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RSPO NEW PLANTING PROCEDURE

**PT Harisa Agro Lestari
District of Barito Utara
Central Kalimantan Province
Indonesia**

**Summary Report Planning & Management
July 2015**

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RSPO NEW PLANTINGS PROCEDURE Summary Report of Planning and Management

1. Executive Summary

PT Harisa Agro Lestari (PT HAL) is located in Teweh Tengah Sub District, Barito Utara District of Central Kalimantan Province. PT HAL is one of the Indonesian oil palm companies that have committed to adopt the sustainable management practices in its operation. PT HAL consists of two location permits: No 188.45/218/2012 (size 12,582 ha) issued by the Barito Utara Regent (SK Bupati Barito Utara) dated 1 May 2012 and No. 188.45/273/2013 issued by the Barito Utara Regent dated 16 May 2013 (size 3,068 ha). The total area of its location permit is 15,650 ha.

The Plantation Business Permit (IUP) of PT HAL for area 12,582 ha was issued based on the decree of the regent of Barito Utara No. 188.45/339/2008 dated 29 April 2008, the first extension of Plantation Business Permit on 15 September 2011 with number of No. 188.45/366/2011, second extension on 16 May 2013 with the number of No. 188.45/272/2013 and third extension on 21 May 2015 with number of No 188.45/340/2015. Plantation Business Permit (IUP) of PT HAL for area 3,424 ha was issued on 18 December 2012 No. 188.45/522/2012.

Based on the map attached in the Appendix of Decree of Forestry Ministry No. 529/MENHUT-II/2012 dated 25 September 2012, with regards to Forestry Development Authority Land Use Suitability Map of Central Kalimantan Indonesia for Conservation Forest & Other Uses, 6,863 ha status is Land for Settlement and Other Uses (“*Pemukiman dan APL/Areal Penggunaan Lain*”) which can be developed as oil palm plantation, 5,332 ha status is under Convertible Production Forest (“*HPK/Hutan Produksi Konversi*”), 3,455 ha status is under production forest (HP). For PT HAL, oil palm development will be in the APL area and HPK area, PT HAL has received the governor recommendation for forest release No 522/0899/EK dated on 16 September 2014, application of letter of forest release has been made to Ministry of Environmental and Forestry Republic Indonesian (Kementrian Lingkungan Hidup dan Kehutanan RI) dated on 20 January 2015 with number HAL-HUT/003/I/2015/s. There is no primary forest and peat land within PT HAL concession area. Based on the map in the Appendix Decree of Forestry Ministry No. 3706/Menhut-VII/IPSDH/2014, dated on 13 May 2014, with regards to Indicative Map on Moratorium of

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new concession permit for Forest Use and Utilization, and Amendment of Forest Allotment area and Other Uses, PT HAL concession is not located within the moratorium area.

PT HAL has conducted Social Impact Assessment (SIA) and HCV assessment include land use change analysis (LUCA) in May 2015 by Aksenta, whose team leader has been licensed by the HCV Assessor Licensing Scheme (Provisional ALS15039IS). In addition, PT HAL has also conducted Carbon Stock Assessment by Aksenta. The land use change and green house gases emission (GHG) analysis is estimated using RSPO GHG Assessment Tool for New Oil Palm Planting dated December 2014. As per RSPO requirements, carbon stock values and GHG emission assessment report will be submitted to the RSPO Emission Reduction Working Group separately. The self declaration using “Reporting Template for Disclosure of Areas Cleared without Prior HCV Assessment since November 2005”, and “The Reporting Template for RSPO Historical Land Use/Cover Analysis and Compensation Liability” will be submitted to RSPO.

The land use change analysis based on landsat satellite imagery confirmed that there are no primary forests in the PT HAL concession. Based on HCV Assessment result, the types of HCV dominated in PT HAL are HCV 1 ; HCV 3 dan HCV 4 . The area indicated as HCV is spread through 14 spots of location. HCV area in PT HAL is amounted to 2,157.1 ha of the total location permit of PT HAL. The HCV consists mainly of secondary forest, river and the riparian buffer zone.

The result of the social impact assessment by Aksenta shows that there are many positive impacts will be enhanced for the surrounding communities and that there are some potential negative impacts for the surrounding community. The potential positive impacts are the new source of income and/or additional financial assets for the surrounding community, especially those who have been working for PT HAL. On the other hand, community land might shrink and the community access to clean water might be disturbed. In order to successfully manage the potential social impact, risk and issue, PT HAL will be developing a strategic and systematic plan. The main strategy PT HAL is to implement social management plan immediately and integrate the plan to the whole plantation operation.

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2. Reference Documents

The reference documents are as follow:

1. Social Environment Impact Assessment (AMDAL) PT Harisa Agro Lestari,
2. HCV Assessment report for PT Harisa Agro Lestari June 2015 by Aksenta,
3. SIA Assessment report for PT Harisa Agro Lestari June 2015 by Aksenta,
4. Land Use Change Analysis PT Harisa Agro Lestari June 2015 by Aksenta,
5. The Management & Monitoring Plans of HCV PT Harisa Agro Lestari,
6. The Management & Monitoring Plans of Social PT Harisa Agro Lestari,
7. The land use change and green house gases emission (GHG) analysis using RSPO GHG Assessment Tool for New Oil Palm Planting dated December 2014 (separate document for submission to RSPO ERWG).
8. The development plan of PT Harisa Agro Lestari

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Table 1 List of Legal Document

Relevant legal documents, regulatory permits and property deeds of PT HAL

No	Permits	Remarks
1	Taxpayer Notification Number	02.708.680.0-714.001
2	Certificate Of Company Registration (TDP) (TDP)	15.02.1.01.00230, 26 May 2015
3	Business Permit (SIUP)	510/154/SIUP KECIL/KPPT, 26 May 2015
4	Disorders Permit (HO)	504/389/KPPT, 26 May 2015
5	Place of Business Permit	503/389/KPPT, 26 May 2015
6	Certificate Of Domicile	474/30/DS-RS/IV/2015, 08 April 2015
7	Principle Permit for area 23,000 Ha	049.2/60/2008, 25 February 2008
	Principle Permit for area 6,500 Ha	525/95/Ek.SDA, August 2012
8	Location permit for area 12,582 Ha	188.45/218/2012, 1 May 2012
9	Release Recommendation Forest Areas of Barito Utara Regency	525/140/Adm.Ek.SDA, 19 September 2013
10	Release Recommendation Forest Areas of the Governor of Central Kalimantan size 5288.95 Ha	525/0899/EK, 16 September 2014
11	Social Environmental Impact Assessment (AMDAL)	188.45/233/2013, 7 May 2013
	Environmental Feasibility Approval	188.45/233/2013, 7 May 2013
	Environmental Permit	188.45/234/2013, 7 May 2013
12	Plantation Business Permit (IUP) size 12.582 Ha	188.45/339/2008, 29 April 2008
	Extention Plantation Business Permit size 12.582 Ha	188.45/366/2011, 15 September 2011
		188.45/272/2013, 16 May 2013
		188.45/340/2015, 21 May 2015
13	Location permit for area 3,068 Ha	188.45/273/2013, 16 May 2013
14	Plantation Business Permit (IUP) size 3,424 Ha	188.45/522/2012, 18 December 2012
15	Wood utilization permit / Izin Pemanfaatan Kayu (IPK)	522.2/796/HUTBUN III, 04 June 2014



Figure 1 Location of PT. Harisa Agro Lestari (Central Kalimantan) in Indonesia Country



