

Monthly Update

August 2023

Portable Cattle Yards Accelerate Vaccination and Cattle Identification



In July the Partnership signed a Memorandum of Understanding (MoU) with the University of Mataram (UNRAM) that aims to support the Ministry of Agriculture's (MoA's) cattle identification and vaccination program in West Nusa Tenggara. Under this MoU, the Partnership will provide five portable cattle yards to three districts in Sumbawa Island, namely Dompu, Bima, and Sumbawa. Following the signing of the MoU, a technical briefing was held with the Livestock and Animal Health Office of the three districts, and local farmers, on how to operate the cattle yards and on low stress cattle handling to ensure animal welfare. The portable cattle yards, which are already accelerating cattle vaccination and identification, is expected to be mobilized by the local government at least nine times within a three month period.

Chancellor of Mataram University, Prof. Bambang Hari Kusumo (right) and Team Leader, Advisory Support Group, Stuart McAdam (left), signing an MoU on supporting the Ministry of Agriculture's vaccination and cattle identification program.

The University of Mataram will monitor their use and support local governments in West Nusa Tenggara to ensure their sustainable application. With this in mind, one aim will be to establish recurrent local government operational budgets for cattle yard use.



Portable cattle yard in Dompu district, West Nusa Tenggara

To see the portable cattle yards in use, click here: https://bit.ly/IARMCP_PortableCattleYard1

Supporting Minimum Standards for Frozen Semen Production and Testing in Indonesia



Workshop on the Development of Minimum Standards of Frozen Semen Production and Testing in Indonesia on 22-23 August 2023

In February the Ministry of Agriculture (MoA) appointed a four-member national team from the National Research and Innovation Agency (BRIN), IPB University, and Brawijaya University to develop standards and assess the current condition of Indonesian semen production facilities. The team recently carried out consultations with the 17 semen production facilities in Indonesia, artificial insemination companies, and universities, and presented their results at a workshop held from the 22nd to the 23rd of August. The workshop titled "The Development of Minimum Standards of Frozen Semen Production and Testing", was collaboratively designed and implemented by the Partnership and the Directorate of Livestock Breeding and Production, MoA.

The workshop brought together key stakeholders in the frozen semen production sector, including from the MoA, artificial insemination centers across Indonesia, academic and research centers, private companies, and international experts from Australia and India. At the workshop the national team's findings were enriched by the international experts who shared good practices and lessons learned on semen production and genetics. The expert team then visited two national semen production facilities in Malang and Lembang to observe their production processes and to provide input to improve facility efficiency and semen quality.

The workshop proved to be an excellent opportunity to bring together key stakeholders and decision makers to discuss and agree on how to improve Indonesia's semen production systems. It was also an important first step in the development of Minimum National Standards for Semen Production, which is critical to achieve Indonesia's goal of increasing its livestock population and productivity. The national expert team and the Ministry of Agriculture are now improving the draft minimum standards based on the workshop consultations and participant feedback and developing recommendations for a related ministerial regulation.

NTI 360 Students Arrive in Australia to Start their Experiential Learning

In July, the Northern Territory Indonesia 360 (NTI 360) program interviewed over 100 undergraduates from 15 animal science faculties across Indonesia, eventually selecting 20 (9 female) to participate in the program. All attended a pre-departure training that prepared them for their three month visit to Australia and where they learnt about Australian culture, animal handling and basic cattle production.

In late August, they arrived in Northern Territory and immediately started various technical trainings, included one on horse riding. For many this was the first time they had ridden a horse and there was much laughter and lots to learn. The students also completed a Certificate II in Rural Operations with Charles Darwin University which included a module on Australian biosecurity, a highly relevant topic considering the current Foot and Mouth Disease (FMD) and Lumpy Skin Disease (LSD) outbreaks in Indonesia.

The students' new and very practical skills and knowledge will be tested when they start their two-month Northern Territory cattle station placements in September. Hopefully the students will return home with a new appreciation of the Australian industry and new friendships with Australian industry players. We will keep you updated on their work experiences on Aussie cattle stations.



