

IDENTIFYING THE DRIVERS OF A LOCAL DEMAND FOR AFRICAN BUSHMEAT IN WESTERN COUNTRIES



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BUSHMEAT

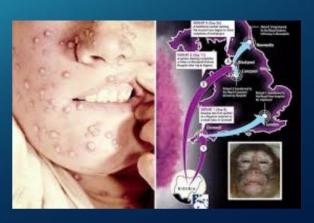
What is it?

Who eats it?

What diseases are associated with the hunting, preparation and consumption of bushmeat?

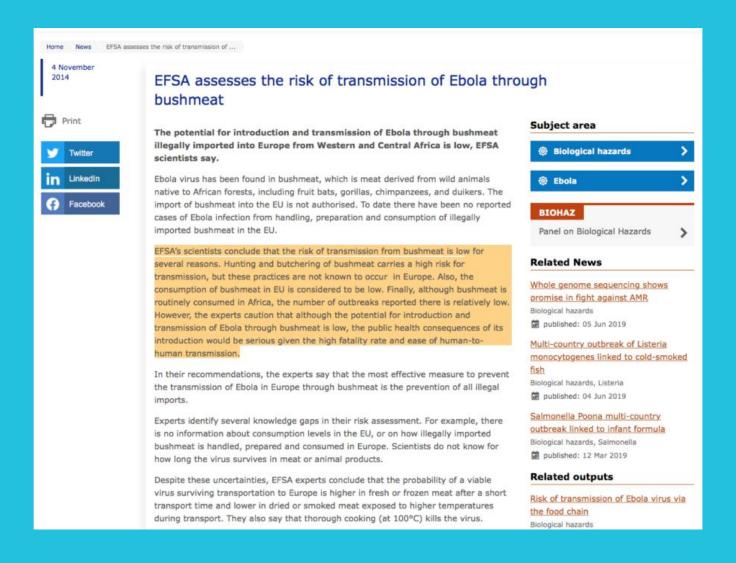








JUSTIFICATION AND AIMS





METHODS: STUDY DESIGN

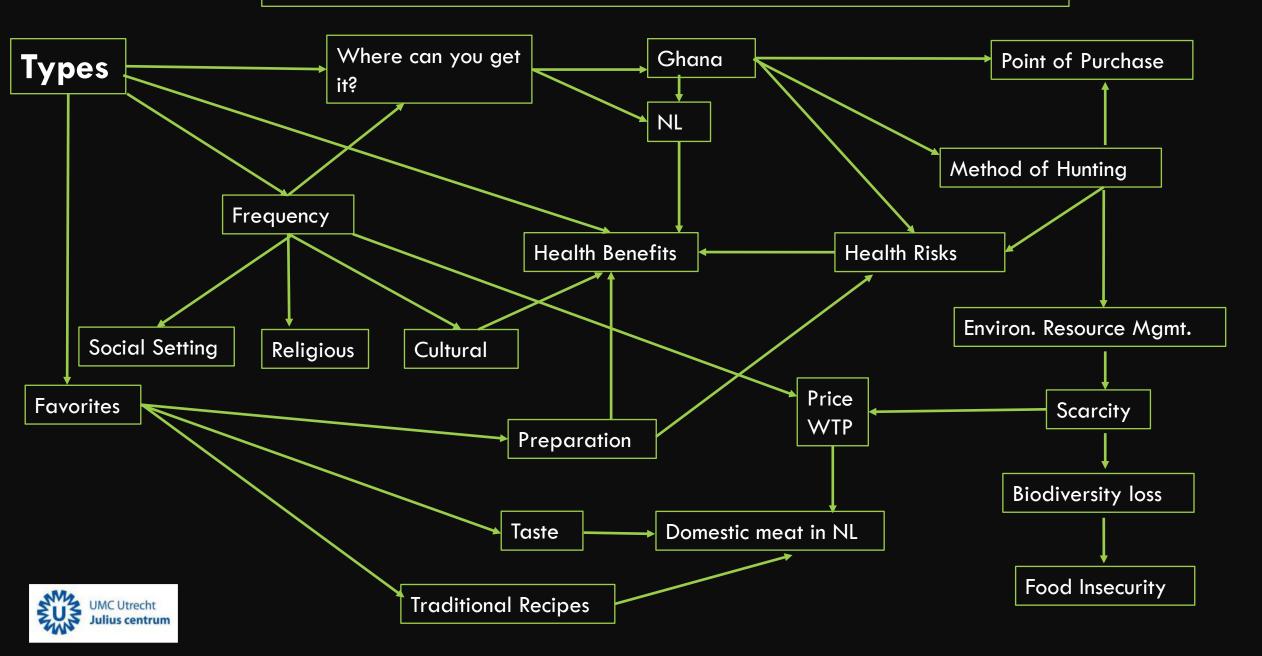
- Qualitative
- Focus Groups
- Perceptions of and incentives to consume African bushmeat within the Ghanaian community residing in Amsterdam, Netherlands
- Recruitment and human subject protection
- A pilot and 3 focus group sessions
- ~10 individuals per session
- Average session length 90 minutes



