




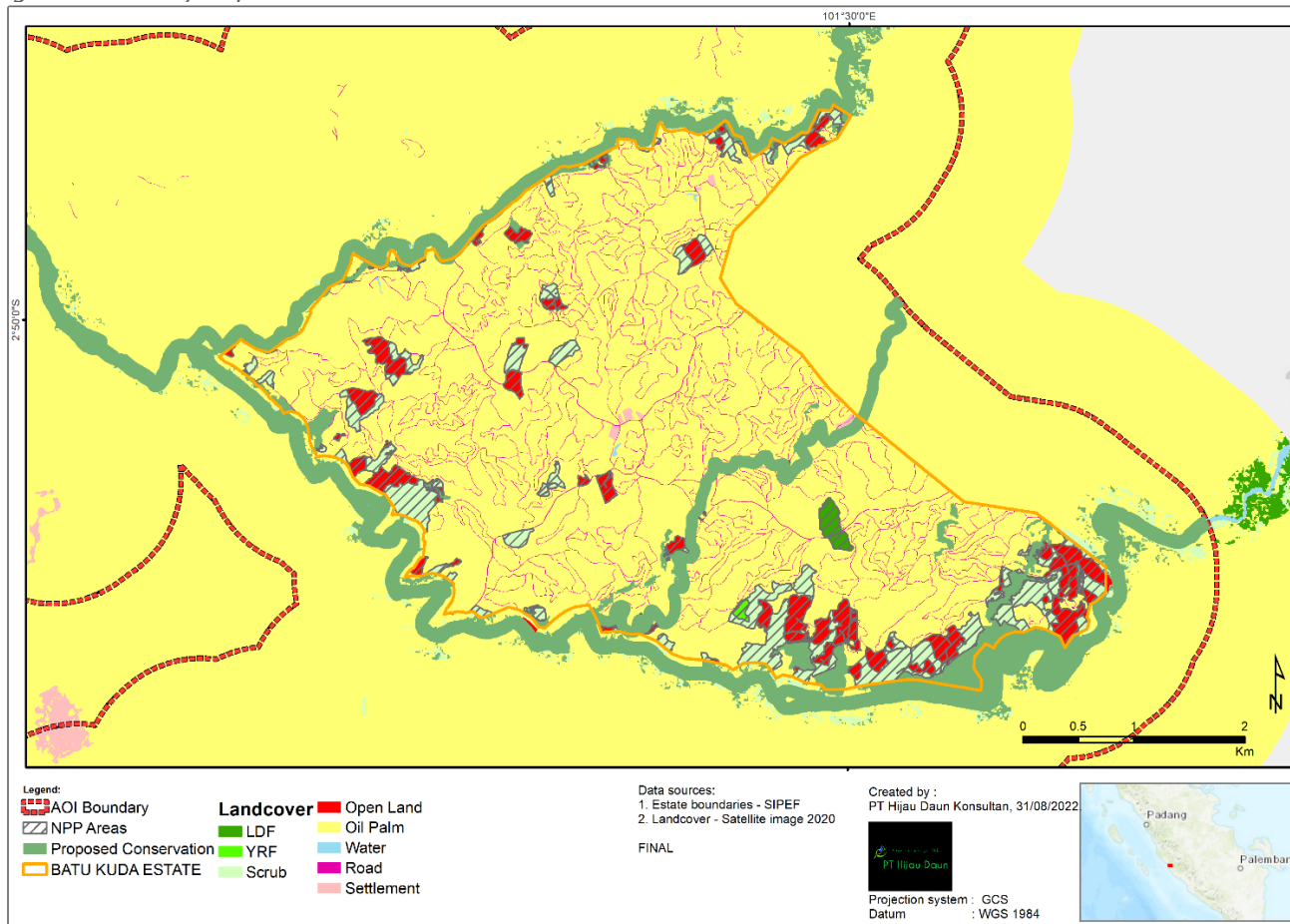
New Planting Procedure – Notification Statement