NTI 360 participants, drawn from 15 animal science faculties across Indonesia, attending horse riding school in the Northern Territory, Australia.

Enhancing Skills of Indonesian Animal Health Frontliners



Course design development process for the Frontline Training Program

The FMD and LSD outbreaks in Indonesia highlighted the need for capacity improvements in Ministry of Agriculture (MoA) frontline technical staff and an enhanced biosecurity focus for Indonesian veterinary students. This led to the MoA and the Partnership developing a Frontliner Biosecurity Training Program that is currently being rolled out by the Indonesian Veterinary Faculty Association (AFKHI). This important program will build the skills of 700 frontline technical staff and 480 veterinary students, across 11 Indonesian provinces. Courses will focus on mitigation and response to various cattle infectious diseases, not just LSD and FMD.

As a first step, on 15 August, the Partnership and AFKHI held a workshop where the Directorate of Animal Health of the MoA and Australia Indonesia Health Security Partnership (AIHSP) provided input into the course design and ensured its alignment with the MoA's FMD and LSD training modules and control plans. The course module is developed based on the existing MoA and Food and Animal Organization (FAO)'s module on animal disease outbreak. Moving forward, 'Train the Trainer' sessions will be conducted for university and MoA facilitators to ensure a standard training approach and quality, followed by a pilot training that will fine tune the modules and the delivery approach. Courses will then be delivered by local universities located in the respective provinces. We will keep you updated as the courses are rolled out.

Universities Collaborate on Small-scale Commercial Livestock Business Training

The Partnership continues to improve Indonesia's regional university capacity to deliver training programs. On 24-29 July the Faculty of Animal Science of Gadjah Mada University (UGM), from Yogyakarta, and Hasanuddin University (UNHAS), from Makassar, South Sulawesi, jointly delivered the Small-scale Commercial Livestock Business Training in Makassar. The training was attended by 30 participants (10 females) drawn from 15 small – medium sized cattle enterprises in Kalimantan and Sulawesi, and the Australian Consulate General in Makassar, Todd Dias, delivered the opening remarks. An end of training survey showed that all participants significantly improved their knowledge on how to respond to challenges currently affecting their cattle business', including how to access finance, forward planning in a dynamic market, how to feed efficiently, and how to value livestock.

This was the first time UNHAS delivered a training for the Partnership. Their collaboration with UGM, an experienced training provider, allowed UNHAS' trainers to learn how to identify and overcome challenges related to training implementation, how to design trainings to meet specific Partnership and trainee needs, how to prepare for the training, including the very important process of participant selection, and how to smoothly deliver and assess training programs. At the end of the training, both UGM and the Partnership assessed UNHAS' training capacities and concluded that they could deliver the next course on their own.



Small-scale Commercial Livestock Business Training participants visiting Enhal Farm and slaughterhouse to exchange knowledge on business management with the owner, an alumnus of the same training, and his management.



Supporting Commercial Sheep Production in Indonesia



The Partnership continues to support the expansion of commercial sheep production in Indonesia through collaboration with Indonesian Sheep and Goat Producer Association (HPDKI).

In August 2023, fully supported by the Ministry of Agriculture, HPKI held a series of public consultations and focus group discussions with various stakeholders across Indonesia. The aim was to set the policy direction of commercial sheep production in Indonesia.

HPDKI also continued its capacity building and promotion activities of the sheep production closed loop cluster model, in Central Java, East Java, East Kalimantan and Central Kalimantan. These activities attracted many sheep and goat producers from these regions, many of whom now want to be part of the model.

The HPDKI has been also working very hard to prepare for the upcoming National Conference on Sheep and Goat Production and the Indonesian Presidential Cup Event, scheduled for late September 2023. Both events will provide a platform for breeders to synergize their efforts and to collaborate and will support the independence and economic empowerment of breeders.

