PT **ASTRA AGRO LESTARI** TBK

Prosper with the Nation

PROGRESS REPORT ON **SUSTAINABILITY**

SECOND QUARTER UPDATE



2024

Introduction

As part of our commitment to advancing sustainability, we are progressing with the implementation of our 5-Year Action Plan (https://www.astra-agro.co.id/wp-content/uploads/2022/02/ActionPlan_2022-1.pdf) and Sustainability Aspiration in Q2 2024. A key aspect of this effort is our collaboration with local communities through targeted empowerment programs. Details of activities to achieve our targets are outlined in the following chapters.

In response to the allegations from Friend of the Earth (FoE) against three of Astra Agro Lestari's subsidiaries—PT Agro Nusa Abadi, PT Mamuang, and PT Lestari Tani Teladan—we have made significant progress in addressing these concerns. For detailed updates and to review our ongoing efforts is accessible through the following link: https://www.astra-agro.co.id/en/statements/

HCV ASSESSMENT

Milestones HCV Assessment by 2024

Continuing the HCV assessment progress, in Q2 2024, there are four subsidiaries currently at the Pre-Assessment stage, and three subsidiaries advancing to the Full Assessment stage, making a total of five subsidiaries in the Full Assessment stage. Additionally, two subsidiaries in the Scoping Study stage are still undergoing the process in this quarter.

HCV Assessment Planning for 2024 and Its Progress

Stage	Number of PT (s)		
	Target 2024	Realization Q1 2024	Realization Q2 2024
Pre-Assessment	8	7	4
Scoping Study	2	2	2
Full Assessment	3	2	5
Public Consultation	3	-	-
Completion of Assessment	6	-	-

REHABILITATION PROGRAM

Tree Planting

The Company continued its efforts in environmental management including riparian protection, enriching forested areas, reforesting residential areas, and working together with the surrounding communities in rehabilitating mangrove areas. In the second quarter, the Company planted 6,158 trees in an area of 22.97 hectares. Thus, by the end of the first semester of 2024, a total of 19,893 trees have been planted in Sumatra, Kalimantan, and Sulawesi covering an area of 50.31 hectares. These planting efforts include a variety of forest trees, fruit trees, and mangroves. Details for Q2 are as follows:

Operational areas conducting rehabilitation as of Q2 2024

Operational Area	Rehabilitation Area					
	Riparian		Mangrove		Other Land	
	Trees	Area (ha)	Trees	Area (ha)	Trees	Area (ha)
Aceh (1 PT)					35	0.35
Jambi (1 PT)					80	0.2
Riau (3 PT)	775	4.96			75	0.48
East Kalimantan (3 PT)	500	3.73			230	1.85
Central Kalimantan (3 PT)	3,156	24.31			970	9.09
South Kalimantan (1 PT)					232	1.06
West Sulawesi (5 PT)	341	1.60	10,000	1.00	237	0.66
Central Sulawesi (1 PT)	60	0.29			202	0.73
Total	**4,832**	**34.89**	**10,000**	**1.00**	**2,061**	**14.42**





Commemoration of World Environment Day

Additionally, on June 5, 2024, the Company commemorated World Environment Day by planting trees as a form of the Company's contribution to climate change mitigation efforts carried out in conservation areas, villages and schools around the Company. This initiative is in line with the 2024 theme set by the Ministry of Environment and Forestry (KLHK), which is "Land Restoration, Desertification, and Drought Resilience." By participating in this global commemoration, the Company demonstrates its commitment to environmental management and sustainable practices, and strengthens its role in promoting ecological balance and resilience to climate-related challenges.

Community Based Rehabilitation

The Company involves local communities and stakeholders in its planting initiatives, to ensure sustainability and mutual benefits for the environment and communities living around the area. Community engagement includes activities such as mangrove planting, nurturing and monitoring.

One of the companies in Aceh Singkil Regency, PT Perkebunan Lembah Bhakti (PT PLB), continues its collaboration in rehabilitating mangrove areas by planting mangroves together with the Payau Teluk Bayu Forest Farmer Group—a farmer group assisted by DLH (Environmental Service) Aceh Singkil Regency. This farmer group comes from the surrounding community with livelihoods as fish, crab and *lokan* (shellfish) seekers. Currently, it is in the process of mangrove nursery (seedlings) where the estimated planting will take place in Q3.





Seedling production by Teluk Bayu Mangrove Farmer Group in Aceh Singkil District

On the West side of Sulawesi, continuing the planting in Q1, 2,500 mangroves have been planted or equivalent to 0.25 Ha in collaboration with local communities in nursery, planting, maintenance and insertion. Thus, up to Q2, 10,000 mangroves have been planted, equivalent to 1.00 Ha.

FIRE MANAGEMENT SYSTEM

Rainfall Monitoring

In Q2 2024, monitoring results from BMKG (www.bmkg.go.id) and rainfall measurements via AWS (Automatic Weather System) equipment indicated that most parts of Indonesia are still experiencing rainy season, including Jambi, Central Kalimantan, East Kalimantan, South Kalimantan and Central Sulawesi with rainfall > 100 mm/month from April to June. Conversely, Riau had entered the dry season with rainfall < 100 mm in June. The Company also continues to monitor hotspots and no hotspots were found in the concession area or outside the concession with a radius of 1 Km.

Fire Prevention

The Company's land fire prevention and mitigation system is operating as per emergency readiness procedures. By Q2, internal audits were conducted across 28 subsidiaries to ensure compliance with regulations and fire response readiness. The audit system and SOPs have been validated by Manggala Agni and meet the standard outlines in the Ministry of Agriculture Regulation No. 5 of 2018. As detailed in the previous quarter (please refer to Q2 2022, p. 5), all audits are categorized as green, indicating preparedness for the dry season.