Figure 2. Location of PT. Harisa Agro Lestari in Central Kalimantan province

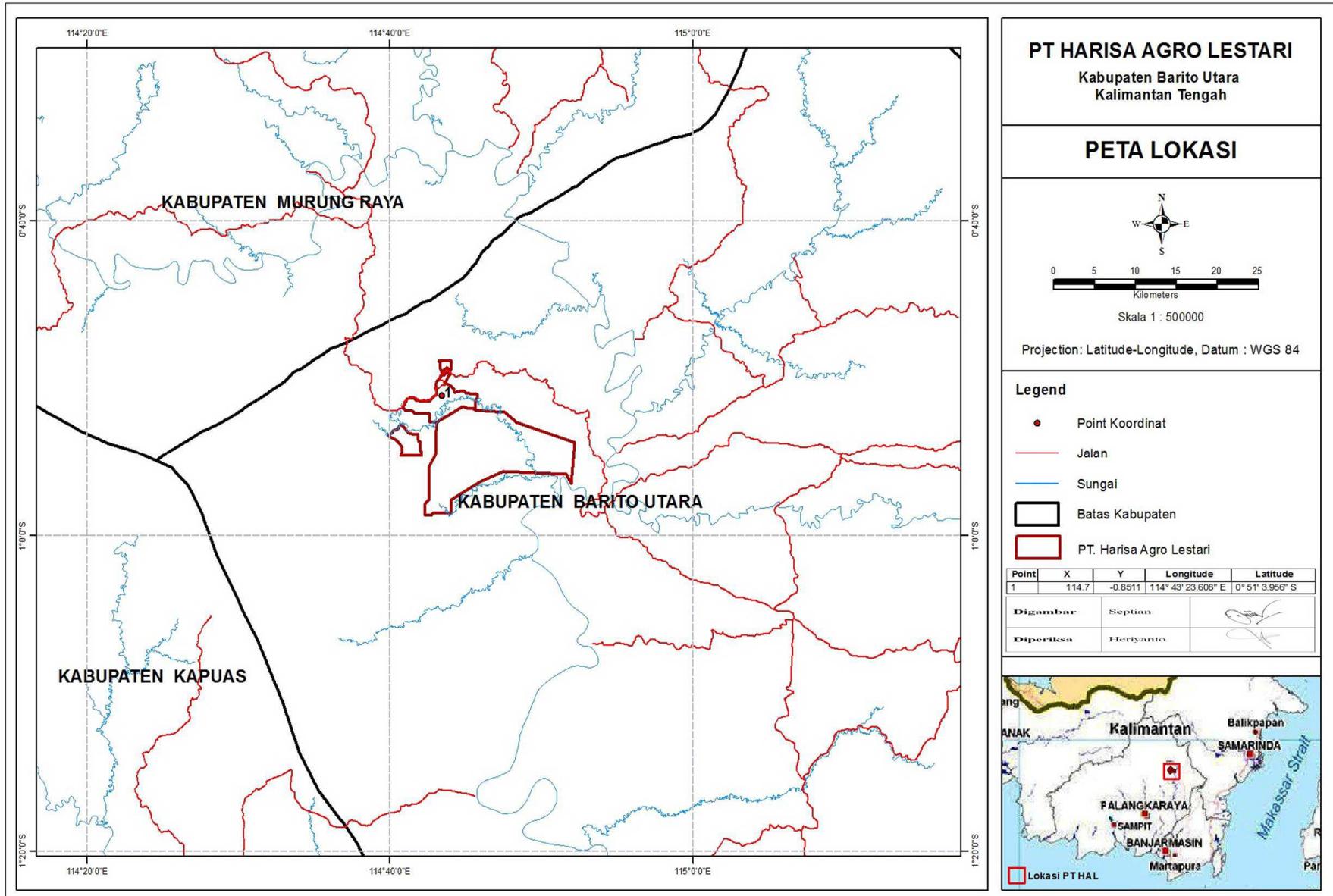


Figure 3 Location of PT. Harisa Agro Lestari in District of Barito Utara

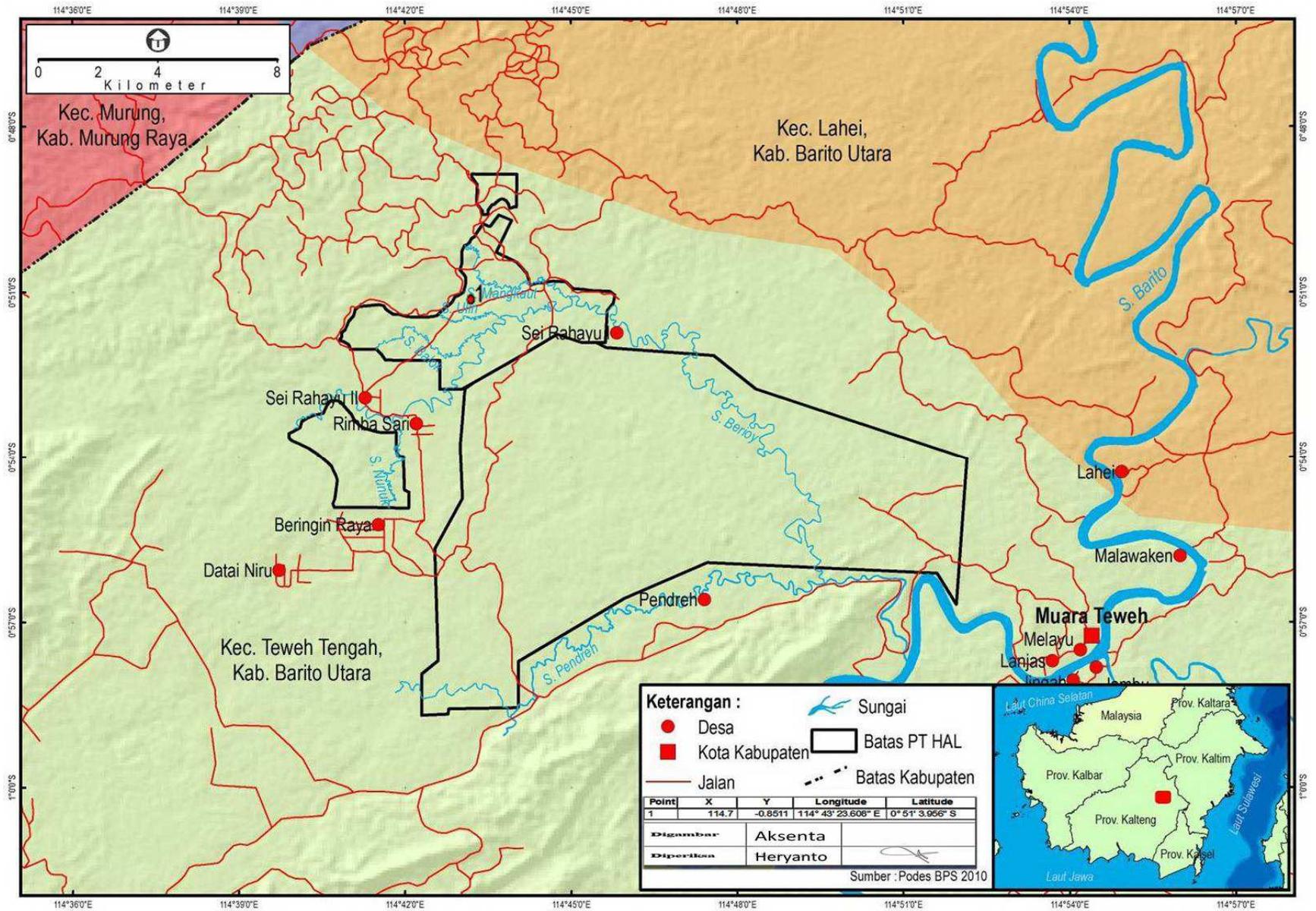


Figure 4 Location of PT Harisa Agro Lestari (Central Kalimantan) and Surrounding Entities

