



Mary Louise Penrith

Extraordinary Professor, University of Pretoria

Demographics of pigs in Africa



Regional training course (Africa)

Import risk analysis for African swine fever

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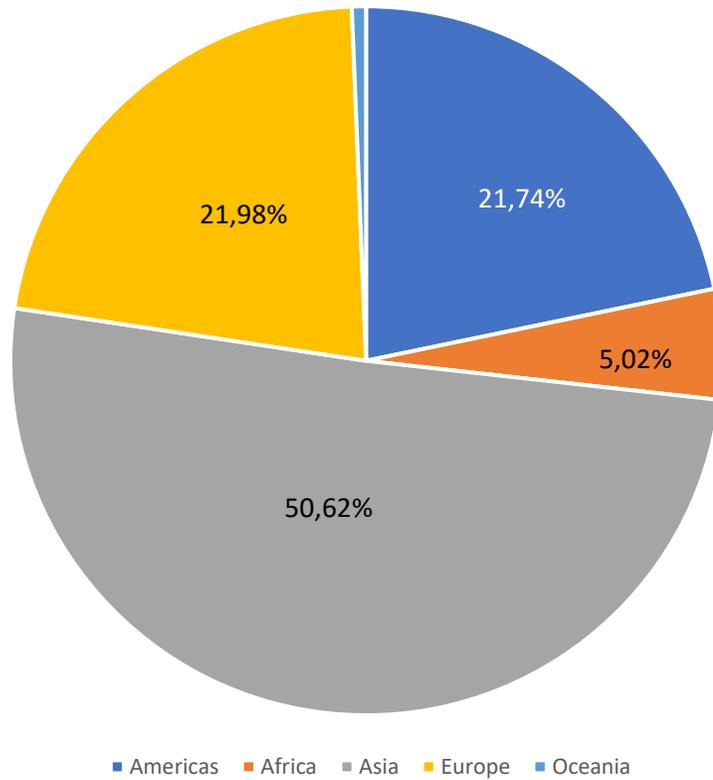


- Africa's share of the global pig population
- Proportionate distribution of pigs in Africa
- Importance of pigs in Africa
- Africa's pig genetic resources – breeds and adaptations
- Pig production systems in Africa
- A snapshot of how pigs and pork are traded
- Conclusion – Africa offers a very wide spectrum of pig production and trade practices, with a concomitant wide range of ASF risks!

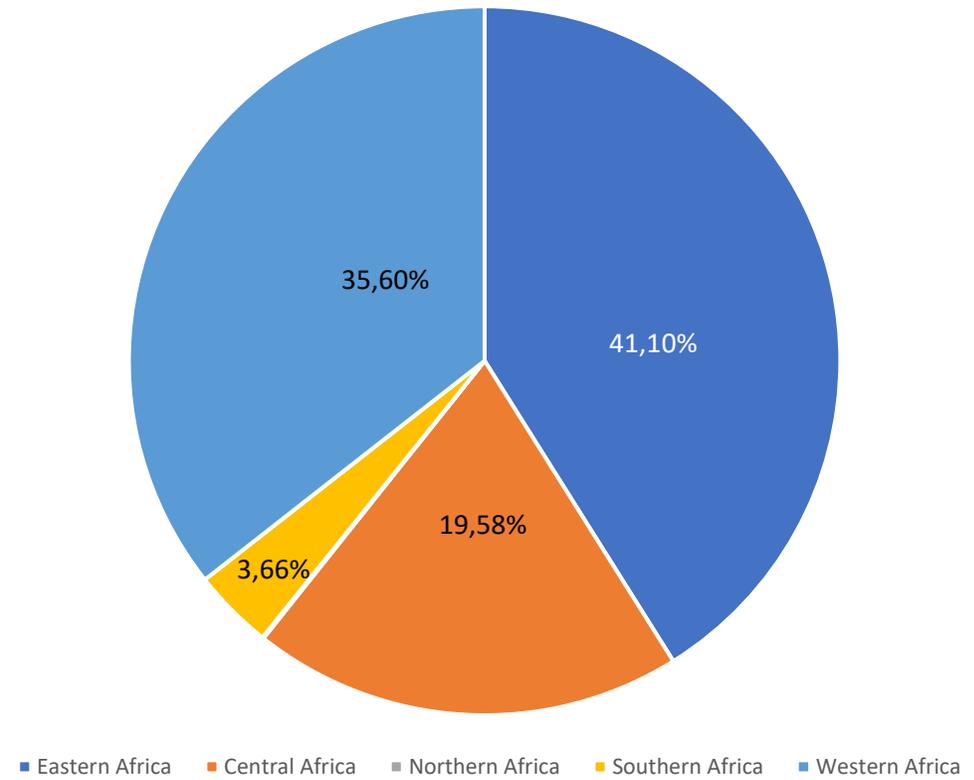
Pigs in context: Africa's global share and distribution per region