 RSPO Roundtable on Sustainable Palm Oil	 S I P E F	 bsi.
NPP Reference Number	NPP RSPO 781255	
Country of the NPP Submission:	Indonesia	
RSPO Membership Number	1-0021-05-000-00	
Name of Subsidiary (if any):	-	
Name of Management Unit:	PT. Mukomuko Agro Sejahtera	
Name(s) of Estate(s) covered under this management plan:	Batu Kuda Estate	
Location of NPP area:	Mukomuko Regency, Bengkulu Province, Indonesia	
Address of NPP area:	Tunggang Village, Pondok Suguh District, Mukomuko Regency, Bengkulu Province, Indonesia	
Business/operation Permit Reference Number and Issuing Authority:	Operational business permit as in “Keputusan Bupati Mukomuko No.140 Tahun 2011 tentang Izin Usaha Perkebunan Budidaya Tanaman Perkebunan kepada PT. Agrinical” dated 29 March 2011. The permit is for oil palm plantation of 2,300 Ha.	
Size information (ha)	a) Total area as per permit:	2,300.00 Ha (as per Izin Usaha Perkebunan)
	b) Area for new planting:	244.46 Ha
	c) HCV area (if any):	127.10 Ha (Within area as per permit; total hectarage is not the sum as HCV and HCS area overlaps)
	d) HCS forest (if any):	23.67 Ha (Includes forests YRF or better)
	e) Peatland (if any):	-
	f) Steep terrain (if any):	42.00 Ha (overlap with HCV)
	g) Riparian buffer (if any):	58.93 Ha (overlap with HCV)
	h) Marginal and fragile soil (if any):	-

Projected GHG emissions	-0.68 tCO ₂ e/tFFB
Geospatial Coordinates	2° 50' 27.79" S and 101° 28' 58.51" E

Boundary Maps

Figure 1. Boundary map Batu Kuda Estate



Areas and proposed time for new planting

Location	Proposed Time Plan for Development		Approx. size of clearing
	Month	Year	
Batu Kuda Estate	January - December	2026	244.46 Ha

Summary of the NPP Verification by CB

Based on the document verification it was found that PT. Mukomuko Agro Sejahtera’s NPP Notification Statement has complied with the RSPO NPP Procedures 2021 (RSPO-PRO-T01-009 V1.0).

RSPO NPP desk review carried out 31 October – 1 November 2022.

RSPO NPP onsite verification carried out 2 – 4 November 2022.

The Batu Kuda Estate was owned by PT. Agrincal and is being purchased by PT. Mukomuko Agro Sejahtera. PT. Mukomuko Agro Sejahtera is a subsidiary of SIPEF Group and in fulfilling its commitment to the RSPO is

undertaking an NPP against RSPO New Planting Procedure 2021 Standard. The total area of the management unit is 2,049.97 ha. The estate was developed by PT. Agrincinal (another company) between 1998 – 2016, before being purchased in 2020 by PT. Mukomuko Agro Sejahtera. PT. Agrincinal acquired rights to the land by paying land compensation to the original owners.

The area of Batu Kuda Estate as per Location Permit/"Izin Lokasi" is covering 2,300 Ha; as per Environmental Permit/"Persetujuan UKL/UPL is covering 2,500 Ha; as per Operation Business Permit/"Izin Usaha Perkebunan" is covering 2,300 Ha. The area proposed for NPP of 244.46 Ha is part of Batu Kuda Estate.

During field verification, verification team noted that the majority of the concession of Batu Kuda Estate has been developed as oil palm plantation. The land cover of area proposed for NPP of 244.46 Ha in majority is open land, scrub, low density forest and young regenerating forest. The land clearing in the area proposed for NPP was carried out by the landowner. This is because the majority area proposed for NPP is still under control by the respective landowner. Management Unit has begun the FPIC process, prepare inventory and mapped the area proposed for NPP. Verification team noted that Management Unit has not touched and/or developed the area proposed for NPP.

During field verification, verification team interviewed government officials, district authority, village heads, community members, individuals participated during the exercise for the HCV-HCSA Assessment, Environmental Impact Assessment review, Social Impact Assessment, development of Integrated Management Plan. From the interviews, community's aspiration has been included into HCV-HCSA Assessment document, SIA document, EIA review document and incorporated into Integrated Management Plan document.

The HCV-HCSA Assessment conducted on on 22 September 2021 – January 2022. The HCV-HCSA report dated January 2022. This HCV-HCS assessment conducted by external assessor PT. Hijau Daun, with HCV RN Assessor Licensing Scheme No. ALS14006JC Mr. Jules Crawshaw. The HCV-HCSA assessment covers area of 2,400.77 Ha (as per permit for plantation + smallholders). The dates of activity related to HCV-HCSA assessment located at Batu Kuda Estate, Mukomuko Regency, Bengkulu Province, Indonesia:

Step	Step description	Location	Dates undertaken/scheduled
1.	Contract Signing and project initiation	Office	14 September 2021
2	Participatory Mapping – done as part of the SIA.	Batu Kuda Area	22 September, 2021 – 1 October, 2021 (also done by the company prior to September 2021)
3	Compilation of secondary and available primary data, including preliminary stakeholder consultation during a short, initial visit to the license areas (Scoping Study)	Batu Kuda Area	22 September, 2021 – 1 October, 2021
4	Team formation and briefing on project scope	Office	22 September, 2021
5	Planning for fieldwork and agreement on field methods for primary data collection	Office	14 th – 21 September 2021.
6	Fieldwork and primary data collection, including direct stakeholder consultation	Batu Kuda Area	22 September, 2021 – 1 October, 2021
7	Development of an SIA (which included a Social Baseline Study and Land Tenure Study) ¹	Batu Kuda Area	Done by company prior to September 2021.
8	Full Assessment, data analysis and interpretation	Batu Kuda Area	2 October, 2021 – 6 October, 2021
9	Preparation of a Draft Findings, including HCVA maps and management and monitoring recommendations (phase 1)	Batu Kuda Area	6 October, 2021
10	Final consultation to report interim HCV findings	Batu Kuda Area	7 October, 2021 – 8 October, 2021
11	Amend the draft report based on the Final Consultation.	Office	October 2021- January 2022

12	Submission of the HCV Report to HCVRN	Office	January 2022										
<p>The HCV-HCSA assessment report has met ALS quality requirements. ALS Satisfactory Date Obtained (ALS HCV & HCV-HCSA assessment): Peer review completed 8 June 2022 with Quality Panel feedback "Satisfactory". ALS status link: https://www.hcvnetwork.org/reports/integrated-hcv-hcsa-assessment-report-pt-mukomuko-agro-sejahtera-batu-kuda-estate-mukomuko-bengkulu-i</p> <p>The Environmental Impact Assessment in document "Upaya Pengelolaan Lingkungan (UKL) dan Upaya Pemantauan Lingkungan (UPL) Perkebunan Kelapa Sawit Desa Tunggang, Kecamatan Pondok Suguh, Kabupaten Mukomuko 2006". The coverage of the EIA was 2,500 Ha. This UKL/UPL document was issued with environmental permit as per "Surat Pemerintah Kabupaten Mukomuko Kantor Pengendalian Dampak Lingkungan No.660/014/PDL/IV/2006 Perihal Persetujuan UKL-UPL Perkebunan Kelapa Sawit" dated 24 April 2006.</p> <p>The company initiate review upon document Upaya Pengelolaan Lingkungan (UKL) dan Upaya Pemantauan Lingkungan (UPL) as per "Review Dokumen Upaya Pengelolaan dan Upaya Pemantauan PT. Agrical - Kebun Inti Tunggang, September 2022" by consultant PT. Hijau Daun. The assessor comprises of Jules Crawshaw and Daryatun Ridwan.</p> <p>The Social Impact Assessment was carried out by PT. Hijau Daun as in document "Social Impact Assessment PT. Mukomuko Agro Sejahtera Batu Kuda Estate and Smallholders, Kecamatan Pondok Suguh, Bengkulu – Indonesia, 2021". The social impact assessment exercised between 22 September – 1 October 2021. SIA report dated December 2021. The assessor comprises of Jules Crawshaw and Daryatun Ridwan from PT. Hijau Daun.</p> <p>Social Impact Assessment including participatory mapping exercise in consultation with 9 villages (Air Berau village, Banjar Sari village, Tunggang village, Karya Mulya village, Mekar Sari village, Pondok Kandang village, Pondok Suguh village, Retak Mudik village, Sidodadi village), 2 districts (Sungai Rambai district and Pondok Suguh district), as well as NGO, forestry service, manpower service, environmental service, and plantation service at regency level on 22 September – 9 October 2021.</p> <p>From the interview conducted, supported with field verification, the local communities participated during SIA and HCV-HCSA Assessment. In the SIA and HCV-HCSA Assessment document, comments from communities have been recorded, confirmed similar information gathered during interview and field verification. Information related to community comments and aspiration related to increase in road traffic use for FFB transport and the importance to conserve river buffer zone.</p>													
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<p>PT. Mukomuko Agro Sejahtera demonstrated the FPIC building blocks have been implemented:</p> <ul style="list-style-type: none"> - PT. Mukomuko Agro Sejahtera has in place procedure for FPIC dated 18 February 2018. FPIC procedure being socialized in July 2020. - Documented consent by communities and/or rights holders to pursue the project: PT. Mukomuko Agro Sejahtera communicating their plan to assess Batu Kuda Estate to Tunggang village and Karya Mulya village agreed on 20 July 2020. 													