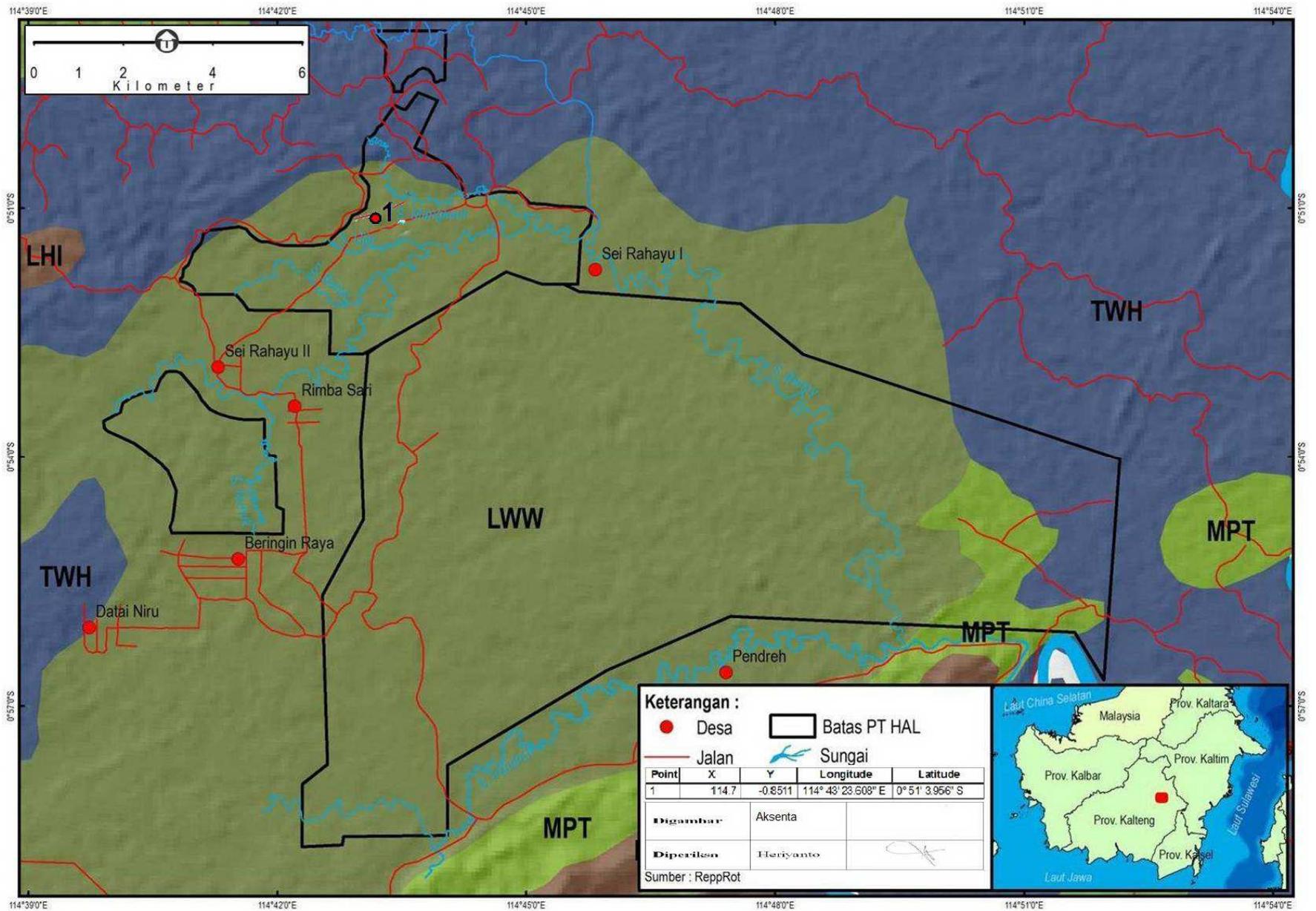


Figure 5 Land Suitability PT Harisa Agro Lestari

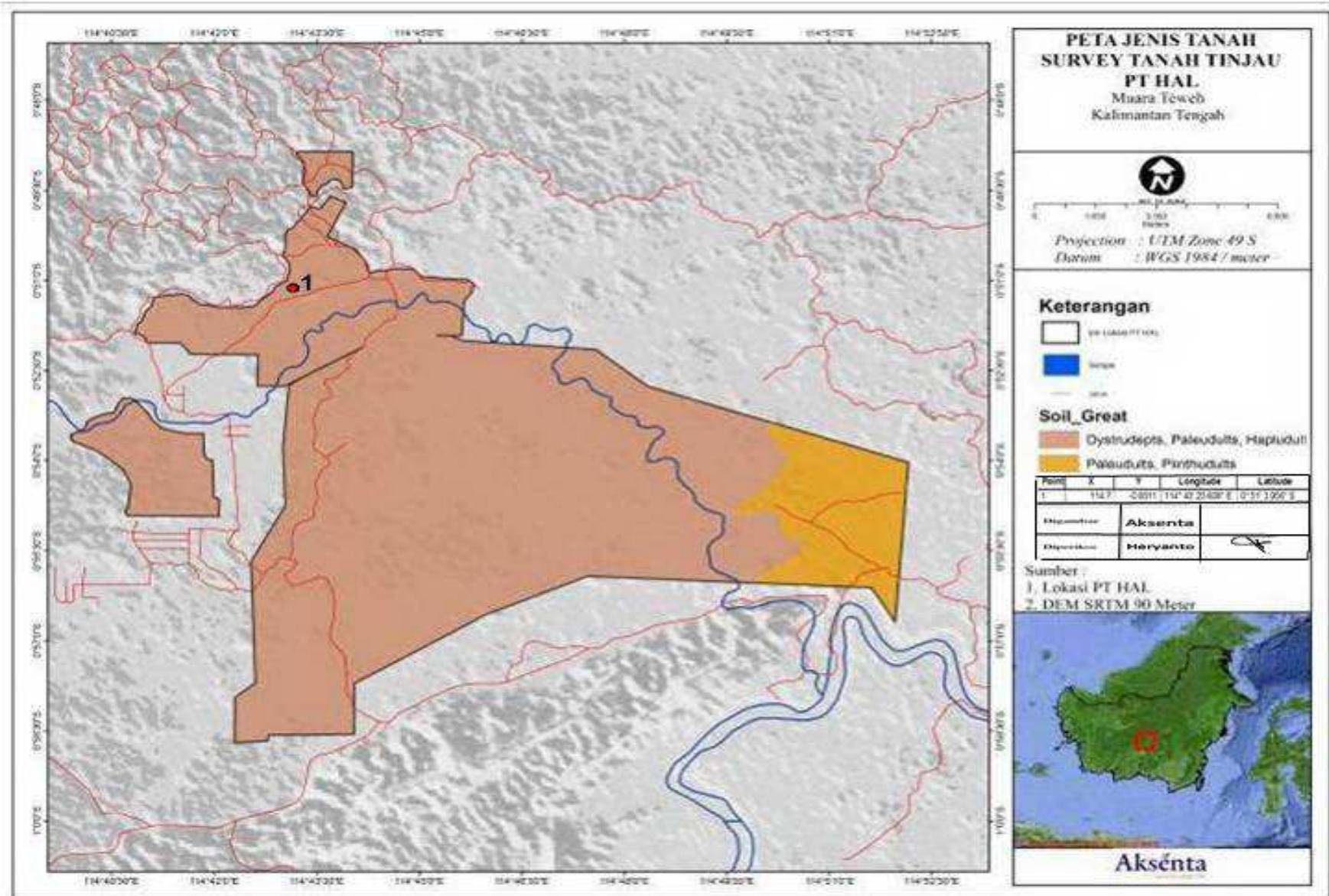


Figure 6 Soil type of PT Harisa Agro Lestari

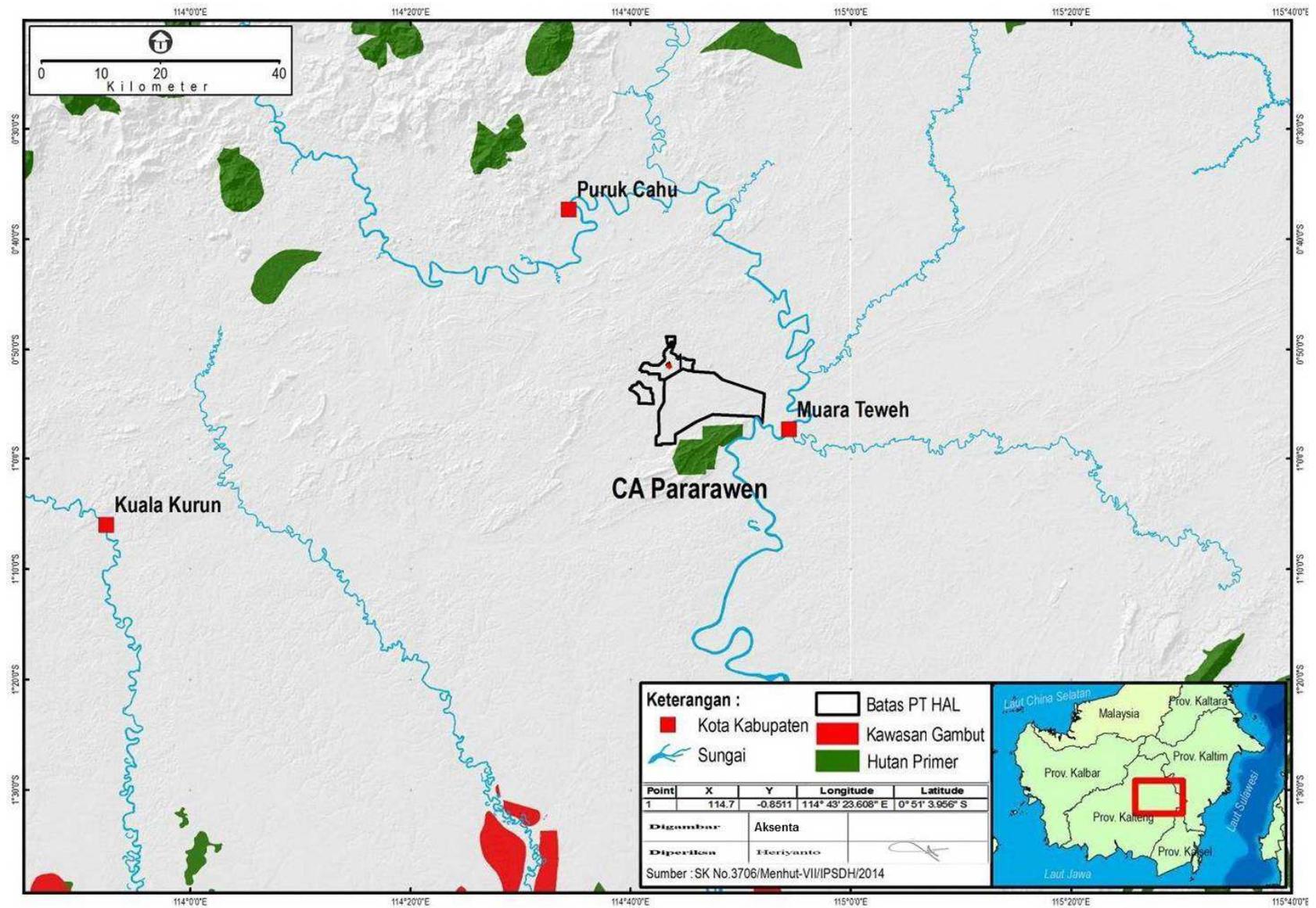


Figure 7. Indicative Map on Moratorium of new concession permit for Forest Use and Utilization (Revision VI), SK Menhut No. 3706/Menhut-VII/IPSDH/2014, dated on 13 May 2014

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Area of New Plantings and Time-plan for New Plantings

The new planting area of PT HAL is in its Location Permit, the proposed new planting is scheduled for 2015-2020. In accordance with the operational management data of PT HAL, which consists of the total estimated new planting area is $\pm 9,541.90$ ha, comprised of $\pm 7,250.22$ ha plantable area of nucleus / estates, $\pm 1,910.00$ ha for smallholders scheme, ± 381.68 ha for infrastructure & emplacement, $\pm 2,157.10$ Ha for HCV or conservation area and balance area $\pm 3,951.00$ ha is unplanted (others). The proposed new plantings are with no any primary forest, no any peat lands and no HCV area being planted.

The process of land development and palm oil planting will follow the procedures of RSPO New Planting Procedures (NPP). Undertaken activities are land acquisition or compensation to the land owners and as addition activity is socialization