

Assessment of Ngamiland Infrastructure

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Quarantines and Status in Ngamiland

- **KGOMOKGWANA.** 11500ha. Road very sandy and difficult to transverse, burned out by fire before 2011, never repaired, not in use.
- **NOKANENG.** 6400ha AI Station. Visited in May 2017, more than half of it by area has Mogau (*Dichapetalum cymosum*) a toxic plant that kills cattle. Elephant damaged. 16 ha of 32 ha camps rehabilitated.
- **MAKALAMABEDI.** 26500ha. Visited in October 2017, 10 paddocks (1 residential, 2 for AI, 1/7 ready), fencing stolen and rolled away in places, and broken by elephants in other. Currently used for quarantining breeding cattle into Ngamiland. When last used for live trade in 2010, there were borehole and water issues. Bush encroachment (*Acacia mellifera* and *Terminalia sericea*).
- **SHOROBE.** 26500ha. Some paddocks leased out to farmers, has not been used for over 10 years. Severely elephant damaged, bush encroached and few fences remain.
- All Quarantines currently under DVS Management. Infrastructure poor.
- All structures need renovation and upgrading.



Private abattoirs and Status in Ngamiland

- *Ngamiland Abattoir*
- Current capacity of 100 head per day; 12,884 head slaughtered in 2016.
- Exporting through Zambia to DRC (deboned in boxes).
- Currently adopting CBT processes for greater market access.
- Currently pays lower live weight prices for cattle than BMC Maun.
- Obligated to slaughter cattle for Maun's domestic market.
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- *Claremont Farming (Tozonga)*
- Recently completed, with a built capacity of 100 head per day.
- Likely to build a small feedlot to service high-end customers.
- Likely to develop a cooking plant to process cooked meat to go into South Africa, cutting plant.
- Obligated to slaughter cattle for Maun's domestic market.



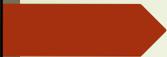
BMC Abattoirs that can service Ngamiland.

- *BMC, Maun*
- Capacity of 120 head per day; 20,000 head slaughtered in 2016.
- Cattle deliveries controlled by quota allocation committee.
- Sporadic use of live trade through Makalamabedi as and when CSC Bulawayo has funds.
- Has a cooking plant, but discontinued since 2013



BMC Abattoirs continued..

- *BMC, Francistown*
- Capacity of 400 head per day.
- Currently underutilized and consideration being given to shutting it down.
- Although it is currently EU export eligible, Francistown's EU kill is slaughtered in Lobatse, making Francistown abattoir irrelevant to EU exports.
- Francistown future lies in the development of offtake scenarios servicing the non-EU exporting zones of Botswana.



Local Meat processing units

- Beef Boys.
- Kalahari Meat Delhi
- Delta Meat Delhi

- All process whole carcasses for the Tourism Sector in Maun. Manufacturing at a small scale includes Breakfast beef sausage, Boerewors, Biltong, Kebabs, Salamis. Fillets are usually sourced locally but whole rumps, hindquarters and ribeye are sourced from the FMD free Zone of Botswana from Feedlot finished carcasses. Local seasonal supply is utilised when carcass quality is better (April to July).



Potential future business opportunities for Ngamiland

- Meat processing plant for export.
- Development of deli lines of cooked produce to supply regional and local markets.
- Development of feedlots in Quarantine facilities.
- Development of opportunities for providing roughage or silage from centre pivots near quarantine facilities, and fertilization of crops with feedlot manure and residues.
- Manual bush encroachment clearing out of quarantines with charcoal production.