METHODS: DATA COLLECTION

- Two moderators
- Multidisciplinary Research Team: Epidemiologist, Global Health Expert and Anthropologist
- Introduction and verbal consent at the beginning of each session
- Discussions and Questionnaires
- Participants were assigned a number to maintain anonymity and confidentiality
- A discussion map was used

A Study of African Wild Meat Consumption in the Netherlands – Discussion Guide





METHODS: LIMITATIONS

- Sample size
- Ghanaian participants originated from one region of Ghana
- Possibility of an Underestimate/Overestimate

African Focus Group Results - Data Compilation 2018-2019		Percentage	Rounded off Percentage
Age			
18-29	1	0.035714286	4%
30-50	5	0.178571429	18%
51-65	17	0.607142857	61%
65-80	5	0.178571429	18%
Total	28		
Participant			
Ghanaian	28/28		
Gender			
Female	13	0.464285714	46%
Male	15	0.535714286	54%
Total	28		
How long have you lived in the Netherlands?			
<1 year	2	0.071428571	7%
5-10 years	3	0.107142857	11%
11-25 years	5	0.178571429	18%
26-35 years	14	0.5	50%
36-50 years	4	0.142857143	14%
Total	28		
How often do you travel to your country of origin?			
Less than once a year	9	0.33333333	33%
1-2 times a year	14	0.518518519	52%
More than 2 times a year	4	0.148148148	15%
Total	27		



METHODS: DATA ANALYSIS

- Audio recorded
- Transcribed
- Note-taking to record nonverbals
- Independent observer
- Open sourcing/Axial coding

Open Sourcing/Axial Coding

Steps taken:

- Know your biases and standpoints going into the research project
- · Identify social, economic and personal characteristics that may impact the way you present your data
- Initial Coding memo-ing- re-coding
- Initial coding go back change/break-down coding
- Analyses is an iterative and ongoing process
- Look for cause-effect themes
- How is data interpreted and represented? Grounded codes.
- Avoid cherry-picking

Coding key

Pink	Luxury Item/Status symbol
D.Blue	Willingness to Pay (WTP)/ Bushmeat Price Comparison - Ghana vs. Netherlands
Yellow	Drivers of the demand (ie, Taste, culture, strength, nutrition)
Green	How to avoid infection / Health considerations
Purple	Generational changes in bushmeat consumption
Red	Species
Orange	Local Demand & Trade Routes/Methods of Acquiring meat locally
Liblue	Methods of hunting



SUMMARY OF FINDINGS

- There is a local demand for African
 Bushmeat in the Netherlands *
- African bushmeat is a status symbol item *
- There is a high Willingness to pay (WTP) *
- Health perceptions -African bushmeat vs locally sourced meat *
- Culture and Food Preparation Taste *

- Species
- Hunting Methods
- Generational Changes

RESULTS: LOCAL DEMAND

- Discussions included the different amounts of time it takes for bushmeat to be delivered and the costs involved
- Individual imports vs organized trade
- 84% of respondents state that they acquire bushmeat from friends or a local butcher (questionnaire)
- ~ 8% bring it over themselves (when adjusted for none answers)
- Discussions across all focus groups indicated that there is no intention to stop consuming African bushmeat
- 17% of respondents eat bushmeat > 10 times a year

