

CONSTRAINTS & RECOMMENDATION ON INDONESIA'S DOMESTIC SUPPLY CHAIN

Study of domestic cattle supply chain from Kupang, East Nusa Tenggara to Jakarta



Priority Recommendations

Regulation and compliance
Reduce duplication and simplify documentation processes.

Capital expenditure
Invest in improved infrastructure of domestic cattle facilities associated dock/ship infrastructure.

Operational improvements
Improve cattle handling to increase size and breeding capabilities as well as on-board handling.

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Based on Indonesia's Logistics & Supply Chain Study, 2018

<http://bit.ly/IARMCSupplyChain>

DOMESTIC FARM

Constraints:

- **Inadequate:**
 - Nutrition.
 - Water provision.
 - Reproductive management & genetics.
- The local breeding model has limited commercial viability.

Recommendation:

- ✓ Increase protein provision and balanced vitamins/mineral.
- ✓ Improve grazing strategies.
- ✓ Provide water infrastructure investment.
- ✓ Controlled natural mating with superior bulls.
- ✓ Design a better local breeding model with the community.

TRANSPORT

Constraints:

- Cattle handling difficulties.
- High loading rate and poor design for cattle comfort.

Recommendation:

- ✓ Livestock handling education for young stock.
- ✓ Education of livestock transporters.

QUARANTINE

Constraints:

- Inadequately maintained handling and housing facilities.
- Inadequate of:
 - Nutrition and water provision.
 - Hygiene.

Recommendation:

- ✓ Facility upgrade or redevelopment.
- ✓ Minimum standar housing: frequently changed, bedding provision, the removal of manure and providing adequate nutrition. Automated feed and water supply is recommended.

LOADING

Constraints:

- Poor loading ramp design.
- Inhibitive dock dimensions.

Recommendation:

- ✓ Mobilize loading ramp, used for all truck unloading and loading dock redevelopment and expansion.

SHIPPING

Constraints:

- Unpredictable availability of space on the Camara Nusantara ship and poor booking system.
- Weight loss and mortality during shipping.
- Design shortfalls of vessel on-board operations.
- Inefficient documentation processes.
- Unloading at the destination port is not efficient.

Recommendation:

- ✓ Adopt an improved modern and efficient method of booking cattle placements on Camara Nusantara Vessels with improved scheduling.
- ✓ Appropriate provision of on board feed and water with secondary piping system to support back-up clean water.
- ✓ Upgrade on-board infrastructure with pens and ramps or non-slip flooring.
- ✓ Efficiency of documentation requirements.
- ✓ Upgrade on-board infrastructure.