Promoting Animal Welfare and Traceability System in Indonesia



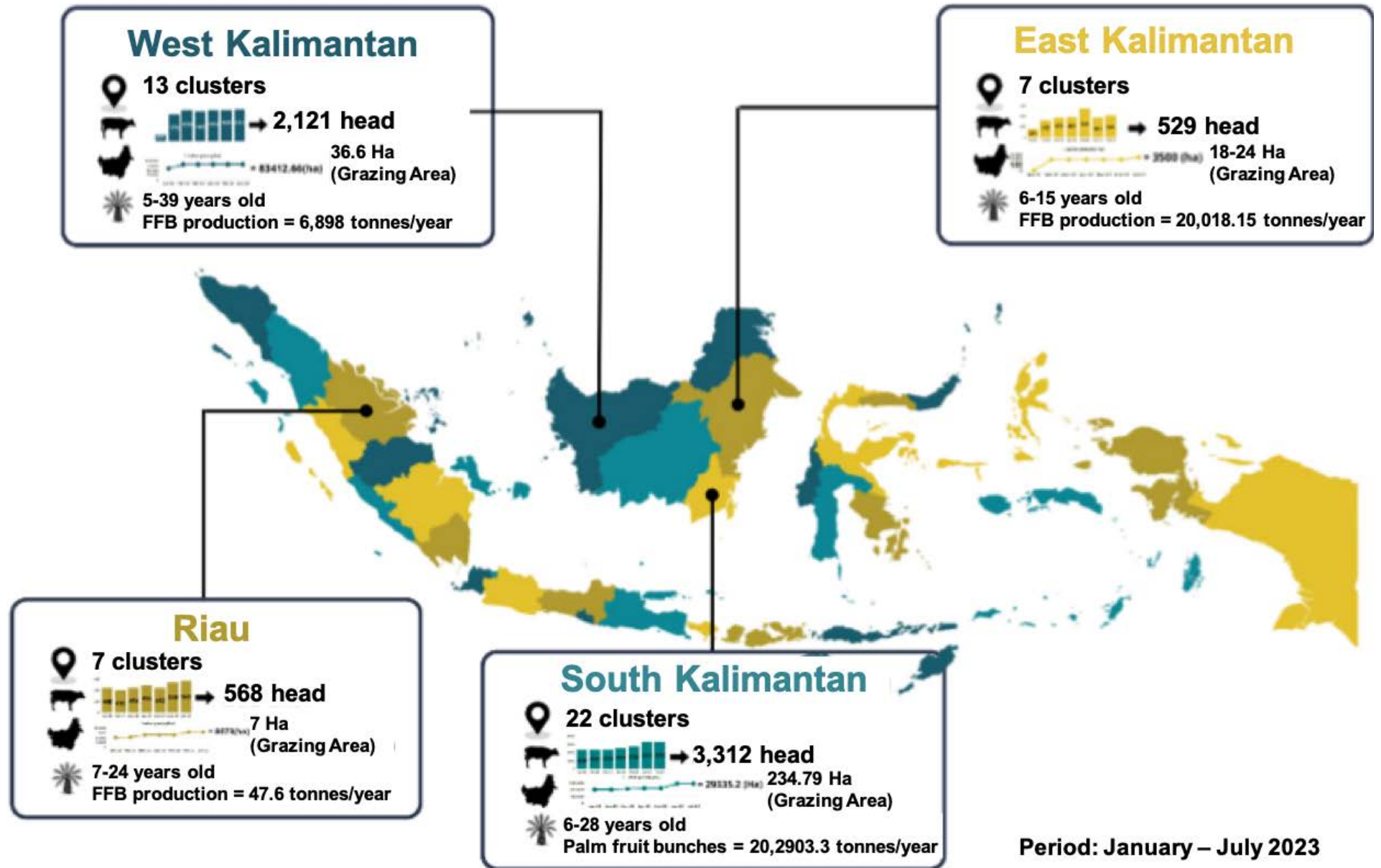
FAWO workshop with representatives from government, abattoirs and other relevant stakeholders in Medan, North Sumatra.