of plantation development plan or Free Prior and Informed Consent (FPIC). After the New Planting Procedures has been approved by RSPO, land clearing and planting will commence in 2015 as shown in Table 2.

In order to contribute some income for the local community and to maintain harmonious relationship with the local community, the development of plasma plantation at least 20% from total of plantable area is a requirement under Central Kalimantan Provincial rules No. 5/2011 with regards to Development of Sustainable Plantation and Agriculture Minister regulation No.98/2013 with regards to Guidance for Plantation Business Permit. The development of smallholders scheme would be at same stages with land clearance of PT HAL's nucleus estate as mutually agreed by both parties i.e. PT HAL's and communities.

Table 2 Time plan for New Planting in PT HAL

Estimate Develop Area (\pm Ha)				HCV Area (\pm Ha)	Others/ Unplanted Area (\pm Ha)	Total Location Permit (\pm Ha)
Nucleus	Smallholders	Infrastructure & Emplacement	Total Develop			
7,250.22	1,910.00	381.68	9,541.90	2,157.10	3,951.00	15,650

Years of Develop

Proposed	Years of Develop						Total
	2015	2016	2017	2018	2019	2020	
Nucleus	642.51	1104.53	954.09	1331.98	1475.63	2003.16	7,511.90
Smallholders	-	-	586.45	776.46	547.09	-	1,910.00
Total	642.51	1,104.53	1,540.54	2,108.44	2,022.72	2,003.16	9,421.90