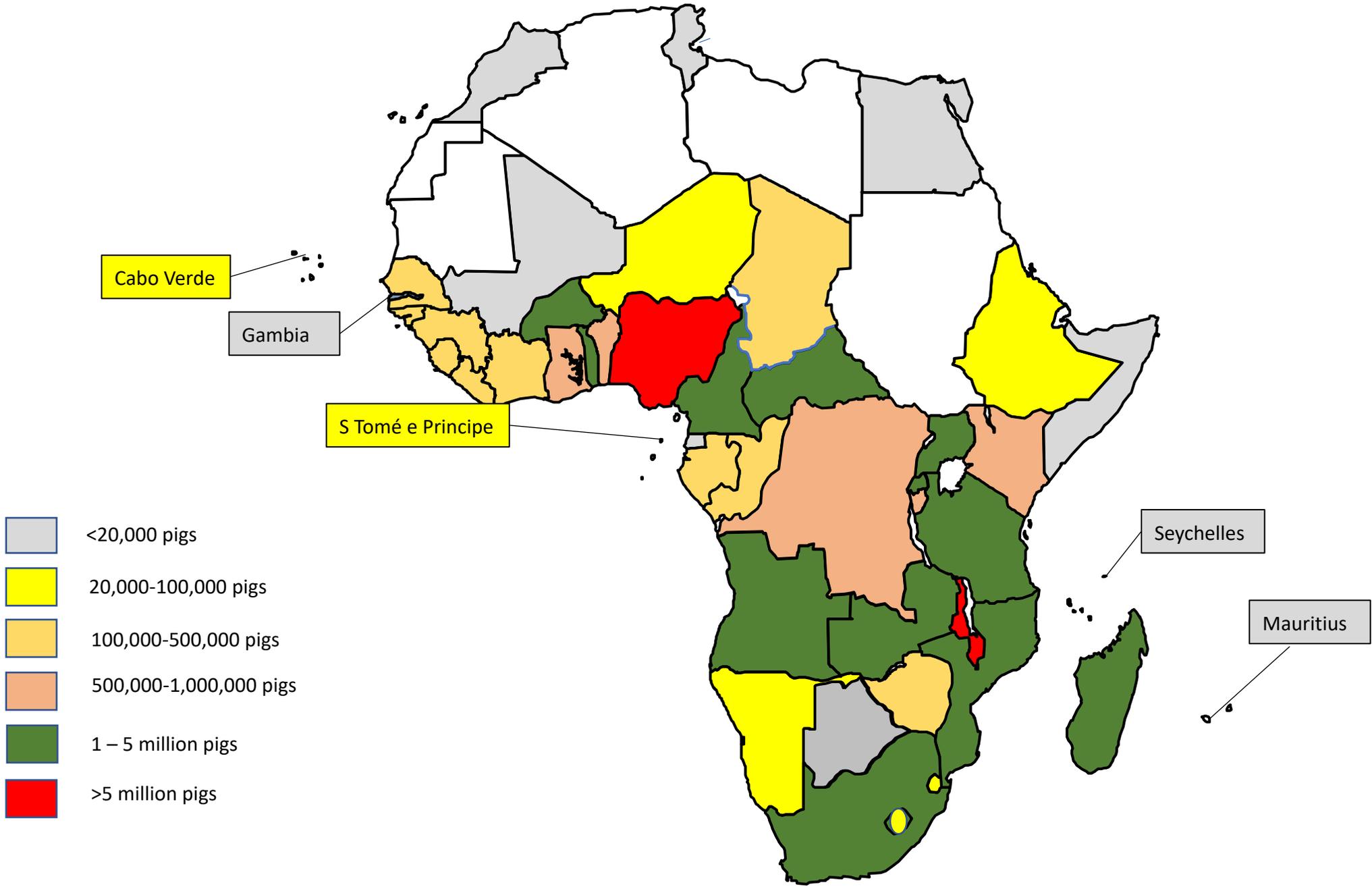


Distribution of pigs globally



Pig stocks per region in Africa







- Livelihoods, income generation
 - Short cycle species with modest requirement for land
 - Can thrive in low input production systems
 - Act as a mobile bank
- Food security and improved nutrition
 - Precocious and prolific – produce large amounts of affordable protein
- Ceremonies – weddings, funerals, bride price
- Other functions
 - Source of soap, lard, manure, bristles
 - Societal support – gifts to bereaved community members, rehabilitation after trauma and loss

