammarat province and Suratthani Province is 342 baht/day.	Complied
		Based on document of Logbook and weighing Billing record in accordance with the type of work they do:	
		Harvest work of 700-1000 Baht per ton, including transportation to factory	
		Pruning work on average 15-30 baht per tree	
		fertilization work of 50 baht per bag	
		Spraying work of 150 baht per liter.	
		Weed control by manual (using machinery) of 10 baht per tree	
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	At the time of this audit, conducted document (Record payment / receipt) verification, based on the verification of harvesters' wages/pay record for the period of Jan- Apr 2023 such as	Complied
	women.	Record payment of wages on: 30 Aug 2023	
Milestone	Workers receive payments as expected and agreed in accordance with	On behalf of: Mr. Thee	Complied
В	at least the legal minimum wage rate (excluding overtime premiums)	Plot owner/Farmer: Member ID no. 30117089 (Mrs.Junyaporn T.)	

	and without discrimination against vulnerable groups including women.	 Type of Work: harvesting Total Weight: 4.320 MT Wages received by workers: 3,24 transportation) for harvesting is baht/person/day) The payment of harvest wages is by tharvester's employment and also discrimination against workers both in harvester's wage payment record abwages above the Minimum wage. Interviews were conducted with Casuathe record that the payment had discrimination. 	the verbal contral has not been men and women bove, farmers proportion of the During the fill all workers members	act agreement in identified as a. Based on the rovides worker's eld assessment pers and verified	
Criteria 3.	4: Workers understand their rights and freedom to file a complaint/griev	ance to group manager or relevant thin	rd parties, includ	ling RSPO.	
Eligibility	Smallholders commit to respect the rights of workers to file a complaint/grievance (Refer to appendix 1).	The group member signed a declarat file a complaint/grievance. Verified the a declaration to commit that respect complaint such as members.	nber who signed	Complied	
		Farmer Id/Name	Date of sign agreement	Date of sign Declaration	
		New Member ID 30118142 /Mrs. Niyom T.	17 Feb 2023	17 Feb 2023	
		New Member ID 30518023 /Mrs. Phirom T.	17 Feb 2023	17 Feb 2023	
		New Member ID 30216034 /Ms. Kanitha N.	17 Feb 2023	17 Feb 2023	
		New Member ID 30518032	17 Feb 2023	17 Feb 2023	

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		/Mrs. Dara 1	J.			
		Existing Member ID /Mrs. Junyapor		20 Mar 2021	20 Mar 2021	
		Existing Member ID /Mrs. Thawon		20 Mar 2021	20 Mar 2021	
		Existing Member ID /Ms. Nittaya		13 Mar 2021	13 Mar 2021	
Milestone A	Smallholders complete training on workers' rights to file a complaints/grievance and communicate to workers the means to file a complaint/grievance.	All of members and cas Network Pakpanang Gro to file a complaints/griev to file a complaint/griev and for new members we training. Sampled members and	oup have co vance and co ance, on 24 vere provide	mplete training or ommunicate to wo March 2023 for e d on 12 May 2023	n workers' rights orkers the means xisting members 3 and orientation	Complied
		Farmer Id/Name	Date of training	Topic of	training	
		Casual worker name Mr. Maitree K. Harvesting and Mrs. Renu P, / Chemical spraying	12/05/23	workers' rigl complaints/gr communicate to w to file a compla	rievance and orkers the means	
		New MemberID 30518023 /Mrs.Phirom T.	12/05/23	workers' rigl complaints/gr communicate to w to file a compla	rievance and orkers the means	
		New MemberID 30216034 /Ms.Kanitha N.	12/05/23	workers' rigl complaints/gr		

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		New MemberID 30518032	24/03/23	communicate to workers the means to file a complaint/grievance workers' rights to file a complaints/grievance and	
		/Mrs.Dara J.		communicate to workers the means to file a complaint/grievance	
		Existing Member ID30117089 /Mrs.Junyaporn T.	24/03/23	workers' rights to file a complaints/grievance and communicate to workers the means to file a complaint/grievance	
		Existing Member ID 30116003 /Mrs.Thawon M.	24/03/23	workers' rights to file a complaints/grievance and communicate to workers the means to file a complaint/grievance	
		Existing Member ID 30116031/Ms.Nittaya N.	24/03/23	workers' rights to file a complaints/grievance and communicate to workers the means to file a complaint/grievance	
Milestone B	Workers are aware of and have access to an effective means for filing a complaint/grievance.	aware complaints an demonstrate their under grievance. The record of any dispute and complate governmental officers, at the right to give the country and group members and group members and group members.	d grievance standing on the farm raints raised land local complaints and tivities. Since	members confirmed that they are the mechanism. They can also of the process for compliance and ecord book showed no evidence of by stakeholder, community leader, mmunities even though they know and grievances regarding the group ce last year till now Sep 2023 no sted through the suggestion box.	Complied
	Based on interview with harvester, they said that they have been provided awareness to submit the grievance through suggestion box in the office of Sustainable Palm Oil Enterprise Network Pakpanang				

				tion directly to Group manager. ere is no grievance/or complaint		
Criteria 3	Criteria 3.5: Working conditions and facilities are safe and meet minimum legal requirements.					
Eligibility	Smallholders commit to providing safe working conditions and facilities (Refer to appendix 1).	conditions and facilities for Occupational health and Enterprise Network Pakpar	or the work safety st nang Sustai holder men	ration to provide safe working kers. The group established the ated on Sustainable Palm Oil nable Manual Rev.05 Issue dated abers have signed the statement s.	Complied	
		prepared by themself. The they are working in oil chemical sprayers should be	e matrix PP Palm plot be wearing S orkers sho	rasual workers and they been E is the guide for workers when plants such as Harvesters and Safety helmets, Safety boots, and ald be wearing aprons, Chemical Slasses.		
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	Palm Oil Enterprise Network completed training and a with farm work, (including them. The latest training)	work Pakpa ware of he that of pe for existing	family members of Sustainable anang Sustainable Group have alth and safety risks associated sticide use) and how to mitigate members was conducted on 24 e provide on 12 May 2023 via	Non- compliance	
		Based on sampling member training record hey were t		sual worker to interviewed and understood.		
		Farmer Id/Name	Date of training	Topic of training		



Casual worker name Mr. Maitree K. Harvesting and Mrs. Renu P, / Chemical spraying	12/05/23	Health and safety risks associated with farm work, (including that of pesticide use)
New MemberID 30518023 /Mrs.Phirom T.	12/05/23	Health and safety risks associated with farm work, (including that of pesticide use)
New MemberID 30216034 /Ms.Kanitha N.	12/05/23	Health and safety risks associated with farm work, (including that of pesticide use)
New MemberID 30518032 /Mrs.Dara J.	24/03/23	Health and safety risks associated with farm work, (including that of pesticide use)
Existing Member ID30117089 /Mrs.Junyaporn T.	24/03/23	Health and safety risks associated with farm work, (including that of pesticide use)
Existing Member ID 30116003 /Mrs.Thawon M.	24/03/23	Health and safety risks associated with farm work, (including that of pesticide use)
Existing Member ID 30116031/Ms.Nittaya N.	24/03/23	Health and safety risks associated with farm work, (including that of pesticide use)
		TD 20520006 11 1 1

However, on site verify found member ID. 30520086 used boats to transport FFB in plots that have been flooded and members ID.30518007 uses chainsaws to cut down palm trees and members ID.30118107 where a backhoe was used working in the palm plantation area. The review of documents and interviews with group members, found the group manager had no evidence of occupational

Milestone B	Workers, including smallholder family members, have access to safe	health and safety risk management them as activity above and no plan ch use chemicals. Casual workers including family mem conditions and amenities. Each worke	olinesterase test	ing for members to safe working	Complied
В	 working conditions and amenities that include: Safe and adequate housing, where applicable, 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 	housing. During field observation confirmed to with the standard. Evidence of first at has been prepared by casual work demonstrated during audit. Based on sampling members and can Member ID 30117089 (Mrs. Junyapo Maitree K. Harvesting and Mrs. Renu demonstrate and there prepared including minimum personal protective for the type of work. Adequate drinking them self-members provided only some do not restrict.	hat first aid kit paid kit provision where themselves sual worker to in the provision T.), Casual was P./Chemical spruse equipment (PPong water the world kit provision to the provision to the provision was also be the world water the world kit provision to the provision to the provision was also be al	provide has met is available. PPE s, they can be interviewed such worker name Mr. aying , they can fety equipment, be if appropriate rkers arrange by	
Criteria 3	.6: There is no 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 discrimination, harassment or abuse of member who signed a declaration let	on the farm. Verif	ied the sampling	Complied
		Farmer Id/Name	Date of sign agreement	Date of sign Declaration	
		New Member ID 30118142 /Mrs. Niyom T.	17 Feb 2023	17 Feb 2023	
		New Member ID 30518023 /Mrs. Phirom T.	17 Feb 2023	17 Feb 2023	

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		New Member ID 30216034 /Ms. Kanitha N.	17 Feb 2023	17 Feb 2023	
		New Member ID 30518032 /Mrs. Dara J.	17 Feb 2023	17 Feb 2023	
		Existing Member ID 30117089 /Mrs. Junyaporn T.	20 Mar 2021	20 Mar 2021	
		Existing Member ID 30116003 /Mrs. Thawon M.	20 Mar 2021	20 Mar 2021	
		Existing Member ID 30116031 /Ms. Nittaya N.	13 Mar 2021	13 Mar 2021	
Milestone A	Smallholders complete training on workplace discrimination, harassment and abuse and are aware of need for a safe workspace.	All of members and casual workers of Sustainable Palm Oil Enterprise Network Pakpanang Sustainable 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 existing members were conducted on 24 March 2023 and on 12 May 2023, for new members were via orientation training.			Complied
		Based on sampled members and of training record such Member ID 302 ID 30117089 (Mrs.Junyaporn T.), Me N.), Member 30118142 (Mrs.Niyom Maitree K. Harvesting and Mrs. Renu demonstrate and there is no practice and abuse on workplace	16034 (Ms.Kanii ember ID 30116 T) , Casual w P, / Chemical sp	tha N.), Member 6031 (Ms.Nittaya orker name Mr. rraying, they can	
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, harast express that they are working in pla and communicate to all members and all members and workers at the time Feb 2023. This socialization was atten	ce on the farm d all casual work via annual meet	was established ker, socialized to ling lasted on 28	Complied

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	casual workers and 192 new members attendance lists and materials can be shown during the audit. Based on sampling members and casual worker to interview such Member ID 30216034 (Ms.Kanitha N.), Member ID 30117089 (Mrs.Junyaporn T.), Member ID 30116031 (Ms.Nittaya N.), Member 30118142 (Mrs.Niyom T), Casual worker name Mr. Maitree K. Harvesting and Mrs. Renu P, / Chemical spraying, they can demonstrate and there is no practices of discrimination, harassment and abuse on workplace.	
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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.

Complied



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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 onsite 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. During the onsite 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.

Farmer Id/Name	Date of sign agreement	Date of sign Declaration
New Member ID 30118142 /Mrs. Niyom T.	17 Feb 2023	17 Feb 2023
New Member ID 30518023 /Mrs. Phirom T.	17 Feb 2023	17 Feb 2023
New Member ID 30216034 /Ms. Kanitha N.	17 Feb 2023	17 Feb 2023
New Member ID 30518032 /Mrs. Dara J.	17 Feb 2023	17 Feb 2023
Existing Member ID 30117089 /Mrs. Junyaporn T.	20 Mar 2021	20 Mar 2021
Existing Member ID 30116003 /Mrs. Thawon M.	20 Mar 2021	20 Mar 2021

		Existing Member ID 30116031 /Ms. Nittaya N.	13 Mar 2021	13 Mar 2021	
Milestone A	Smallholders complete training on and are aware of: • The importance of maintaining and conserving HCVs and HCS forests • Human-wildlife conflict; and	The group trained on HCVs and HCS 2023 for old members and new memors schedule according to the training place 2023 - 2024. The training content of indicator, such as the importance of memors and the indicator.	mbers. Establis an for the years covered the top	hed the training 2022-2023 and ics listed in the	Complied

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	Rare, threatened and endangered species and important ecosystems.	RTE species and importance Verifying during the ons covered all of the topics Mr. Teerapong J.(agriculation) training record. The ref	And HCS forests, human-wildlife conflict and mitigation efforts, and RTE species and important ecosystems. etc. Verifying during the onsite audit found the content of training material covered all of the topics in the indicator and trained by Mr. Somjet L., Mr. Teerapong J.(agricultural expert). Verifying the evidence of the craining record. The refresh training was conducted on 28 Feb 2023 for all members. For example, It found the training record below:			
		Farmer Id/Name New Member ID	Date of training 28/02/23	Topic of training HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species		
		New Member ID 30216034 /Ms.Kanitha N.	28/02/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species		
		New Member ID 30518032 /Mrs.Dara J.	28/02/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species		
		Existing Member ID 30117089 /Mrs.Junyaporn T.	28/02/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species		
		Existing Member ID 30116003 /Mrs.Thawon M.	28/02/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species		
		Existing Member ID 30116031 /Ms.Nittaya N.	28/02/23	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 primary forest and H	ICV areas surrour	standing of the availability of nding the certification unit. All 5 by the group members have	Complied	



		been developed before the date they joined the group certification. However, the HCV assessment is still being conducted internally by the group manager using simplified HCV assessment guidance. The last assessment was on 22 Aug 2023. Referring from the area of Khao Luang National 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 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 aware	
		on the importance to maintaining and protecting HCVs such as rivers and the prohibition of hunting animals within their farms.	
	2: Where the existing smallholder plot has been planted and cleared after polity period, a RaCP process appropriate for smallholders based on Land	er November 2005 or is on an area identified as HCS forests after November 2019 Use Change Analysis (LUCA) will be applicable (reference preamble).) up
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 22 Aug 2023 refers to the smallholder management manual of Sustainable Palm Oil Enterprise Network Pakpanang Group. Sustainable Palm Oil Enterprise Network Pakpanang 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 Sustainable Palm Oil Enterprise Network Pakpanang Group Smallholder, all members have completed the LUCA stage.	lied
		For this audit, the total size of land planted with oil palm in 2005 is 0.74 hectares and in April 2018 the oil palm area has increased to 592.15 hectares. Generally, the oil palm has expanded by 100% from	

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		2005 to April 2018 have completed the HCV disclosure and the LUCA process before they were included into the extension 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 Sustainable Palm Oil Enterprise Network Pakpanang Group, Thailand completed on 22 Aug 2023. However from the group manager interview, the group decided on 58 Smallholders' areas planted with oil palm within riparian areas of 8.98 ha with a total Area Planted with Oil Palm of 123.05 ha excluded to certify this assessment. This is because members have not yet practiced to meet the group's requirements. In the matter of planting oil palm within riparian areas. (Reference The LUCA report Sustainable Palm Oil Enterprise Network Lumnam Pakpanang (Pakpanang - Lot 1) Clarification 2 , Prepared on 11th August 2023, on page 21-24 of content 3.4 Analysis of Prohibited Area ; 3.4.1 Riparian Area. The 30 Smallholders' area planted with oil palm within riparian areas 3.66 ha , with total Area Planted with Oil Palm is 56.75 ha and the LUCA report Sustainable Palm Oil Enterprise Network Pakpanang (Pakpanang - Lot 2) Clarification 2 Prepared on 22nd August 2023, at page 22-25 of content 3.4 Analysis of Prohibited Area ; 3.4.1 Riparian Area. The 28 Smallholders' areas planted with oil palm within riparian areas of 5.32 ha with total Area Planted with Oil Palm is 66.3ha were excluded from this certification.) Considering the above, it concluded that LUCA Analysis which included HCV-HCS assessment identified for any new oil palm planting after 2005 of Sustainable Palm Oil Enterprise Network Pakpanang Group, Thailand on 22 Aug 2023 was Satisfactory.	
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	The LUCA assessment resulted by RSPO presented on 22 Aug 2023 indicated that Sustainable Palm Oil Enterprise Network Pakpanang Group, Thailand, has result no peat area and no plots planted no steep slopes, Members have signed a commitment that if one day develops	Complied

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November 2019, through a participatory process and the plan is submitted to RSPO.

a new area date on 17/02/2023, 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 last date on, 22/08/2023 or on peat on the declaration form. Remediation analysis was carried out within the riparian buffer and steep slope area as described in Section 3.4 in LUCA Report. The analyst has found that 28 smallholder area planted their oil palm within prohibited areas (riparian buffer). Thus, the total area that needs to be remediated is 5.32 hectares. However from the group manager interview, the group decided on 58 Smallholders' areas planted with oil palm within riparian areas of 8.98 ha with a total Area Planted with Oil Palm of 123.05 ha excluded to certify this assessment. This is because members have not yet practiced to meet the group's requirements. In the matter of planting oil palm within riparian areas. (Reference The LUCA report Sustainable Palm Oil Enterprise Network Lumnam Pakpanang (Pakpanang - Lot 1) Clarification 2, Prepared on 11th August 2023, on page 21-24 of content 3.4 Analysis of Prohibited Area; 3.4.1 Riparian Area. The 30 Smallholders' area planted with oil palm within riparian areas 3.66 ha, with total Area Planted with Oil Palm is 56.75 ha and the LUCA report Sustainable Palm Oil Enterprise Network Pakpanang (Pakpanang - Lot 2) Clarification 2 Prepared on 22nd August 2023, at page 22-25 of content 3.4 Analysis of Prohibited Area; 3.4.1 Riparian Area. The 28 Smallholders' areas planted with oil palm within riparian areas of 5.32 ha with total Area Planted with Oil Palm is 66.3ha were excluded from this certification.)