Collaboration Program with Community Cares for Fire (MPA)

In Q2, a new self-sufficient MPA was established in Hulu Sungai Selatan, South Kalimantan. The Ambahai Bawah MPA, consisting of local smallholders, operates in swampy areas where farming becomes challenging due to seasonal flooding and overgrowth during the rainy season, and increased fire risk during the dry season. To mitigate these risks, the Company has collaborated with Ambahai Bawah MPA on fire prevention efforts, including patrols in fire-prone areas and the implementation of water management system in the swamps to allow year-round farming and minimize fire risk. With this addition, the Company now supports a total of 24 self-sufficient MPAs, aligning with the 5-Year Action Plan target.



Fire prevention collaboration and herbicide assistance
to MPA Ambahai Bawah - South Kalimantan

Below are listed some MPA development programs that are carried out in the second quarter, including:

Socialization of Forest and Land Fire (Karhutla) prevention strategy and provision of fire extinguishing facilities to MPA of Paminggir Village, Paminggir District

The Company organized a fire prevention strategy workshop and provided firefighting equipment to the MPA group in Paminggir Village, Paminggir District. The event was attended by the Local Military Commander (Danramil), Village Head, Village Officials, and the District Head. The primary objectives were to educate the community on preventing and managing forest and land fires (Karhutla) and to raise awareness about the upcoming dry season.



Fire Prevention Socialization with TNI in Paminggir Village, South Kalimantan

More information about this program is available here;
https://kalsel.antaranews.com/berita/417369/tbm-astra-agro-dan-masyarakat-peduli-api-sosialisasikan-pencegahan-karhulta

Socialization of Karthula strategy to smallholders and fishermen communities (Daha Utara and Daha Barat)

In preparation for potential forest fires during the 2024 dry season in Daha Barat District, Hulu Sungai Selatan Regency, South Kalimantan, the Emergency Readiness Team conducted a workshop to disseminate strategies for fire prevention and mitigation. The Company continues to collaborate with local communities to protect areas outside the concession from fire threats, working with MPA groups in 10 villages across three districts: Daha Barat, Daha Utara, and Daha Selatan.

These MPAs have been equipped with firefighting tools, including fire extinguishers and pump units. The event was attended by PT SAM's Emergency Response Team, Daha Barat Sub-Sector Police Chief Yunus, Social Welfare Section Head M. Khairuddien Bastian, Village Heads, Village Officials, as well as local smallholders and fishermen.



Socialization of fire prevention strategies for smallholders and fishermen in Daha Utara and Daha Barat

Fire Monitoring in Suppliers' Operation Area

As of the second quarter, through routine spatial monitoring of all FFB and CPO suppliers showed no fire alerts/notifications in their supplier areas.

GHG REDUCTION PROGRAMS

At present, the Nature-based Solutions (NBS) project at PT Pandjiwaringin has received technical data approval for the DRAM from the National Registry System – Ministry of Environment and Forestry. Meanwhile, the DRAM preparation for the project located in Riau is still underway. The Company is also continuing its afforestation and reforestation programs at both locations, using plant species suited to the local ecosystems, such as Ketapang (*Terminalia catappa*), Sengon (*Albizia chinensis*), Sengon Buto (*Enterolobium cyclocarpum*), Mahoni (*Swietenia macrophylla*), Jati Putih (*Gmelina arborea*), Jati (*Tectona grandis*), Meranti Bunga (*Shorea leprosula*), Akasia (*Acacia mangium*), Malapari (*Pongamia pinnata*), Saga Pantai (*Adenanthera pavonina*), Jelutung (*Dyera costulata*), Meranti Rawa (*Shorea macrantha*), and Pulai (*Alstonia scholaris*).

PEATLAND MANAGEMENT

Continuing the research collaboration with experts and researchers from IPB, UNILA, ULM, and BRIN, the project has progressed beyond the installation of research equipment such as towers, research site security fences, storage cabinets, and electrical tools completed in the previous quarter. This quarter, the research collaboration has progressed to the data measurement and recording phase. All measurement equipment has been verified for proper functionality and calibration.

The data measurements for this research include monitoring CO_2 flux emissions in oil palm plantations on peatland using automatic sensors positioned above the palm canopy at a height of 16 meters. Additionally, automatic measurements of CO_2 emissions from the peat soil are conducted. Alongside continuous CO_2 emission measurements, regular observations are made on environmental aspects such as groundwater level fluctuations and peat soil subsidence. These observations aim to understand environmental variations and their impact on greenhouse gas emissions in oil palm plantations, particularly on peatlands.

Ministry of Foreign Affairs visit at PT Kimia Tirta Utama (PT KTU)

Additionally, in Q2, we had the honor of hosting representatives from "Like Minded Countries," in collaboration with IPB University and the Indonesian Ministry of Foreign Affairs. The event, attended by 80 participants—including 36 from 17 countries such as Thailand, Malaysia, Brazil, Ghana, and Colombia—took place at an Astra Agro Lestari subsidiary in Riau. Participants had the opportunity to observe sustainable palm oil farming practices and gain insights into best practices for managing peat and mineral soils, conservation in riparian areas, and operations at the Palm Oil Mill Facility.