- There is evidence that growers have been informed by the communities of the composition of their self-selected designated representatives and or representative institutions where land acquisition is planned: As per bureaucracy process in Indonesia, village head is the representative institution for land acquisition. However, from documented compensation process, each individual landowner give initial approval, setting up price, processing negotiation, up to compensation agreement implementation.
- There is evidence that communities have meaningfully participated in the elaboration of the SEIA and the HCV-HCSA Assessment: Evidence sighted in form of attendance list of community attending participatory mapping, public consultation and result presentation of HCV-HCS Assessment.
- The HCV Assessment has clearly recommended which areas need to be managed to maintain and enhance the full range of HCVs including HCVs 4, 5 and 6, only where these HCVs have been assessed to exist and relate to the relevant communities involved in the FPIC process: Evidence sighted in form of attendance list of community attending participatory mapping, public consultation and result presentation of HCV-HCS Assessment.

The recent FPIC that had been done was PT. Mukomuko Agro Sejahtera has made a presentation to the community. The company has explained that it is in the process of purchasing the estate and wants to be a responsible manager with respect to the community and the environment. The company had obtained permission letters from each of the affected communities to undertake the assessments (biodiversity and social).

As per bureaucracy process in Indonesia, village head is the representative institution for the community. However, during interview with individual landowner; verification team noted they choose to undergone FPIC for land compensation process in direct interaction with company team while the village head monitoring the process.

The summary of management plan document has covered key findings of the various assessment, key mitigation and monitoring plan, evidence of FPIC and key agreements with local communities, action plan describing operational action in reference to PT. Mukomuko Agro Sejahtera's procedures. The summary of management plan has identified appointed management team and responsible person for the implementation.

PT. Mukomuko Agro Sejahtera has identified the soil and topography feature of its plantation. The exercise led by Mr. Jules Crawshaw from PT. Hijau Daun on 22 September – 1 October 2021, report dated December 2021.

In the Assessment Area most of the soils are Dystrudepts or Paleudults. Slope class and its hectarage in Batu Kuda Estate (with scope as per permit for all plantation + smallholders):

Degree of slope	Hectarage (Ha)	Percentage (%)
0.02 – 5.00 ⁰	256.91	12.54
5.01 – 10.00 ⁰	542.59	26.50
10.01 – 15.00 ⁰	637.81	31.14
15.01 – 20.00 ⁰	428.72	20.93
20.01 – 25.00 ⁰	141.78	6.29
>25 ⁰	40.41	1.97

For GHG calculation, PT. Mukomuko Agro Sejahtera used the New Development GHG calculator and the result explained in the summary of assessment document. The exercise led by Mr. Jules Crawshaw from PT. Hijau Daun. The assessment and calculation from December 2020, September – October 2021 & March 2022; report date March 2022. The GHG result explained in the document as follows:

Field emissions & sinks	Scenario 1			Scenario 2			Scenario 3		
	tCO2e	t CO2e/ha	tCO2e/t FFB	t CO2e	t CO2e/ha	t CO2e/t FFB	t CO2e	t CO2e/ha	t CO2e/t FFB
Land clearing	1,148.46	4.96	0.71	492.49	0.24	0.01	3,151.31	2.83	0.11
Crop sequestration	0.00	0.00	0.00	-19,100.93	-9.36	-0.31	-10,408.12	-9.36	-0.37
Fertilisers	14.41	0.06	0.01	421.28	0.21	0.01	819.83	0.74	0.03

N2O	10.84	0.05	0.01	2,212.32	1.08	0.04	1,559.92	1.4	0.06
Field fuel	34.86	0.15	0.02	160.48	0.08	0.00	108.16	0.1	0
Peat	-	-	-	-	-	-	-	-	-
Conservation credit	-289.98	-1.25	-0.18	-301.70	-0.15	-0.00	-257.75	-0.23	-0.01
Total	918.59	3.96	0.57	-16,116.06	-7.90	-0.26	-5,026.66	-4.52	-0.18
Mill emissions & credit	tCO2e	t CO2e/ha	tCO2e/t FFB	tCO2e	t CO2e/ha	tCO2e/t FFB	tCO2e	t CO2e/ha	tCO2e/tFFB
POME	316.59	1.37	0.20	2,263.33	1.11	0.04	1,027.74	0.92	0.04
Mill fuel	1.16	0.01	0.00	116.49	0.06	0.00	19.95	0.02	0
Purchased electricity	-	-	-	159.80	0.08	0.00	159.8	0.14	0.01
Credit (excess electricity exported)	-	-	-	-	-	-	-	-	-
Credit (sale of biomass for power)	-	-	-	-	-	-	-	-	-
Total	317.75	1.37	0.20	2,539.62	1.24	0.04	1,207.48	1.09	0.04
Total emissions, tCO2e (field and mill)	1,236.00			-			-		
t CO2e/t CPO	2.75			-0.82			-0.47		
t CO2e/t PK	2.75			-0.82			-0.47		

The scenario 1 is GHG calculation for development area planned for new planting in PT. Mukomuko Agro Sejahtera – Batu Kuda Estate of 244.46 Ha using RSPO New Development GHG Calculator (RSPO-PRO-T04-003 V3.0 ENG).