Considering the above, it concluded that LUCA Analysis which included HCV-HCS assessment identified for any new oil palm planting after 2005 of Sustainable Palm Oil Enterprise Network Pakpanang Group, Thailand on 22 Aug 2023 was Satisfactory

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	An RSPO-approved plan to remediate for HCVs lost since 2005 and HCS forests lost since November 2019 is implemented.	All members have completed the LUCA stage. Refer as above mention on 4.2 (MS A). The group decided to cut off their area out of the certified area. This audit group had only existing members, and with reference to the ASA-1 result, there were no remediated plans according to the reason defined above. The group Manager does not need to process LUCA or identify any remediation plan. Thus, there is none of the remediated plan.	Complied
	3 : New planting of independent smallholders, since November 2019: not replace any HCVs		
	not replace any HCS forests as defined by the simplified combined HCV-	-HCS approach	
• Are	e not on steep slopes (more than 25 degrees or as in the National Interp	retation)	
• 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 signed to commit 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
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	As mention on 4.3(E) The group has no plans for new oil palm planting/development of new areas.	Complied



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.	As mention on 4.3(E) The group has no plans for new oil palm planting/development of new areas.	Complied
Criteria 4.	4: Where smallholder plots exist on peat, subsidence and degradation o	f 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).	The group does not have a peat presence on existing plots of smallholder members. The member signed a declaration to commit no new planting on peat and replanting on peat only in areas with a low risk of flooding and saline intrusion. Moreover, commit to using of BMPs (Best management practices).	Not Applicable
		Sampling sign commitment from member to confirm acknowledgments and understanding as the group has no presence of peat on existing plots within the group, and smallholder Water management and monitoring of subsidence rate are not applicable since there is no peat soil identified in the area of Sustainable Palm Oil Enterprise Network Pakpanang Group and refer Nakhon Si Thammarat Land Development.	
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.	There is no presence of peat on existing plots within the group and smallholder. However, All members of Sustainable Palm Oil Enterprise Network Pakpanang Group was complete training on best management practices (BMPs) for peat since on orientation program, annual meeting on 17 Dec 2022 following from the training on the lasted on 28 Feb 2023, by group manager and Miss. Jutharat Sikaew (Group manager).	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, As mention per 4.4 E, there is no presence of peat on existing plots within the group and smallholder	Not Applicable

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).	Not Applicable, As mention per 4.4 E, existing plots within the group and sn	•	sence of peat on	Not Applicable
Milestone A	Smallholders with plots on peat complete training on identification of future risks of flooding or saline intrusion and alternate land development strategies.	• • • • • • •	Not Applicable, As mention per 4.4 E, there is no presence of peat on existing plots within the group and smallholder		
Milestone B	Prior to replanting on peat smallholders complete a risk assessment related to flooding or saline intrusion and, where there is high risk, present a plan that includes alternate land development strategies, referencing alternative livelihood planning.	Not Applicable, As mention per 4.4 E, there is no presence of peat on existing plots within the group and smallholder			Not Applicable
Criteria 4.	6: Fire is not used on the oil palm plot for preparing land or for pest con	trol, nor open fire for waste managem	ent 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).	Is irresponsible use of fire for the purpose of land preparation for new		paration for new of and sanitation. Joing cases before disposal is also as stated in the roup, manual on the at no burning for	Complied
		Farmer Id/Name	Date of sign agreement	Date of sign Declaration	
		New Member ID 30118142 /Mrs. Niyom T.	17 Feb 2023	17 Feb 2023	
		New Member ID 30518023 /Mrs. Phirom T.	17 Feb 2023	17 Feb 2023	



		New Member ID /Ms. Kanitl New Member ID /Mrs. Dar	na N. 30518032	17 Feb 2023 17 Feb 2023	17 Feb 2023 17 Feb 2023	
		Existing Member I	D 30117089	20 Mar 2021	20 Mar 2021	
		Existing Member I /Mrs. Thaw		20 Mar 2021	20 Mar 2021	
		Existing Member I /Ms. Nitta		13 Mar 2021	13 Mar 2021	
Milestone A	preparation for oil palm by smallholders. Smallholders complete training on and are aware of: • Alternatives to fire for land preparation and farm waste management (where appropriate possible). • Alternatives to fire for pest control. • Fire prevention and how to respond to and manage fires in their plots.		audit found the ics in the indicato for land preparation possible). for pest control. d how to respond L. and Mr. Teerale of the training rech 2023 for all motural expert). For its control of the control of the training rech 2023 for all motural expert).	r as follows: on and farm was d to and mana pong (agricultu ecord. The refreembers by Mr	ge fires in their ural expert). esh training was Somjet L. ,Mr.	Complied
		Farmer Id/Name	Date of training	Topic of trainir	ng	
		New Member ID 30518023 /Mrs.Phirom T.	10/03/23	OSHA, First Aid for the pest cor management a		



		New Member ID 30216034 /Ms.Kanitha N.	10/03/23	OSHA, First Aid , fire prohibition for the pest control and waste management and BMPs	
		New Member ID 30518032 /Mrs.Dara J.	10/03/23	OSHA, First Aid , fire prohibition for the pest control and waste management and BMPs	
		Existing Member ID30117089 /Mrs.Junyaporn T.	10/03/23	OSHA, First Aid , fire prohibition for the pest control and waste management and BMPs	
		Existing Member ID 30116003 /Mrs.Thawon M.	10/03/23	OSHA, First Aid , fire prohibition for the pest control and waste management and BMPs	
		Existing Member ID 30116031 /Ms.Nittaya N.	10/03/23	OSHA, First Aid , fire prohibition for the pest control and waste management and BMPs	
		showing that fire is u plots owned by the aware that they ca replanting. Use of fire	sed to dispose of sampled member unnot use fire for waste disposinicated on the zero.	strate that there is no evidence waste or for land preparing at ers. All sampled members are or land clearance for further all is also prohibited. The group ero-burning policy by the group	
		have committed to no nor open fire for v	o burning for pre vaste manageme by Sustainable	vith sampled smallholders, they paring land or for pest control, ent. This verified as per site Palm Oil Enterprise Network iffication.	
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			state on the Roundtable on nagement manual on page ±4.	Non- compliance

Criteria 4 Eligibility	•7: Riparian buffer zones are identified and managed to ensure they are Group manager identifies riparian buffer zones within the group and smallholders commit to no new planting in riparian zones (Refer to appendix 1).	30518060, 30518032, 3051802 was found that use fire burning waste within the plot.	Complied
		The group established the Integrated Pest Management (IPM) approaches used to minimize the use of pesticides on smallholder farmers, such as Control of rat by Exploring the infestation of rats and using natural enemies of rodents, owls, snakes, etc. During on-site assessment and interviews with the sampling, members were confirmed that fire has never been used in this region and other areas during the field observation trip. There was no indication of burn marks. However, from the verification of visits to plots by Member no.	
	may be used only in exceptional circumstances i.e. where no other effective measures exist and with prior approval of relevant authority.	The training has been provided for all members. The group manager explained the zero burnings to the group members during the annual meeting. Therefore, group members are aware that they cannot use fire for land preparation during replanting. The waste management and disposal are written in the Roundtable on sustainable palm oil for smallholder management manual on page 53. The group manager will collect and dispose of the sub-district administration office. The agrochemical empty containers for empty fertilizer bags were delivered empty containers to the group to further collect and dispose of the appropriate method.	

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		Farmer Id/Name	Date of sign agreement	Date of sign Declaration	
		New Member ID 30118142 /Mrs. Niyom T.	17 Feb 2023	17 Feb 2023	
		New Member ID 30518023 /Mrs. Phirom T.	17 Feb 2023	17 Feb 2023	
		New Member ID 30216034 /Ms. Kanitha N.	17 Feb 2023	17 Feb 2023	
		New Member ID 30518032 /Mrs. Dara J.	17 Feb 2023	17 Feb 2023	
		Existing Member ID 30117089 /Mrs. Junyaporn T.	20 Mar 2021	20 Mar 2021	
		Existing Member ID 30116003 /Mrs. Thawon M.	20 Mar 2021	20 Mar 2021	
		Existing Member ID 30116031 /Ms. Nittaya N.	13 Mar 2021	13 Mar 2021	
		During interviewing and document r riparian buffer zones (nearby the river The group has an action plan for 110 in riparian zones and trimming leaves	and the canal) to plots, such as N	otal of 110 plots. lo new plantings	
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 members trained on HCVs of the riparian buffer zone managem to maintain and/or enhance ripariar 2023.	ent approach an	d an action plan	Complied
		Verifying during the audit found the covered all the topics in the indicator.		•	

...making excellence a habit."



Teerapong J. (agricultural expert). Verifying the evidence of the
training founded training plan as form training record and Training
attendance sheet. Conducted the training on 24 March 2023. For
example, The training record below:

Farmer Id/Name	Date of training	Topic of training
New Member ID 30518023 /Mrs. Phirom T.	24/03/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
New Member ID 30216034 /Ms. Kanitha N.	24/03/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
New Member ID 30518032 /Mrs. Dara J.	24/03/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
Existing Member ID30117089 /Mrs. Junyaporn T.	24/03/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
Existing Member ID 30116003 /Mrs. Thawon M.	24/03/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species
Existing Member ID 30116031 /Ms. Nittaya N.	24/03/23	HCV&HCS/ human-wildlife conflict and mitigation efforts, and RTE species

During the site assessment, provide instruction for the members who own plantations close to watercourses to maintain buffer zones with natural vegetation along these waterways. For example, the buffer zones are also required to stop spraying agrochemical. The result from the onsite inspection confirmed that the buffer zones are well

		maintained. Moreover, there was no evidence from spraying activities and fertilizing activities along the waterway.	
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.	Complied
		The group implements that the actions taken to the conservation program set aside \pm 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.	
Criteria 4	8: Pesticides are used in ways that do not endanger health of workers, to	family, communities or the environment.	
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	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 BMPs. 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.	Complied
	pesticide purchase and use. (Refer to appendix 1)	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 Sustainable Palm Oil Enterprise Network Pakpanang Group all	

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		pesticide/herbicide usage by smallholder members and keep the record in the office.	
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
		- Training on GAP, HCV Management, Management of Hazardous and Toxic Materials (LD50) and Occupational Accident and Health Training conducted in Sustainable Palm Oil Enterprise Network Pakpanang Group Office on 10 March 2023.	
		- Refresh Training on GAP, HCV Management, Integrated Pest Management (IPM, and Weed Control conducted at Sustainable Palm Oil Enterprise Network Pakpanang Group on 10 March 2023. Training by Mr. Somjet L., Mr. Teerapong J. (agricultural expert). Verified the evidence of the training record. The refresh training Topic 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 was conducted on 24 March 2023 for all members by Mr. Somjet L., Mr. Teerapong J. (agricultural expert).	
		Evidence of training can be shown during audit. Minutes of training and attendance list are available during audit.	
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.	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. Sustainable Palm Oil Enterprise Network Pakpanang Group has established a mechanism to identify pregnant and breast-feeding women, e.g., by implementing regular	Non- compliance

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		checks in the organization's clinic. Based on an interview with the spraying workers, there is evidence that pregnant and breastfeeding women are not allowed to handle pesticides. The Sustainable Palm Oil Enterprise Network Pakpanang Group has been interviewed with the sprayer gang to confirm that they have been provided with appropriate and safe application equipment. A list of pesticide operators is available in the Summary report Medical Surveillance for 31/03/2023. All workers handling pesticides must undergo annual medical surveillance at least once a year. Records of Annual Medical Surveillance are available in Occupational Medical Surveillance Programmed Record Book as per Medical Surveillance Program for 2023. Bangkok-Surat Hospital has conducted the medical surveillance by Dr. Kirttanu F. Licence 42871. Based on the medical check-up result, no pesticide operator affected the cause of pesticide. Evidence of training member that use Glufosinate-ammonium had been trained can be shown during audit. Minutes of training and attendance list are available during audit. However, from the verification of the visit to plot member ID.30518051 Glufosinate-ammonium were used. However group not updated list of all pesticides used in the plots of Smallholders.	
	.9: The group and smallholders manage pests, diseases, weeds and in Pest Management (IPM) techniques.	nvasive introduced species using appropriate techniques, including but	not limited to
Eligibility	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 course on best management practices (BMPs) including the use of IPM for group members was conducted on 8,5 October 2022 for old members and new members trained on 17-18 October 2022 . Established the training schedule according to the training plan for the years 2021-2022 and 2022 - 2023. The training	Complied



content covered the topics listed in the indicator, such as BMP, record control, costing control and task planning etc.

Verifying during the onsite audit found the content of training material covered all of the topics in the indicator and trained by Mr. Somjet L., Mr. Teerapong J.(agricultural expert). Verifying the evidence of the training record. The refresh training was conducted on 24 March 2023 for old members new member and subcontract . For example, it found the training record below:

Farmer Id/Name	Date of training	Topic of training
New Member ID 30518023 /Mrs.Phirom T.	24/03/23	IPM,BMPs and GAPs
New Member ID 30216034 /Ms.Kanitha N.	24/03/23	IPM,BMPs and GAPs
New Member ID 30518032 /Mrs.Dara J.	24/03/23	IPM,BMPs and GAPs
Existing Member ID30117089 /Mrs.Junyaporn T.	24/03/23	IPM,BMPs and GAPs
Existing Member ID 30116003 /Mrs.Thawon M.	24/03/23	IPM,BMPs and GAPs
Existing Member ID 30116031 /Ms.Nittaya N.	24/03/23	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.	During this field visit and interview with smallholders and ICS, confirmed that they have developed beneficial plants (Turnera subulata), Mexican creeper for natural enemies of leaf eater caterpillar. The Group Manager also provided a Barn owl (Tyto alba) nest to conserve and develop the barn owl and Protozoa (Sarcocystis singarporinsis as a natural enemy of rats. Some smallholders conducted weeding using manual or mechanical methods to minimize the use of pesticides. Group managers and smallholders maximize the use of IPM approaches to minimize the use of pesticides and herbicides on their farms.	Complied
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. Jutharat Sikaew has been appointed as group manager of	Complied
Milestone A	The Group has appointed a group manager	Sustainable Palm Oil Enterprise Network Pakpanang. She was appointed since on 28 February 2022, during annual meeting of the year 2022 with the approval of the group committee members	Complied
Milestone B	The Group has appointed a group manager	collected between 08 - 19 February 2022. The group manager is the individual and she is one of the group members. The meeting record for the year 2023 for the appointment of the group manager is made available to the group members. All members were acknowledgement and approved Group manager including Group committee.	Complied
A.1.2			
Eligibility	The group manager has evidence of legal identity.		Complied



Milestone A Milestone B	The group manager has evidence of legal identity. The group manager has evidence of legal identity.	Sustainable Palm Oil Enterprise Network Pakpanang is a registered organization according to the Community Enterprise Promotion Act, B.E.2548 (2005) that registered with Chian Yai District Agriculture office of Year 2023 valid till 31 December 2023. The registration number is 8-80-06-11/2-0010. As required by Thai laws, the group has to re-register with Chian Yai District Agriculture Office, Nakhon Si Thammarat Province. The certificate of registration is kept by group manager at the office.	Complied Complied
A1.3			
Eligibility	The group has membership requirements.	The Group has established a "Sustainability Manual" which includes	Complied
Milestone A	The group has membership requirements.	procedures and relevant forms. It covers all activities for the management of the group members.	Complied
Milestone B	The group has membership requirements.	The procedure for new member registration and related member requirements was also state in the manual at page no. 13-16; Topic: "Membership and Registration" which including sub-topic as follow: • Membership recruitment process. • Member qualification. • Appy members by repeating requests. • Termination of membership. • Termination process Furthermore, there are other member requirements such as Compliant process (P.17), Punishment regulations (P.25), Annual group meeting (P.27-26). The implementation for registration has been verified based on review of personal file of each member, such as application letter, declaration to implement sustainability standard, ID card, land title. Agricultural coacher or database officer evaluated the readiness of new applicants	Complied

		according to the readiness assessment form (Gap Analysis) (Sor-Mor-	
		Bor 003) by interview and documentary evidence. and record information. The smallholder must sign the acknowledgment of the smallholder declaration (Sor-Mor-Bor 005) and participate in various activities as determined by the group.	
		There are 192 new group members who have evaluated against the membership requirements. Sample new member as follow;	
		Member ID 30518060 (Mrs. Watsana R.), Joining group on 20 April 2018, signed group agreement and signed the declaration letter on 6 September 2021.	
		Member ID 30120182 (Mr. Lek K.), Joining group on 17 July 2020, signed group agreement and signed the declaration letter on 20 January 2021.	
		Member ID 30120182 (Ms. Dara J.), Joining group on 27 April 2018, signed group agreement and signed the declaration letter on 17 Feb 2023.	
A.1.4			
Eligibility	All members have signed and acknowledged membership requirements.	Each of the member of groups who joined the Sustainable Palm Oil Enterprise Network Pakpanang signed the application Letter of	Complied
Milestone A	All members can demonstrate understanding of membership requirements.	Membership and Member Group Declaration (see criteria 1.3). In addition, they also fulfil the membership requirement as described in indicator A 1.3. Sampling record signed and acknowledged and aware	Complied
Milestone B	All members can demonstrate understanding of membership requirements.	of membership requirements including interviewed all sampling to confirmed they can demonstrate understanding of membership requirements such as	Complied
		Existing member	



		 Member ID 30116053 (Ms .Chawiwan W.), Joining group on 10 December 2016, signed group agreement and signed the declaration letter on 11 January 2021. Member ID 30116031 (Ms. Nittaya N.), Joining group on 24 November 2016, signed group agreement and signed the declaration letter on 13 Mar 2021. 	
		 New member Member ID 30120197 (Ms. Uraiwan R.), Joining group on 17 July 2020, signed group agreement and signed the declaration letter on 20 January 2021. 	
		 Member ID 30518023 (Mrs. Phirom T.), Joining group on 27 April 2018, signed group agreement and signed the declaration letter on17 Feb 2023. 	
A.2 The C	Group Manager is responsible for managing the Group for certifi	cation.	
A.2.1			
Eligibility	The group manager has planned for the implementation of the ICS.	The Group Manager has arranged the "Business development plan", including ICS plan, Plan to promote garden management, Garden management plan, Environmental, safety and legal plan, Economic and social plan, which ICS Plan on the form of Sustainable Palm Oil Enterprise Network Pakpanang for Y2022-2023 and new plan Y2023-2024 it contains activities and implementation time targets.	Complied
		The plan has been reviewed and approved on 30 November 2022 by group chairman and group manager and communicate of ICS plan on	
		ordinary meeting on 28/02/23, 10/03/23, 24/03/23. Some of the programs that including:	
		programs that including:	



Milestone	The group manager can demonstrate compliance of the ICS by	 4. Internal audit. 5. Training program for RSPO RISS principle 1-4. 6. Ordinary meeting program. 7. External audit. The ICS has planned and implemented for all the group members. The group manager has established a plan and implemented the 	Complied
A	individual members.	internal audit of all group members (298 members). The plan was	30pca
Milestone B	The group manager can demonstrate compliance of the ICS by individual members.	reviewed once a year. The group manager established plan for implementation of ICS at least once a year, of Y2022-2023 and new plan Y2023-2024 was conducted since on January – December 2023. There is total 3 internal auditors, registered and approved by the group. According to the audit program, the internal audit will be split sub group for member. The auditors who were chosen to be visited and audited are in each group.	Complied
		Based on the interview with the 41 sample group members found the plan ICS has implemented with conducted the group meeting e.g. member registration, training, group meeting and internal audit.	
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 has attended the Training of RSPO Independent Smallholder Standard 2019 on 28 Apr 2022 by Dr. Benjamaporn (RSPO Standard trainer; on line public training) and had refresh training of RSPO ISH standard on 28/02/23, 10/03/23, 24/03/23 by Mr. Somjet (Group Manager of the Sustainable Palm Oil Producing Community Enterprise Group Sai Khueng-Bang Sawan).	Complied
		The group manager has formed organization structure and has managed sufficient resources to manage the group, the existing	

		resources are managed based on the organizational structure of the group based on the direction of the group manager as follows: • The group committees announcement has the responsibility of RSPO ISH of Sustainable Palm Oil Enterprise Network Pakpanang reviewed and approved on 28 February 2022. • Ms. Jutharat Sikaew was announced to Group Manager representative for management and monitoring all of activity of RSPO ISH of Sustainable Palm Oil Enterprise Network Pakpanang	
		reviewed and approved on 28 February 2022. Furthermore, the Group manager also has sufficient funding to manage the group that comes from RSPO premium sharing. The premium sharing has been supported by Thai Tallow and Oil Co. Ltd. since 1 February 2023. The premium sharing term and mechanism also have been communicated during Annual Member Meeting on 28/02/23, 10/03/23, 24/03/23. The company had agreement for group as additional price 0.05 Baht for non-certified member and 0.10 Baht for certified RSPO member. All members accepted and agreed with the condition and no negative feedback from them.	
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. The group manager can explain the procedures for implement RSPO ISH standard e.g. process for addition of new members within the scope of certification.	Complied
		Furthermore, during an interview with ICS teams and group members, can be concluded that the effectiveness of the ICS system and implementation in the field is because of the result of effective management system conducted by the group manager. The group manager has important perform for support ICS implementation such	

		as advice and resolve the problems of ICS implementation and any control of 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.	Group training plan was established and approved by group manager on 30 November 2022, which is identified in "Business development plan". The plan was specified training during February-December 2023, including: • GAP/BMP • Techniques and procedures for collecting leaf and soil samples. • Using fertilizer for palm plantations. (Analysis value or fertilizer deficiency symptoms) • IPM and chemical handling • HCV and HCS • NPP • Occupational health and safety • Labor, forced labor, wages • Harassment or sexual harassment • Using fire or other methods instead • Using the HCV App • Replanting in peat soil • Preventing forest fires in peatland areas • Legal registration • Preventing washout, erosion, and maintaining buffers along river banks	Complied
Milestone A	The group manager implements a phased approach to ensure members have progressively attended training on the ISH Standard,	The group manager provided training to all the group members as per the training plan established. The training attended by the members	Complied

