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INDONESIA AUSTRALIA RED MEAT & CATTLE PARTNERSHIP

Increasing Productivity, Trade and Investment
in the Red Meat and Cattle Sector



Monthly Update

October 2022

Supporting the Cattle Corporation Village Program (SC2VP)

SC2VP Phase 1

SC2VP Phase 1 has come to its completion. Starting in July 2021, the project assisted two Cattle Corporation Village (CCV) Program locations - Lampung and Probolinggo – providing technical support in production and animal welfare, business and corporation management, and the promotion of cattle breeding within the wider community.

The project faced a number of significant challenges from its inception, including feed availability and farmer group readiness to take on cattle breeding business and financial management and cattle production. The project team delivered three key interventions areas - field school learning, small infrastructure and corporation management.

Field School Program

The project delivered 25 field school learning programs to 666 participants, 19% of whom were female. Topics covered included cattle production, feed and waste management, equipment/infrastructure, and facility management. Program facilitators were expert and professional in their field, such as Prof. Luki Abdullah from IPB University. Participant feedback was very positive with strong improvements in knowledge gained.

Small Infrastructure and Equipment Support

Feed booster. Soon after the Probolinggo CCV farmers received their cattle, the cattle's Body Condition Score (BCS) dropped to a concerning 1-2. An ideal BCS is 3-4. To quickly solve this issue the project distributed 64kg of feed concentrate to Probolinggo CCV which rapidly increased the BCS to the desired level.

Feed production equipment. Each of the 10 farmer groups (5 in Lampung and 5 in Probolinggo) received 200 cattle, each of which required 6 ton of feed per day. The farmer groups could not supply this, so the CCV program provided grass chopper machine with a capacity of 400 kg per hour, however this was insufficient. The SSC2VP provided an additional 10 mobile grass chopper machines with higher capacity of 2-4 ton per hour, allowing both farmer groups to provide the required 6 tons of feed per day to their cattle. To maintain feed supply during the dry season the program also provided 510 silage drums and 4 bunkers with total production capacity of 97 ton. In Probolinggo the project team helped with the installation and startup of a feed mill and with sourcing mixers and raw feed materials. The feed mill now operates with an average daily production of 0.62 ton. These project efforts were instrumental in helping the farmer with one of their key challenges – the sustainable production of high-quality feed.

Pasture Development. The project provided technical support, including field school training, to the CCV farmers in Lampung that allowed them to develop 18 hectares of new Pakchong and Indigofera pasture, which is a high-quality cattle feed. As local farmers saw the benefit, they also developed 7.5 hectares of new pastures, with the projects support.

Loading Ramp. To support cattle movement in and out of CCV facilities the project provided 7 permanent and 2 portable loading ramps to the two CCV locations.

Bio-Security Equipment. In response to the FMD outbreak the project also provided bio-security equipment that included sprayer tanks, disinfectant, dipping banks and protective clothing such as boots and gloves. The project team also delivered a series of information sessions on FMD to CCV farmer groups and developed a simple bio-security standard operating procedure that was shared amongst the farmers.

Corporation Management Support

The project team worked hard to establish an effective CCV corporation management structure. The Ministry of Agriculture's CCV project team were very committed to this work, reflected in the formal approval, in 2022, of a new CCV corporation statute and structure. The project also facilitated the development of various SOPs to support and guide efficient and effective production and business management. The project team also helped the CCV cooperatives develop business plan for various business units within each corporation, including for feed concentrate, forage, beef cattle and fertilizer production. A participatory approach that included a series of meetings and workshops, built commitment and agreement among all corporation members to these new ways of working.

Project Achievements

The SC2VP started with many challenges and ended with many achievements. The cow mortality rate in the beginning of the program was quite high, 6% in Lampung and 8% in Probolinggo. With the SC2VP interventions the mortality rate decreased to 0.74% in Lampung and 0.66 % in Probolinggo. Calf mortality also decreased in Lampung from 16% to 4.3 %, and in Probolinggo from a high of 60%, due largely to a lack of pen facilities for new born calves, to 18% at the end of

SC2VP Phase 2

SC2VP Phase 2 commenced in late June with ISPI (Indonesian Society of Animal Science) continuing to lead its delivery over 5 provinces, West Java, Central Java, East Java, Kalimantan East and South Sulawesi. In October the program commenced several FMD outbreak prevention initiatives including the provision of 25 sprayer units, disinfectants, cattle medicines and vitamins. The project team also developed and shared biosecurity and FMD standard operating procedures, posters and flyers and delivered several biosecurity trainings.

Similar to Phase 1, Phase 2 feed provision is the key challenge for all 5 locations. The project has now distributed 55 ton of feed concentrate for breeding cows in critical condition. The concentrate was provided at 3 kg/head/day for 2 months and has helped to improve the cattle BCSs. Some cattle still however have low BCSs and will need for further targeted support. To ensure the farmers do not need to continuously rely on feed concentrate, the SCV2P Phase 2 project helped develop 5 – 10 hectares of pasture and planning has commenced for the establishment of feed mills.