PT. Mukomuko Agro Sejahtera conducted Land Use Change Analysis to ensure that there is no deforestation due to land development for oil palm. The exercise led by Mr. Jules Crawshaw from PT. Hijau Daun. Assessment on March 2022 and report dated March 2022.

The study consisted of a systematic land use changes analysis with the use of comparative satellite imagery, which shows the land use of the proposed area for the period 2005 – 2013. The LUCA was divided into several section i.e.: November 1, 2005 until November 30, 2007; December 1, 2007 until December 31, 2009; January 1, 2010 until May 9, 2014; May 9, 2014 until August 2021 and After August, 2021.

Raw liability (Ha)

Land cover class	Vegetation Coefficient	Nov 1, 2005 to Nov 30, 2007	Dec 1, 2007 to Dec 31, 2009	Jan 1, 2010 to May 9, 2014	May 9, 2014 to August 2021	After August 2021
One or more land cover classes which fulfill the criterion of vegetation coefficient 1.0	1.0	0.00	0.00	0.00	0.00	0.00
One or more land cover classes which fulfill the criterion of vegetation coefficient 0.7	0.7	341.31	86.79	77.19	16.65	0.00
One or more land cover classes which fulfill the criterion of vegetation coefficient 0.4	0.4	0.00	0.00	0.00	0.00	0.00
One or more land cover classes which fulfill the criterion of vegetation coefficient 0.0	0	309.49	232.20	130.09	87.20	0.77
Total (sum of rows)		650.80	318.99	207.28	103.85	0.77

Final Compensation Liability (Ha)

Period of clearance	Liability (ha)
November 1, 2005 to November 30, 2007	0.00



December 1, 2007 to December 31, 2009	30.38
January 1, 2010 to May 9, 2014	26.36
May 9, 2014 to July 2021	14.45
After August 2021	0.00
Total	71.18

The summary of assessment and management plan reflected in the Integrated management plan of SEIA, HCV-HCS, FPIC and GHG for new planting development in PT. Mukomuko Agro Sejahtera – Batu Kuda Estate.

PT. MMAS planned to conduct replanting for existing plantation in period 2023-2025. Then conduct new planting in 2026, for area requiring NPP.

Conclusion:

Audit team were present with the management team of PT. Mukomuko Agro Sejahtera to discuss and verify the assessment findings during desk study 31 October – 1 November 2022. Furthermore, audit team carried out field visit and ground truthing as well as conduct interview with stakeholders during onsite visit 2 – 4 November 2022. It is the opinion of BSI Group Indonesia auditor that the HCV-HCS, SEIA, GHG, LUCA assessment and Integrated Management Plan of PT. Mukomuko Agro Sejahtera are comprehensive, professional, and complied with RSPO New Planting Procedure (NPP) 2021.

Acknowledgement by RSPO Member	Batu Kuda Estate of PT. Mukomuko Agro Sejahtera acknowledges that this NPP submission had been conducted in accordance with the New Planting Procedure 2021. All assessments had been carried out accordingly and without any prejudice. PT. Mukomuko Agro Sejahtera will ensure all legal requirements are continuously met pre, during and post development of this NPP area.	
Confirmation by Certification Body	The work recorded in this NPP submission by PT. Mukomuko Agro Sejahtera at this Batu Kuda Estate, Mukomuko Regency, Bengkulu Province has been verified by BSI Services Malaysia Sdn Bhd and has been carried out in accordance with the requirement of the RSPO New Planting Procedure 2021 for the time being in force and in that respect that this area is considered satisfactory for development of new plantings.	
Signatures	RSPO Members	Certification Body
	Name of Person Responsible: Mr. Sander van den Ende	Name of Lead Auditor: Pratama Sedayu
	Designation: Regional Director of Sustainability	Designation: Lead Auditor
	Signature: 	Signature: 
	Date:	Date:

Public

	10 December 2022	10 December 2022
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