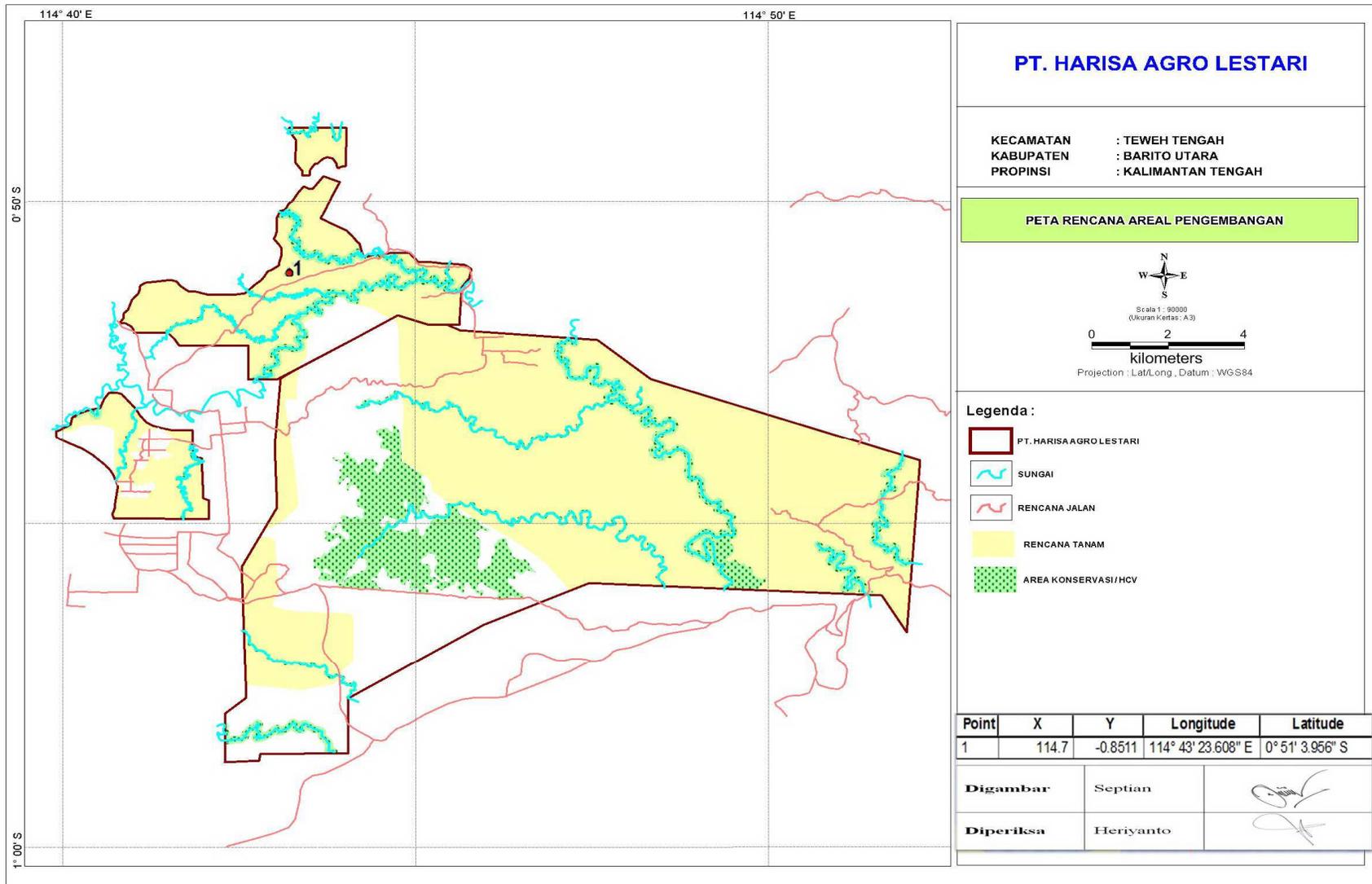


Figure 8. Development Plan of oil palm & HCV Map of PT HAL

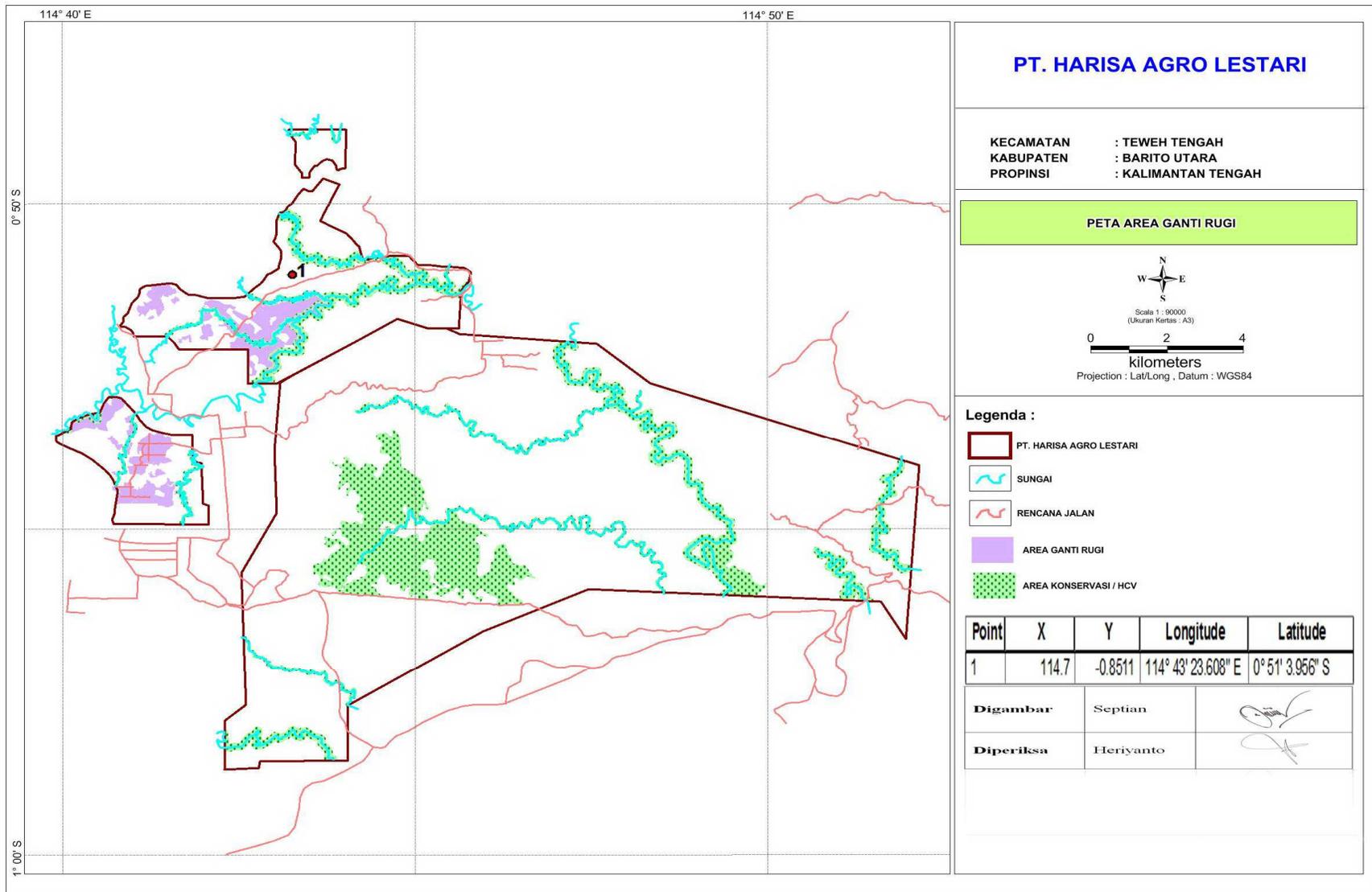


Figure 8. Land Compensation Map of PT HAL

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3. SEIA and HCV Management and Key Personnel

Organizational information and contact person:

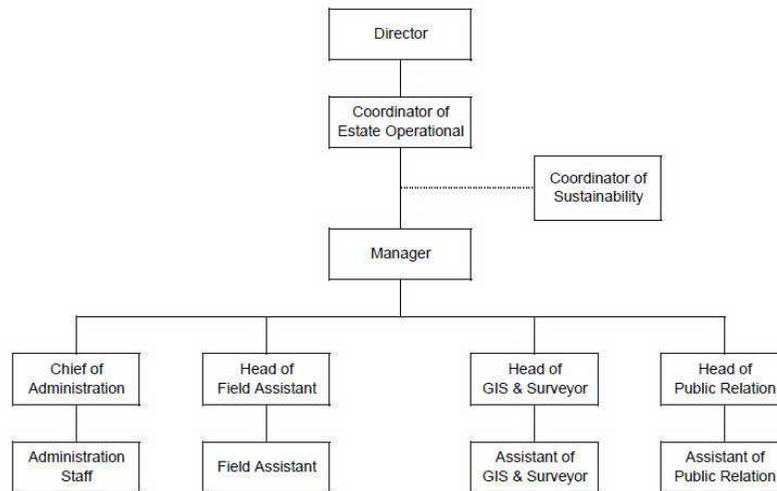
Profile	Information
Company name	PT Harisa Agro Lestari
Deed of Establishment	No. 238, dated on 27 July 2007 Notary Linda Kenari SH MH.
Type of Business	Oil Palm Plantation & Processing
RSPO membership number	1-0186-15-000-00
Location	Desa Sei Rahayu I, Sei Rahayu II, Rimba Sari, Beringin Raya, Datai Nirui dan Desa Pendreh, Kecamatan Teweh Tengah, Kabupaten Barito Utara, Provinsi Kalimantan Tengah.
Area	Location Permit No 188.45/218/2012 (size 12,582 ha Location Permit No. 188.45/273/2013 (size 3,068 ha)
Administrative Address	Desa Rimba Sari RT 03 Kecamatan Teweh Tengah Kabupaten Barito Utara, Propinsi Kalimantan Tengah, Indonesia.
Contact Person	Dita Galina Sustainability@indhal.com
GPS Reference	0°48'51.30"-0°58'42.87"S, 114°39'53.45"- 114°52'11.83" E
Its surrounding entities	The northern side of PT HAL concession borders the main road of PT Multi Persada Gatra Megah and PT Satria Abdi Lestari. The eastern side of PT HAL borders Barito river ; the southern side of PT HAL borders IUPHHK PT. Joloi Mosak and the western side of PT HAL borders IUPHHK PT. Bina Multi Alam Lestari.