The Ministry of Foreign Affairs and representatives from "Like-Minded Countries" visited PT Kimia Tirta Utama (PT KTU)

Activity documentations can be viewed at the following links:

- https://www.suratkabargenta.id/siak/1414818450/kunjungan-delegasi-17-negara-ke-pt-ktu-jadi-inspirasi-praktik-sawit-berkelanjutan
- https://canelnews.com/riau/kunjungan-delegasi-17-negara-ke-pt-ktu-jadi-inspirasi-praktik-sawit-berkelanjutan/
- https://riau.antaranews.com/berita/375441/kunjungan-delegasi-17-negara-ke-pt-ktu-jadi-inspirasi-praktik-sawit-berkelanjutan
- https://sumatra.bisnis.com/read/20240701/534/1778578/belajar-sawit-berkelanjutan-kemenlu-boyong-17-negara-kunjungi-riau

Support for Smallholders on Plantations in Peatland

This quarter, we signed an MoU with the Indonesian Peat Society (HGI) to provide training and counselling to our partner farmers. HGI, a professional organization focused on peatland science and technology, includes members from various backgrounds such as academics, practitioners, and regulators. Their vision aligns with our commitment to sustainable peatland use for agriculture, enhancing the positive values of peat management for our partners and surrounding communities. This collaboration aims to bridge the gap in technology and best practices in peatland management, ensuring sustainability. Through community outreach and training, smallholders will gain broader knowledge and insights, particularly for oil palm plantations. The implementation of these activities is planned for the next quarter.

Alongside our collaboration with external parties to train partner smallholders, we have also organized workshops for them with the fire management and GHG emission departments, initiated by the partnership management division. During these workshops, we provided smallholders with information on sustainable peatland management for oil palm plantations.

RESPONSIBLE CPO SOURCING

Traceability of CPO / PKO Supply Chain

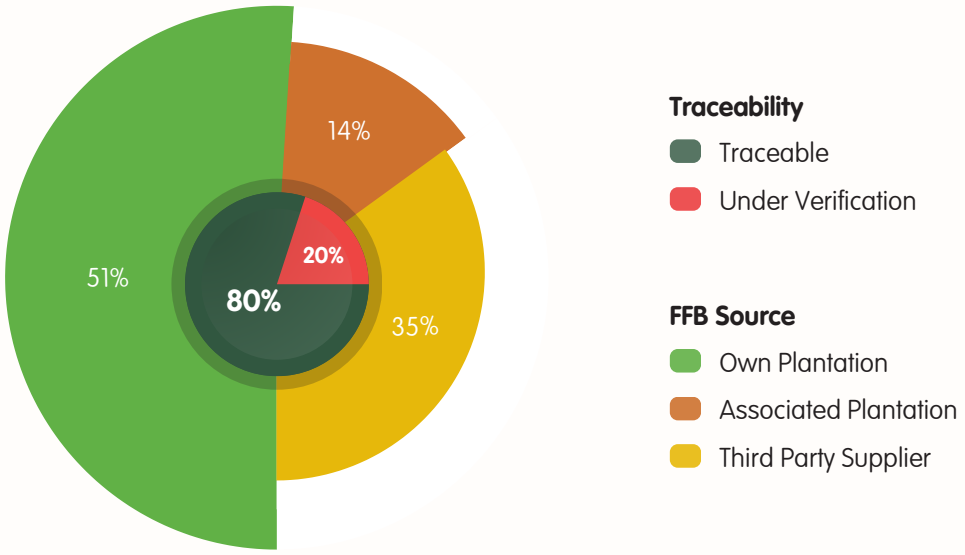
In Q2 2024, we uphold our commitment to trace 100% of CPO/PKO from 50 mills (24 internal and 26 external). Details on the composition and the supplier list can be accessed in the traceability report on our website. The table below shows the CPO supply volume for this quarter.

Composition of CPO Supply Volume in Q2 2024

Source of Supplier (Mill)	Supplier Volume Composition					CPO Supply Volume
	Refinery			Trading	Trading & Refinery	
	Kreasijaya Adhikarya	Tanjung Sarana Lestari	Tanjung Bina Lestari			
Internal	14%	21%	0%	0%	23%	58%
External	13%	0%	0%	20%	9%	42%
Total Percentage						**100%**

In this quarter, the traceability achievement of FFB supply sources in CPO/PKO reached 80% which includes 51% from our own plantations/affiliates, 35% from third-party suppliers, and 14% from associated plantations. Overall, the traceability achievement decreased compared to the previous quarter due to the integration of new suppliers into our supply chain in Q2 2024.

Traceability of FFB Sources from CPO/PKO Suppliers



Aligning Suppliers with AAL's Sustainability Assessment Mechanism

Based on the results of the gap fulfillment assistance, in the second quarter of 2024, the average SAT fulfillment for CPO/PKO suppliers was 78%, showing a decrease from the previous quarter due to the inclusion of new suppliers in our supply chain. For existing suppliers, there was no significant increase as their gaps remained relatively similar.

Potential Supplier Violations

In the second quarter of 2024, we did not identify any violations by our suppliers. However, we received a report regarding alleged land clearing by a company affiliated with one of our suppliers. We have addressed this matter with our supplier and are taking appropriate follow-up actions. Details of the engagement process undertaken to handle this case can be found here.