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	group management and other topics as outlined in the ISH Standard according to the group annual training plan.	which was recorded in attendance sheet and training documents are available for review at the Group Office. All result of training conducted as mention in A2.1 MS B	
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 field observations of the sample smallholder show that both of existing and new members had attended the training courses as planned and demonstrated their understanding knowledge from the courses such as;	Complied
		Training courses Date	
		 GAP IPM and pesticide use Safety and use of chemicals in palm plantations Using the HCV App 	
	 Techniques and procedures for collecting leaf and soil samples. Using fertilizer for palm plantations. (Analysis value or fertilizer deficiency symptoms) 07/04/23, 25/04/23, 12/05/23 12/05/23 		
B – ICS: F	Policies and management		
B.1 The g	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 Sustainability Manual on page 25 and the procedure for conduct internal audit on page 56-59. Detail of the procedures define that: • Internal audit consists of 1) internal audits for group management and 2) internal audits for group members.	Complied

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		 Internal audit for group specify that there will be conducted at least once a year by internal or external auditor Members must go through a 100% internal audit according to the Interpretation of the ISH Standard (11 Mar 2022) before certification. The process of internal auditing includes the preparation for audit plan, appoint internal auditors and internal audit reviewer, audit preparation, conducting the audit, audit results summary, control of nonconformity and Internal Audit reporting. For the punishment process. It states that members who fail to comply 	
		with the requirements will be punished. There will be punishment in such cases as a warning, disqualification of references to certification.	
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	Group has shown the implementation of internal audit 2022-2023. Last internal audit for all group members (298 members) was	Complied
Milestone B		separated into 2 plans. First plan for existing member, was conducted on December 2022 – January 2023 and second plan for new member, was conducted on February – June 2023 which all findings conformed with the standard. Internal audit of group management was conducted on 20 August 2023 and all audit findings conformed with the standard and the group's procedures.	ed Complied er, ed ed
		Data verified of internal audit implementation as following: • The group manager established plan for implementation of ICS at	
		least once a year, of Y2023 was conducted since 16 June 2022	
		 Found the internal audit plans for members which divided into 2 plans; First plan for existing member which 193 members were selected by using risk assessment analysis, and second plan for new member, was conducted for 100% new member. 	
		Found the appointment of internal auditor committees which separated for group management and group members.	



		 Registration of Internal Auditors of group management and certification committee, dated 1 November 2022, included 3 persons as Ms. Jutharat Sikaew, Mr.Watcharapong Srisompoch, Ms.Kanyapat Pech-Chuchouy. Registration of Internal Auditor of group manager, dated 1 	
		 Registration of Internal Auditor of group manager, dated 1 November 2022, as Ms. Somjet Lertgrai All internal auditors have suitable competency as specified criteria, for example, having passed the ISH standard training by RSPO Thailand and Internal Audit for ICS on 25-26 July 2020 (for group management auditors and certification committees) and 30 July 2021 (for group members auditors). 	
		The result of the latest internal audit, there were 1 case of non-compliance of the RSPO ISH standard, as 3.5 MS A and 4.8 E. Corrective actions and monitoring of all NCs were conducted and had effectiveness.	
B.1.2			
Eligibility	Basic information, farm information, production data, legal documentation of group members and signed Smallholder Declarations are available to the group manager	Group has kept all member information including basic information, farm information, production data, legal documentation of group members and signed smallholder declarations.	Complied
Milestone A	Basic information, farm information, production data, legal documentation of group members and signed Smallholder Declarations are available to the group manager	Documents verifications, interviews with the group manager, and group members during field visits it was known all members have signed and acknowledged membership requirements.	Complied
Milestone B	Basic information, farm information, production data, legal documentation of group members and signed Smallholder Declarations 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)	Complied
		Plot location of member.The land ownerships evidence such as a land deed.	

	Group Business planning Group has a Business Plan prepared with the participation and co	 Example of a group member data as; Mrs. Niyom Thonmee ; Member no. 30118142 Application approved on 27 June 2020; signed letter of acknowledged membership requirements and declaration letter on 17 Feb 2023; Title Deed No. 28811, 28812 covering the production area of 5.12 ha, FFB production record on 15 September 2023 was 3,820 kg. Intributions 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	 This group has an annual group business plan which includes: Production and income forecasting based on historical records and plans for expansion. Reference to their business plan for 3-5 years (2023 – 2028) and focus 2023 to 2025. The group business plan is implemented and reviewed at least 	Complied

		A distribution channel for the premium price difference that members can get. Plans to expand the area 5,000 rai in 5 years (1000 rai per year) according to the capacity of the group. Last previous years can expand the area 20% for year 2023.	
Milestone A	The group business plan is implemented and reviewed at least annually.	The group business plan is implemented by the group manager and committee to follow according to plan and communication to all group member and monitoring effectiveness of implemented such as: group member feedback or social complaint. Based on the Annual Member Meeting Report, the premium utilization among others for audit cost, ICS contribution and capacity building, administrative tools, and signboard. Based on interviews with a sample of farmers, they have known the expenses of premium prices which have been disseminated through the Annual Member Meeting. Latest business plan has reviewed on 24 March 2023 via monthly meeting by group committee and will be report to all member via annual meeting on 24 March 2024.	Complied
Milestone B	The group demonstrates financial stability and growth, and is able to support itself financially.	This group has an annual group business plan which includes: Production and income forecasting based on historical records and plans for expansion. Reference to their business plan for 3-5 years (2023 – 2028). Auditor has verified financially stable and shows growth from previous year of annual meeting. The group business plan is implemented and reviewed at least annually with lasted reviews on 24 March 2023 The group demonstrates financial stability and growth and it's able to support itself financially refer to financial plan of year 2021 to 2022 and 2022 to 2023 and lasted annual meeting on 24 March 2023 (detail in presentation) of their financial efficiency.	Complied



C.2 The I	C.2 The ICS of the group is integrated with the group's management plan.			
C.2.1	2.2.1			
Eligibility	A group management plan is available which includes: • Training/capacity building plans to improve productivity of group members. • An approach to strengthen links within the supply chain. • Plan for continuous improvement projects (i.e. on waste, soil, etc.), if any.	This group has an annual group business plan which includes: Continual improvement plan 2023 Training for pesticide application Fertilities management in the oil palm plantation Harvesting management Increasing productivity of oil palm Reduce production cost Social and environment impact plan Training SEIA evaluation Interested parties survey Summary result and report Water management Training for water use in oil palm plantation and water source management Member filed visit with 100% of all members (Within 1 cycle of certificate). Waste management: training and monitoring of waste management. Cost reducing plan; training, soil & leave testing, follow up for soil fertility improvement and fertilizer use, fertilizer applied. According to their business plan, they were implemented as plan and was done annually reviews with lasted done on 24 March 2023 and approve by chairman on 30 March 2023.	Complied	

Milestone A	The group management plan is implemented and reviewed at least annually.	All of the management plans have been implemented by the identified person in charge. When this plan has been implemented to the involved person or other related, the responsibility is reporting the process and result to the group manager and then to report in the meeting again. This plan has reviewed at least once a year with the latest reviews was done on 24 March 2023 and approve by chairman on 30 March 2023. (it included group ordinary meeting).	Complied
Milestone B	The group manager demonstrates the group's compliance with this ISH Standard.	This group has an annual group business plan which includes: continual improvement plan 2023 Training for pesticide application Fertilities management in the oil palm plantation Harvesting management Increasing productivity of oil palm Reduce production cost Social and environment impact plan SEIA evaluation Interested parties survey Summary result and report Water management Training for water use in oil palm plantation and water source management Member filed visit with 100% of all members. Waste management: training and monitoring of waste management. Cost reducing plan; training, soil & leave testing, follow up for soil fertility improvement and fertilizer use, fertilizer applied.	Complied



According to their business plan, they were implemented as plan and was done annually reviews with lasted done on 24 March 2023.

The group manager demonstrates the group's compliance with this ISH Standard by registered their group compliance to Thailand legal, registered in RSPO member and palm trace system, set ICS for this group, policy appointment covering to social and environment, set the business plan.

Finally, to monitor and reviews of the effectiveness of their system with annually meeting.

An auditor will verify the effectiveness of this group system in the onsite audit.

The group business plan is implemented and reviewed annually on 28 January 2023 via ordinary meeting. The latest review was on 24 March 2023

Referring to the last meeting on 28 Jan 2023 and the financial plan for the year 2022, this group shows financial stability and growth from the previous year. They were able to support themselves financially.

This group has an annual group business plan which includes:

- a) Continual Improvement Plan 2023
 - Advised foliar piles (Oil Palm Leaf) in suitable area conditions.
 - Healthy and Safety awareness including First aid kit.
 - Health checkup with who used chemical.
 - Reduced waste such as Chemical used container, Fertilizer empty bags
 - Refresh RSPO/RISS training
 - Sampling soil for testing practice
 - GARNODERMA eradication or prevention



Certificate of Develop leadership potential being a good trainer as Knowledge of RISS
Training for pesticide application
Fertilities management in the oil palm plantation
Harvesting management
Increasing productivity of oil palm
Reduce production cost
b) Social and environment impact plan
 Training (HCV & HCS, FPIC, labour law, safety and risk assessment of work)
SEIA evaluation
Interested parties survey
Summary result and report
c) Water Management
Training for water use in oil palm plantation and water source management
Field visit to all member's.
d) Waste Management
Training and monitoring of waste management
e) Cost reducing plan
 Training (GAP, BMP, IPM and chemical use including record of plantation operation cost)
Soil & Leaf sampling
 Monitoring of soil fertility with improved fertilizer use and application.

		The business plan is implemented and latest established on 28 January 2023 and reviewed on 24 March 2023. During the audit, the group manager has demonstrated the group complies with the ISH Standard by registered their group compliance to Thailand legal, registered in RSPO member and palm trace system, set ICS for this group, policy appointment covering the social and environment, set the business plan, etc. The group manager also monitoring and reviews the effectiveness of their system with annual	
D – ICS: 0	Group trading system for certified volumes		
D.1 The g	roup has a procedure and system in place for the tracking of FFI	3.	
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.	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, then group manager were verified the data by compare the data from logbook with the weighing bill and Record from purchasing Mill to ensure correct data and traceability of all FFB. For RSPO certified can trace from palm trace system by book & claim module as define in documented procedure of FFB purchase of RSPO group members an selling products in page no. 23-24 of Group Manual issue 26 Dec 2022. Group manager (Ms. Jutarat S) was appointed to monitoring.	Complied
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. All group member has to report sales and/or harvested FFB volume to the group manager every three months, both for certified	Complied

		and none certified RSPO. RSPO certified can be traced from the palm trace system 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. Jutarat S.(Group manager) and Mr. Somjate L.(Group advisor) has been appointed and responsible for selling the physical and credit. The group manager has compared FFB volume from the previous year with every 3-6 months and keeps the result to estimate FFB in the next cycle.	
		The forecast certified tonnage of FFB (Own Certified Scope) for next year, referencing the production record of FFB of all members (Exiting and new members) was used for the yield production 21.875 tFFB/hectare (3.50 tFFB/rai).	
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 following Group manual (KB-P-001) issued 26 Dec 2022	Complied
		Group members has report sale and/or harvested FFB volume to group manager every 3-6 months both of sale for certified and none certified RSPO.	
		Ms. Jutarat S.(Group manager) and Mr. Somjate L.(Group advisor) 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 all smallholder members 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. 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 06 Nov 2022 to 15 Oct 2023 found the Sustainable Palm Oil Enterprise Network Pakpanang Group was sold as 100 % of Physical (see the details as section 1).		
D.2 The g	roup documents and implements a system for the tracking of FF	B	
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	Group manager maintains the annual production and sales of certified volumes, covering traceability of all group members in excel file.	Complied
	actual receipts for and sales by all members	Group members has report sale and/or harvested FFB volume to group manager every 3-6 months both of sale for certified and none certified RSPO.	
		All FFB produced by existing smallholder members are 100% certified; For RSPO certified can trace from palm trace system by book & claim IP module.	
		The group has developed an MS Excel spreadsheet to record and maintain annual production data and sales of certified volumes through Book and Claim. The mechanism developed and sighted is adequate to maintain yearly production data and sales of certified volumes through Book and Claim.	
		The group members will be issued a copy of the weighing bill after the FFB is weighed at the Thai Tallow and Oil Co., Ltd (TTO 3) POM. The issued weighing bill as confirmation of the delivery and the amount to be paid is included.	
		The member card used to deliver the FFB was indicated on the weighing bill. All of group members are aware of their sold the book and claim method with group manager has informed during meeting every time.	



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.	The group has developed an MS Excel spreadsheet to record and maintain annual production data and sales of certified volumes through Book and Claim. The mechanism developed and sighted is adequate to maintain yearly production data and sales of certified volumes through Book and Claim.	Complied
		The group members will be issued a copy of the weighing bill after the FFB is weighed at the TTO3 POM. The issued weighing bill as confirmation of the delivery and the amount to be paid is included. The member card used to deliver the FFB was indicated on the weighing bill.	
		Additionally, the group is registered on the RSPO Palmtrace platform with ID RSPO_PO1000012290 under the membership name Sustainable Palm Oil Enterprise Network Pakpanang.	
		Group had scope of Certificate is "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.	
		At this assessment is ASA 1; from verified the record and traceability from 06 Nov 2022 to 15 Oct 2023 found the Sustainable Palm Oil Enterprise Network Pakpanang, was sold as 100 % of Physical (see the details as section 1).	
D.3 The g	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	The group manager informed during the annual meeting on 28 Feb 2023, 10 Mar 2023 and 24 Mar 2023 that all certified members and	Complied

	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.	certified oil palm plots, thus certified product sales as premium prices were received. Decision-making and governance were made fair and transparent via Sustainable Palm Oil Enterprise Network Pakpanang sustainability manual issued 25 Dec 2022 and MOU issued on date 1 Feb 2023 with the factory (Thai Tallow and Oil Co., Ltd (TTO 3) POM) to purchase certified products from members of the group in premium price, that payment is made by the factory and is paid directly to the certified members who brings the FFB to the factor by time to time at 100 baht/MT(Orange Card member), and for the non-certified members who brings the FFB to the factor by time to time at 50 baht/ MT (Green Card member).	
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 Sustainable Palm Oil Enterprise Network Pakpanang sustainability manual issued 25 Dec 2022 and MOU issued on date 1 Feb 2023 with the factory (Thai Tallow and Oil Co., Ltd (TTO 3) POM) to purchase certified products from members of the group in premium price, that payment is made by the factory and is paid directly to the certified members who brings the FFB to the factor by time to time at 100 baht/ MT(Orange Card member), and for the non-certified members who brings the FFB to the factor by time to time at 50 baht/ MT (Green Card member) During field observation and interview 41 selected members, that they know, understand and has received what they called "Palm RSPO".	Complied



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	NA
РКО	NA

Extraction	%
OER	NA
KER	NA

Production	t/yr
FFB Process	NA
CPO Produced	NA
PKO Produced	NA

Land Use	На
OP Planted Area	NA
OP Planted on peat	NA
Conservation (forested)	NA
Conservation (non-forested)	NA
Total	NA

Summary of Field Emission and Sink

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

*Note: Includes both estates and smallholders



Summary of Mill Emission and Credit

	tCO ₂ e	tCO₂e/tFFB		
Emission				
POME	NA	NA		
Fuel Consumption	NA	NA		
Grid Electricity Utilization	NA	NA		
Credit				
Export of Grid Electricity	NA	NA		
Sales of PKS	NA	NA		
Sales of EFB	NA	NA		
Total	NA	NA		

Summary of Kernel Crusher Emission and Credit (if applicable)

Emissions	tCO₂e
PK from own mill	NA
PK from other source	NA
Fuel Consumptions	NA
Total Crusher emissions	NA

^{*}This mill has no kernel crusher operation.

Palm Oil Mill Effluent (POME) Treatment:	
Divert to Compost (%)	NA
Divert to anaerobic diversion (%)	NA

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

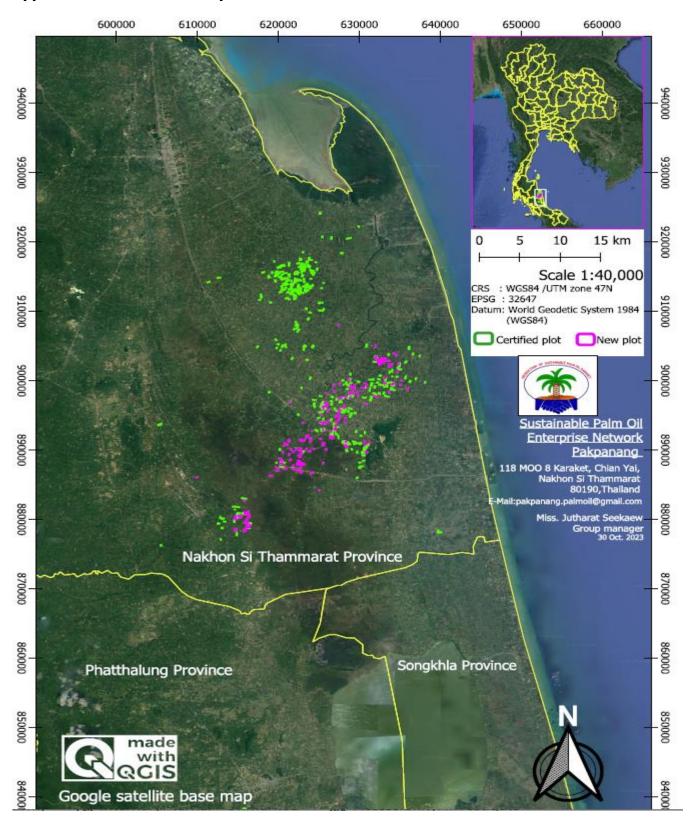


Appendix C: Location Map of Certification Unit and Supply bases

Refer to Appendix D



Appendix D: Estate Field Map





Appendix E: List of Smallholder Registered and/or sampled

Sampling Group	Current Certification	Scope Extension	Other:					
106 existing members	1.2 (medium risk)	N/A	N/A					
192 New members	N/A	2.0 (high risk)	N/A					
Justification of Risk Factor Applied	Critical NCRs for monitoring impact or social impact.	Existing members used medium risk factors according to the last assessment and had 7 Critical NCRs for monitoring the effective closure. Previous 7 NCRs are not have any health						
Number of samples	Total actual 41 members: 13 o	otal actual 41 members: 13 of Existing members and 28 of new members .						
Remarks	None.							

