

LOGIC PROJECT

Interview guide: Individual interviews (IDIs)

Hello, my name is [interviewer's name]. I am a researcher from the University of Ghana. I am involved in a research study called 'The Living Off-Grid - Food And Infrastructure Collaboration (LOGIC). This study is being conducted with the University of Ghana, University of Cape Town, the Institute for Development Studies (IDS), University of Sussex and the Indian Institute for Human Settlement (IIHS). I would like to ask if you would participate in this study by answering some questions. These questions will either be asked in person, (COVID protocols permitting) or as part of a WhatsApp call interview?

Before you decide to join, I would like you to understand the purpose of the study and what would be expected from you if you decide to participate in the interview. Please take time to read the following information carefully and discuss it with me and or others if you wish. You will be mailed a copy of this information sheet for you to keep.

Purposes of IDIs

The purposes of these interviews are twofold.

First, to deepen our understanding of how household food managers experience the systems, specifically, to:

- gain insights into the role of social, economic and infrastructural characteristics of the home environment in affecting diets and how this interacts with other systems;
- explore why household food managers may not use other infrastructure grids as detailed in earlier contextual reviews of the sites;
- explore why household food managers may not use other infrastructure grids as described as serving the communities by key informant interviews;
- understand which of the infrastructure grids best serve the needs of the households and why;
- understand the types of urban infrastructure assemblages experienced by the most marginalised and how do they interact with food consumption, markets and supply?
- understand how such assemblages affect people's food and nutrition challenges and add to other forms of urban precarity?

Second, the interviews will gather information about what households are eating. We will ask about typical meals at different times of the month, who makes food decisions, how they prepare and store food, where is food acquired, frequency of food acquisition, and non-food expenditure. These questions will be followed up with questions about how those choices are influenced by infrastructure.

In the context of COVID19, we will ask questions that ask about food and infrastructure access and use during the pandemic.

IDI questionnaire and demographic questions



The Living Off-Grid - Food And Infrastructure Collaboration (LOGIC)
Study — Interview guide In Depth Interviews

Notes to interviewer:

- Please reword questions as appropriate based on the needs of the participant that you are interviewing
- Please ensure to ask the demographics questions after completing the formal interview questions, i.e. after Q21

Thank you so much for agreeing to be interviewed today.

1. Could you tell me about the appliances available to you in your home?

Do you have any of the following:

	Description	At home
	Electric or biofuel two plate stove	
	Electric oven and top hob cooker	
	Gas stove (on top of cylinder) - CADAC-type	
	Paraffin stove	
	Open fire	
	Outdoor cooking area	
	Tupperware or plastic container	
	Bucket or other stand alone storage	
	Open shelves specific for food storage	
	Cupboards either fixed or stand alone	
	Fridge and/or freezer, or both	
	Electric or gas chest freezer	

2. Access to infrastructure

Do you have access to the following:

	Description	Response
	Electricity in home	
	No electricity – describe what is used	
	Portable toilet 'Mshengu'	
	Flush toilet connected to sewerage	
	Bucket toilet	
	No immediate toilet facilities in home or yard	
	Taps and water inside dwelling	
	No tap in home but inside yard	
	Community stand pipe	
	Water delivered by tanker (city or relief service)	
	No supplied water access. Access via alternative means	
	No access to water, obtain elsewhere (at work, public toilets, etc)	
	Access to regular refuse removal	

3. What is the main source of fuel/energy used to cook and prepare the food consumed in your household?
 - a. What are other “secondary fuel/energy” sources used?
 - b. For the main source of energy, please rate the quality of supply (good average or poor)?
 - c. If you could have different energy for food preparation, what would this be?
4. Please describe the other household infrastructure?