FFB SOURCING & SMALLHOLDER SUPPORT

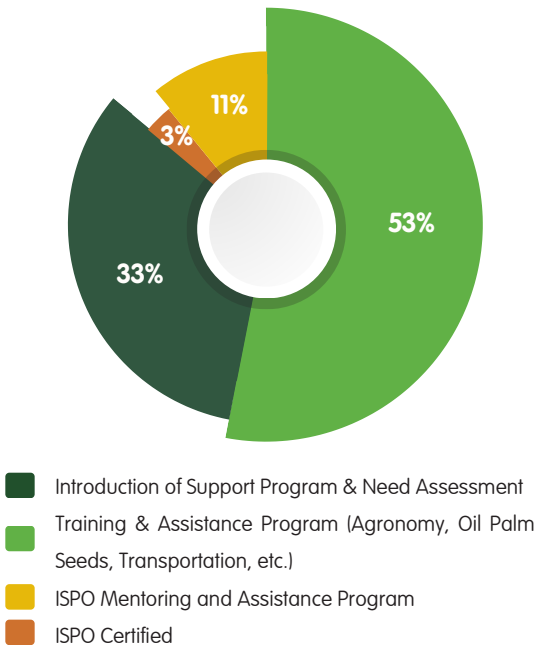
Traceability of FFB Supply

As of the second quarter of 2024, we have successfully maintained our commitment to 100% traceability of Fresh Fruit Bunch (FFB) sources. The composition of FFB volume received remains consistent, with 53% sourced from our own plantations, 4% from associated plantations, and 43% from third-party or independent suppliers. This achievement highlights our dedication to transparency and sustainability within our supply chain. Detailed traceability reports for each mill are available here.

Support Program for FFB Suppliers

As of the second quarter of 2024, we continue to collaborate with approximately 43,000 traceable smallholders, including around 15,700 associated smallholders and 27,300 independent smallholders. Our ongoing support for these Fresh Fruit Bunch (FFB) supply partners and smallholders aims to enhance their productivity while aligning with AAL's Sustainability Policy. The figure below illustrates the various stages of our support program which is tailored to address the unique needs of associated and independent smallholders, which has been implemented from 2019 to Q2 2024.

Implementation of support programs for FFB suppliers from 2019 until Q2 2024



Support Program for Independent Smallholders

The Company keeps its effort in supporting independent smallholders through various activities as follows:

Training and Capacity Building

This quarter, we organized a series of online training and capacity-building activities focused on climate-related themes, including Fire Protection, Sustainable Peat Management, and Greenhouse Gas (GHG) emissions. These sessions also included a refresher on the AAL Sustainability Policy to ensure all participants are up-to-date with our sustainability commitments and practices.

A total of 173 smallholders participated in these sessions, gaining valuable insights and practical knowledge to enhance their agricultural practices. The training aimed to equip smallholders with the skills needed to manage peatlands sustainably, prevent and mitigate fires, and reduce GHG emissions, thereby contributing to more resilient and environmentally friendly farming operations. This initiative reflects our ongoing commitment to supporting our smallholders and promoting sustainable agriculture.



Training and capacity building activities

Facilitating Partnership Support Programs for Independent Smallholders

During Q2 2024, we continue to facilitate for our networking partners, which consist of financing and procuring oil palm seeds, fertilizers, provision of transport units for FFB evacuation, herbicide facilitation programs, and financing and procuring FFB transportation units. Details of facilitated support programs are showcased in the table below.





Support programs for the provision of herbicides and transport units for FFB evacuation

Details of smallholder partnership support programs as of Q2 2024

Support Program	Networking Partners	Smallholder	Quantity	Location
Financing and Procurement of Oil Palm Seeds	18	40	Procuring ±51,350 oil palm seeds	Riau, West Sulawesi & East Kalimantan
Financing and Procurement of Fertilizer	45	223	Procuring ±1,593 tons fertilizer	Aceh, Jambi, Riau, Central Kalimantan, East Kalimantan & West Sulawesi
Provision transportation units for FFB evacuation	50	469	Transported volume of ±16,532 tons	Riau, Jambi, Central Kalimantan & West Sulawesi
Financing and Procurement of Herbicide	20	24	Procuring ±3,710 liters of herbicide	Riau, Central Kalimantan, West Sulawesi & Central Sulawesi
Financing and Procurement of FFB Transport Units	3	3	Financing of six FFB transport units	Aceh & Riau

ORANG RIMBA PROGRAMS

Ensuring Food Security

Our company remains committed to ensuring food security for the targeted Orang Rimba community. By the end of the second quarter of 2024, we have successfully distributed 23.1 tons of rice and 1,986 basic food packages to 331 heads of families, benefiting a total of 1,252 individuals. These beneficiaries are located across the Sarolangun and Merangin Regencies.

Orang Rimba food distribution achievements as of June 2024

Type of Assistance	Jan	Feb	Mar	Apr	May	Jun
Basic food (package)	331	331	331	331	331	331
Rice (Ton)	3.85	3.85	3.85	3.85	3.85	3.85



Distribution of staple food for Orang Rimba

Access to Education

The second quarter marks a transition period for class promotions and graduations of Orang Rimba students across all educational levels, including early childhood education/kindergarten (PAUD/TK), Elementary School, Middle School, High School, and College. At the end of the 2023/2024 school year, 67 children graduated from PAUD/TK, 25 from elementary school (SD), five from junior high school (SMP), and one from high school (SMA). In the 2024/2025 school year, 67 new students enrolled in PAUD/TK, 18 from SD, and two from SMP. With these developments, the total number of Orang Rimba students currently supported by the Company reached 415. This support is crucial in providing educational opportunities and fostering the academic growth of the Orang Rimba community.

PT SAL ASSISTANCE IN THE ACADEMIC YEAR 2024/2025



The Company has also established a total of 13 learning studios, benefiting 396 students. This initiative underlines the Company's commitment to enhancing educational opportunities for the Orang Rimba community. In the second quarter, the focus of learning studios was on developing basic mathematics skills for Orang Rimba students. The aim was to introduce counting techniques in a more accessible and enjoyable manner, making learning both fun and engaging. To foster sensitivity, empathy, and cooperation among the students, the centers also conducted regular play sessions during breaks. These activities help build social skills and create a supportive learning environment. During this period, two of the Orang Rimba learning studios —Sekolah Rimba Halom Putri Tijah and Punti Kayu 1—underwent school accreditation activities. This accreditation process ensures that the education services provided meet the required standards and are continuously improving, particularly in early childhood education (PAUD/TK).



