

SISKA SUPPORTING PROGRAM (SSP)

THE CHALLENGE



Indonesia's domestic beef production meets more than a half of the country's demand, 78% of which is produced by smallholder farmers.



Smallholder cattle production delivers low profits and is managed through subsistence farming.



Commercial scale ventures are high risk and deliver low returns on investment.

THE OPPORTUNITY

SISKA (Cattle-Oil Palm Integration) is an innovative model bringing together oil palm companies and smallholder farmers to form a mutually benefiting commercial partnership to manage cattle within palm oil plantations.



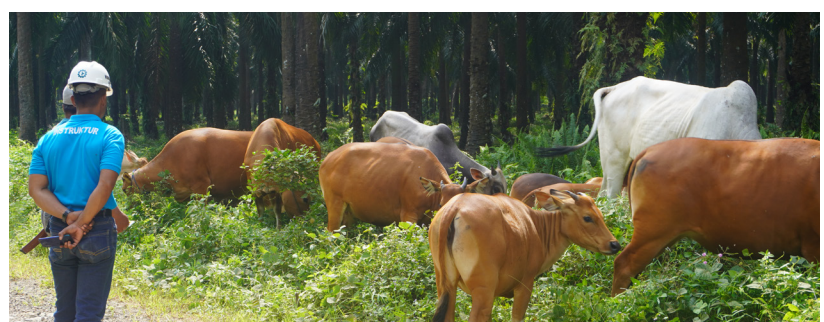
A 'WIN-WIN' FOR SMALLHOLDERS AND OIL-PALM BUSINESSES

- Oil palm waste-products provide a low-cost and nutritious feed supplement for cattle, which reduces costs for smallholder farmers.
- The grazing cattle reduce the use of herbicides and oil palm waste treatment costs for plantation owners and produces organic fertiliser which makes the oil plantations thrive.
- Electric fences allow cattle to rotationally graze within oil palm plantations, which reduces smallholder farmer labour costs, and prevents cattle theft and damage to young oil palm trees.
- The theft of oil palm fruit is also reduced as the smallholder farmers guard their cattle, and as a result the palm oil trees, 24 hours a day.



THE SISKA SUPPORT PROGRAM (SSP)

The SSP has been instrumental in driving the expansion of SISKA since 2021. Indonesia has over 16 million ha. of oil palm plantations, which parts of it is suitable cattle-oil palm integration. As of October 2023, SSP has supported the establishment of 50 clusters, in which 6,897 cattle are managed by 838 smallholders over 116,000 ha. of oil palm plantation.



SSP LOCATIONS

West Kalimantan

- Area : 13 clusters
- Cattle : 2,226 head
- Smallholder farmers : 256 (9 females)
- Businesses : 8 companies
3 state enterprises
2 independent*

Riau

- Area : 7 clusters
- Cattle : 589 head
- Smallholder farmers : 112 (1 female)
- Businesses : 4 private companies
1 state enterprise
2 independent*

East Kalimantan

- Area : 8 clusters
- Cattle : 471 head
- Smallholder farmers : 48 (6 females)
- Businesses : All independent

South Kalimantan

- Area : 22 clusters
- Cattle : 3,611 head
- Smallholder farmers : 422 (16 females)
- Businesses : 12 private companies
3 cooperatives

*Community run plantations

Update: October 2023

BHAKTI SURYA TRAINING CENTRE (BSTC) DEVELOPS A SISKA WORKFORCE

SSP supported Buana Karya Bhakti (BKB) to establish BSTC which is now upskilling the agricultural industry, strengthening knowledge and developing SISKA human resources. BSTC:



Provides nationally certified SISKA competency training for SISKA operators, supervisors, managers and smallholder farmers.



On-the-job training and internships for young generational farmers through programs from Ministry of Agriculture - YESS (Youth Entrepreneurs and Employment Support Services) and Ministry of Education, Culture, Research, and Technology - MBKM (Independent Campus - Freedom to Learn).

PROMOTING PRIVATE AND PUBLIC SECTOR PARTNERSHIPS

Set up by SSP, GAPENSISKA (Cattle-Oil Palm Integration System Actors and Observers Association) advocates for SISKA expansion and strengthens relationships between government and industry by:



Promoting research partnerships

GAPENSISKA, in collaboration with BRIN (The National Research and Innovation Agency) and local universities, have delivered 17 webinars, attracting 2205 attendees (over half were female) and covering a broad range of topics including *Using SISKA to Counter Climate Change*.



Influencing government policy and support to expand SISKA

The central government is supporting the integrated development of 10,000 cattle in South Kalimantan. The South Kalimantan Provincial Government, regional government-owned bank and SSP provided 11 electric fences for SISKA development in the province.

The West Kalimantan, East Kalimantan and Riau provincial governments have allocated resources for SISKA expansion. Advocacy is continued to be carried out for annual budgets allocation.

Assisted provincial governments to develop SISKA Roadmaps and Business Prospectuses.



Facilitating multi-stakeholder collaboration

Critical to promoting industry growth and resilience, GAPENSISKA has established strong working relations between plantations, livestock offices, associations in plantation and livestock sector, universities, farmers and cattle buyers.