No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
1	Miss.Amnuai Thongmee	Karakat, Chian Yai	8° 2'0.62"N	100° 8'21.00"E	1.60	1.47	32.16	16/10/20	30118111
2	Miss.Benjarin Juliratchaneekron	Ta Som, Hua Sai	8° 3'44.54"N	100° 6'3.75"E	1.70	1.71	37.41	16/10/20	30216005
3	Miss.Canjana Chongkaichak	Khaophrabat, Chian Yai	8° 3'31.64"N	100° 8'22.90"E	1.20	1.09	23.84	16/10/20	30317007
4	Miss.Chawiwan Wangchamnong*	Karakat, Chian Yai	8° 3'46.26"N	100° 7'33.74"E	0.70	0.70	15.31	16/10/20	30116053
4	Miss.Chawiwan Wangchamnong	Karakat, Chian Yai	8° 3'53.21"N	100° 8'10.61"E	1.13	1.13	24.72	16/10/20	30116053
5	Miss.Kotchapan Janpet	Banklang, Chian Yai	8° 7'12.10"N	100°11'55.10"E	1.42	1.42	31.06	16/10/20	30217082
6	Miss.Kuson Phanchatri	Khreng, Chauat	8° 2'34.22"N	100° 6'42.94"E	1.35	1.35	29.53	16/10/20	30817010
6	Miss.Kuson Phanchatri	Khreng, Chauat	8° 2'41.36"N	100° 6'51.87"E	2.08	2.08	45.50	16/10/20	30817010
6	Miss.Kuson Phanchatri	Khreng, Chauat	8° 4'38.71"N	100° 9'12.63"E	4.47	4.47	97.78	16/10/20	30817010
7	Miss.Monthip Attamang	Karakat, Chian Yai	8° 4'39.00"N	100° 9'6.40"E	1.14	1.14	24.94	16/10/20	30117090
8	Miss.Nittaya Noosuk*	Karakat, Chian Yai	8° 6'40.40"N	100° 8'29.70"E	1.27	1.27	27.78	16/10/20	30116031
8	Miss.Nittaya Noosuk	Maechaoyuhou, Chian Yai	8° 3'6.70"N	100° 7'45.35"E	2.31	2.31	50.53	16/10/20	30116031
9	Miss.Nutjaree Suksawad	Si hmak, Chian Yai	8° 3'3.70"N	100° 7'12.05"E	0.88	0.88	19.25	16/10/20	30118126
10	Miss.Pattaraporn Tongmee	Karakat, Chian Yai	8° 6'19.20"N	100° 8'23.90"E	1.60	1.60	35.00	16/10/20	30118114



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
11	Miss.Pornchanok Sittisan	Karakat, Chian Yai	8° 6'33.00"N	100° 8'38.70"E	1.18	1.18	25.81	16/10/20	30116017
12	Miss.Sopar Thongnok	Karakat, Chian Yai	8° 6'24.60"N	100° 8'20.00"E	1.54	1.54	33.69	16/10/20	30117094
13	Miss.Suwanlee Chothikamas	Karakat, Chian Yai	8° 4'27.84"N	100° 8'53.60"E	1.01	1.01	22.09	16/10/20	30116002
14	Miss.Vadtana Buaking	Karakat, Chian Yai	8° 5'40.57"N	100° 9'21.28"E	6.72	6.72	147.00	16/10/20	30117091
15	Miss.Vilasine Thog- mee	Karakat, Chian Yai	8° 4'47.13"N	100° 9'13.15"E	2.24	2.24	49.00	16/10/20	30118108
16	Miss.Wipharat Chauaisuk*	Karakat, Chian Yai	8° 3'43.95"N	100° 6'0.80"E	5.08	4.63	101.28	16/10/20	30117096
16	Miss.Wipharat Chauaisuk	Karakat, Chian Yai	8° 3'44.54"N	100° 6'3.75"E	2.17	2.01	43.97	16/10/20	30117096
16	Miss.Wipharat Chauaisuk	Karakat, Chian Yai	8° 4'35.76"N	100° 8'22.50"E	1.87	1.87	40.91	16/10/20	30117096
17	Mr.Aean Aeadkaew	Karakat, Chian Yai	8° 5'11.98"N	100° 8'12.86"E	0.84	0.84	18.38	16/10/20	30118105
17	Mr.Aean Aeadkaew	Karakat, Chian Yai	8° 5'6.79"N	100° 8'22.01"E	0.44	0.44	9.63	16/10/20	30118105
17	Mr.Aean Aeadkaew	Karakat, Chian Yai	8° 6'44.20"N	100° 6'8.38"E	0.86	0.86	18.81	16/10/20	30118105
18	Mr.Amnart Meetonglang	Karakat, Chian Yai	8° 4'2.22"N	100° 7'19.77"E	1.20	1.20	26.25	16/10/20	30118104
19	Mr.Anan Vita	Khaophrabat, Chian Yai	8° 3'48.30"N	100° 7'5.76"E	1.30	1.29	28.22	16/10/20	30316003
19	Mr.Anan Vita	Karakat, Chian Yai	8° 4'3.83"N	100° 7'12.85"E	1.76	1.74	38.06	16/10/20	30316003
20	Mr.Apichet Nimplot	Khreng, Chauat	8° 1'13.12"N	100° 7'32.10"E	1.84	1.55	33.91	16/10/20	30817006
20	Mr.Apichet Nimplot	Khreng, Chauat	8° 1'11.81"N	100° 7'34.99"E	2.16	2.16	47.25	16/10/20	30817006
21	Mr.Bancha Chudontro	Karakat, Chian Yai	8° 3'48.03"N	100° 6'49.80"E	1.53	1.34	29.31	16/10/20	30118110
21	Mr.Bancha Chudontro*	Karakat, Chian Yai	8° 4'10.20"N	100° 7'18.40"E	2.40	2.37	51.84	16/10/20	30118110
22	Mr.Hastapong Phetchana	Karakat, Chian Yai	8° 3'47.56"N	100° 6'53.31"E	1.20	0.38	8.31	16/10/20	30116052
23	Mr.Tidarat Bunthongkhao	Karakat, Chian Yai ,	8° 6'4.97"N	100° 8'41.79"E	0.87	0.87	19.03	16/10/20	30117082
23	Mr.Tidarat Bunthongkhao	Karakat, Chian Yai	8° 3'27.59"N	100° 5'52.15"E	1.69	1.69	36.97	16/10/20	30117082
24	Mr.ChaHleaw Sadsri	Karakat, Chian Yai	8° 5'15.89"N	100° 8'43.91"E	0.70	0.70	15.31	16/10/20	30116043
24	Mr.ChaHleaw Sadsri	Karakat, Chian Yai	8° 6'8.44"N	100° 9'27.08"E	0.92	0.92	20.13	16/10/20	30116043
24	Mr.ChaHleaw Sadsri	Karakat, Chian Yai	8° 5'7.90"N	100° 8'35.00"E	1.76	1.76	38.50	16/10/20	30116043
24	Mr.ChaHleaw Sadsri	Karakat, Chian Yai	8° 5'57.84"N	100° 9'26.35"E	0.48	0.48	10.50	16/10/20	30116043



Na	Name of farms	Location	GPS Reference Area Summary (Ha)		C	Data of	Con a lilla a lala u		
No	Name of farmer	Location					Forecasted annual FFB	Date of joining	Smallholder ID
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	Production (MT)	, ,	10
24	Mr.ChaHleaw Sadsri	Karakat, Chian Yai	8° 3'58.42"N	100° 8'50.43"E	2.25	2.25	49.22	16/10/20	30116043
25	Mr.Chalaew Cheso	Karakat, Chian Yai	8° 5'9.67"N	100° 7'0.56"E	2.08	2.08	45.50	16/10/20	30117087
26	Mr.Chamnong Thongmi	Karakat, Chian Yai	8° 3'44.43"N	100° 7'0.89"E	0.92	0.92	20.13	16/10/20	30118109
27	Mr.Charoen Aomchoo	Saerhung , Chian Yai	8° 4'29.94"N	100° 7'35.52"E	1.42	1.42	31.06	16/10/20	30217050
28	Mr.Chowichan Pranjan	Karakat, Chian Yai	8° 5'46.41"N	100° 8'12.68"E	0.88	0.88	19.25	16/10/20	30116015
28	Mr.Chowichan Pranjan	Karakat, Chian Yai	8° 5'4.80"N	100° 8'22.16"E	1.07	1.07	23.41	16/10/20	30116015
28	Mr.Chowichan Pranjan	Karakat, Chian Yai	8° 7'35.74"N	100° 9'5.87"E	2.22	1.38	30.19	16/10/20	30116015
29	Mr.Chrewat Boonthongmail	Banklang, Chian Yai	8° 2'50.29"N	100° 5'38.28"E	0.87	0.87	19.03	16/10/20	30217081
30	Mr.jinda Sai-iad	Takhanan, Chian Yai	8° 1'37.49"N	100° 6'48.74"E	2.15	1.17	25.59	16/10/20	30217061
31	Mr.Kittichet Phunnuan	Karakat, Chian Yai	8° 2'39.30"N	100° 6'3.89"E	2.86	2.86	62.56	16/10/20	30116064
32	Mr.Maitree Phetthongchuay	Banklang, Chian Yai	8° 4'3.92"N	100° 8'52.31"E	4.20	4.20	91.88	16/10/20	30217067
33	Mr.Manoch Playchum	Takhanan, Chian Yai	8° 4'0.33"N	100° 8'59.80"E	0.96	0.96	21.00	16/10/20	30217064
34	Mr.Montree Somjai*	Karakat, Chian Yai	8° 5'28.69"N	100° 9'50.58"E	5.93	5.77	126.22	16/10/20	30117083
34	Mr.Montree Somjai	Karakat, Chian Yai	8° 5'11.84"N	100° 9'16.95"E	1.83	1.83	40.03	16/10/20	30117083
35	Mr.Narong Noosuk	Maechaoyuhou, Chian Yai	8° 5'39.41"N	100° 9'29.23"E	2.82	2.82	61.69	16/10/20	30116048
36	Mr.Niyom Sud-ad	Khaophrabat, Chian Yai	8° 5'8.20"N	100° 9'51.90"E	1.70	1.59	34.78	16/10/20	30317008
36	Mr.Niyom Sud-ad	Khaophrabat, Chian Yai	8° 3'38.86"N	100° 7'28.76"E	1.45	1.45	31.72	16/10/20	30317008
36	Mr.Niyom Sud-ad	Khaophrabat, Chian Yai	8° 6'41.79"N	100° 6'29.37"E	4.32	3.51	76.78	16/10/20	30317008
37	Mrs.Sunee Thongnok	Karakat, Chian Yai	8° 5'34.04"N	100° 9'12.28"E	3.02	3.02	66.06	16/10/20	30116027
37	Mrs.Sunee Thongnok	Karakat, Chian Yai	8°04'38.9"N	100°09'10.5"E	1.36	0.93	20.34	16/10/20	30116027
37	Mrs.Sunee Thongnok	Maechaoyuhou, Chian Yai	8°05'22.9"N	100°09'24.2"E	0.53	0.37	8.09	16/10/20	30116027
38	Mr.Paen Koumsap	Takhanan, Chian Yai	8° 5'40.39"N	100° 9'23.90"E	1.34	1.34	29.31	16/10/20	30217048
38	Mr.Paen Koumsap	Takhanan, Chian Yai	8°03'39.1"N	100°09'52.7"E	3.94	3.83	83.78	16/10/20	30217048
38	Mr.Paen Koumsap	Takhanan, Chian Yai	8° 3'15.88"N	100° 9'55.01"E	1.78	1.71	37.41	16/10/20	30217048



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
39	Mr.Pansak Plongmai*	Maechaoyuhou, Chian Yai	8° 3'5.94"N	100° 6'32.03"E	6.25	6.25	136.72	16/10/20	30116039
40	Mr.Phirakit Trikaew	Khaophrabat, Chian Yai	8° 2'55.87"N	100° 7'28.19"E	0.80	0.80	17.50	16/10/20	30316002
41	Mr.Phisan Pransuk	Takhanan, Chian Yai	8° 1'49.95"N	100° 6'51.67"E	1.17	1.17	25.59	16/10/20	30216043
41	Mr.Phisan Pransuk	Takhanan, Chian Yai	8° 1'46.08"N	100° 6'19.64"E	0.73	0.73	15.97	16/10/20	30216043
42	Mr.Prakob Phetnual	Saerhung , Chian Yai	8° 3'2.63"N	100° 6'13.09"E	0.80	0.81	17.72	16/10/20	30217074
42	Mr.Prakob Phetnual	Bannaern, Chian Yai	8° 1'0.63"N	100° 4'51.28"E	1.58	1.58	34.56	16/10/20	30217074
42	Mr.Prakob Phetnual	Saerhung , Chian Yai	8° 02'20.6"N	100° 05'28.2"E	1.03	1.03	22.53	16/10/20	30217074
42	Mr.Prakob Phetnual	Saerhung , Chian Yai	8° 1'32.73"N	100° 5'51.27E	1.17	0.85	18.59	16/10/20	30217074
43	Mr.Prathom Puttawiro	Khreng, Chauat	8° 2'29.48"N	100° 6'47.85"E	6.43	6.43	140.66	16/10/20	30817012
43	Mr.Prathom Puttawiro	Khreng, Chauat	8° 1'24.01"N	100° 5'16.76"E	1.03	1.03	22.53	16/10/20	30817012
43	Mr.Prathom Puttawiro	Chauat , Chauat	8° 1'57.01"N	100° 5'31.03"E	0.89	0.89	19.47	16/10/20	30817012
44	Mr.Preecha Meethongjan	Saerhung , Chian Yai	8° 1'55.99"N	100° 6'51.95"E	1.84	1.76	38.50	16/10/20	30217066
45	Mr.Sahuan Kaewsongsee	Karakat, Chian Yai	8° 1'54.56"N	100° 6'38.14"E	2.23	1.28	28.00	16/10/20	30116058
46	Mr.Samat Lueasom*	Khreng, Chauat	8° 3'22.94"N	100° 8'23.18"E	6.33	6.04	132.13	16/10/20	30817003
47	Mr.Sayan Khunbanterng	Takhanan, Chian Yai	8° 2'27.31"N	100° 6'46.97"E	1.56	1.56	34.13	16/10/20	30216036
47	Mr.Sayan Khunbanterng	Takhanan, Chian Yai	8° 2'9.52"N	100° 6'45.24"E	0.67	0.67	14.66	16/10/20	30216036
47	Mr.Sayan Khunbanterng	Takhanan, Chian Yai	8° 1'23.82"N	100° 6'39.57"E	0.81	0.80	17.50	16/10/20	30216036
47	Mr.Sayan Khunbanterng	Takhanan, Chian Yai	8° 1'17.38"N	100° 6'52.90"E	1.42	1.42	31.06	16/10/20	30216036
48	Mr.sean Ronjanaworasan	Karakat, Chian Yai	8° 1'31.01"N	100° 5'44.45"E	2.02	2.02	44.19	16/10/20	30116062
49	Mr.Sitthirat Na Nakorn	Karakat, Chian Yai	8° 1'29.17"N	100° 6'29.65"E	0.99	0.99	21.66	16/10/20	30117075
50	Mr.Sombat Mackjun	Karakat, Chian Yai	8° 1'45.33"N	100° 6'21.78"E	1.83	1.83	40.03	16/10/20	30117095
51	Mr.Somchai Saowapha	Saerhung , Chian Yai	8° 1'30.63"N	100° 6'21.08"E	2.46	2.40	52.50	16/10/20	30217057
52	Mr.Somchay Thepkaew*	Karakat, Chian Yai	8° 2'8.03"N	100° 6'43.67"E	2.35	1.86	40.69	16/10/20	30118107
53	Mr.Somchow Treekaew	Karakat, Chian Yai	8° 1'57.35"N	100° 6'42.51"E	1.91	1.80	39.38	16/10/20	30118113
54	Mr.Somjit Kaewpan	Saerhung , Chian Yai	8° 1'59.46"N	100° 6'49.25"E	1.11	1.11	24.28	16/10/20	30216002



No	Name of farmer	Location	GPS Re	eference	Area Sum	marv (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
55	Mr.SomKid Nutab	Karakat, Chian Yai	8° 3'5.83"N	100° 6'51.34"E	2.18	2.18	47.69	16/10/20	30116067
55	Mr.SomKid Nutab	Karakat, Chian Yai	8° 2'58.34"N	100° 6'45.81"E	0.95	0.95	20.78	16/10/20	30116067
55	Mr.SomKid Nutab	Karakat, Chian Yai	8° 2'1.64"N	100° 6'52.47"E	0.64	0.64	14.00	16/10/20	30116067
56	Mr.Sompon Patchkaew	Karakat, Chian Yai	100° 6'50.86"N	100° 6'52.93"E	0.49	0.49	10.72	16/10/20	30217055
56	Mr.Sompon Patchkaew	Karakat, Chian Yai	8° 2'50.59"N	100° 6'20.04"E	1.77	1.76	38.50	16/10/20	30217055
57	Mr.Suchat Phomnum	Khreng, Chauat	8° 2'14.43"N	100° 6'8.67"E	4.28	4.28	93.63	16/10/20	30817007
58	Mr.Suphamon Phothaworn	Banklang, Chian Yai	8°01'38.0"N	100°05'15.4"E	3.45	3.41	74.59	16/10/20	30217083
58	Mr.Suphamon Phothaworn	Banklang, Chian Yai	8° 1'58.88"N	100° 6'50.99"E	1.29	1.29	28.22	16/10/20	30217083
59	Mr.Surasak Chotikamad	Karakat, Chian Yai	8° 2'8.60"N	100° 5'34.60"E	0.50	0.35	7.66	16/10/20	30116068
60	Mr.Taweesak Nunnum	Saerhung , Chian Yai	8° 2'50.82"N	100° 6'50.86"E	2.15	2.15	47.03	16/10/20	30217058
61	Mr.Teerachai Boonthongmai	Banklang, Chian Yai	8° 12'46.9"N	100° 9'25.0"E	0.78	0.76	16.63	16/10/20	30217068
62	Mr.Theerayut Klinchan	Saerhung, Chian Yai	8° 08'26.4"N	100° 13'38.7"E	2.86	2.86	62.56	16/10/20	30116004
63	Mr.Treerayut Boonchuwong	Banklang, Chian Yai	8° 8'5.90"N	100° 13'0.70"E	1.16	1.16	25.38	16/10/20	30217065
64	Mr.Virat Deethongon	Maechaoyuhou, Chian Yai	8° 08'13.6"N	100°12'31.2"E	1.60	1.26	27.56	16/10/20	30116019
64	Mr.Virat Deethongon	Maechaoyuhou, Chian Yai	8° 8'5.67"N	100° 13'34.67"E	0.64	0.62	13.56	16/10/20	30116019
65	Mr.Wichai Boonchu	Karakat, Chian Yai	8°08'10.3"N	100°13'07.6"E	1.03	1.03	22.53	16/10/20	30116009
65	Mr.Wichai Boonchu	Karakat, Chian Yai	8° 7'47.21"N	100°14'3.51"E	1.06	1.06	23.19	16/10/20	30116009
66	Mr.Wichit Phunswat	Karakat, Chian Yai	8° 9'37.70"N	100°12'49.60"E	1.16	1.16	25.38	16/10/20	30116034
67	Mr.Yonglit Noosook	Maechaoyuhou, Chian Yai	8° 7'22.40"N	100° 8'37.39"E	3.83	2.66	58.19	16/10/20	30116030
67	Mr.Yonglit Noosook	Maechaoyuhou, Chian Yai	8° 9'10.04"N	100°13'23.55"E	0.63	0.63	13.78	16/10/20	30116030
67	Mr.Yonglit Noosook	Maechaoyuhou, Chian Yai	8°06'18.8"N	100°09'44.6"E	1.28	1.19	26.03	16/10/20	30116030
67	Mr.Yonglit Noosook	Karakat, Chian Yai	8° 6'28.70"N	100° 9'48.60"E	1.60	1.60	35.00	16/10/20	30116030
68	Mr.Yongyut Uaongauthai	Khreng, Chauat	8°07'10.3"N	100°09'52.9"E	4.52	2.52	55.13	16/10/20	30817004
68	Mr.Yongyut Uaongauthai	Khreng, Chauat	8°07'30.7"N	100°10'40.8"E	1.44	1.44	31.50	16/10/20	30817004