Orang Rimba students learn handicrafts at Sako Selensing School



Children playing together at Nurul Ikhlas School



Accreditation of Sekolah Rimba Halom Putri Tijah and Putri Kayu 1 by BAN-PNF Assessors, Jambi Province

Beyond providing facilities, the Company is committed to developing curricula, training educators, and creating a learning environment that supports the holistic development of students. In addition, 16 teachers took part in a workshop organized by a teacher working group (KKG) in collaboration with Bukit Duabelas National Park (TNBD), aimed at enhancing their teaching skills. Through these investments in learning studios and support for accreditation, the Company is significantly advancing the educational opportunities and overall well-being of the Orang Rimba community.





Orang Rimba school KKG teacher workshop activity

Higher Education

Higher education, once unimaginable for the Orang Rimba, is now within reach. This academic year, Nirai, a female Orang Rimba student, joined five other Orang Rimba students supported by the Company in pursuing higher education. Nirai recently celebrated her graduation from the accounting department at SMKN 8 Sarolangun. She was also honored as a Friendship Student by her school. Despite facing numerous challenges, Nirai's diligence and the guidance of her teachers enabled her to successfully complete her studies. Now, she is preparing to continue her education at the tertiary level, marking a significant milestone for herself and her community.



Nirai's graduation at SMKN 8 Sarolangun

Meanwhile, five Orang Rimba students currently attending university have made the following progress:

- Fauzan, a student at Polbangtan Bogor, successfully defended his thesis titled "Farmers' Behavior Towards the Use of Organic Fertilizers on Rice Plants in Sukaraja District, Sukabumi Regency" with a satisfactory grade in June this year.
- Bejujung and Besiar, both studying D3 Agribusiness at Jambi University, have completed their final report defense on "Management of Production and Marketing of Herbal Medicines of the Suku Anak in the Ubat Psako Group, Pematang Kabau Village, Air Hitam Sub-District" and have been declared to have passed. Fauzan, Bejujung, and Besiar will graduate in August.



Fauzan (left), Bejujung and Besiar (right) passed the final project examination

- Kurniah is currently in her third semester at Poltekes Jambi, participating in blood donation practices and OSCE method exams.
- Desi, also in her third semester, has been assigned to review the implementation of the Pancasila Student Profile Strengthening Project (P5) in schools and to provide socialization on the impact of juvenile delinquency on school children.



Kurniah practices the OSCE method exam with her colleague (left) and Desi shares material on the impact of juvenile delinquency in schools (right)

The achievements of these Orang Rimba youth in higher education are expected to inspire other children to pursue their education with enthusiasm.

Healthcare Support

Routine posyandu activities are the company's frontline in providing health services and addressing stunting among the Orang Rimba. In the second quarter, Posyandu services reached 105 toddlers and 12 pregnant women, focusing on monitoring growth, development, and nutritional adequacy. The company supports these efforts by providing supplementary feeding and vitamins to ensure proper nutrition.

To enhance the effectiveness of Posyandu, the company empowers 30 Posyandu cadres with incentives and training, in collaboration with local Health Centers. Additionally, routine check-ups and treatment visits have benefited 65 Orang Rimba, including children, adults, and the elderly. In emergencies, the Orang Rimba Ambulance is always on standby to refer patients to advanced health facilities.





Weighing children at Posyandu and conducting health check-ups





Ambulance readiness to transport Orang Rimba patients to advanced medical facilities

Active Collaboration

ID Cards Acceleration

In this quarter, the Company focused on collecting data on the new age of ID cards and collecting data on Orang Rimba who will be included in the Integrated Village Social Welfare Data (DTKS), to increase last year's number of ID cards for Orang Rimba to 819 people who have received economic social security (PKH and BPNT) and health insurance (KIS). To date, consultative meetings have been held with Disdukcapil (Demography and Civil Registry Office) as the key to accelerating and succeeding this program. This initiative is one of the flagship programs of Suku Anak Dalam Social Development Partnership Forum (FKPS-SAD), aimed at ensuring that Orang Rimba community receives their rightful benefits from the country

Agricultural Learning Center (ALC)

Suluh Rimbo serves as learning center for 40 Orang Rimba families, offering training in diverse plant cultivation techniques. This initiative aims to promote food self-sufficiency and provide alternative income sources through agricultural commodities. The company supports this program by supplying agricultural infrastructure, including seeds, fertilizers, and equipment, as well as enhancing the Orang Rimba's skills in plant cultivation.

a. Suluh Rimbo Sikar Group

In this quarter, Suluh Rimbo Sikar achieved a successful harvest of 270 kg of long beans and 300 kg of cucumbers. Additionally, preparations are underway for new planting areas and 500 curly chili seedlings. However, the planting process is currently on hold due to the dry season and the need for adequate water supply. Other activities include replacing old long bean and cucumber plants with new ones. Suluh Rimbo Sikar has made significant progress since the program's inception, with group members now more aware of farming practices and understanding that food crop commodities can be produced to meet family food needs.



Harvesting long beans and cucumber in Suluh Rimbo Sikar

b. Suluh Rimbo Air Panas

During this period, the Suluh Rimbo Air Panas, managed by the Rimba Tani group, successfully harvested several types of crops, including 25 kg of luffa, 2 kg of chili, and 25 bundles of water spinach. Additionally, the Rimba Tani Group is preparing the land for planting corn, lemongrass, cassava, and gambas. The group has demonstrated significant progress in technical garden management, becoming adept at crop rotation to align with environmental conditions, ensuring optimal plant growth, and selecting the right crops to meet their needs.