Personnel involved in planning and implementation

1. Johnson (Coordinator of Estate operational)
2. Baso Arsadi (Head of field assistant) and its Field Assisstant
3. Dita Galina Environment Division / Sustainability Coordinator
4. Dadang Kurnia (Sustainability)
5. Abidin (Public Relation/Legal Compliance)
6. Heriyanto (GIS & Surveyor)
7. Septian (GIS)

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The NPP management chart of PT HAL



Stakeholders involved during implementation

1. Government (Natural Resource Conservation Department-BKSDA, The Plantation Office)
2. Local government representatives (at Kabupaten, Kecamatan and Village level): PEH Seksi Wilayah III, BKSDA, Muara Teweh Dishubkominfo Kab Barito Utara, Dishutbun Kab Barito Utara, Diskes Kab Barito Utara, BLH Kab Barito Utara, Disnakertrans Kab Barito Utara, Badan Perencanaan Pembangunan Daerah Kab Barito Utara, Badan Pemberdayaan Masyarakat dan Desa Kab Barito Utara, Bagian Hukum SETDA Kab Barito Utara, Bagian Administrasi Perkenomian dan SDA SETDA Kab Barito Utara, Badan Kesatuan Bangsa, Politik, dan Perlindungan Masyarakat Kab Barito Utara, Camat Teweh Tengah, Dinas PU Kab Barito Utara, representative of Teweh Sub District, The head of Beringin Raya village, The head of Rimba Sari village, The head of Sei Rahayu I Village, The head of Sei Rahayu II Village, The head of Datai Nirui village, The head of Pendreh village.
3. Local community leaders: BPD, Ketua Adat, The Representative of Pendreh Village.
4. Local NGO: LSM NCW, LSM Seribu Riam.
5. Company employees and their representatives.

Public consultation is a form of meeting with the key stakeholders in the area of assessment, such as surrounding community (local government, local community), government reGENCY, the relevant environmental institution, the relevant Non-governmental Organization and the

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other companies operating around the concession of PT HAL.

The main objectives of this meeting are as follow:

- (i) To inform the findings and the results of analysis from field visit by HCV & Social assessment team,
- (ii) To obtain additional data and information and clarification from the filed visit result
- (iii) To collect feedback/inputs for reporting purposes and developing management & monitoring plan.

From public consultation process, company would obtain additional data and information necessary for HCV & social assessment, such as the presence of HCV elements and attributes, the status/latest conditions of HCV elements and attributes, threats to the HCV area and HCV elements and attributes, clarifications and revisions of the findings from HCV assessments and inputs/feedback for HCV protection and management, livelihood, local communities, culture and tradition of local communities.

Tabulated below is the result from public consultation conducted on 25 May 2015 in Muara Teweh, which was attended by the representative of villagers, local government, NGOs (total attendees 25 persons).

Table 3. The Minutes of Public Consultation

No	Name	Institution	Comments
1	Supriadi	Key person in Pendreh village	<ul style="list-style-type: none">- Provide information on the name of Barioi and Balo Rivers.- Provide explanation that Bomban River empties into Pendreh River.- Sempayang River has not identified yet.
2	Subrata	The head of Beringin Raya village	<ul style="list-style-type: none">- Provide information that the headwaters of Bomban River is located in Beringin Raya village- PT Bimal mulai has started its operation since 2003- The community has started catfish breeding since 2012- There is sacred grave named Datai Orai located between Km. 52 and Sei Rahayu I Village.- During rainy season Lunuk River will be flooded, and during dry season the river will dry. Due to this situation, the river water always in a bad condition and the community only counts on the water from the wall.- In the forest area, community still make use of Jelutung and Karayang Woods for customary events, hence the remaining forest need to be protected.- Community exploits the forest to find traditional medicine.

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No	Name	Institution	Comments
3	Kurnadi Santoso	The head of Rimba Sari village	<ul style="list-style-type: none"> - Community exploits Barioi River as a source of water for consumption - The operational activity of PT HAL most likely will impact Barioi River, the management is expected to develop a strategy that will enable community to have access to clean water.
4	Iwan Setiawan	Aksenta	Aksenta will provide recommendations for PT HAL regarding environment management, implementation of BMP in buffer zone area and potentially eroded area; these are to minimize the impact from the company's activity.
5	Ating J	The Representative of Pendreh Village	<ul style="list-style-type: none"> - Rapen River flows to the area of PT SAL, and borders Pandreh Village and Lanjas. - Community reacts positively towards the development of PT HAL oil palm plantation. - PT HAL to pays attention on social and cultural issues occur within the community.
6	Suharto Hartono	The head of Sei Rahayu I Village	PT HAL to pays attention on the activities around Suatu River, because the water condition in Suatu River is very bad.
7	Parto	The head of Sei Rahayu II Village	<ul style="list-style-type: none"> - Clean water is the common issue in Sei Rahayu II Village - Community shows positive reactions towards the presence of PT HAL, because according to them PT HAL would have positive impact to the community, either directly or indirectly.
8	Suryono	PJ Kades Datai Nirui	<ul style="list-style-type: none"> - Datai Nirui community highly support the presence of PT HAL - Datai Nirui community exploits Sambomban River, in which the river is dried during dry season. - Community hopes that PT HAL provide direct or indirect access to Pendreh River.
9	Imam Wicaksana	PEH Seksi Wilayah III, BKSDA, Muara Teweh	<ul style="list-style-type: none"> - Explanation on data retrieval method. - Bekantan requires area as far as 100 – 300 m from the river side; company should consider the potential area for Bekantan Habitat. - Asked whether the identified HCV area has a corridor to CA Pararawein?
10	Iwan Setiawan	Aksenta	<ul style="list-style-type: none"> - The method used is Rapid Assessment. Details relevant to Bekantan population are not produced by this survey. - Corridor between HCV 1 identified with Cagar Alam Pararawein has disconnected due to mining road passing from the west to the east and disconnected due to the flows of Pendreg River. - To consider the importance of Bekantan habitat inside PT HAL concession.

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Summary of Management and Mitigation Plans (SEIA)

PT HAL has developed the plans for the conservation impacts and social impacts as the operational efforts on social and conservation mitigation. The social development and preparation of management & monitoring plans for PT HAL was mainly based on SEIA and the Social Impact Assessment, in principle, referred to the related laws in Indonesia.

The Management and Mitigation Plan as per SIA Assessment and AMDAL document of PT HAL is described as following:

- Social management should be oriented towards the management and mitigation of social matters involving the local communities. Efforts to manage these social matters to answer the needs of the community include the management and development of cooperatives and farmers Plasma Scheme, increase revenue and stability of income
- Develop appealing and advantaging compensation scheme and partnership scheme to local community
- Develop a comprehensive socialization material
- Form Public Relation task force to build *humas* working team and exploits the competent personnel.
- Develop communication strategy and effective approach based on stakeholder identification
- Implement FPIC principal in communicating and partnering with community.

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Table Summary of Management and Mitigation Plans (SEIA)

No	Program	Management Objective	Management & Mitigation Plan Activity	Time	PIC
I.	Strengthening of the communication and social relationship with the local communities	Local communities will receive concise and complete information on the company's land clearing plan	<ul style="list-style-type: none"> - Develop a SOP on communication and information sharing with outside party - Conduct socialisation and develop relationship with local communities to create mutual trust by building relationship with community leaders - Document all socialisation activities and meeting with the communities - Conduct evaluation on the socialisation activities and continuous improve to ensure the implementation of FPIC principles 	2015 Continuously	Estate Manager Public Relation
		Creation of a harmonious relationship between company and local communities	<ul style="list-style-type: none"> - Conduct stakeholder mapping, including identifying the actors and measuring the magnitude of the stakeholder's interest - Conduct a periodical meeting with stakeholder to strengthen communication - Approach parties that have yet to favorably receive the presence of the company or the industry as a whole. The approach can be direct or indirect, formal or informal. 	2015 Continuously	Estate Manager Public Relation
		No disturbances to the company's operations	Generate job opportunities for the local communities in accordance to their skills and abilities. Increase the company active participation in the activities initiated by the local communities (social, religious, cultural and sport events)	2015 Continuously	Estate Manager Public Relation
2.	Development CD/CSR Programme	Provide social benefits to the communities in the project area	<ul style="list-style-type: none"> - Prepare a CD/CSR programme tailored to the needs of the local communities, through thorough social surveys conducted by dedicated personnel. - Conduct partnership with the related institution in building the needed basic infrastructure (economic, transport, 	2015 Continuously	Coordinator of Estate Operational Estate Manager Head Field Assistant