- a. What is the primary source of water in your household?
 - i. What is the quality of water supply?
 - ii. How stable is your water supply?
 - iii. Do you use different sources of supply?
 - iv. If yes, why do you use different water sources?
 - b. What is the main sanitation source [toilet] used in your household?
 - i. How reliable is the sanitation that you use?
 - ii. If maintained by City, what is the frequency of maintenance?
 - iii. What is the frequency of cleaning?
 - iv. How safe is the use if outside the home?
 - c. What is your main source of transport?
 - i. Do you have close access to public transport?
 - ii. What is the quality of road infrastructure near your home?
 - iii. Is the road infrastructure regularly maintained?
 - iv. What determined the transport types used by your household?
 - v. Do you need to use transport to buy food?
 - d. What is the quality of communication and internet connection in your household?
 - i. What is the main type of phone used in your household?
 - ii. What is the main instrument used to access the internet?
 - iii. Can you tell me the main reasons for using the internet?
5. Can you describe the average meals consumed in your household?
- a. Could you describe the average breakfast eaten in your household?
 - b. Does this differ for different household members? If so, why?
 - c. Could you describe the average midday meal eaten in your household?
 - d. Does this differ for different household members? If so, why?
 - e. Could you describe the average evening meal eaten in your household?
 - f. Does this differ for different household members? If so, why?
 - g. How often are meals not eaten but snacks are consumed? If so, why?
 - h. How does infrastructure influence the foods that you purchase?
 - i. How does infrastructure influence what you prepare? Please describe this in more detail.

6. What in your community would make it easier for you to eat healthier?
7. What are the main sources of food purchased for your household?
8. I wonder if you could cast your mind back to when you bought food for your last family meal. Could you talk me through the trip?
 - a. Where did you buy the food? Why did you buy it there?
 - b. What else did you buy? Why? Did you buy anything you did not intend to?
 - c. What did you try to be careful not to buy? Why?
 - d. Did you go with your child/children to shop? Why?
 - e. Was it a typical shopping trip for you? What made it normal or different?
 - f. Where else do you usually shop? What do you get there? Why?
 - g. Have these shops and/or vendors changed anything about your day-to-day life?
9. Please could you rate these in terms of how frequently you purchase from these sources of food?

Typology	Frequency				
	At least 5 days a week	At least once a week	At least once a month	At least once in six months	At least once a year
Street seller					
Spaza					
House shop					
Small store					
Wholesaler					
Market					
Maize miller					
Cooked food vendor					
Urban agriculture					
Food borrowed from others in neighborhood					
Food sent from relatives in City					
Food sent from relatives in rural areas					
Fast Food Outlet					
Small store (Superette)					
Supermarket					

10. Which food outlet best serves the needs of your household? (note to interviewer, this might be different to the outlet used most frequently)
 - a. Can you explain why?

- b. What type of food outlet would you prefer in your community?
 - c. Why is that outlet type preferred?
11. Could you talk about how infrastructure influenced the way you purchase food?
- a. Infrastructure in your household?
 - b. Infrastructure in your community?
 - c. Infrastructure in your city?
12. Could you cast your mind back to when you arrived in this settlement and reflect on the state of infrastructure then.
- a. Has it improved or deteriorated since then?
 - b. In what ways has it improved or deteriorated?
 - c. Have some infrastructures improved, and others deteriorated?
 - d. Please describe how and why you say that?
13. How do you usually prepare food in your household?
- a. For those who cook: How do you usually cook your food?
 - b. How is the paraffin/electricity/water supply in your house?
 - c. Does this influence your ability to cook?
 - d. For those who included packaged snacks/prepared food/formula: What influenced you?
14. Let's talk a little about your meals now with your family?
- a. Could you please talk about breakfast? What is your son or daughter eating? Does s/he like the meal? What does s/he say about it? (follow up: how about a breakfast s/he does/doesn't like?)
 - b. Could you talk a bit (more) about dinner? Could you picture your son/daughter eating? What are they eating? What do they say about it?
 - c. What do you eat during the day, between breakfast and dinner? (Follow up: How do you feel about this? Are there days when you feel better/worse?)
 - d. Could you talk about who decides what to buy?
15. What do you think makes the food in this community unhealthy?

