



# CONTRAINTS & 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.



of domestic cattle facilities associated dock/ship infrastructure.

### **Operational improvements**

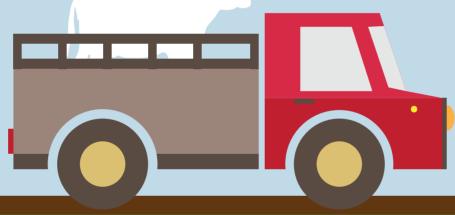
Improve cattle handling to increase size and breeding capabilities as well as on-board handling.



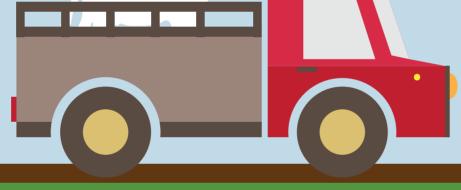
**Based on Indonesia's Logistics & Supply Chain Study, 2018** 

http://bit.ly/IARMCPSupplyChain

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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.

Constraints:

### → Poor loading ramp design.

→ Inhibitive dock dimensions.

### **Recommendation:**

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

- → 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.

## Constraints:

**DOMESTIC FARM** 

- → 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.

Constraints:

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

### **Recommendation:**

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