The Forum of Animal Welfare Officer (FAWO) project team continued strengthening animal welfare officer capacity and promoting animal welfare in Indonesia. On 16 August, the FAWO successfully delivered a workshop on animal welfare and traceability to 52 participants, including officials from the Agriculture and Livestock Office of North Sumatra, abattoir personnel, and other relevant stakeholders in Medan, North Sumatra. The workshop was conducted in collaboration with Indonesian Cattle Feedlot Owners Association (GAPUSPINDO) and was also supported by cattle exporters and importers. The workshop included a review of the slaughter processes and traceability systems in Exporter Supply Chain Assurance System (ESCAS) approved abattoirs around Medan, highlighting a number important potential improvements.

SISKA Supporting Project

Since 2021, the Partnership has been assisting, through the SISKA Support Program (SSP), the adoption and expansion of commercial SISKA systems (Cattle-Oil Palm Integration). SISKA entails commercial partnerships between oil palm companies and smallholder farmers.



49 Siska clusters in four Provinces

In July 2023, three new clusters had been added, which now total 49 across Indonesia. All now manage 6,530 cattle over 124,000 hectares of oil palm estates, an impressive outcome considering the project has only been operating for 1.5 years. Out of the 49 clusters, 12 have implemented rotational grazing using electric fences, a key Siska technical requirement, with 2 more clusters in Riau soon to follow.



Mobile Portable Stock Yard (MPSY) in Cluster Makmur Bersama, Tanah Bumbu district, South Kalimantan

One cluster, Makmur Bersama in the Tanah Bumbu district, received a Mobile Portable Stock Yard (MPSY) through another Partnership project. The MPSY facilitates better livestock recording and animal welfare practices and more efficient vaccinations. The MPSY is already helping farmers reduce the time required to identify and vaccinate cattle, with 60 head now only requiring two hours. Previously, taking one example in Moyo Hilir subdistrict, in Sumbawa, this could take up to 6 hours. The SSP, in collaboration with the South Kalimantan Livestock and Plantation Office, also monitored and evaluated progress of SSP and field training to several clusters, including in Makmur Bersama, and on the MPSY.

In West Kalimantan, the SSP also cooperated with the local Plantation and Livestock Office, and the Faculty of Veterinary Medicine of Airlangga University, to deliver feed processing and cattle reproduction training at the Siska Training Centre. The training drew 69 participants (21 female) from farmer group members, field facilitators, and government officials and equipped them with new knowledge on cattle health and reproduction and forage preservation.



Silage Processing Training in SSKA Training Center, Landak district, West Kalimantan.

SISKA is a relatively new cattle breeding model, so collaborative research and its dissemination is critical to industry growth. In July, SSP, in collaboration with the National Research and Innovation Agency (BRIN), facilitated research and disseminated the results, through the two SSKA SERIES webinars. One webinar - *SISKA Land Characteristics Dynamics* drew 125 participants, 68 female, and the other – *Using SSKA to Counter the Impact of Climate Change* drew 116 participants, 59 female.

Click here for further information - <https://bit.ly/SISKASERIES11> and <https://bit.ly/SISKASERIES12>

Upcoming Events

- Small Scale Commercial Livestock Training (Faculty of Animal Science of Mataram University) for eastern Indonesia area (Bali, West Nusa Tenggara/NTB, & East Nusa Tenggara/NTT): 11-16 September 2023
- Training of Trainers: Frontliner Training for Animal Diseases Outbreak Response: 4-7 September 2023
- NTI 360 Host Stations Placement: September-October 2023
- National Conference and Presidential Cup of Sheep and Goat Production: 16-17 September 2023

To stay updated on the latest news and activities please visit the Partnership website (<http://redmeatcattlepartnership.org>) and follow us on [LinkedIn](#), [Facebook](#), [Twitter](#) (@IAredmeatcattle) and [Instagram](#) (@IA.redmeatcattle).

Contact

The Indonesia Australia Partnership on Food Security in the Red Meat and Cattle Sector is a Heads of Government initiative funded by the Australian Government. The secretariat and policy lead is the Department of Agriculture, Water and Environment in Australia and the Indonesia Investment Coordinating Board (BKPM) in Indonesia.

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