Benefits of wildlife-based land uses on private lands in Namibia and limitations affecting their development

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Appendix Namibia Game Meat Questionnaire

Interviewer…… ……Date……

Background

1. Region……GPS/Map point……
2. District……
3. How much land do you own?
   Number of farms……Size……
   Farm name……Farm number……
   Farm name……Farm number……
   Farm name……Farm number……
   Farm name……Farm number……
   Farm name……Farm number……
4. How much land do you lease?
   Number of farms……Size……
   Farm name……Farm number……
   Farm name……Farm number……
   Farm name……Farm number……
   Farm name……Farm number……
   Farm name……Farm number……
5. Is (are) the farms part of a conservancy?
   ☐ Yes, conservancy name……conservancy size……
   ☐ No
   ……
6. Why did you become part of the conservancy?……
   ……
7. Why are you not part of a conservancy?
   ……
8. Do you have fencing around your property(ies)?
   ☐ No
   ☐ Yes, what type?…… …… ……
   …… ……

Land uses

9. Do you live on the farm?
   ☐ Yes ☐ No
10. Are you a full-time farmer, or do you have another job or income generating activity?
   ☐ Full-time farmer
   ☐ Part-time farmer, also work as……

11. What land uses do you practice on your properties, and what proportion of the ranch income do they generate in an average year?

Land use	Tick if yes	Proportion of ranch income
Agriculture	☐	
Livestock production	☐	
Photographic ecotourism	☐	
Trophy hunting	☐	
Biltong hunting	☐	
Shoot-and-sell	☐	
Cropping/harvesting of game for meat (with culling team)	☐	
Management hunts (non trophy tourist hunts)	☐	
Own use	☐	
Live game sales	☐	
Other, please specify….		

12. If any of the following forms of wildlife use are not conducted, please explain why you do not practice them.

Land use	Reason for not practising land use
Livestock	
Photographic ecotourism	
Trophy hunting	
Biltong hunting	
Shoot-and-sell (sale of meat)	
Cropping/harvesting of game for meat (with culling team)	
Management hunts (non trophy tourist hunts)	
Live game sales	

13. How many employees do you have on the land that you own and/or lease?
(Is this for owned ☐ or leased land. ☐ or all land owned or leased ☐)
……..
14. How many people live on the properties that you own and/or lease (employees and families, and dependants, not including the farmers own family)
(Is this for owned ☐ or leased land. ☐ or all land owned or leased ☐)
……..
15. If the farmer has livestock. Would you consider removing all livestock and farming with just game in future?
☐ Yes, because……..
☐ No, because……..
16. For farmers in conservancies. If the conservancy proposed that all farmers switch to purely game farming, remove all internal fences, and that the conservancy construct a single fence around the perimeter and reintroduces all indigenous animals that the law permitted to the area, would you be supportive of such a move and be willing to include your land?
☐ Yes, because……..
☐ No, because……..
17. Do you have guest accommodation on the farm?
☐ Yes ☐ No
18. If so, how many beds (not rooms) do you have?
……..

19. If you do have guest accommodation, what type of clients is it used for?
    □ Tourists □ Hunters □ Conferences □ Business meetings □ Other
20. If you are involved in ecotourism, approximately how many tourists visit your property per annum on average?
    ……
21. How many ecotourism bed nights to you have on average?
    ……

Wildlife

22. Please estimate the approximate population sizes of each of the following species on your property (PREDATORS, JUST ASK PRESENCE/ABSENCE)
    (Is this for owned □ or leased land. □ or all land owned or leased □)
    Specify number of farms and land area……

Species	Population size on your property
Blesbok	
Elephant	
Eland	
Duiker	
Giraffe	
Hartebeest	
Impala (common)	
Impala (black-faced)	
Kudu	
Oryx	
Ostrich	
Roan	
Sable	
Springbok	
Steenbok	
Tsessebe	
Warthog	
Waterbuck	
Wildebeest, black	
Wildebeest, blue	
Zebra, Hartmann's	
Zebra, plains	
Other (specify)	
Cheetah	
Hyaena, brown	
Hyaena, spotted	
Leopard	
Lion	
Wild dog	
Cattle	
Sheep	
Goats	
Horses	
Donkeys	

23. What is your basis for the above population estimations?
……

24. Do you think that wildlife populations in your area have been increasing, staying stable or decreasing during the last 5 years?
□ Increasing
□ Staying stable
□ Declining
Why?……

25. Approximately how many animals of the following species are killed/extracted per year from your property through the means listed below?
(Is this for owned □ or leased land. □ or all land owned or leased □)
Specify number of farms and land area……

Species	Trophy hunting		Biltong hunting		Game harvesting		Shoot-and-sell		Management hunts		Own use		Live sale
	M	F	M	F	M	F	M	F	M	F	M	F	M
Blesbok													
Duiker													
Elephant													
Eland													
Giraffe													
Hartebeest													
Impala (common)													
Impala (black-faced)													
Kudu													
Oryx													
Ostrich													
Springbok													
Steenbok													
Warthog													
Waterbuck													
Wildebeest, black													
Wildebeest, blue													
Zebra, Hartmann's													
Zebra, plains													
Other (specify)													

26. For any of the above forms of wildlife utilization do you kill animals that are not adults? If so, please specify the proportion of the total killed that are not adult for each utilization type ……

Meat production

27. What do you do with meat from the following sources (provide %)

Species	Trophy hunting	Game harvesting	Biltong	Shoot-and-sell	Management hunts	Own use
Use at own guest accommodation						
Personal consumption (you or family)						
Give as farm worker rations						
Sell as farm worker rations						
Give to local communities						
Sell to local communities						
Sell processed meat through your own butchery						
Sell unprocessed meat through your own butchery						
Sell to other butchery						
Sell to culling team						
Other, please specify…						

28. How much game meat do you give to workers per week on average during the year? ……
29. How much meat from domestic animals do you give to workers per week on average during the year? ……
30. What proportion of your meat is sold/disposed of in the following formats, and what price do you get for each category?

	%	Price
Carcasses		
Unselected cuts (wet/frozen)		
Selected cuts (e.g. rump, sirloin, etc.)		
Processed (biltong/droewors)		
Other		

31. Is there a price difference between meat sold from different sources (e.g. trophy hunting, shoot-and-sell, culling, management hunts)?

	Price
Trophy hunting /management hunts	
Shoot-and-sell	
Culling	

32. Does the price of meat vary by season? If so please provide examples and make sure they specify the source of the meat; e.g. if it is from trophy hunted animals, or shoot-and-sell, or culled animals (write in NAD values)
    ☐ No
    ☐ Yes
    Examples……
    ……
33. If the price varies by season, what proportions do you sell at the different prices?
    ……

34. Does the price of meat vary by species?
    □ No
    □ Yes
    Examples……
    ……
35. What factors presently limit your ability to generate income from selling game meat from the various forms of meat utilization?
    ……
36. Are there any government regulations that affect the profitability of game meat production?
    □ No……
    □ Yes, if so, which ones and how……
    ……
37. Do you have any suggestions on what could be done to enhance the profitability of selling game meat?
    ……
38. Would you be willing to participate in commercial game-cropping enterprises if better systems were developed to export game meat to EU markets?
    □ No, why not……
    □ Yes, if so, how……
39. Do you think that game meat currently contributes significantly to food security in Namibia?
    □ No, why not……
    □ Yes, if so, how……

Background information

40. Age (estimate)……
41. Highest level of education……
42. Mother tongue……