Africa's genetic resources



Africa has some of the most unique and interesting pigs in the world



Africa's pig genetic resources



- From left to right: African village pigs; Duroc boar; Large White (most popular modern breed); hybrid piglets



Africa's pig genetic resources: respecting the ancestors



- From left to right: A Eurasian wild boar, game farm, South Africa; wild boar x domestic pig farmed for spit-roasting meat in South Africa; early domestic pig, descendant of pigs introduced into Mauritius by Dutch sailors ca. 450 years ago



Africa's pig genetic resources: special African breeds



- From left to right: Ashanti dwarf pig, Ghana; Korhogo pig, Côte d'Ivoire; Kolbroek pig, South Africa





Large scale commercial

- **Compartmentalised farms**
- South Africa: 65% of sector, free of ASF, CSF, FMD; includes some breeders/suppliers of genetic material
- Export of pork through designated abattoirs – 99% is exported to SADC region
- Zimbabwe – compartmentalisation has been implemented but we need more information
- **Commercial farms with a high level of biosecurity**
- Varying number in most countries in the region
- **Value chains**
- Slaughter at registered larger abattoirs; with documentation
- Pork destined for retail outlets and export (compartments)

Other

- Small scale, backyard, traditional, communal
- Pigs often bought and sold at live markets/auction yards
- May be sold through agents (middle men) who go from farm to farm
- May be slaughtered through large, medium or small abattoirs, local butchers or slaughter slabs; pork destination depends on abattoir
- May be slaughtered at home and meat sold locally
- Control of movement is difficult in this sector
- Cross-border value chains for pigs and pork exist; may operate continuously or in response to price differentials
- Movements linked to ceremonies and gifts occur
- Most ASF outbreaks occur in this sector due to lack of biosecurity

Overview of Africa's pig production systems



A wide spectrum, from free-ranging & scavenging to rustic & modern housing & compartments









Africa's pig and pork value chains: transport is variable



Africa's pig/pork value chains: live markets to formal sale & delivery



Africa's pork value chains: Slaughter: bush, home, slab, abattoir



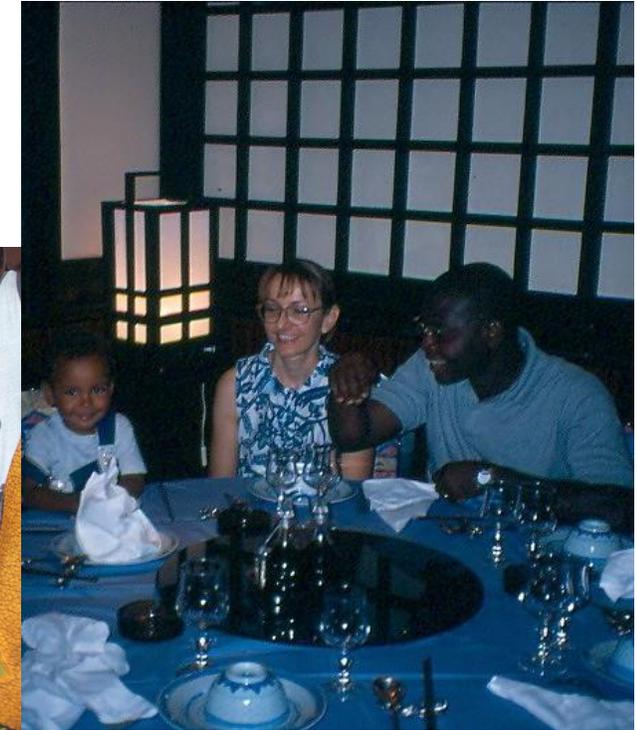
Africa's pork value chains: Retail via general/pork markets, shops, supermarkets



Africa's pig value chains: Where is the pork prepared and eaten?



- From left to right: Roadside outlets, pork grill bars, restaurants





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