Harvesting water spinach and luffa in Suluh Rimbo Air Panas

Strengthening and Fostering Orang Rimba in TNBD Area – Meriau Assistance

This quarter, the primary focus has been on providing access to education services for children in the Meriau group. The Company and TNBD have adapted a proactive strategy, utilizing mobile schools, or sokola bejelon, for teaching and learning activities. Additionally, the Company has involved Temenggung to provide lessons on Orang Rimba traditions, values, and wisdom. The curriculum includes aspects of Melangun culture, customary rules, behavioral guidelines (Seloko), and traditional teachings (Mantera). By incorporating cultural education, we aim to help the children better understand and appreciate their heritage.



Temenggung teaches students about Orang Rimba customs and wisdom

On the other hand, previously in Q1, the Company held a collaborative meeting with TNBD and the Orang Rimba to discuss joint programs in the Bukit Duabelas National Park. Following this, in Q2 2024, we agreed to develop a collaborative program focused on strengthening the Orang Rimba's economic institutions. This initiative aims to address the current issue of weak market positions for non-timber forest products like rubber, rattan, dammar gum, and dragon blood (*jernang*). We serve as a buyer, collector and market provider for Orang Rimba-produced rubber. The "Berkah Rimba Bukit Duabelas" Cooperative, based in Desa Pematang Kabau and led by Orang Rimba Temenggung, was formed to strengthen the economic position of the Orang Rimba community.

Subsequent to the establishment of the cooperative, we assessed market opportunities for its future focus. This opportunity let us to meeting with PT Anugerah Bungo Lestari (PT ABL), a rubber processing company, which is interested in purchasing the cooperative's rubber at better prices based on its quality and specifications. To strengthen this partnership, PT ABL has provided training to the cooperative's leaders and members on rubber quality and marketing.



Socialization by prospective rubber purchases who will cooperate with Berkah Rimba Cooperative for purchasing and selling rubber commodities

COMMUNITY EMPOWERMENT PROGRAM

IN SULAWESI AREA

The Company continues to build constructive and sustainable relationships with local communities. We believe that inclusive dialogue is key to building trust and positive mutual relationships. Through these discussions, we listen, document, and develop programs to address community needs. Involving the community in the planning, execution, and oversight of these programs demonstrates their important role. The community programs are constructed around Astra's four pillars: Astra Sehat, Astra Cerdas, Astra Kreatif, and Astra Hijau.

Community Development Program at PT Lestari Tani Teladan

Programs at PT Lestari Tani Teladan (PT LTT) are developed based on participatory meetings and community needs, and are structured around Astra's four pillars. To enhance their impact, the program is aligned with local government regulations and vision. Below are highlights of the progress in two neighboring villages, Towiora and Tinauka, during the second quarter of 2024:

Community Development Program	Education	Healthcare	Income Generating Activities	Infrastructure Facilities	Environmental Stewardship
Towiora and Tinauka Village	• Teacher training targeting 25 teachers • Honor incentives for 10 teachers • Educational facilities and infrastructure assistance for 9 underprivileged students • Assistance for O2SN dan FLS2N competitions for students of PT LTT Elementary School; SDN 25 Rio Pakava & SDN 24 Rio Pakava	• The *Posyandu* program provided supplementary feeding and health check-ups to 38 pregnant women, 146 toddlers, and 82 elderly in five *Posyandu* (one unit in Toiwora village and four units in Tinauka village) • Provision of incentives to 20 *Posyandu* cadres • Family planning services in collaboration with the National Population and Family Planning Board (BKKBN) for 44 acceptors.	• A consultative meeting with Towiora Village Youth Organization was held to advance their entrepreneurial projects, resulting in an agreement to focus on mushroom cultivation, food processing, and a barbershop. • Smallholders guidance on harvesting and supplying high-quality fruit to the mill, with a total of five groups participating (155 smallholders) • Distribution of food aid to 30 flood-affected Towiora villagers.	• Road maintenance in Towiora village for 1 KM and deploying heavy equipment • Provision of fill material to support mosque foundation and floor with laterite • Provision of a public cemetery for the Towiora community is currently in progress	• Planting of 200 trees, including hardwoods and productive fruit trees, to commemorate World Environment Day



Teacher training in Towiora & Tinauka



Educational infrastructure assistance for underprivileged students





Immunization and height measurement activities for toddlers at *Posyandu*



Consultative meeting with Towiora Village Youth Organization to discuss business plan





Assistance to the Company's smallholders regarding palm fruit quality



Road maintenance assistance in Towiora village





Planting productive hardwoods and fruit trees to commemorate World Environment Day

Previously, we made significant progress on the development of the public cemetery for the Towiora Village community. We completed key steps, including finalizing the site agreement, purchasing the land, and providing community support. Our approach emphasized active community involvement and collaboration with various stakeholders.

For Q2 2024, the focus will be on legal aspects, including finalizing the Spatial Utilization Feasibility Recommendation (PKKPR) from the Public Works and Housing Agency (PUPR), which is required for obtaining a certificate from the National Land Agency (BPN). Additionally, there will be site visits by PUPR and BPN Donggala to ensure the proposed location meets the necessary requirements for certification by BPN.