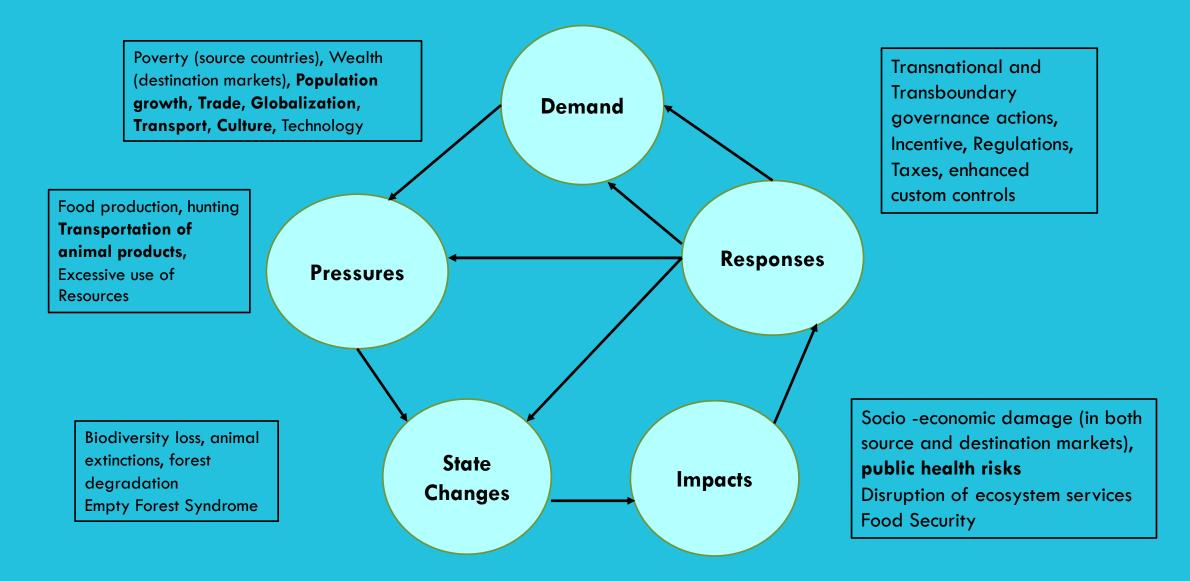
RESULTS: STATUS SYMBOL & WILLINGNESS TO PAY

- Participants describe that serving Akrantie, large cane rat, for friends and family is a symbol of prestige and gives them a sense of pride
- Price may not reflect how endangered a species may be
- A upward trend in prices?
- The participants described how to balance the purchase of ABM with the budgeting that takes place to ensure that the rent and bills can also be paid
- African bushmeat vs local meat
- African bushmeat vs European sourced wild meat

RESULTS: HEALTH PERCEPTIONS

- The risks that may exist from possibly contaminated meat are outweighed by the perceived nutritional value of African wild meat
- Tastes differ between participants who prefer meat that is smoked/very dry and those who prefer a pink center
- Uncertainty about where the meat is sourced and how it is killed -poison, formaldehyde
- Perceptions of health risks associated with hunters who find dead carcasses in the forest

DISCUSSION



Modified DPSIR Diagram Kristensen, 2004



LESSONS LEARNED

- A demand exists for African bushmeat in the Netherlands
- Misconceptions about the drivers of a local demand for African wild meat in western countries
- Health considerations may be a major driver of bushmeat consumption in western countries
- There is a very low perceived risk of disease
- An Underestimation of the demand for African wild meat, throughout the EU, is likely

NEXT STEPS: RESPONSE

- An EU assessment of the local demand for unregulated African meat in all EU member states
 - An economic analysis of willingness to pay (WTP)
- Execution of an EU sponsored collaborative study on the quantity and quality of unregulated African meat imports into EU member states
- A coordinated effort from all appropriate
 Ministries, Health Agencies, Customs and the
 private sector