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted		Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
69	Mr.Yutthsak Tankaew	Karakat, Chian Yai	8° 7'51.33"N	100°10'13.76"E	1.85	1.45	31.72	16/10/20	30116059
69	Mr.Yutthsak Tankaew	Karakat, Chian Yai	8°07'14.8"N	100°10'43.8"E	0.62	0.62	13.56	16/10/20	30116059
69	Mr.Yutthsak Tankaew	Karakat, Chian Yai	8°08'10.3"N	100°09'29.7"E	1.49	1.47	32.16	16/10/20	30116059
70	Mrs.Achara Thongaiad	Karakat, Chian Yai	8° 8'5.64"N	100°10'11.17"E	1.10	0.91	19.91	16/10/20	30217069
70	Mrs.Achara Thongaiad	Karakat, Chian Yai	8°08'00.2"N	100°10'26.1"E	3.73	3.73	81.59	16/10/20	30217069
71	Mrs.Amporn Rueangrot	Karakat, Chian Yai	8° 7'49.10"N	100°10'27.20"E	1.80	1.70	37.19	16/10/20	30116005
72	Mrs.Arri Ainpin	Khreng, Chauat	8°07'52.2"N	100°10'59.8"E	1.26	1.26	27.56	16/10/20	30817009
73	Mrs.Arrom Nootab	Karakat, Chian Yai	8° 8'12.31"N	100°11'11.09"E	1.64	1.64	35.88	16/10/20	30117080
73	Mrs.Arrom Nootab*	Karakat, Chian Yai	8° 7'8.78"N	100° 9'38.80"	2.17	2.11	46.16	16/10/20	30117080
74	Mrs.Buapan Sukkraithai	Karakat, Chian Yai	8°07'01.0"N	100°09'28.0"E	0.42	0.42	9.19	16/10/20	30216020
75	Mrs.Chaoon Nathong	Karakat, Chian Yai	8° 9'43.21"N	100°13'27.74"E	2.27	1.83	40.03	16/10/20	30118118
75	Mrs.Chaoon Nathong	Karakat, Chian Yai	8° 8'0.40"N	100°11'17.90"E	1.98	1.98	43.31	16/10/20	30118118
76	Mrs.Charuay Chuncheaw	Saerhung , Chian Yai	8° 9'36.60"N	100°12'52.30"E	1.46	1.46	31.94	16/10/20	30216007
76	Mrs.Charuay Chuncheaw	Saerhung , Chian Yai	8° 9'39.44"N	100°12'58.73"E	1.56	1.55	33.91	16/10/20	30216007
77	Mrs.Jinda Juliratchaneekron	Ta Som, Hua Sai	8° 8'32.39"N	100°10'6.75"E	0.84	0.84	18.38	16/10/20	30216001
78	Mrs.Junyaporn Tapkaew*	Karakat, Chian Yai	8°10'1.70"N	100°12'2.60"E	2.03	2.03	44.41	16/10/20	30117089
78	Mrs.Junyaporn Tapkaew	Karakat, Chian Yai	8° 8'2.70"N	100° 9'5.60"E	1.61	1.40	30.63	16/10/20	30117089
79	Mrs.Kamourat Khlaitaphong	Khreng, Chauat	8° 7'31.00"N	100°12'49.70"E	3.88	3.88	84.88	16/10/20	30817005
80	Mrs.Kesorn Chuncheaw	Saerhung , Chian Yai	8° 9'53.70"N	100°12'1.70"	2.71	2.71	59.28	16/10/20	30216004
80	Mrs.Kesorn Chuncheaw	Saerhung , Chian Yai	8°10'11.10"N	100°12'30.06"E	1.58	1.59	34.78	16/10/20	30216004
81	Mrs.Kwanjit Onketpon	Banklang, Chian Yai	8°10'03.3"N	100°12'16.4"E	2.31	2.31	50.53	16/10/20	30217071
81	Mrs.Kwanjit Onketpon	Banklang, Chian Yai	8°10'12.62"N	100°11'55.36"	0.81	0.81	17.72	16/10/20	30217071
81	Mrs.Kwanjit Onketpon	Banklang, Chian Yai	8° 9'58.40"N	100°12'1.70"E	0.63	0.62	13.56	16/10/20	30217071



No	Name of farmer	Location	CDC D	oforonco	Aron Cum	man, (Ha)	Foreseted	Data of	Cmallbaldar
No	Name of farmer	Location		eference	Area Sum		Forecasted annual FFB	Date of joining	Smallholder ID
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	Production (MT)		15
82	Mrs.Lamai Jongkraijak*	Karakat, Chian Yait	8° 9'48.80"N	100°12'19.70"E	7.39	7.39	161.66	16/10/20	30217080
82	Mrs.Lamai Jongkraijak	Karakat, Chian Yait	8°09'53.1"N	100°12'20.9"E	0.96	0.96	21.00	16/10/20	30217080
83	Mrs.Monta Noosuk	Maechaoyuhou, Chian Yai	8° 8'33.90"N	100°12'28.80"E	1.13	0.70	15.31	16/10/20	30116033
83	Mrs.Monta Noosuk	Maechaoyuhou, Chian Yai	8°10'34.60"N	100°13'8.03"E	1.89	1.89	41.34	16/10/20	30116033
84	Mrs.Naey Pathosit	Karakat, Chian Yait	8°11'7.18"N	100°11'53.90"E	3.51	3.18	69.56	16/10/20	30116008
85	Mrs.Naphatsakhorn Younthong	Saerhung , Chian Yai	8°10'24.50"N	100°13'18.20"E	1.90	1.90	41.56	16/10/20	30217073
86	Mrs.Payom Sangkaew	Karakat, Chian Yait	8° 7'26.66"N	100°10'14.04"E	1.34	1.34	29.31	16/10/20	30216016
86	Mrs.Payom Sangkaew	Karakat, Chian Yait	8° 9'59.47"N	100° 12'48.40"E	1.29	1.29	28.22	16/10/20	30216016
87	Mrs.Piam Nakphan	Karakat, Chian Yait	8°07'04.4"N	100°10'09.3"E	1.71	1.71	37. 4 1	16/10/20	30117085
88	Mrs.Pranee Awngkaew	Karakat, Chian Yait	8°09'59.5"N	100°12'03.8"E	0.92	0.92	20.13	16/10/20	30118100
89	Mrs.Pranee SuwannaChot	Karakat, Chian Yait	8° 9'53.16"N	100°12'27.01"E	0.77	0.76	16.63	16/10/20	30116007
89	Mrs.Pranee SuwannaChot	Karakat, Chian Yait	8° 9'47.09"N	100°12'10.51"E	1.50	1.46	31.94	16/10/20	30116007
90	Mrs.Prida Choothong	Karakat, Chian Yait	8°10'2.50"N	100°12'23.20"E	0.65	0.65	14.22	16/10/20	30118112
91	Mrs.Rabiab Pransuk	Karakat, Chian Yait	8° 3'24.33"N	100°11'9.93"E	1.67	1.65	36.09	16/10/20	30116010
91	Mrs.Rabiab Pransuk	Karakat, Chian Yait	8° 6'37.20"N	100°11'15.10"E	2.20	2.20	48.13	16/10/20	30116010
92	Mrs.Ratanaporn Pransuk	Karakat, Chian Yait	8° 3'2.70"N	100° 8'33.15"E	1.04	1.04	22.75	16/10/20	30116013
93	Mrs.Saem Sokon	Karakat, Chian Yait	8° 3'22.24"N	100° 9'49.97"E	4.25	3.51	76.78	16/10/20	30117092
94	Mrs.Sompong Kaewpan	Ta Som, Hua Sai	8° 3'38.90"N	100°11'9.10"E	1.15	1.15	25.16	16/10/20	30216003
95	Mrs.Somsri Nunnum	Saerhung , Chian Yai	8° 3'34.67"N	100°11'28.03"E	1.52	1.52	33.25	16/10/20	30217059
96	Mrs.Somtrong Inthongkam	Saerhung , Chian Yai	8°02'49.5"N	100°11'11.8"E	2.06	2.06	45.06	16/10/20	30217060
97	Mrs.Sopa Hwangkaew	Karakat, Chian Yai	7°56'45.95"N	100° 2'27.26"E	0.94	0.94	20.56	16/10/20	30118106
98	Mrs.Srinuan Phiromrak	Khreng, Chauat	7°56'45.82"N	100° 3'6.06"E	1.81	1.81	39.59	16/10/20	30817011
99	Mrs.Suphaphon Aiadkaeo	Karakat, Chian Yai	7°57'5.60"N	100° 3'23.90"E	1.52	1.28	28.00	16/10/20	30118101



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
99	Mrs.Suphaphon Aiadkaeo	Karakat, Chian Yai	7°56'42.20"N	100° 2'59.70"E	2.50	2.34	51.19	16/10/20	30118101
99	Mrs.Suphaphon Aiadkaeo	Karakat, Chian Yai	7°59'51.1"N	100°08'03.7"E	0.66	0.66	14.44	16/10/20	30118101
100	Mrs.Thawon Meethong	Karakat, Chian Yai	7°58'2.29"N	100° 3'4.88"E	1.58	1.00	21.88	16/10/20	30116003
100	Mrs.Thawon Meethong*	Karakat, Chian Yai	7°57'41.12"N	100° 3'17.56"E	2.19	2.10	45.94	16/10/20	30116003
100	Mrs.Thawon Meethong	Karakat, Chian Yai	7°57'54.40"N	100° 2'40.80"E	0.39	0.39	8.53	16/10/20	30116003
100	Mrs.Thawon Meethong	Karakat, Chian Yai	7°57'10.10"N	100° 3'14.20"E	1.01	0.85	18.59	16/10/20	30116003
101	Mrs.Wannee Saiwong	Karakat, Chian Yai	7°57'45.80"N	100° 2'49.40E	1.29	1.14	24.94	16/10/20	30116046
102	Mrs.Watsana Nu- Kaew	Khreng, Chauat	8° 0'53.90"N	99°59'50.90"E	2.97	2.97	64.97	16/10/20	30817013
102	Mrs.Watsana Nu- Kaew	Khreng, Chauat	7°57'21.55"N	100° 2'54.23"E	3.32	3.32	72.63	16/10/20	30817013
102	Mrs.Watsana Nu- Kaew	Khreng, Chauat	7°59'4.70"N	100° 3'2.20"E	1.95	1.95	42.66	16/10/20	30817013
102	Mrs.Watsana Nu- Kaew	Khreng, Chauat	7°57'54.44"N	100° 3'21.22"E	1.21	1.21	26.47	16/10/20	30817013
102	Mrs.Watsana Nu- Kaew	Khreng, Chauat	7°56'58.06"N	100° 3'18.48"E	13.12	13.12	287.00	16/10/20	30817013
102	Mrs.Watsana Nu- Kaew	Khreng, Chauat	7°56'56.20"N	100° 3'11.80"E	2.25	2.25	49.22	16/10/20	30817013
103	Mrs.Wilaiwan Rakrong	Karakat, Chian Yai	7°57'22.48"N	100° 3'5.91"E	0.60	0.60	13.13	16/10/20	30117088
103	Mrs.Wilaiwan Rakrong	Karakat, Chian Yai	7°57'40.00"N	100° 3'14.80"E	1.14	1.14	24.94	16/10/20	30117088
104	Mr.Kittisak Noothongpaen*	Karakat, Chian Yai	7°57'35.40"N	100° 2'23.40"E	2.40	2.08	45.50	16/10/20	30116006
105	Mrs.Yindee Namkhok	Karakat, Chian Yai	7°58'4.28"N	100° 3'12.89"E	2.40	1.76	38.50	16/10/20	30118119
106	Mrs.Yindi Sombun	Maechaoyuhou, Chian Yai	7°57'40.50"	100° 2'27.20"	1.54	1.38	30.19	16/10/20	30117078
107	Miss.Dang Kongsan*	Khao Phra Bat, Chian Yai	8°6'18.28"N	100°8'16.73"E	1.48	0.68	14.88	18/07/20	30320013
107	Miss.Dang Kongsan	Khao Phra Bat, Chian Yai	8°05'19.3"N	100°08'47.7"E	2.39	2.39	52.28	18/07/20	30320013
108	Miss. Kanitha Nitchamrun	Tha Khanan, Chian Yai	8°03'48.0"N	100°09'57.5"E	0.76	0.71	15.53	29/11/16	30216034



No	Name of farmer	Location	GPS Reference Ar		Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
INO	Nume of famile	Location	Latitude (N)	Longitude (E)	Total	Planted	annual FFB	joining	ID
			Latitude (N)	Longitude (L)	Certified Area	Area	Production (MT)		
108	Miss. Kanitha Nitchamrun	Tha Khanan, Chian Yai	8°6'1.06"N	100°10'3.22"E	1.05	0.98	21.44	29/11/16	30216034
108	Miss. Kanitha Nitchamrun	Tha Khanan, Chian Yai	8°6'49.16"N	100°8'54.86"E	1.76	1.76	38.50	29/11/16	30216034
108	Miss. Kanitha Nitchamrun*	Tha Khanan, Chian Yai	8°5'53.20"N	100°10'31.21"E	4.53	4.53	99.09	29/11/16	30216034
109	Miss.Panyarat Paenkerd	Khao Phra Bat, Chian Yai	8°8'7.48"N	100°11'37.34"E	1.16	1.16	25.38	18/07/20	30320028
110	Miss.Suksiri Suwansil	Ban Klang, Chian Yai	8°8'29.53"N	100°11'36.88"E	2.49	2.49	54.47	11/07/20	30218112
111	Miss.Sumitta Chukraithai	Suea Hueng, Chian Yai	8°8'14.80"N	100°10'14.26"E	1.91	1.91	41.78	11/07/20	30218100
112	Miss.Sunee Aksornkong	Khao Phra Bat, Chian Yai	8°7'46.92"N	100°9'59.29"E	1.16	1.16	25.38	18/07/20	30320019
113	Miss.Uraiwan Ruangrot*	KaraKet , Chian Yai,	8°8'56.23"N	100°10'11.97"E	2.08	2.08	45.50	17/07/20	30120197
114	Mr.Amnuai Saengkaeo*	Khao Phra Bat, Chian Yai	8°8'27.00"N	100°9'41.65"E	7.08	7.08	154.88	17/07/20	30120158
114	Mr.Amnuai Saengkaeo	Khao Phra Bat, Chian Yai	8°7'16.18"N	100°10'21.32"E	1.45	1.45	31.72	17/07/20	30120158
114	Mr.Amnuai Saengkaeo	Khao Phra Bat, Chian Yai	8°8'17.41"N	100°9'54.41"E	4.05	3.05	66.72	17/07/20	30120158
114	Mr.Amnuai Saengkaeo	Khao Phang Krai, Hua Sai	8°8'5.69"N	100°10'2.42"E	6.39	5.91	129.28	17/07/20	30120158
115	Mr.Amnual Kongsuk	Suea Hueng, Chian Yai, Nakhon Si Thammarat	8°8'6.74"N	100°9'45.74"E	2.32	2.28	49.88	22/07/20	30420009
116	Mr.Amporn Chusueahueng	Suea Hueng, Chian Yai	8°08'32.0"N	100°10'10.0"E	1.29	1.29	28.22	11/07/20	30218107
116	Mr.Amporn Chusueahueng	Suea Hueng, Chian Yai	8°5'24.64"N	100°8'22.25"E	0.34	0.16	3.50	11/07/20	30218107
117	Mr.Anan Bauthong	Suea Hueng, Chian Yai	8°08'10.6"N	100°09'56.6"E	4.50	4.50	98.44	17/07/20	30218122
118	Mr.Anuwat Thongaiad	Ban Klang, Chian Yai	8°5'35.34"N	100°10'10.20"E	3.73	3.73	81.59	11/07/20	30218098
119	Mr. Arb Ruanghiran	Ban Klang, Chian Yai	8°16'10.56"N	100°0'41.16"E	4.72	4.72	103.25	17/07/20	30216031
119	Mr. Arb Ruanghiran	Ban Klang, Chian Yai	8°16'30.87"N	100°1'22.97"E	3.16	3.16	69.13	17/07/20	30216031
120	Mr.Bonthun Maekkaew	Suea Hueng, Chian Yai	8°7'21.96"N	100°11'53.42"E	1.73	1.45	31.72	17/07/20	30218130
120	Mr.Bonthun Maekkaew	Tha Som, Hua Sai	8°7'9.46"N	100°11'35.78"E	1.84	1.76	38.50	17/07/20	30218130
120	Mr.Bonthun Maekkaew	Tha Som, Hua Sai	8°7'25.56"N	100°12'8.25"E	0.79	0.79	17.28	17/07/20	30218130