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No	Program	Management Objective	Management & Mitigation Plan Activity	Time	PIC
			<p>education, and health) as allowed by the company's finances</p> <ul style="list-style-type: none"> - Harmonize the company's aid programs with the local government or other parties' work plans - Evaluate the CSR programs and improve them according to the needs and conditions of local communities, general social climate as well as the company's growth 		Public Relation
3.	Land acquisition and community land development.	Land compensation is going according to FPIC principles and land acquisition should also receive community approval	<ul style="list-style-type: none"> - Inventory of community land ownership - Survey with the related parties in definite delineation of land ownership for acquisition purpose. - Create a land acquisition agreement with the respective legal owner of the land without any pressure or coercion. - Related parties or government authorities should be involved to solve any problematic land acquisition. 	2015 Continuously	Estate Manager Public Relation GIS/Surveyor
The land acquired for plantation and mill are free from claim and conflict.		<ul style="list-style-type: none"> - Conduct verification and inventarization on land owner/cultivator of land that will be compensated. - Develop boundary map with land owner in participative manner. - Develop map for land that has been compensated. - Document all land compensation activities and land transfer. 	2015 Continuously	Estate Manager Public Relation GIS/Surveyor	
Develop community land / smallholdings (<i>plasma</i>).		<ul style="list-style-type: none"> - Develop policy / SOP on plantation for smallholdings (<i>plasma</i>) / partnership. - Socialization to surrounding community for understanding company's intention to develop smallholdings (<i>plasma</i>) (including benefits or consequences on the schemes offered by company and other terms) - Land inventarization. 	2017 Continuously	Coordinator of Estate Operational Estate Manager Head Field Assistant Public Relation	

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No	Program	Management Objective	Management & Mitigation Plan Activity	Time	PIC
			<ul style="list-style-type: none"> - Educate community on not selling their rights for smallholdings (<i>plasma</i>) to other parties. - Coordinate and consult with related party (Local Government of Barito Utara) - Document all the activity. 		
		Form a good institutional smallholdings (<i>plasma</i>) cooperative (structure, process and management) and in accordance with the cooperative principles.	<ul style="list-style-type: none"> - Facilitate formation of cooperative. - Facilitate technical mentoring and management for the formation of smallholdings (<i>plasma</i>) cooperative.. - Facilitate basic training on cooperative management to all cooperative manager. - Facilitate strengthening of cooperative institutional. - Facilitate comparative study for cooperative manager and selected cooperative member with other similiar cooperative. - Drafting MOU for cooperative partnership with company. - Educate smallholdings (<i>plasma</i>)member not to sell the land/rights on smallholdings (<i>plasma</i>) to other parties. 	2017 Continuously	Coordinator of Estate Operational Estate Manager Head Field Assistant Public Relation
4	Employment opportunities	Ensure that local communities are given fair access to work opportunities in the project.	<ul style="list-style-type: none"> - Collect data on the current means of livelihood - Provide information on the job opportunities and qualifications required. - Ensure announcements on the job opportunities are easily accessible to all - Give priority to members of local communities in filling available job vacancies in accordance with the qualifications or skills that they have. - Provide training to new workers to equip them with the competency to fulfill their job requirements. 	Continuously	Estate Manager Public Relation

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No	Program	Management Objective	Management & Mitigation Plan Activity	Time	PIC
	Engagement on communication and social relations with all workers	To develop a good relations and communications	Develop workers union Holding periodical meeting that involves workers participated in the union Holding an event that involves the workers	2016 Continuously	Estate Manager Head Field Assistant Public Relation
	Improvement on workers' welfare	The fulfillment of workers normative right	Conduct socialization on normative rights, especially on wages and health insurance to the workers. Conduct socialization on employment's policy and procedure.	Estate	Estate Manager Field Assistant Public Relation
		Provide workers facilities	<ul style="list-style-type: none"> - Provide housing and other facilities to workers. - Provide access to clean waters to workers's house. - Provide health facility (clinic) and religion facility to workers - Provide training or sosialization on proper care and maintenance of housing and other supporting facilities, maintaining clean environment, housekeeping, zero burning and conservation of natural resources. 	2016 Continuously	Coordinator of Estate Operational Estate Manager Head Field Assistant
	Air Pollution	Minimized the negative impact and maintain the quality in the range of standard/regulation.	<ul style="list-style-type: none"> - All vehicles should pass the emission gas test. - Avoid pressing the horn on the road of villages. - Training the drivers for all vehicles of the project, to reduce the air dust. 	Continuously	Estate Manager Head Field Assistant Field Assistant Sustainability Team
	Sound Pollution	Minimized the negative impact and maintain the quality in the range of standard/regulation.	<ul style="list-style-type: none"> - All vehicles should pass the emission gas test. - Avoid pressing the horn on the road of villages. - Training the drivers for all vehicles of the project, to reduce the air dust. 	Continuously	Estate Manager Head Field Assistant Field Assistant Sustainability Team
	Water quality	Maintain the water around the area of project from the negative impact of operational and keep the water surface	<ul style="list-style-type: none"> - Proper management of domestic and scheduled waste. - Routine quality monitoring of waste water discharged into rivers. 	Continuously	Estate Manager Head field Assistant Field Assistant

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No	Program	Management Objective	Management & Mitigation Plan Activity	Time	PIC
		base on government standart (PP No. 82/2001)	<ul style="list-style-type: none"> - Monitoring the water quality rivers - Socialize the management of the riparian areas with local community and village official. 		Sustainability Team
	Waste liquid	There is no pollution to the rivers from the waste, as it is already processed and according to the waste standard.	<ul style="list-style-type: none"> - Routine quality monitoring of waste water discharged into rivers. - Monitoring the water quality rivers - Socialize the management of the riparian areas with local community and village official. - Maintain the water river flow, not changing the direction. 	Continuously	Estate Manager Head Field Assistant Field Assistant Sustainability Team
	Licenses	<ul style="list-style-type: none"> - Forest Realese - Land Title (HGU) 	Public Relation will coordinate with Environment and Forestry Ministry (Kemetrianlingkunganhidupdankehutanan RI) regarding forest release and with BPN RI for issuing of HGU		Estate Manager Public Relation

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Summary of Management and Mitigation Plans (HCV)

The value of HCV must be protected from the threats that could potentially minimize or dismiss such value. The main threat includes the change of land covers by the community as well as the company. Socialization and control are necessary to be implemented to company workers and the surrounding community.

Based on HCV assessment recommendations:

1. Mapping and delineation of HCV area in the location permit of PT HAL. This must be documented in the minutes of meeting of the delineation of HCV Area.
2. To declare HCV area that has been delineated and to map such area in the official HCV map of PT HAL.
3. To install the boundary of HCV area permanently.
4. Develop a management plan and monitoring HCV.
5. To inform the existence of HCV area in the concession indicated boundary of HCV area, the function and value of HCV area to the company workers and community.
6. Rehabilitation of buffer zone area and degraded river with vegetative approach.
7. No land conversion in the area that consists of *Pusik* (pohon madu) or old grave.