Visit by PUPR and BPN Donggala to the proposed Towiora public cemetery development site

Publication links of PT LTT programs are also accessible via:

1. Education Program

- https://trans89.com/2024/05/31/pt-lestari-tani-teladan-dukung-majelis-taklim-dan-berikan-bantuan-biaya-pendidikan-anak-kurang-mampu
- https://trans89.com/2024/05/18/rio-pakava-juara-umum-ketiga-diajang-fls2n-dan-o2sn-tingkat-kabupaten-donggala-pesertanya-siswa-sd-pt-ltt
- https://www.metrosulteng.com/sosial-budaya/51912699092/korban-banjir-desa-towiora-rio-pakava-terima-bantuan-sembako-dari-pt-ltt?page=2

2. Healthcare Program

- https://www.metrosulteng.com/sosial-budaya/51912698956/pelayanan-kb-serentak-di-pt-ltt-berlangsung-meriah-sukseskan-hkn-ke-31-dan-hari-buruh-internasional

Community Development Program at PT Mamuang

PT Mamuang (PT MMG) is committed to fostering community development through impactful CSR activities. Listening to community feedback and needs is crucial for designing effective programs that address challenges and drive progress. The table below outlines the community empowerment programs in Martasari Village (including Kabuyu Hamlet), Pancamukti Village, and Rio Mukti Village.

Community Development Program	Education	Healthcare	Income Generating Activities	Infrastructure Facilities	Environmental Stewardship
Martasari Village	• Honor incentive assistance to eight teachers • Assistance to Elshinta, a talented student from Kaili Tado Kabuyu • Graduation support of students from SD Inpres Kabuyu	• The *Posyandu* program provided supplementary feeding and health check-ups to 13 pregnant women and 170 toddlers in five *Posyandu* units • Incenvtives for 15 *posyandu* cadres • Family planning services in collaboration with BKKBN for 20 acceptors • Blood Donation activities by PT Mamuang employees amounting to 199 people, in commemoration of World Blood Donor Day.	• Food aid for the underprivileged Kaili Tado community in Kabuyu, targeting 135 families • Assistance and intensification of fish farming groups (four families) with the help of 3,000 fish seeds and 10 sacks of food • Fostering and assisting plasma smallholders through nine partners (152 members) in the form of training and partnership programs for procurement of fertilizers, herbicides, oil palm seeds, and transportation services.	• Road maintenance in Martasari village along 2 Km by providing laterite and mobilizing heavy equipment.	• Planting of 200 trees, including hardwoods and productive fruit trees, to commemorate World Environment Day
Pancamukti Village	• Honor incentive assistance to six teachers	• The *Posyandu* program provided supplementary feeding and health check-ups to eight pregnant women and 90 toddlers • Incentives for five *posyandu* cadres.	• Assistance and monitoring of PKK women's group of horticultural cultivators (10 families); plants are growing well and starting to yield produce.	-	
Riomukti Village	-	• The *Posyandu* program provided supplementary feeding and health check-ups to 21 pregnant women and 175 toddlers. • Incentives for five posyandu cadres.	• Fostering and assisting plasma smallholders through four partners (47 members) in the form of training partnership programs in the procurement of fertilizers and oil palm seeds.	-	







Provision of supplementary food and vitamins to toddlers and pregnant women at *Posyandu*



Incentivizing teachers' honorarium who teaches in PT Mamuang assisted schools



Blood donor activity by PT Mamuang's employees at Polibun



Family planning program services



Strengthening the community economy through fishery cultivation in Martasari Village

As part of our education program, we continue to support Elshinta, a talented student from the Kaili Tado community, who is currently pursuing a degree in Agrotechnology at Tadulako University with a scholarship. Now in her third semester, Elshinta also showcased her singing talent by participating in the "Pasangkayu Mencari Bakat" competition in April 2024, where she secured third place at the district level. In addition to her academic and musical pursuits, Elshinta is skilled in makeup artistry and has begun offering artist make up services locally. Her achievements and dedication make her an inspiring role model for the youth in her community.





Road infrastructure maintenance in Martasari village



Elshinta's performance in Pasangkayu Got Talent singing competition

Our program to support the underprivileged Kabuyu community continues to operate routinely. Each month, PT Mamuang provides staple food assistance to 135 families in Kabuyu. As of this second quarter, we have distributed a total of 945 food packages. Local traditional leaders play a crucial role in ensuring that the aid reaches the right families. This essential food support helps create better conditions for future community empowerment.



Basic necessities distribution for the Kabuyu community

Some of our CSR programs in PT MMG were covered in the news by local media, which can be accessed via the following links:

1. Education Program
   - https://www.astra-agro.co.id/2024/06/01/pt-mamuang-berkomitmen-sejahteraan-guru-honorer-dan-kader-posyandu/
   - https://trans89.com/2024/05/31/komitmen-pt-mamuang-peduli-kesejahteraan-guru-honorer-dan-kader-posyandu
2. Healthcare Program
   - https://www.astra-agro.co.id/2024/05/19/tekan-stunting-pt-mamuang-kolaborasi-bkkbn-sulbar-dan-dp2kb-pasangkayu-berikan-pelayanan-kb-gratis/
   - https://trans89.com/2024/06/29/pt-mamuang-peringati-hari-donor-darah-sedunia-bekerjasama-pmi-pasangkayu
3. Income Generating Activities
   - https://www.astra-agro.co.id/2024/05/14/pt-mamuang-berikan-bantuan-sembako-masyarakat-adat-suku-kaili-tado/
   - https://trans89.com/2024/05/14/pt-mamuang-tetap-komitmen-berikan-bantuan-sembako-kepada-masyarakat-adat-suku-kaili-tado
4. Environmental Stewardship
   - https://trans89.com/2024/06/11/astra-agro-lestari-group-berpartisipasi-peringati-hari-lingkungan-hidup-tingkat-kabupaten-pasangkayu

Community Development Program at PT Agro Nusa Abadi

PT Agro Nusa Abadi's (PT ANA) community empowerment program is structured around four key pillars: education, health, economy, and environment. Our efforts are concentrated in seven ring villages: Bunta, Tompira, Bungintimbe, Towara, Molino, Peboa, and Towara Pantai. We have conducted consultative meetings with community groups to ensure the program is effectively targeted. Below are the community empowerment initiatives we are implementing in Q2 2024.