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
121	Mr.Channarong Suwanna*	Khao Phra Bat, Chian Yai	8°3'20.65"N	100°7'5.60"E	1.51	1.51	33.03	19/08/20	30120162
122	Mr.Charan Jongkraijak	KaraKet , Chian Yai	8°7'56.70"N	100°11'55.11"E	1.75	1.75	38.28	18/07/20	30320015
123	Mr.Charun Khongthum	Suan Luang, Chaloem Phra Kiat	8°05'01.37"	99°57'23.08"	1.56	1.17	25.59	25/11/20	30118145
124	Mr.Jaras Monkaew	Suea Hueng, Chian Yai	8°4'19.10"N	100°9'11.68"E	1.45	1.45	31.72	11/07/20	30218101
125	Mr. Kamon Phonphutthisiri*	KaraKet , Chian Yai	8°4'47.61"N	100°9'21.17"E	1.92	1.92	42.00	21/11/16	30116032
126	Mr.Kasem Rakchang	KaraKet , Chian Yai	8°4'14.28"N	100°9'15.13"E	1.99	1.99	43.53	18/07/20	30320023
127	Mr.Kittichai Thongho	Chian Khao, Chaloem Phra Kiat, Nakhon Si Thammarat	8°4'31.66"N	100°9'7.93"E	0.89	0.89	19.47	22/07/20	30420010
127	Mr.Kittichai Thongho	Chian Khao, Chaloem Phra Kiat	8°4'14.81"N	100°8'52.88"E	0.67	0.67	14.66	22/07/20	30420010
127	Mr.Kittichai Thongho	Chian Khao, Chaloem Phra Kiat	8°4'9.08"N	100°8'52.10"E	1.11	1.11	24.28	22/07/20	30420010
128	Mr.Krabuan Nathong	KaraKet , Chian Yai	8°4'0.96"N	100°8'56.55"E	1.97	1.97	43.09	17/07/20	30120179
129	Mr.Lek Khunnum*	KaraKet , Chian Yai	8°16'41.27"	100°8'56.06"E	2.23	2.23	48.78	17/01/20	30120182
130	Mr.Maithee Pankaew	KaraKet , Chian Yai	8°8'16.73"N	100°12'51.65"E	2.74	2.74	59.94	17/07/20	30120153
130	Mr.Maithee Pankaew	KaraKet , Chian Yai	8°10'54.51"N	100°11'55.76"E	0.77	0.77	16.84	17/07/20	30120153
130	Mr.Maithee Pankaew	KaraKet , Chian Yai	8°5'54.85"N	100°8'39.38"E	2.57	2.36	51.63	17/07/20	30120153
131	Mr.Manun Rueangoon	KaraKet , Chian Yai	8°8'7.14"N	100°12'10.47"E	1.26	1.24	27.13	17/07/20	30120149
132	Mr.Narasak Sukkua	Chian Yai, Chian Yai	8°7'56.78"N	100°12'33.16"E	4.89	4.89	106.97	22/07/20	30420004
133	Mr.Natee Boonsuk	Suea Hueng, Chian Yai	8°8'1.39"N	100°12'36.90"E	1.72	1.72	37.63	17/07/20	30218121
133	Mr.Natee Boonsuk	Suea Hueng, Chian Yai	8°07'13.6"N	100°12'32.8"E	3.18	3.18	69.56	17/07/20	30218121
134	Mr.Phaeo Srichankhong	KaraKet , Chian Yai,	8°07'10.4"N	100°12'42.1"E	1.22	1.22	26.69	18/07/20	30320025
135	Mr.Phattharaphong Wongmayura	Chian Khao, Chaloem Phra Kiat	8°4'47.17"N	100°9'5.45"E	0.80	0.80	17.50	22/07/20	30420013
135	Mr.Phattharaphong Wongmayura	Chian Khao, Chaloem Phra Kiat	8°07'25.0"N	100°12'26.0"E	0.58	0.58	12.69	22/07/20	30420013
136	Mr.Pisitsak Meesuan	KaraKet , Chian Yai	8°2'52.92"N	100°7'0.03"E	1.83	1.83	40.03	18/10/16	30116029



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			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
137	Mr.Pornchai Kaewmuang	Tha Som, Hua Sai	7°58'3.42"N	100°3'6.22"E	1.27	1.27	27.78	17/07/20	30218123
138	Mr.Pricha Sukchuay	Khao Phra Bat, Chian Yai	7°57'58.03"N	100°2'33.97"E	1.10	1.10	24.06	18/07/20	30320030
138	Mr.Pricha Sukchuay*	KaraKet , Chian Yai	8° 9'10.53"N	100°13'0.16"E	4.79	4.79	104.78	18/07/20	30320030
139	Mr.Puwanai Pransuk	KaraKet , Chian Yai	8°5'47.57"N	100°10'13.70"E	1.13	1.13	24.72	31/10/16	30116016
140	Mr.Roy Deeekaew	Khao Phra Bat, Chian Yai	8°15'18.67"N	100°6'58.61"E	0.81	0.81	17.72	18/07/20	30320011
141	Mr.Sahnga Sukkuea	Sai Mak, Chian Yai	8°15'18.92"N	100°6'59.20"E	1.09	1.09	23.84	22/07/20	30420007
142	Mr.Sakchai Panakngan	KaraKet , Chian Yai	8°15'25.8"N	100°06'51.4"E	1.00	1.00	21.88	19/11/16	30116049
143	Mr.Saksuda Daungtong	Tha Som, Hua Sai Thammarat	8°14'00.7"N	100°08'25.0"E	3.21	2.41	52.72	17/07/20	30218119
143	Mr.Saksuda Daungtong	Tha Som, Hua Sai	8°13'54.6"N	100°08'14.1"E	0.64	0.64	14.00	17/07/20	30218119
144	Mr.Sara Aeadkaew	KaraKet , Chian Yai	8°15'43.6"N	100°06'48.6"E	1.67	1.67	36.53	17/07/20	30120159
145	Mr.Sathit Chittang	Chian Khao, Chaloem Phra Kiat	8°15'38.81"N	100°6'12.58"E	3.29	3.29	71.97	22/07/20	30420012
145	Mr.Sathit Chittang	Chian Khao, Chaloem Phra Kiat	8°15'23.02"N	100°6'35.87"E	0.79	0.79	17.28	22/07/20	30420012
145	Mr.Sathit Chittang	Chian Khao, Chaloem Phra Kiat	8°15'49.54"N	100°6'13.13"E	1.92	1.92	42.00	22/07/20	30420012
146	Mr.Sawit Paenkhong	Mae Chao Yu Hua, Chian Yai	8°6'1.43"N	100°9'40.21"E	0.42	0.18	3.94	23/07/20	30120171
146	Mr.Sawit Paenkhong	Mae Chao Yu Hua, Chian Yai	8°17'23.29"N	100°6'52.23"E	0.45	0.29	6.34	23/07/20	30120171
147	Mr.Sittikorn ThongSen	Khao Phra Bat, Chian Yai	8°16'44.66"N	100°7'42.89"E	4.15	2.52	55.13	18/07/20	30320026
147	Mr.Sittikorn ThongSen	Thong Lamchiak, Chian Yai	8°16'11.16"N	100°7'7.19"E	1.93	1.93	42.22	18/07/20	30320026
148	Mr.Somboon Nualkaew	Khao Phra Bat, Chian Yai	8°16'52.89"N	100°7'37.03"E	1.53	1.53	33.47	18/07/20	30320014
148	Mr.Somboon Nualkaew	Khao Phra Bat, Chian Yai	8°16'50.56"N	100°6'40.43"E	2.65	2.65	57.97	18/07/20	30320014
148	Mr.Somboon Nualkaew	Khao Phra Bat, Chian Yai	8°16'14.62"N	100°5'10.61"E	2.47	2.47	54.03	18/07/20	30320014
149	Mr.Somchai Tongkiw	Chian Khao, Chaloem Phra Kiat,	8°16'17.77"N	100°6'4.06"E	1.28	1.28	28.00	22/07/20	30420014
150	Mr. Somphon Maksuwan	Tha Khanan, Chian Yai	8°16'22.85"N	100°5'37.56"E	1.32	1.32	28.88	29/11/16	30216038





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			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
150	Mr. Somphon Maksuwan	Tha Khanan, Chian Yai	8°16'44.54"N	100°6'4.85"E	0.57	0.57	12.47	29/11/16	30216038
151	Mr.Sompong Chaikhong	Khao Phra Bat, Chian Yai	8°17'12.08"N	100°6'58.82"E	2.65	2.65	57.97	11/07/20	30218105
151	Mr.Sompong Chaikhong	Khao Phra Bat, Chian Yai	8°15'16.07"N	100°06'14.6"E	3.20	3.20	70.00	11/07/20	30218105
151	Mr.Sompong Chaikhong	Suea Hueng, Chian Yai	8°16'4.24"N	100°5'54.16"E	1.12	1.12	24.50	11/07/20	30218105
152	Mr.Sophon Hwanthong	Karaket, Chian Yai	8°15'16.67"N	100°6'15.87"E	2.60	1.32	28.88	17/07/20	30120148
152	Mr.Sophon Hwanthong	Karaket, Chian Yai	8°15'50.21"N	100°6'41.79"E	4.66	1.28	28.00	17/07/20	30120148
152	Mr.Sophon Hwanthong	Khao Phra Bat, Chian Yai	8°14'52.99"N	100°6'27.15"E	4.66	4.66	101.94	17/07/20	30120148
152	Mr.Sophon Hwanthong	Khao Phra Bat, Chian Yai	8°17'8.09"N	100°7'6.70"E	1.07	1.07	23.41	17/07/20	30120148
152	Mr.Sophon Hwanthong	Khao Phra Bat, Chian Ya	8°15'27.28"N	100°6'17.46"E	1.43	1.43	31.28	17/07/20	30120148
153	Mr.Sopon Chuaykong	Suea Hueng, Chian Yai	8°15'45.33"N	100°7'17.86"E	1.56	1.56	34.13	11/07/20	30218110
153	Mr.Sopon Chuaykong	Suea Hueng, Chian Yai	8°17'9.23"N	100°6'56.98"E	1.94	1.94	42.44	11/07/20	30218110
153	Mr.Sopon Chuaykong	Suea Hueng, Chian Yai	8°15'34.32"N	100°6'27.24"E	1.58	1.46	31.94	11/07/20	30218110
154	Mr.Supacha Klomkliang	Khao Phra Bat, Chian Yai	8°19'41.29"N	100°8'20.15"E	2.02	2.02	44.19	18/07/20	30320020
155	Mr.Suphakit Suksahwat	Karaket, Chian Yai	8°15'16.20"N	100°6'20.47"E	2.82	2.82	61.69	23/07/20	30120198
155	Mr.Suphakit Suksahwat	Thong Lam Chiak	8°4'19.68"N	100°7'0.65"E	1.88	1.88	41.13	23/07/20	30120198
155	Mr.Suphakit Suksahwat	Thong Lam Chiak, Chian Yai	8°14'30.73"N	100°8'6.84"E	0.67	0.67	14.66	23/07/20	30120198
156	Mr. SuraHat Choosiharan	Karaket, Chian Yai	8°15'18.71"N	100°6'18.10"E	1.59	1.59	34.78	18/11/16	30116026
157	Mr.Tavon Kaen-in	Karaket, Chian Yai	8°17'10.21"N	100°7'59.23"E	0.96	0.80	17.50	17/07/20	30120178
158	Mr.Udom Phetkham	Suea Hueng, Chian Yai	8°16'33.24"N	100°4'44.74"E	3.72	3.72	81.38	17/07/20	30218135
159	Mr.Wandee Phetcharat	Thong Lam Chiak, Chian Yai	8°15'30.90"N	100°6'26.51"E	1.32	1.30	28.44	17/07/20	30120154
159	Mr.Wandee Phetcharat	Karaket, Chian Yai	8°16'58.96"N	100°5'17.88"E	1.89	1.89	41.34	17/07/20	30120154
160	Mr.Wichian Thongnoke	Karaket, Chian Yai	8°16'27.58"N	100°5'49.65"E	2.89	2.89	63.22	17/07/20	30120155



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161	Mrs.Bunruean Promsut	Mae Chao Yu Hua, Chian Yai	8°16'20.45"N	100°6'42.69"E	3.60	3.60	78.75	17/07/20	30120160
162	Mrs.Chamnong Putroi	Karaket, Chian Yai	8°16'24.88"N	100°7'34.11"E	0.99	0.99	21.66	23/07/20	30120165
162	Mrs.Chamnong Putroi	Karaket, Chian Yai	8°15'31.63"N	100°7'9.07"E	1.24	1.24	27.13	23/07/20	30120165
163	Mrs.Charuek Damchan	Karaket, Chian Yai	8°15'35.31"N	100°6'35.03"E	1.30	1.30	28.44	17/07/20	30120201
164	Mrs.Jirawan Kaewken	Ban Klang, Chian Yai	8°15'4.82"N	100°6'32.68"E	1.90	1.90	41.56	11/07/20	30218108
165	Mrs.Kanya Duangtong	Suea Hueng, Chian Yai	8°15'7.88"N	100°6'26.01"E	1.07	1.07	23.41	11/07/20	30218114
166	Mrs.Laddawan Muenchai	Mae Chao Yu Hua, Chian Yai	8°16'27.97"N	100°5'58.28"E	0.44	0.44	9.63	23/07/20	30120163
167	Mrs.Laoong Tabyang	Karaket, Chian Ya	8°16'51.68"N	100°5'51.21"E	0.80	0.68	14.88	17/07/20	30120200
167	Mrs.Laoong Tabyang	Karaket, Chian Yai	8°16'34.62"N	100°6'8.46"E	1.27	1.27	27.78	17/07/20	30120200
168	Mrs.Nittaya Thawaro	Chian Khao, Chaloem Phra Kiat	8°15'18.50"N	100°6'10.36"E	1.12	1.12	24.50	22/07/20	30420016
169	Mrs.Noofong Hnoo- thong	Khao Phrabat, Chian Yai	8°16'23.15"N	100°7'6.01"E	1.48	1.48	32.38	18/07/20	30320024
170	Mrs.Nuai Narai*	Khao Phrabat, Chian Yai	8°21'31.88"N	100°8'11.82"E	3.24	3.24	70.88	18/07/20	30320021
171	Mrs.O-pha Somboon	Khao Phrabat, Chian Yai	8°16'5.10"N	100°8'25.68"E	2.23	2.23	48.78	17/07/20	30218131
171	Mrs.O-pha Somboon	Karaket, Chian Yai	8°16'14.95"N	100°6'32.03"E	2.00	2.00	43.75	17/07/20	30218131
172	Mrs.Samli Hnoorak	Karaket, Chian Yai	8°16'16.23"N	100°6'15.00"E	1.65	1.65	36.09	17/07/20	30120180
172	Mrs.Samli Hnoorak*	Karaket, Chian Yai	8°15'56.68"N	100°7'18.98"E	0.95	0.95	20.78	17/07/20	30120180
172	Mrs.Samli Hnoorak	Karaket, Chian Yai	8°16'47.07"N	100°6'29.86"E	0.99	0.99	21.66	17/07/20	30120180
173	Mrs.Sumalee Buachum	Karaket, Chian Yai	8°15'46.91"N	100°7'34.79"E	1.05	1.05	22.97	17/07/20	30120157
173	Mrs.Sumalee Buachum	Karaket, Chian Yai	8°15'54.44"N	100°7'41.15"E	0.96	0.96	21.00	17/07/20	30120157
174	Mrs.Supiya Thongyod	Suea Hueng, Chian Yai	8°15'59.20"N	100°5'44.62"E	1.75	1.75	38.28	17/07/20	30218115
174	Mrs.Supiya Thongyod	Suea Hueng, Chian Yai	8°11'10.31"N	100°11'17.48"E	0.18	0.18	3.94	17/07/20	30218115
174	Mrs.Supiya Thongyod	Tha Khanan, Chian Yai	8°16'22.82"N	100°6'0.36"E	1.94	1.94	42.44	17/07/20	30218115
175	Mrs.Thiparat Pranrak	Karaket, Chian Yai	8°17'42.31"N	100°7'19.53"E	1.25	1.17	25.59	23/07/20	30120170



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176	Mrs.Vilai Ruangchaiwuttikul	Chian Yai, Chian Yai	8°15'47.92"N	100°7'5.83"E	1.21	1.21	26.47	22/07/20	30420017
176	Mrs.Vilai Ruangchaiwuttikul	Chian Yai, Chian Yai	8°17'20.33"N	100°7'9.12"E	2.64	2.64	57.75	22/07/20	30420017
176	Mrs.Vilai Ruangchaiwuttikul	Chian Yai, Chian Yai	8°15'47.8"N	100°05'36.7"E	0.78	0.74	16.19	22/07/20	30420017
176	Mrs.Vilai Ruangchaiwuttikul	Chian Yai, Chian Yai	8°16'58.31"N	100°6'57.60"E	1.66	1.66	36.31	22/07/20	30420017
176	Mrs.Vilai Ruangchaiwuttikul	Chian Yai, Chian Yai	8°15'59.6"N	100°06'13.3"E	1.11	0.80	17.50	22/07/20	30420017
176	Mrs.Vilai Ruangchaiwuttikul	Chian Yai, Chian Yai	8°15'45.39"N	100°7'11.30"E	1.28	1.28	28.00	22/07/20	30420017
177	Miss.Buppha Tathip*	Ko Thuat, Pak Phanang	8°17'42.6"N	100°07'54.2"E	3.47	2.51	54.91	27/04/18	30518051
177	Miss.Buppha Tathip	Ko Thuat, Pak Phanang	8°17'3.02"N	100°7'6.26"E	0.52	0.52	11.38	27/04/18	30518051
178	Miss.Jeerapat Buabun	Pa Rakam, Pak Phanang	8°17'4.25"N	100°7'32.12"E	2.23	0.56	12.25	22/07/20	30520085
178	Miss.Jeerapat Buabun	Pa Rakam, Pak Phanang	8°16'53.80"N	100°7'42.12"E	1.75	1.75	38.28	22/07/20	30520085
179	Miss.Kamonthip Khamsakun	Ko Thuat, Pak Phanang	8°15'53.57"N	100°7'12.68"E	2.40	2.40	52.50	27/04/18	30518014
179	Miss.Kamonthip Khamsakun	Ko Thuat, Pak Phanang	8°15'14.19"N	100°6'44.65"E	3.97	3.97	86.84	27/04/18	30518014
179	Miss.Kamonthip Khamsakun	Ko Thuat, Pak Phanang	8°15'6.16"N	100°6'29.03"E	1.08	1.08	23.63	27/04/18	30518014
180	Miss.Kanita haemtanon	Suea Hueng, Chian Yai	8°16'0.84"N	100°7'17.40"E	2.25	2.21	48.34	30/01/18	30218091
180	Miss.Kanita haemtanon	Suea Hueng, Chian Yai	8°15'22.10"N	100°5'59.85"E	2.31	2.31	50.53	30/01/18	30218091
180	Miss.Kanita haemtanon	Suea Hueng, Chian Yai	8°14'48.84"N	100°6'5.87"E	2.19	2.19	47.91	30/01/18	30218091
180	Miss.Kanita haemtanon	Suea Hueng, Chian Yai	8°15'32.44"N	100°5'40.38"E	1.60	1.60	35.00	30/01/18	30218091
181	Miss.Kanyarat Yooyong	Thong Lamchiak, Chian Yai	8°16'10.94"N	100°6'30.38"E	1.11	1.11	24.28	13/07/20	30520081
182	Miss.Kasinee In- chan	Ko Thuat, Pak Phanang	8°16'19.69"N	100°6'47.49"E	1.66	1.66	36.31	20/04/18	30518061
182	Miss.Kasinee In- chan	Ko Thuat, Pak Phanang	8°16'08.4"N	100°06'30.4"E	1.93	1.93	42.22	20/04/18	30518061
182	Miss.Kasinee In- chan	Ko Thuat, Pak Phanang	8°16'16.98"N	100°6'53.92"E	0.35	0.35	7.66	20/04/18	30518061



