

Mobile abattoirs

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A solution to RSA conditions

- Game
- Trophy/biltong hunting
- Small stock
- Cattle
- Small enterprises
- Emerging farmers
- Organic farming

Game

- Because game cannot be delivered alive to the abattoir the abattoir is taken to the game
- Reduce cost by cutting additional steps in the slaughter process
- Minimizing weight loss due to transport
- Prevent stress related diseases e.g. Shipping fever/capture myopathy
- Reducing cost by avoiding capture cost and translocation to sales.

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- Once off rectifying of breeding numbers on game farms allowing the animals to settle as opposed to biltong hunting that drags on through 4-6 months.
- Professional hunters minimising possible wounding of animals
- Etc.

Cattle and small stock

- Assisting emerging farmers accessing the commercial market without high cost of transport to approved abattoirs.
- Servicing a number of clients at one service point
- Immediate approval and chilling of carcasses

Safe meat principles

- The principle of safe meat for consumption is based on:
 - i. Controlled environment slaughter (Structure)
 - ii. Quality operations-slaughter techniques (Training)
 - iii. Healthy animals- Farm to fork (AM & PM inspections)

FMD Meat

- Control is based on two major principles:
 - i. Animal disease control-spread of disease.
 - ii. Meat safety control-hygiene and quality management & traceability.
- Safety of the meat dependent on pH drop under controlled temperature 2-7°C for 24 hours.
- Principle of commodity based trading-the more the product is processed the lesser the risk of spreading of the disease.

Mobile abattoirs' solutions to the FMD challenge.

- A Registered abattoir that has proven to slaughter a safe and clean carcass.
- Trained slaughterers and independent meat inspectors.
- A full electronic traceability system available to all involved the moment a chiller is filled and ready for maturation.
- A fully documented quality management system.
- All risk material disposed of within the controlled FMD zones according to requirements



Light weight and mobile



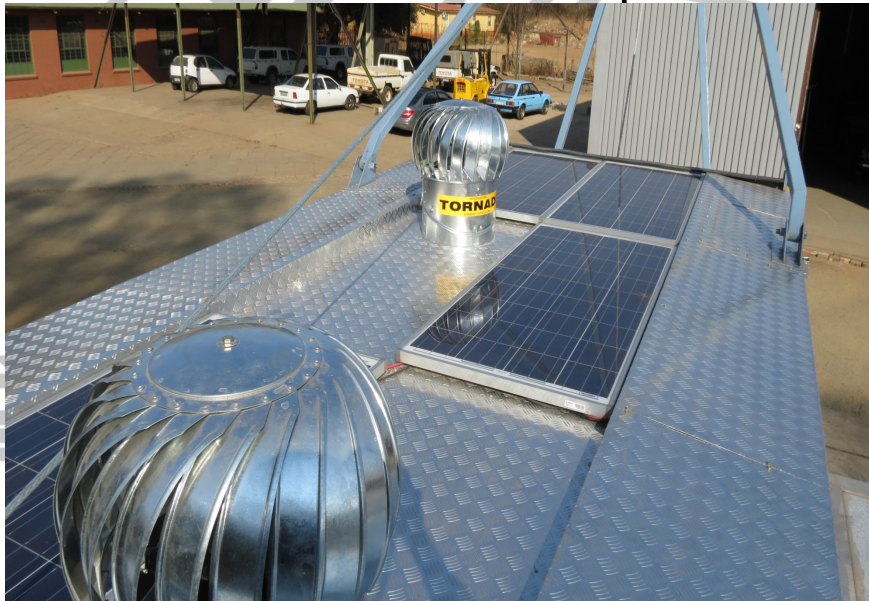
Stable slaughter unit 1/007G with outriggers



Chiller trailer with flush docking



Ventilators and solar panels



Deep cycle batteries, compressed air,
winch. gas for hot water



Chromodec walling with aluminium
floor and roof panels



Hand wash basin with sterilizer



Adjustable Rail & air curtains



LED lights for night slaughter



Bins for offal and inspection table



Receiving frame for harvested game



Boot wash



Deployment



Deployment



Platform



Crane deployment with two people



Chiller unit powered by solar power



Harvested carcass on the frame



Slaughter process



Planning a prototype mobile abattoir



The developing phase of unit 008



The Beefalow
abattoir in
developement



The birth of baby 009



Mobile abattoir deployment



Dr. T Bergh
Mobile abattoirs