Enhancing Education Programs for School Age Children

To enhance education access and quality for communities around PT ANA, we offer honorarium incentives to teachers from Elementary School (SD) to High School (SMA). This program now supports 22 teachers across 15 schools. This number has increased compared to Q1 2024 where we provided incentives to 20 honorarium teachers in 13 schools. The table below details the distribution of these incentives.

Teachers' honorarium incentive recipients from PT ANA

Village	Total Teacher Honor Incentive Recipients	School Details
Bunta	4	SDN 1 Bunta, SDN 2 Bunta, SMPN 3 Petasia Timur
Tompira	3	SDN Tompira, MIS Alkhaeraat Tompira, SMPN 2 Petasia Timur Satu Atap
Bungintimbe	6	SDN Bungintimbe, SD Alkhaeraat Bungintimbe, SMP Alkhaeraat Bungintimbe, SMAS Alkhaeraat Bungintimbe
Towara	2	SDN Towara
Molino	3	SDN Molino
Peboa	4	SDN Pebooa, SMPN 1 Petasia Timur, SMKN 1 Petasia Timur
Total	**22**	**15 Schools**



Incentives handover to PT ANA assisted school teachers

To support student mobility, we provide eight school buses operating in six villages: Bunta, Tompira, Bungintimbe, Towara, Molino, and Peboa. In Q2, one student from SDN Molino fostered by PT ANA, Azizah Azzahra, achieved second place in the Central Sulawesi Provincial Karate competition. We provided her with excellent coaching and necessary training resources.



PT ANA's school bus transport students in Molino Village



Azizah Azzahra together with her coach received a medal for winning the Central Sulawesi Provincial Karate competition

Healthcare Support

Posyandu plays a key role in improving healthcare services for the communities around PT ANA. Working with Puskesmas Molino, we support 12 *posyandu* centers across seven villages. In Q2 2024, we provided supplementary food to 889 toddlers and 181 pregnant women, as well as offering monthly incentives to 60 *posyandu* cadres.

Together with Puskesmas Molino, PT ANA organized a free mass circumcision program for children in Towara Village. Developed through consultations with the community, village government and school teachers, the program benefited 26 children. At the end of the event, we gave gifts to these children for their bravery.





Free mass circumcision for children in Towara Village

For more information about this event are available via:

- https://palu.tribunnews.com/2024/07/04/dukung-peningkatan-kesehatan-pt-ana-gelar-sunatan-massal-di-desa-towara-morowali-utara
- https://www.metrosulteng.com/kesehatan/51913053655/dukung-peningkatan-kesehatan-pt-ana-gelar-sunatan-massal-gratis#google_vignette

Income Generating Activities

In this quarter, PT ANA has supported seven community economic groups, consisting of 94 families. We are assisting these groups to be more empowered and successful in optimizing local resources for future economic opportunities.

Distribution of MSME groups assisted by PT ANA in seven villages

Village	Programs	Number of Group	Number of Member (s)	Background
Molino	Freshwater Fish Bionic Farming	1	7	Karang Taruna
Towara	Freshwater Fishpond Cultivation	1	14	Karang Taruna
Molino	Sewing and Traditional Food Preparation	1	13	Mother's Group

Tompira	Motambu Meti Tepo'asa Fishermen Group	1	18	Fisherman Group
Towara Pantai	Seaweed Cultivation	1	14	Fisherman Group
Bungintimbe	Hydroponic Plant Cultivation	1	18	Karang Taruna
Peboa	Egg-laying Chicken Livestock Group	1	10	Livestock Group

Specifically, in Q2 2024, the Bungintimbe Youth Group successfully established a partnership with a nearby mining company for selling hydroponic vegetables. Under the agreement, the group is required to supply 200 kg of vegetables weekly. To boost production capacity, the company provided assistance with land development, heavy machinery, and production infrastructure. Additionally, the local government, through the Department of Agriculture and Food of North Morowali, supported the project by offering a hydroponic greenhouse package.

Concurrently, the Youth Group and the company visited a hydroponic group at Kolonodale Prison to discuss potential collaboration as vegetable suppliers. This initiative has the potential to generate a monthly income of IDR 12 million from vegetable sales and has effectively influenced various stakeholders, including the recognition of North Morowali Agricultural Office and other hydroponic group, and fostering strong collaborations for community economic development.



Members of Bungintimbe Youth Group inspecting their hydroponic nutrient solution drums (left) and visited the Kolonodale Correctional Facility hydroponic group for cross-learning (right)

Environmental Stewardship

Socialization and Education on Semangat Kurangi Sampah Plastik (Semangkup)

Marking the World Environment Day, PT ANA promoted environmental sustainability through the Semangat Kurangi Sampah Plastik (Semangkup) program. At SMP N 1 Petasia Timur, we introduced the 3R concept (Reduce, Reuse, Recycle) and taught students how to turn plastic waste into craft items like plastic flowers and eco-bricks. We also provided the school with 52 drinking bottles and water dispensers to help reduce single-use plastic. At the end of the event, we appointed five students as environmental ambassadors, who will receive training on environmental issues and become promoters for Adiwiyata schools.





Environmental education at SMPN 1 Petasia Timur



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