CCV farmers are also trying to solve the low pregnancy rate of their BX breeders. The pregnancy rate by Artificial Insemination (AI) was only 3% to 20%, due to the lack of experience of inseminators in AI for BX cattle, and of insemination. To SCV2P Phase 2 project has recommended that the CCV program provide breeding bulls for natural mating and to examine the reproductive physiology of the female cows.

The project is also rolling out a field school learning program with more than 90 participants so far. Topics covered include breeding management, feed management, animal health and waste management. The project team has also assisted the farmer groups with information sessions and trainings on corporation governance.

The SCV2P Phase 2 is clearly off to a very productive start.

The SC2VP is implemented in partnership with ISPI (Indonesian Animal Science Society). For SC2VP updates see: https://www.instagram.com/sc2vp_ispi/ and <https://www.instagram.com/sc2vp2/>

SISKA Supporting Project

The SISKA Supporting Project team continued to actively drive SISKA uptake throughout October. The team conducted another round of surveys of firms in South Kalimantan, interested in SISKA, to determine their potential. These included PT. Gawi Makmur Kalimantan; SINARMAS Group, Jhonlin Group, Eagle High Plantation Group, MINAMAS Group and PT KJW (Kintap Jaya Watindo). Technical assistance, focused on cattle identification and recording, was also provided to 10 clusters under SISKA KUINTIP program. The program promotes nucleus plasma SISKA model in South Kalimantan province.

The SSP project team continued to facilitate trainings for potential SISKA implementors, including through the MBKM (Freedom of Learning – MBKM - Program) that has just commenced. MBKM is an Indonesian ministry of education and culture program that allow university students to experience real world industry environments through internship, on the job training and exchange

The SSP project team also supported LSP Peternakan Indonesia (Indonesian Professional Certification Agency) to assess 33 participants of YESS SSKA (Youth Entrepreneurship and Employment Support Services Program) on SSKA Breeding Management. All 33 participants were assessed as competent in SSKA Breeding Management at an operator level – a certification initiated by the SSKA support program.



Gapensiska (SSKA enthusiasts forum), which was also initiated by the project, continued promoting SSKA expansion in Indonesia. In October, Gapensiska held a seminar on the *Potential of SSKA to Support Indonesia's Food Sovereignty* which drew 183 participants.

The SSP is implemented in partnership with PT. Simbiosis Karya Agroindustri, Buana Karya Bhakti Group. For further details of SSP project visit: <https://siskaforum.org/>. For those interested in learning more about SSKA visit: https://bit.ly/SSP_repository.

Skills Development Program

Forum Animal Welfare Officer (FAWO) Supporting Project



The FAWO Supporting project continued to strengthen FAWO institutional capacities via evident in FAWOs active promotion of animal welfare through various channels. For example, FAWO social media posts promoted animal welfare in abattoirs and the FAWO produced and aired a podcast with Mr. Joni Liano from Gapuspindo about the FMD outbreak. The forum was also involved in Livexchange 2022 in Darwin where the chairwoman of FAWO presented on the FAWO work promoting animal welfare in Indonesia. The FAWO also met with Meat and Livestock Australia to discuss potential collaboration on FAWO programs.

With the Partnership's support the FAWO has rapidly become a highly effective vehicle for promoting animal welfare throughout Indonesia.

MLA-RMCP Animal Health and Welfare Training Program

In collaboration with Meat and Livestock Australia, the Partnership's Skills Development Program conducted the first batch of the *Animal Health and Welfare Training* for veterinarians and animal health service officers. The program involved a two-day workshop on carcass management followed by a necropsy practical session at a feedlot and abattoir. The program will be rolled out in East Java, West Java, Lampung, Greater Jakarta, and North Sumatra over six months and aims to train 350 participants.



Central Lombok 1000 Cattle village Program Support

The Lombok based project team had a busy month in October. A key focus was to continue technical support the CCV farmers to allow them to adequately respond to the FMD outbreak. Technical assistance covered bio security protocol support, pen sanitation, and provision of

They also assisted the CCV farmers monitor the growth of Leucaena seedlings in their newly established nurseries. The rainy season is producing good seedling growth, which bodes well for the expansion of Leucaena as a main cattle feed source.



The project team also established a hygienic cattle slaughter process with farmer cooperative officials and provided a cattle crush and deboning table to support the hygienic slaughter process. The farmer groups with project support also trialed the use of a digital recording application that synchronizes data to the cloud. Farmers were impressed by the ease of its application and are keen to implement it across the cooperative.

Despite recent setbacks from FMD, the project, which completes in 2023 is on track to deliver excellent outcomes for the CCV farmers in Lombok.

Upcoming Events

- Cattle Reproduction and Health management Training for Veterinarians – Late November 22
- Small Scale Livestock Business Management Training – Dec 22
- Animal Welfare Officer Certification Program -Late November 22
- Animal Welfare and Health Workshop and Necropsy Training – Dec 22

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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