16. What government policies and programmes play the greatest role in the foods that you access?:
- Which ones are they aware of/affected by?
 - Ask how the systems influence their capacity to respond to them?
17. Could you please talk a bit about times when you work (or are away from home)? (if applicable)
- How do you get to work?
 - How long does it take for you to get to work?
 - When do you leave for work?
 - What transportation do you use?
 - When do you come back from work?
 - What do you usually do when you get back from work?
 - How long do you usually spend preparing food every day?
 - What kinds of things do you do when preparing food (cutting food/cooking/ etc.) - probe regarding access to water, electricity/gas, space to cook etc.
18. Could you talk a bit about money for food, and how you plan for food for the month? (who in your household decides?)
- Do you know how much you spend on food for you and your family each month?[estimation is fine]
 - How much do you spend on infrastructure related costs for your family each month? [transport, energy costs, water costs, storage costs, etc.?]
 - Are there other costs that influence the foods that you are able to purchase?
 - Who decides how much you spend on food?
 - How does this cost compare to other priority costs for your household? [explore]
 - Could you talk a bit about what foods you are always able to buy, and which foods you only buy occasionally/never (follow up around luxury versus non-luxury items, setting aside money for basic food baskets, etc.).
19. Infrastructure is often assumed to be about the following key physical infrastructures such as: energy, water, sanitation, transport and communication. However, we are mindful that other forms of community infrastructure play important roles in most communities. Please could you comment on the

state of the following “social infrastructures” in your community:

- a. access to education,
- b. access to health facilities and services,
- c. access to recreation facilities

20. For these social infrastructures, could you provide some information on the following:

- a. how do people access schools and educational facilities (including ECDs)
- b. how much do you spend on school fees and what proportion of your monthly salary does this comprise (small amount, nearly half, even more than half)?
- c. how much do you spend on health service (including transport to these services) and what proportion of your monthly salary does this comprise (small amount, nearly half, even more than half)?

21. Could you explain how these costs, both financial and time related impacts how much is spent on access to basic infrastructure like electricity, water and sanitation, transport and communication?

22. Could you explain how these costs, both financial and time related impacts how much is spent on access to food?

23. Tell me about lockdown

- a. What money were you able to access for food?
- b. How much more money are you getting now, compared to before lockdown?
- c. How else has your income changed over the past few months?

24. What, in your community would make it easier for you to eat healthy?

- a. [bring in findings from immersive processes and walk through of sites]

25. Can you talk to me about how the community engages food and the food system?

- a. Are they buying clubs in this community?
- b. Are there other food networks in this community?
- c. If you have issues relating to food quality from local shops, how do you respond?
- d. Please could you describe how community members help each other out in respect of infrastructure access?

- e. Please could you describe how community members help each other out in respect of food access and dealing with those who face hunger?
- f. Please could you describe how community members help each other out in respect of infrastructure and or hunger faced by vulnerable groups in the community?

Demographics (to be asked after the formal interview has concluded)

1. Participant's age:
2. Number of household members:
3. Highest Level of Education of household head:
4. Length of time residing in [locality]:
5. Length of time living in that home:
6. Employment:

	Full time	Part time	Seasonal/piecework	None
Household head				
Other family member				
Other family member				
Other family member				
Other family member				

7. Does any member of the household receive any form of grant or social protection?

- a. If so, please detail:

Type of Aid	Yes	No
a. Child Support Grant	1	2
b. Older Person's Grant	1	2
c. Disability grant	1	2
d. Grant-in-Aid	1	2
e. Care Dependency Grant	1	2

f. War veterans grant	1	2
g. Foster child grant	1	2
h. Food vouchers	1	2
i. Food for work	1	2
j. Unemployment Insurance	1	2
k. Grants for pregnant women	1	2

Interviewer to ask about the following:

8. Which if the following best describes the setup of this household?

a. Female Centered (No husband / male partner in household, may include relatives, children, friends)	1
b. Male Centered (No wife / female partner in household, may include relatives, children, friends)	2
c. Nuclear (Husband / male partner and wife/ female partner with or without children)	3
d. Extended (Husband / male partner and wife/ female partner and children and relatives)	4
e. Single person household (Respondent lives alone)	5
f. Other (specify):	6