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182	Miss.Kasinee In- chan	Ko Thuat, Pak Phanang	8°14'46.38"N	100°4'7.13"E	0.42	0.42	9.19	20/04/18	30518061
182	Miss.Kasinee In- chan	Ko Thuat, Pak Phanang	8°16'16.25"N	100°6'41.52"E	1.09	1.09	23.84	20/04/18	30518061
183	Miss.Niphaphon Anumat	Pa Rakam, Pak Phanang	8°14'58.51"N	100°4'13.25"E	1.03	1.03	22.53	27/04/18	30518024
183	Miss.Niphaphon Anumat	Pa Rakam, Pak Phanang	8°15'57.19"N	100°6'21.62"E	0.61	0.35	7.66	27/04/18	30518024
184	Miss.Nuplueang Muangdam	Pa Rakam, Pak Phanang	8°15'9.28"N	100°4'12.25"E	1.48	1.48	32.38	13/07/20	30520080
185	Miss.Sarunpatch Boupetch	Ban Mai, Pak Phanang	8°19'36.32"N	100°8'57.65"E	1.78	1.78	38.94	27/04/18	30518053
186	Miss.Sasiphen Chuaisakun	Khreng, Cha-uat	8°17'26.52"N	100°7'23.30"E	3.25	3.25	71.09	16/07/20	30820036
186	Miss.Sasiphen Chuaisakun	Khreng, Cha-uat	8°17'53.36"	100°7'32.58"E	2.66	2.66	58.19	16/07/20	30820036
186	Miss.Sasiphen Chuaisakun	Khreng, Cha-uat	8°17'18.84"N	100°7'26.97"E	0.39	0.39	8.53	16/07/20	30820036
187	Miss.Sawid Buakhao	Ban Mai, Pak Phanang	8°18'25.25"N	100°9'38.60"E	0.40	0.40	8.75	13/07/20	30520088
188	Miss.Seni Suwanna	Ko Thuat, Pak Phanang	8°17'22.89"N	100°7'29.73"E	2.49	2.49	54.47	27/04/18	30518019
189	Miss.Sombun Hemthanon	Pa Rakam, Pak Phanang	8°17'43.92"N	100°7'16.94"E	1.29	1.29	28.22	27/04/18	30518044
190	Miss.Supharat Nuaisangthong	Ban Mai, Pak Phanang	8°16'38.00"N	100°5'10.65"E	1.17	1.17	25.59	13/07/20	30520086
190	Miss.Supharat Nuaisangthong*	Ko Thuat, Pak Phanang	8°16'34.50"N	100°5'31.59"E	2.39	2.39	52.28	13/07/20	30520086
191	Miss.wariphon Karikan	Ban Mai, Pak Phanang	8°16'54.80"N	100°5'12.87"E	1.88	1.85	40.47	27/04/18	30518012
191	Miss.wariphon Karikan	Ban Mai, Pak Phanang	8°16'32.92"N	100°5'26.79"E	1.80	1.80	39.38	27/04/18	30518012
192	Miss.Watcharaphon Suwannaloed	Pa Rakam, Pak Phanang	8°17'46.96"N	100°5'6.07"E	0.83	0.83	18.16	13/07/20	30520108
193	Mr.Amnuai Nunui	Khreng, Cha-uat	8°15'52.40"N	100°6'44.61"E	2.78	2.78	60.81	16/07/20	30820029
194	Mr.Anan Thongbangphra	Ko Thuat, Pak Phanang	8°13'16.24"	100°7'23.43"	3.01	3.01	65.84	20/04/18	30518065
194	Mr.Anan Thongbangphra	Ko Thuat, Pak Phanang	8°16'46.04"N	100°5'39.60"E	0.88	0.88	19.25	20/04/18	30518065
194	Mr.Anan Thongbangphra*	Ko Thuat, Pak Phanang	8°15'34.13"N	100°6'8.78"E	1.13	1.13	24.72	20/04/18	30518065
194	Mr.Anan Thongbangphra	Ko Thuat, Pak Phanang	8°16'25.42"N	100°5'45.68"E	1.00	1.00	21.88	20/04/18	30518065



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
194	Mr.Anan Thongbangphra	Ko Thuat, Pak Phanang	8°16'29.24"N	100°5'32.79"E	0.42	0.42	9.19	20/04/18	30518065
195	Mr.Aon Meethaem	Khlong Noi, Pak Phanang	8°17'45.0"N	100°04'16.5"E	2.57	2.57	56.22	27/04/18	30518047
196	Mr.Arna Songsri	Ban Mai, Pak Phanang	8°19'33.93"N	100°10'7.15"E	2.19	2.19	47.91	27/04/18	30518035
197	Mr.Arnon Tawan	Khreng, Cha-uat	8°20'28.71"N	100°10'48.07"E	1.12	1.12	24.50	16/07/20	30820021
198	Mr.Arun Kaewkwan*	Ban Mai, Pak Phanang	8°15'46.05"N	100°7'28.80"E	2.33	2.33	50.97	13/07/20	30520077
199	Mrs.Arrom Suepsak	Ko Thuat, Pak Phanang	8°9'54.44"N	100°13'57.31"E	0.52	0.52	11.38	27/04/18	30518043
199	Mrs.Arrom Suepsak	Ko Thuat, Pak Phanang	8°9'18.12"N	100°13'32.81"E	1.06	1.06	23.19	28/04/18	30518043
199	Mrs.Arrom Suepsak	Ko Thuat, Pak Phanang	8°9'18.06"N	100°13'32.47"E	0.39	0.39	8.53	29/04/18	30518043
200	Mr.Banchob Koedsom	Pa Rakam, Pak Phanang	8°9'39.96"N	100°13'31.09"E	2.42	2.42	52.94	13/07/20	30520109
201	Mr.Banchob Paenduang	Ko Thuat, Pak Phanang	8°3'2.84"N	100°5'26.81"E	1.08	1.08	23.63	13/07/20	30520104
201	Mr.Banchob Paenduang	Khlong Krabue, Pak Phanang	8°5'30.80"N	100°8'2.86"E	1.33	1.33	29.09	13/07/20	30520104
201	Mr.Banchob Paenduang	Pa Rakam, Pak Phanang	8°9'39.74"N	100°13'30.72"E	2.10	2.10	45.94	13/07/20	30520104
202	Mr.Chairit Thonkham	Pa Rakam, Pak Phanang	8°5'56.97"N	100°8'8.63"E	1.89	1.89	41.34	27/04/18	30518004
202	Mr.Chairit Thonkham	Pa Rakam, Pak Phanang	7°58'3.57"N	100°2'42.18"E	0.98	0.98	21.44	27/04/18	30518004
203	Mr.Chammian Thepslm	Ko Thuat, Pak Phanang	7°58'2.60"N	100°2'55.27"E	1.72	1.72	37.63	20/04/18	30518018
204	Mr.Chinwich Innupat	Ko Thuat, Pak Phanang	8°8'39.88"N	100°13'54.27"E	1.94	1.94	42.44	13/07/20	30520097
205	Mr.Chok Chuaiuhon	Ko Thuat, Pak Phanang	8°4'36.06"N	100°8'25.36"E	1.10	1.10	24.06	20/04/18	30518062
205	Mr.Chok Chuaiuhon	Ko Thuat, Pak Phanang	8°2'3.81"N	100°5'32.37"E	1.09	1.09	23.84	20/04/18	30518062
205	Mr.Chok Chuaiuhon	Ko Thuat, Pak Phanang	8°6'13.61"N	100°9'34.05"E	1.84	1.84	40.25	20/04/18	30518062
205	Mr.Chok Chuaiuhon	Ko Thuat, Pak Phanang	8°6'9.27"N	100°9'42.25"E	1.65	1.65	36.09	20/04/18	30518062
206	Mr.Chop Phiromrak	Khreng, Cha-uat	8°07'33.2"N	100°04'45.7"E	0.78	0.78	17.06	20/04/18	30818017
206	Mr.Chop Phiromrak	Khreng, Cha-uat	8°6'4.35"N	100°9'16.10"E	1.10	1.10	24.06	20/04/18	30818017
207	Mr.Dusit Yuenyan*	Ko Thuat, Pak Phanang	8°03'32.5"N	100°10'02.2"E	3.78	3.74	81.81	13/07/20	30520078



No	Name of farmer	Location	GPS R	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
140	nume of furnici	Location	Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
207	Mr.Dusit Yuenyan	Tha Phaya, Pak Phanang	8°03'35.0"N	100°10'28.0"E	2.13	2.13	46.59	13/07/20	30520078
208	Mr.Ekechai Rodkliang	Suea Hueng, Chian Yai,	8°04'07.0"N	100°10'53.7"E	2.07	2.07	45.28	20/04/18	30218093
209	Mr.Jarun Muenjai	Karaket, Chian Yai	8°04'27.2"N	100°10'34.5"E	2.35	2.35	51.41	27/08/16	30116038
210	Mr.Jumroen Srinuankaew	Khao Phra Bat, Chian Yai	8°6'23.47"N	100°7'47.53"E	2.03	0.53	11.59	17/07/20	30120202
211	Mr.Kitisarn Kangkhamanee	Hu Long, Pak Phanang	8°7'4.12"N	100°9'42.40"E	2.63	2.63	57.53	27/04/18	30518073
211	Mr.Kitisarn Kangkhamanee	Bang Phra, Pak Phanang	8°6'34.48"N	100°7'45.37"E	0.56	0.48	10.50	27/04/18	30518073
211	Mr.Kitisarn Kangkhamanee*	Pa Rakam, Pak Phanang	8°6'49.79"N	100°9'29.97"E	8.79	8.79	192.28	27/04/18	30518073
212	Mr.Kitti Sutsane	Ban Mai, Pak Phanang	8°09'22.9"N	100°07'04.2"E	1.12	1.12	24.50	13/07/20	30520087
213	Mr.Kittipong Taemterm	Ban Mai, Pak Phanang	8°06'35.1"N	100°08'21.7"E	2.19	2.15	47.03	27/04/18	30518057
213	Mr.Kittipong Taemterm	Ban Mai, Pak Phanang,	8°01'41.0"N	100°05'33.8"E	2.27	2.27	49.66	27/04/18	30518057
213	Mr.Kittipong Taemterm	Ban Mai, Pak Phanang	8°06'45.8"N	100°09'35.0"E	0.55	0.55	12.03	27/04/18	30518057
213	Mr.Kittipong Taemterm	Ban Mai, Pak Phanang	8°06'58.6"N	100°09'16.2"E	1.28	1.28	28.00	27/04/18	30518057
214	Mr.Konpkiet Eaiadeai	Ban Mai, Pak Phanang	8°2'34.44"N	100°11'3.96"E	2.44	2.44	53.38	20/04/18	30518064
214	Mr.Konpkiet Eaiadeai	Ban Mai, Pak Phanang	8°3'24.38"N	100°11'23.74"E	1.80	1.80	39.38	20/04/18	30518064
	Mr.Konpkiet Eaiadeai*	Ban Mai, Pak Phanang	8°2'47.38"N	100°11'1.51"E	3.35	3.35	73.28	20/04/18	30518064
214	Mr.Konpkiet Eaiadeai	Ban Mai, Pak Phanang	8°4'0.66"N	100°9'23.20"E	0.65	0.51	11.16	20/04/18	30518064
214	Mr.Konpkiet Eaiadeai	Khlong Krabue, Pak Phanang	7°56'32.40"N	100°16'8.74"E	2.69	2.69	58.84	20/04/18	30518064
214	Mr.Konpkiet Eaiadeai	Ban Mai, Pak Phanang	8°05'17.9"N	100°07'39.1"E	0.66	0.66	14.44	20/04/18	30518064
214	Mr.Konpkiet Eaiadeai	Ban Mai, Pak Phanang	8°4'20.80"N	100°11'9.56"E	0.79	0.79	17.28	20/04/18	30518064
215	Mrs.Ladda Songsri	Ban Mai, Pak Phanang	8°02'00.9"N	100°05'12.9"E	1.14	1.14	24.94	20/04/18	30518022
216	Mr.Maen Chuaiklab	Ban Mai, Pak Phanang	8°06'00.5"N	100°08'19.5"E	1.72	1.72	37.63	13/07/20	30520101
216	Mr.Maen Chuaiklab	Ban Mai, Pak Phanang	8°05'51.1"N	100°08'03.7"E	0.73	0.73	15.97	13/07/20	30520101



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
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217	Mr.Maitree Wongpakdee	Karaket, Chian Yai	8°05'02.3"N	100°09'04.0"E	0.84	0.84	18.38	12/12/17	30118123
218	Mr.Nattakan Pankliang	Koh Thuat, Pak Phanang	8°5'44.11"N	100°6'42.39"E	1.60	1.60	35.00	13/07/20	30520111
218	Mr.Nattakan Pankliang	Koh Thuat, Pak Phanang	8°5'48.30"N	100°6'40.03"E	0.87	0.87	19.03	13/07/20	30520111
219	Mr.Opart Raksawong	Tha Ruea, Mueang	8°07'13.0"N	100°08'13.5"E	2.63	2.63	57.53	16/12/17	30617001
219	Mr.Opart Raksawong	Tha Ruea, Mueang	8°6'2.86"N	100°9'50.38"E	1.32	1.32	28.88	16/12/17	30617001
220	Mr.Paisit Kongchaui	Sua Hueng, Chian Yai	8°6'40.38"N	100°8'17.69"E	1.99	1.99	43.53	27/04/18	30218095
220	Mr.Paisit Kongchaui	Sua Hueng, Chian Yai	8°6'55.18"N	100°7'44.89"E	2.30	2.30	50.31	27/04/18	30218095
220	Mr.Paisit Kongchaui	Sua Hueng, Chian Yai	8°06'14.1"N	100°08'30.8"E	2.77	2.77	60.59	27/04/18	30218095
220	Mr.Paisit Kongchaui	Sua Hueng, Chian Yai	8°06'26.7"N	100°08'12.5"E	3.65	3.65	79.8 4	27/04/18	30218095
220	Mr.Paisit Kongchaui	Sua Hueng, Chian Yai	8°06'12.3"N	100°09'08.3"E	2.43	2.43	53.16	27/04/18	30218095
221	Mr.Panutat lansay*	Ban Mai, Pak Phanang	8°03'26.7"N	100°10'05.4"E	3.15	2.78	60.81	27/04/18	30518029
221	Mr.Panutat lansay	Khlong Krabue, Pak Phanang	8°10'03.7"N	100°07'17.7"E	1.30	1.30	28.44	27/04/18	30518029
222	Mr.Phakdi Hyiksai	Tha Samet, Cha-Uat	8°04'35.1"N	100°07'51.5"E	1.43	1.43	31.28	16/07/20	30820019
222	Mr.Phakdi Hyiksai	Tha Samet, Cha-Uat	8°07'52.7"N	100°06'54.4"E	0.80	0.80	17.50	16/07/20	30820019
223	Mr.Phichat Sakikaeo	Tha Khanan, Chian Yai	8°8'49.21"N	100°12'12.10"E	0.67	0.67	14.66	29/11/16	30216035
223	Mr.Phichat Sakikaeo	Tha Khanan, Chian Yai	8°04'34.7"N	100°08'14.1"E	2.01	2.01	43.97	29/11/16	30216035
223	Mr.Phichat Sakikaeo	Khao Phra Bat, Chian Yai	8°04'30.3"N	100°07'57.4"E	1.69	1.69	36.97	29/11/16	30216035
223	Mr.Phichat Sakikaeo	Tha Khanan, Chian Yai	8°10'10.03"N	100°11'55.86"E	0.29	0.29	6.34	29/11/16	30216035
224	Mr.Phuwdet Chongkaichak	Karaket, Chian Yai	8°07'07.1"N	100°11'08.3"E	0.67	0.67	14.66	30/01/18	30118116
224	Mr.Phuwdet Chongkaichak	Karaket, Chian Yai	8°10'27.51"N	100°12'46.45"E	0.61	1.57	34.34	30/01/18	30118116
224	Mr.Phuwdet Chongkaichak	Karaket, Chian Yai	8°06'59.5"N	100°11'36.1"E	0.56	0.56	12.25	30/01/18	30118116
225	Mr.Pichai Galasri	Sai Mak, Chian Yai	8°08'13.5"N	100°13'04.3"E	1.45	1.34	29.31	27/04/18	30518011
226	Mr.Pissanu Pankaew	Tha Som, Hua Sai	8°8'42.93"N	100°13'20.54"E	2.33	2.33	50.97	27/04/18	30218096
227	Mr.Piyawit Thauaonsang	Pa Rakam, Pak Phanang	8°8'45.00"N	100°13'0.70"E	2.26	2.26	49.44	13/07/20	30520100
228	Mr.Praneet Kamawanich	Koh Thuat, Pak Phanang	8°09'53.8"N	100°11'50.4"E	1.71	1.71	37.41	16/07/20	30820022



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229	Mr.Praphan Chandaeng	Koh Thuat, Pak Phanan	8°08'05.3"N	100°12'18.7"E	1.90	1.90	41.56	13/07/20	30520105
230	Mr.Praphat Sriwarin	Kreeng, Cha-Uat	8°08'12.6"N	100°12'39.8"E	4.78	4.78	104.56	16/07/20	30820024
231	Mr.Prasat Ngamkhuem	Pa Rakam, Pak Phanang	8°08'16.4"N	100°12'01.5"E	3.40	3.24	70.88	27/04/18	30518026
232	Mr.Prasoet Senkan*	Pa Rakam, Pa Rakam	8°8'20.02"N	100°10'44.95"E	4.23	4.23	92.53	27/04/18	30518007
232	Mr.Prasoet Senkan	Pa Rakam Pa Rakam	8°09'04.8"N	100°12'49.9"E	4.13	4.13	90.34	27/04/18	30518007
232	Mr.Prasoet Senkan	Bang Taphong, Pak Phanang	8°08'31.8"N	100°12'07.7"E	1.67	1.67	36.53	27/04/18	30518007
232	Mr.Prasoet Senkan	Pa Rakam, Pak Phanang	8°07'53.5"N	100°11'49.5"E	1.73	1.73	37.84	27/04/18	30518007
233	Mr.Prathip Chuaithong	Koh Thuat, Pak Phanang	8°07'44.4"N	100°11'30.2"E	2.66	2.66	58.19	27/04/18	30518070
233	Mr.Prathip Chuaithong	Koh Thuat, Pak Phanang	8°8'18.40"N	100°15'13.81"E	0.86	0.86	18.81	27/04/18	30518070
233	Mr.Prathip Chuaithong	Koh Thuat, Pak Phanang	8°8'21.11"N	100°14'12.03"E	1.74	1.74	38.06	27/04/18	30518070
234	Mr.Prayoon Phannarangsri	Pa Rakam, Pak Phanang	8°10'57.22"N	100°14'8.79"E	1.05	1.05	22.97	27/04/18	30518050
234	Mr.Prayoon Phannarangsri	Pa Rakam, Pak Phanang	8°8'2.27"N	100°13'2.72"E	3.16	3.16	69.13	27/04/18	30518050
234	Mr.Prayoon Phannarangsri	Ban Noen, Chian Yai	8°7'56.59"N	100°11'50.73"E	3.02	3.02	66.06	27/04/18	30518050
235	Mr.samat Buakhao	Ban Mai, Pak Phanang	8°8'34.17"N	100°14'36.22"E	1.17	1.17	25.59	27/04/18	30518010
236	Mr.Sanan Plodwong	Pa Rakam, Pak Phanang	8°7'25.45"N	100°11'48.10"E	3.33	3.33	72.84	27/04/18	30518037
237	Mr.Sane Sonthimueang	Ban Mai, Pak Phanang	8°10'29.37"N	100°14'24.76"E	3.30	3.30	72.19	20/04/18	30518058
237	Mr.Sane Sonthimueang	Ban Mai, Pak Phanang	8°10'21.10"N	100°14'51.81"E	1.38	1.38	30.19	20/04/18	30518058
238	Mr.Sathit Ainchan	Koh Thuat, Pak Phanang	8°07'09.5"N	100°08'58.4"E	1.64	1.55	33.91	27/04/18	30518040
238	Mr.Sathit Ainchan	Ban Mai, Pak Phanang	8°06'15.3"N	100°10'09.7"E	1.00	1.00	21.88	27/04/18	30518040
239	Mr.Satian Phatkaew	Sua Hueng, Chian Yai	8°07'43.1"N	100°13'02.6"E	2.26	2.26	49.44	27/12/16	30217051
239	Mr.Satian Phatkaew	Sua Hueng, Chian Yai	8°1'43.18"N	100°10'58.93"E	1.63	1.63	35.66	27/12/16	30217051
239	Mr.Satian Phatkaew	Khao Phra Bat, Chian Yai	8°3'39.12"N	100°10'23.33"E	1.16	1.16	25.38	27/12/16	30217051
240	Mr.Satit Chanchom	Koh Thuat, Pak Phanang	8°1'36.37"N	100°10'48.06"E	1.75	1.75	38.28	20/04/18	30518039