From the recommendation above, PT HAL has development management & monitoring plan for enhance & maintenance of HCV value the scope management & mitigation plan covers:

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Table Summary of Management and Mitigation Plan (HCV)

No	Program	Target of Program	Baseline	Management & Mitigation Activity			
				Activity	Location	Time	PIC
1	Endorsement of HCV area	HCV area and its boundaries are known and respected by all parties; either external (community, government) or internal (company's worker, contractor's worker, community in plantations)	HCV area have been identified and mapped out, however the boundaries in the field have not been assigned and marked. Therefore prone to disturbance and land clearing (hunting, encroachment, logging and land clearing)	HCV area boundaries are verified and deliniated in the field, including river tracking and map out HCV definitive map.	All HCV area assigned by company.	Before land clearing, in tandem with plantation development plan.	Estate Manager Sustainability Team GIS/Surveyor
				HCV declaration by company to protect and manage HCV, assign HCV area as an inseparable part of plantation and mill development and management.	All HCV area assigned by company.	Before certification audit.	Estate Manager Head Field Assistant Field Assistant Sustainability Team
				Install boundary signage in HCV area.	Along the boundary of HCV area	2015 Continuously	Estate Manager Sustainability Team GIS/Surveyor
				Installation of HCV signboard: announcement, warning, prohibition.	Locations used as access points by workers and communities.	2015 Continuously	Estate Manager Head Field Assistant Field Assistant Sustainability Team
2	Socialization and awarness	All parties understand HCV area presence inside company's operational area and support company's commitment to protect and maintain HCV area and its key element.	Key stakeholders have not acknowledged the presence of HCV area inside company's operational area. This is a potential obstacle in achieving HCV protection and management target.	Socialization and HCV awarenes to workers, staff, community in plantations and contractor's workers: periodic meeting with workers and community in plantations, briefing to new workers, contractor and its workers.	Plantation area	2015 Continuously	Estate Manager Head Field Assistant Field Assistant Sustainability Team
				Socialization and HCV awarenes to surrounding community: explanation on HCV presence and importance of its protection,.	Villages:Pendre h, Datai Nirui, Beringin Jaya, Rimba Sari, Sei	2015 Continuously	Estate Manager Sustainability Team Public Relation

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No	Program	Target of Program	Baseline	Management & Mitigation Activity			
				Activity	Location	Time	PIC
					rahayu I dan Sei Rahayu II		
				Socialization or consultation with government agency: Dinas Perkebunan dan Kehutanan, BKSDA, BP DAS	Relevant government agency office (Muara Teweh)	2015 Continuously	Sustainability Team Public Relation
3	Collaboration	HCV protection and management program are fully supported and actively involving external key stakeholders: community and government agency.	Key stakeholders (surrounding community and government) have not acknowledged the presence of HCV area inside company's operational area to local community, environment balance, and preservation of protected fauna flora. Protection of HCV area can not only be done by company, but have to involve key stakeholders, especially surrounding community and government.	Collaborate with villages community Pendreh, Datai Nirui, Beringin Jaya, Rimba Sari, Sei rahayu I dan Sei Rahayu II. Protection from hunting by external party, protection and management of riparian river in sustainable manner, facilitate village regulation on management and protection of river.	Plantation office, villages surrounding plantation.	2016 Continuously	Sustainability Team Public Relation
				Collaborate with government agency: BLH (protection of important water catchment area and clean water sources to surrounding community), Dinas Kehutanan (protection of protected forest inside company's operational area), BKSDA (protection of protected species and habitat for wildlife refuge)		2016 Continuously	Sustainability Team Public Relation
4	Threat mitigation	HCV area and its key element are safe from any form of threat to its sustainability	At the time of HCV Assessment it is concluded that HCV is threatened by surrounding community's activities namely land clearing for farming especially in riparian river; wildlife exploitation; and timber extraction. Potential	Dedicated personnel to ensure land clearing activity (land clearing, heavy machineries) do not breach HCV boundaries area.		2015	Estate Manager Head Field Assistant Field Assistant Sustainability Team GIS/Surveyor
				Installation of domestic waste disposal (workers housing and office): not directly dispose to river.	Plantation area	At the time of infrastructure development	Estate Manager Head Field Assistant Field Assistant

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No	Program	Target of Program	Baseline	Management & Mitigation Activity			
				Activity	Location	Time	PIC
			threat from plantation and palmoil mill development, and from policy and regional development plan or regulations (e.g. PP No. 4/2010 which categorize uncultivated / unplanted land as abandoned land (<i>tanah terlantar</i>) which has to be returned to government and issuance of land clearing permit by government.	Create regulation that prohibits company's workers, contractor's workers, community in plantation to hunt, especially HCV key species (key species table in HCV assessment report)		2015 (Before land clearing)	Coordinator of Estate Operational Estate Manager Sustainability Team
				Give strict sanction to company's workers, contractor's workers, contractor for the breach of policy, procedure and regulation on HCV protection.		When there is breach	Coordinator of Estate Operational Estate Manager Head Field Assistant Field Assistant
				Develop collaboration program with government agency for protection, management, and or sustainable utilization of resources in HCV area (wildlife, water, non timber forest products) to ensure HCV area is protected in long term and not categorized as abandoned land (<i>tanah terlantar</i>)		2015-2017	Estate Manager Head Field Assistant Sustainability Team Public Relation
				Restoration of degraded areas by replanting of native trees, especially in the open river riparian.	Prioritized river riparian	2015-2017	Estate Manager Head Field Assistant Sustainability Team
5	Management Unit capacity increase	Management Unit will obtain basic knowledge and skill in the protection, management and monitoring of HCV area	Management Unit lack the capacity in protecting, managing, and monitoring HCV. The lack of capacity includes: human resources capacity, institutional capacity (policy, procedure, organization),	Recruit staffs who will handle the protection, management and monitoring of HCV area		2015	Coordinator of Estate Operational Estate Manager
				Hold trainings on management and monitoring of HCV area, plant and animal identification, erosion measurement, river water flow measurement, HCV monitoring and HCV system management		As soon as staffs are recruited	Coordinator of Estate Operational Estate Manager

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No	Program	Target of Program	Baseline	Management & Mitigation Activity			
				Activity	Location	Time	PIC
			and infrastructural capacity	Form a task force to ensure the effective implementation of protection, management and monitoring of HCV area and to ensure the completion of all targets		2015	Coordinator of Estate Operational Estate Manager Sustainability Team
				Create a policy and procedure on HCV management		2015	Coordinator of Estate Operational Sustainability Team
				Ensure that the policies and procedures on estate and mill development and management take HCV protection into consideration. For example: land clearing (No land clearing in HCV area as well as effort to prevent wildlives from being trapped inside the cleared area), chemical application, waste management (mill waste, estate waste, household waste)		2015 Continuously	Coordinator of Estate Operational Estate Manager Head Field Assistant Field Assistant
6	HCV Peer Review	Enhance HCV Identification and Improvement of Management & Monitoring Program		Sustainability team will coordinate with third party expertise including universities to conduct on peer review		2015	Coordinator of Operational Estate Estate Manager Coordinator of Sustainability

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5. Internal Responsibility

This Summary of Planning and Management has been approved by the management of PT Harisa Agro Lestari, 3rd July 2015.



Jonson
Coordinator of Estate Operational
Dated on: 3 July 2015



Dita Galina
Coordinator of Sustainability
Dated on: 3 July 2015

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Abbreviation

ALS	: Assessor Licensing Scheme
AMDAL	: Analisis Mengenai Dampak Lingkungan
APL	: Areal Penggunaan Lain
BKSDA	: Balai Konservasi Sumber Daya Alam
BPN	: Badan Pertanahan Nasional
CD/CSR	: Community Development/Corporate Social Responsibility
FPIC	: Free Prior and Informed Consent
GHG	: Green House Gas
HAL	: Harisa Agro Lestari
HCV	: High Conservation Value
HGU	: Hak Guna Usaha
HP	: Hutan Produksi
HPK	: Hutan Produksi Konversi
IPK	: Izin Pemanfaatan Kayu
IUP	: Izin Usaha Perkebunan
IUPHHK	: Izin Usaha Pemanfaatan Hasil Hutan Kayu
LSM	: Lembaga Swadaya Masyarakat
LUCA	: Land Use Change Analysis
NCW	: National Corruption Watch
NGO	: Non Government Organization
PIC	: Person in Charge
RSPO	: Roundtable on Sustainable Palm Oil
SEIA	: Social Environment Impact Assessment
SIA	: Social Impact Assessment
SIUP	: Surat Izin Usaha Perdagangan
SOP	: Standard Operational Procedures
TDP	: Tanda Daftar Perusahaan