No	Name of farmer	Location	CDS D	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
INO	Name of famile	Location					annual FFB	joining	ID
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	Production (MT)		
240	Mr.Satit Chanchom	Koh Thuat, Pak Phanang	8°2'48.99"N	100°10'37.92"E	1.26	1.26	27.56	20/04/18	30518039
241	Mr.Sean Kaeokaew	Koh Thuat, Pak Phanang	8°3'31.11"N	100°10'52.43"E	2.83	2.83	61.91	27/04/18	30518017
242	Mr.Sombon Baupat	Koh Thuat, Pak Phanang	8°3'35.94"N	100°9'50.57"E	1.52	1.52	33.25	13/07/20	30520083
242	Mr.Sombon Baupat*	Koh Thuat, Pak Phanang	8°3'10.21"N	100°11'9.87"E	2.45	2.45	53.59	13/07/20	30520083
243	Mr.Somboon Kraikaew	Koh Thuat, Pak Phanang	8°03'16.5"N	100°11'17.4"E	3.88	3.88	84.88	13/07/20	30520110
243	Mr.Somboon Kraikaew	Pa Rakam, Pak Phanang	8°3'35.88"N	100°9'48.77"E	1.31	1.31	28.66	13/07/20	30520110
243	Mr.Somboon Kraikaew	Koh Thuat, Pak Phanang	8°03'03.0"N	100°11'09.0"E	0.99	0.99	21.66	13/07/20	30520110
243	Mr.Somboon Kraikaew	Koh Thuat, Pak Phanang	8°03'06.3"N	100°11'05.3"E	0.49	0.49	10.72	13/07/20	30520110
243	Mr.Somboon Kraikaew	Koh Thuat, Pak Phanang	8°2'0.65"N	100°10'48.96"E	8.71	8.67	189.27	13/07/20	30520110
244	Mr.Somchai Ngoenkeeree	Pa Rakam, Pak Phanang	8°8'37.97"N	100°7'29.37"E	0.62	0.62	13.56	20/04/18	30518009
244	Mr.Somchai Ngoenkeeree	Koh Thuat, Pak Phanang	8°3'31.91"N	100°10'35.98"E	0.98	0.98	21.44	20/04/18	30518009
244	Mr.Somchai Ngoenkeeree	Koh Thuat, Pak Phanang	8°3'2.80"N	100°10'17.01"E	3.19	3.19	69.78	20/04/18	30518009
245	Mr.Somtong Sailamai	Khuan Nong Grab, Chulabhorn	8°0'49.48"N	100°10'38.11"E	5.78	5.78	126.44	20/08/17	30217084
246	Mr.Somya Musika	Ban Noen, Chian Yai	8°2'9.67"N	100°11'5.12"E	6.46	6.46	141.31	16/12/17	30118121
246	Mr.Somya Musika*	Karaket, Chian Yai	8°3'36.72"N	100°9'42.10"E	3.82	3.82	83.56	16/12/17	30118121
247	Mr.Soomnuek Uthongon	Karaket, Chian Yai	8°11'6.42"N	100°7'40.68"E	2.11	2.11	46.16	05/01/18	30118125
248	Mr.Suchat Wongauthai	Tha Samet, Cha-uat	8°11'8.51"N	100°5'38.36"E	1.20	1.20	26.25	16/07/20	30820023
248	Mr.Suchat Wongauthai	Khreng, Cha-uat	7°56'54.16"N	100°3'22.12"E	0.43	0.43	9.41	16/07/20	30820023
249	Mr.Suphap Phoebangkhem	Ko Thuat, Pak Phanang	8°10'49.04"N	100°5'30.23"E	3.46	3.46	75.69	27/04/18	30518054
249	Mr.Suphap Phoebangkhem	Ko Thuat, Pak Phanang	8°11'5.05"N	100°5'51.80"E	1.10	1.10	24.06	27/04/18	30518054
250	Mr.Sura Nukong	Ko Thuat, Pak Phanang	8°11'7.13"N	100°7'5.80"E	0.98	0.98	21.44	13/07/20	30520076
250	Mr.Sura Nukong	Ko Thuat, Pak Phanang	8°10'53.07"N	100°7'3.35"E	1.04	1.04	22.75	13/07/20	30520076



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
251	Mr.Surachet Phiromrak	Khreng, Cha-uat	8°11'5.62"N	100°7'10.99"E	2.07	2.07	45.28	12/12/18	30818016
251	Mr.Surachet Phiromrak	Khreng, Cha-uat	8°10'10.84"N	100°6'17.46"E	1.46	1.46	31.94	12/12/18	30818016
252	Mr.Surchai Thong- ou-pakarn	Suea Hueng, Chian Yai	8°11'37.35"N	100°5'11.57"E	1.28	1.28	28.00	30/01/18	30218092
252	Mr.Surchai Thong- ou-pakarn	Suea Hueng, Chian Yai	8°10'59.87"N	100°5'15.19"E	1.32	1.32	28.88	30/01/18	30218092
252	Mr.Surchai Thong- ou-pakarn	Suea Hueng, Chian Yai	8°11'14.79"N	100°5'20.75"E	1.78	1.78	38.94	30/01/18	30218092
253	Mr.Surchai Thongsong	Ko Thuat, Pak Phanang	8°11'15.01"N	100°5'49.58"E	3.73	3.73	81.59	27/04/18	30518036
254	Mr.Thawin Marayat	Khreng, Cha-uat	8°12'43.81"N	100°6'40.49"E	0.16	0.16	3.50	16/07/20	30820030
255	Mr.Theppharit Thongthep	Khreng, Cha-uat	8°12'48.97"N	100°6'36.01"E	2.59	2.59	56.66	16/07/20	30820020
256	Mr.Vitaya Saejiv	Karaket, Chian Yai	8°13'1.07"N	100°6'32.11"E	4.23	4.23	92.53	27/04/18	30118130
257	Mr.Viwat Pariyupamol	Ko Thuat, Pak Phanang	8°12'20.74"N	100°6'42.12"E	1.81	1.81	39.59	13/07/20	30520091
257	Mr.Viwat Pariyupamol	Ko Thuat, Pak Phanang	8°12'33.06"N	100°6'37.60"E	1.70	1.70	37.19	13/07/20	30520091
258	Mr.Wanna Buakhom	Pa Rakam, Pak Phanang	8°12'28.43"N	100°6'25.89"E	4.53	4.53	99.09	13/07/20	30520094
259	Mr.Wat Thongoon	Tha Samet, Cha-uat	8°16'4.35"N	100°6'20.29"E	2.82	2.82	61.69	16/07/20	30820025
260	Mr.Wikrom Nukhong	Ko Thuat, Pak Phanang	8°16'59.54"N	100°7'40.52"E	1.50	1.41	30.84	27/04/18	30518067
260	Mr.Wikrom Nukhong	Pak Phraek, Pak Phanang	8°16'25.19"N	100°6'29.98"E	1.82	1.82	39.81	27/04/18	30518067
261	Mr.Yinda chumueang	Pa Rakam, Pak Phanang	8°17'33.14"N	100°6'6.31"E	1.12	1.12	24.50	27/04/18	30518045
262	Mrs.Ampha Pothongkham*	Ban Mai, Pak Phanang	8°16'57.52"N	100°5'35.00"E	6.85	6.49	141.97	27/04/18	30518020
263	Mrs.Amphan Ainchan	Ko Thuat, Pak Phanang	8°15'27.54"N	100°7'14.58"E	0.92	0.92	20.13	13/07/20	30520103
264	Mrs.Amporn Muenakson	Karaket, Chian Yai	8°17'13.46"N	100°7'10.17"E	1.31	1.31	28.66	27/04/18	30118141
265	Mrs.Arrom Saisuksom	Pa Rakam, Pak Phanang	8°16'11.57"N	100°5'55.23"E	1.99	1.99	43.53	20/04/18	30518066
266	Mrs.Arrom Thongaiad	Karaket, Chian Yai	8°15'56.97"N	100°5'56.09"E	0.37	0.37	8.09	15/12/16	30116057
267	Mrs.Boonpa Nallput	Khlong Noi, Pak Phanang	8°15'22.78"N	100°6'51.65"E	0.92	0.92	20.13	13/07/20	30520099
268	Mrs.Buppha Chumuaong	Tha Samet, Cha-uat	8°15'33.02"N	100°6'41.15"E	0.66	0.66	14.44	16/07/20	30820026



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
269	Mrs.chamnian Daengkhaw	Pa Rakam, Pak Phanang	8°17'55.26"N	100°7'25.89"E	3.76	3.76	82.25	20/04/18	30518031
270	Mrs.chamnian sukaiad	Pa Rakam, Pak Phanang	8°17'37.67"N	100°6'44.08"E	1.67	0.80	17.50	27/04/18	30518028
270	Mrs.chamnian sukaiad	Pa Rakam, Pak Phanang	8°16'49.92"N	100°7'47.25"E	0.91	0.91	19.91	27/04/18	30518028
271	Mrs.Charas Pansang	Koh Jak, Pak Phanang	8°17'26.72"N	100°6'53.08"E	2.49	2.49	54.47	27/04/18	30518072
272	Mrs.Chari Chusuk	Khreng, Cha-uat	8°17'26.26"N	100°5'43.11"E	0.23	0.20	4.38	16/07/20	30820027
272	Mrs.Chari Chusuk	Khreng, Cha-uat	8°17'58.14"N	100°6'46.37"E	1.45	1.45	31.72	16/07/20	30820027
273	Mrs.Chiraphon Chauykongma	Karaket, Chian Yai	8°18'29.49"N	100°7'2.49"E	0.78	0.78	17.06	25/08/17	30118120
273	Mrs.Chiraphon Chauykongma	Karaket, Chian Yai	8°16'54.50"N	100°6'30.75"E	1.64	1.64	35.88	25/08/17	30118120
273	Mrs.Chiraphon Chauykongma	Karaket, Chian Yai	8°17'26.32"N	100°5'35.58"E	1.09	1.09	23.84	25/08/17	30118120
273	Mrs.Chiraphon Chauykongma	Karaket, Chian Yai	8°15'32.15"N	100°6'46.02"E	2.65	2.65	57.97	25/08/17	30118120
273	Mrs.Chiraphon Chauykongma*	Karaket, Chian Yai	8°15'31.58"N	100°7'10.95"E	3.13	3.13	68.47	25/08/17	30118120
274	Mrs.Dara Janthong*	Karaket, Chian Yai	8°14'53.47"N	100°5'55.73"E	2.57	2.41	52.72	27/04/18	30518032
275	Mrs.Hiang Saikuea	Pa Rakam, Pak Phanang	8°17'28.19"N	100°7'10.78"E	1.44	1.44	31.50	27/04/18	30518056
275	Mrs.Hiang Saikuea	Pa Rakam, Pak Phanang	8°17'36.03"N	100°6'59.05"E	0.32	0.32	7.00	27/04/18	30518056
276	Mrs.Jaradsri Thaneerat	Suea Hueng, Chian Yai	8°17'57.89"N	100°6'51.62"E	3.71	3.71	81.16	03/12/16	30118129
277	Mrs.Jureeporn Chunchaew	Suea Hueng, Chian Yai	8°17'20.33"N	100°6'49.48"E	1.97	1.97	43.09	25/08/16	30216008
278	Mrs.Juriporn Playchum	Ban Klang, Chian Yai	8°17'59.60"N	100°7'27.45"E	1.60	1.60	35.00	28/03/17	30217054
279	Mrs.Kanha Somjan	Tha Khanan, Chian Yai	8°17'52.79"N	100°6'51.06"E	4.31	4.31	94.28	16/12/17	30117079
280	Mrs.Kanlaya Klaeothanong	Ko Khan, Cha-uat	8°14'33.53"N	100°4'51.00"E	1.16	1.16	25.38	16/07/20	30820031
281	Mrs.Lamai Naksong	Ko Thuat, Pak Phanang	8°13'46.05"N	100°7'30.21"E	1.70	1.70	37.19	13/07/20	30520089
282	Mrs.Lamyong Srichao	Pa Rakam, Pak Phanang	8°14'4.22"N	100°7'14.79"E	0.68	0.68	14.88	27/04/18	30518034
283	Mrs.Nichaput Taomool	Pa Rakam, Pak Phanang	8°15'40.11"N	100°8'17.07"E	1.31	1.31	28.66	27/04/18	30518041
283	Mrs.Nichaput Taomool	Pa Rakam, Pak Phanang	8°16'47.56"N	100°5'14.70"E	1.28	1.28	28.00	27/04/18	30518041



No	Name of farmer	Location	GPS Re	eference	Area Sum	mary (Ha)	Forecasted	Date of	Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
283	Mrs.Nichaput Taomool	Pa Rakam, Pak Phanang	8°15'33.59"N	100°6'52.82"E	1.00	1.00	21.88	27/04/18	30518041
283	Mrs.Nichaput Taomool	Pa Rakam, Pak Phanang	8°15'22.4"N	100°05'31.4"E	1.37	1.37	29.97	27/04/18	30518041
284	Mrs.Nittaya Makaew	Karaket, Chian Yai	8°16'49.79"N	100°5'25.67"E	0.42	0.42	9.19	27/04/18	30118143
284	Mrs.Nittaya Makaew	Karaket, Chian Yai	8°17'29.21"N	100°5'44.69"E	0.32	0.32	7.00	27/04/18	30118143
284	Mrs.Nittaya Makaew	Karaket, Chian Yai	8°15'24.45"N	100°6'17.34"E	0.35	0.35	7.66	27/04/18	30118143
285	Mrs.Niyom Thonmee*	Karaket, Chian Yai	8°17'20.13"N	100°5'27.66"E	5.12	5.12	112.00	20/04/18	30118142
286	Mrs.Parnee Aksornkong	Thong Lamchiak, Chian Yai	8°15'43.05"N	100°5'52.99"E	2.68	2.68	58.63	20/04/18	30118135
286	Mrs.Parnee Aksornkong	Karaket, Chian Yai	8°16'54.25"N	100°4'57.94"E	1.53	1.53	33.47	20/04/18	30118135
286	Mrs.Parnee Aksornkong	Karaket, Chian Yai	7°57'8.69"N	100°3'16.00"E	1.31	1.31	28.66	20/04/18	30118135
287	Mrs.Phirom Thipkaeo*	Pa Rakam, Pak Phanang	7°57'17.69"N	100°3'25.28"E	2.18	2.18	47.69	27/04/18	30518023
288	Mrs.Prani Buaphet	Ko Thuat, Pak Phanang	7°56'25.36"N	100°2'31.79"E	1.69	1.69	36.97	13/07/20	30520102
288	Mrs.Prani Buaphet	Ban Mai, Pak Phanang	7°57'45.13"N	100°1'25.89"E	0.23	0.23	5.03	13/07/20	30520102
288	Mrs.Prani Buaphet	Ban Mai, Pak Phanang	7°57'38.87"N	100°1'30.95"E	0.94	0.94	20.56	13/07/20	30520102
289	Mrs.Prapat Chansuk	Cha-uat, Cha-uat	7°57'38.75"N	100°1'38.01"E	0.50	0.50	10.94	16/07/20	30820034
289	Mrs.Prapat Chansuk	Cha-uat, Cha-uat	7°56'54.94"N	100°1'32.87"E	0.16	0.16	3.50	16/07/20	30820034
289	Mrs.Prapat Chansuk	Ko Khan, Cha-uat	7°57'24.86"N	100°1'43.37"E	0.23	0.23	5.03	16/07/20	30820034
290	Mrs.Somchin Buaket	Ko Thuat, Pak Phanang	7°59'13.83"N	100°3'1.65"E	0.69	0.69	15.09	27/04/18	30518049
290	Mrs.Somchin Buaket	Ko Thuat, Pak Phanang	7°56'54.16"N	100°3'22.12"E	0.61	0.61	13.34	27/04/18	30518049
291	Mrs.Suchari Jongkaijak	Karaket, Chian Yai Thammarat	7°57'15.72"N	100°1'17.54"E	1.37	1.37	29.97	25/11/16	30116028
292	Mrs.Tassanee Bunchuwong	Pa Rakam, Pak Phanang	7°56'1.25"N	100°1'27.07"E	0.95	0.95	20.78	13/07/20	30520092
293	Mrs.Tueanchai Kraiwong	Pa Rakam, Pak Phanang	7°57'43.13"N	100°2'35.51"E	1.14	1.14	24.94	27/04/18	30518021
294	Mrs.Vanida Nurod	Khreng, Cha-uat	7°57'26.01"N	100°2'22.08"E	1.64	1.64	35.88	16/07/20	30820018
294	Mrs.Vanida Nurod	Khreng, Cha-uat	7°57'15.72"N	100°3'25.05"E	1.33	1.28	28.00	16/07/20	30820018



No	Name of farmer	Location	GPS Reference		Area Summary (Ha)		Forecasted		Smallholder
			Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	annual FFB Production (MT)	joining	ID
295	Mrs.Wanlapha Sumanloed*	Ko Thuat, Pak Phanang	7°58'21.62"N	100°2'25.32"E	3.16	0.96	21.00	27/04/18	30518048
295	Mrs.Wanlapha Sumanloed	Ban Mai, Pak Phanang	7°34'58.58"N	100°3'0.52"E	0.27	0.27	5.91	27/04/18	30518048
295	Mrs.Wanlapha Sumanloed	Pa Rakam, Pak Phanang,	7°55'34.33"N	99°57'26.36"E	0.95	0.95	20.78	27/04/18	30518048
296	Mrs.Wanna Srichao	Pa Rakam, Pak Phanang,	7°34'56.02"N	100°2'55.23"E	1.80	1.80	39.38	27/04/18	30518033
297	Mrs.Watsana Rotchob*	Ko Thuat, Pak Phanang,	7°34'53.19"N	100°3'3.00"E	5.37	5.37	117.47	20/04/18	30518060
297	Mrs.Watsana Rotchob	Ko Thuat, Pak Phanang,	7°58'33.32"N	100°2'33.95"E	1.04	0.99	21.66	20/04/18	30518060
297	Mrs.Watsana Rotchob	Pa Rakam, Pak Phanang,	7°58'3.36"N	100°2'37.85"E	0.75	0.75	16.41	20/04/18	30518060
298	Mrs.Wilat Champa	Pa Rakam, Pak Phanang,	8°9'25.14"N	100°13'24.64"E	1.39	1.39	30.41	20/04/18	30518059
298	Mrs.Wilat Champa	Pa Rakam, Pak Phanang,	7°58'35.48"N	100°2'17.80"E	2.08	2.08	45.50	20/04/18	30518059
298	Mrs.Wilat Champa	Pa Rakam, Pak Phanang,	8°5'53.37"N	100°10'30.73"E	0.87	0.87	19.03	20/04/18	30518059
298	Mrs.Wilat Champa	Pa Rakam, Pak Phanang,	8º 16' 0.84" N	100° 7' 17.4" E	0.83	0.83	18.16	20/04/18	30518059
Total						953.20	20,851.25		

Note:

106 Existing members (Black text): Total area is 334.60 ha with 317.09 ha of oil palm planted area (176 oil palm plot)

192 New members (Blue text): Total area is 656.43 ha with 636.11 ha of oil palm planted area (352 oil palm plot)

^{*} sampled taken during this audit



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