

## Annex: Data analysis plan – R2R

### Mapping Key Informant Tools

#### Mapping tool – Neighborhood guided walk

Research questions	Sub Research Question	IN#	Data collection method	Indicator Group	Indicator / Variable	Questionnaire Question	Instructions	Questionnaire Responses	Data collection level	Sampling	Maps planned?
	NA		KI Interview	Enumerator Code	Enumerator Code	Enumerator code			Individual Level		
	NA		KI Interview	Introduction note	Introduction note	Dear Bulama XX, we are from IMPACT, and we are conducting this assessment to understand the urban area you are living in better. Today, we would like to conduct with you a walk/drive around the place which you would describe as your neighborhood. With neighborhood we refer, to the place which you describe as the neighborhood you belong to, your people live in and which you supervise as a traditional leader. You were			Individual Level	Purposive	

						<p>selected for the assessment because we identified you as very knowledgeable about your neighborhood. Therefore, we would like to ask you to walk/drive around the boundaries of the place you call your neighborhood . This assessment is part of a project which aims to improve the living conditions of the people in Maiduguri. However, you will not receive anything for participating, and if you choose not to participate it will not affect your ability to receive humanitarian services. The information you provide will be treated confidential. The walk/drive will take about 30 minutes. Do you agree to participate?</p>					
			KI Interview	Consent	Consent	Do you agree to start the guided walk now?	Yes No	Individual Level	Purposive		

2. What are three suitable pilot neighborhoods for the actions of the consortium within the identified settlement areas of Maiduguri, Nigeria?	2.1. What are the perceived neighborhood boundaries by the population within the identified settlement areas of Maiduguri, Nigeria?		KI Interview	Neighborhood Boundaries	Neighborhood Boundaries by (GPS-Points)	Please walk with us now the boundaries of the place which you call your neighborhood.		GPS-Points (via GPS tracker)	Neighborhood Level	Purposive	YES
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## General neighbourhood characteristics KI tool

Research questions	Sub Research Question	IN#	Data collection method	Indicator Group	Indicator Variable	Questionnaire Question	Instructions	Questionnaire Responses	Data collection level	Sampling	Maps planned?	Kobo details
N/A	N/A	N/A	KI Interview (KOBO)	Enumerator Code	Enumerator Code	Enumerator code			Individual Level			
1. Which neighborhoods in Maiduguri are facing challenges in relation to high IDP density and hazards?	N/A	N/A	KI Interview (KOBO)	Introduction note	Introduction note	Dear respondent, we are from IMPACT, and we are conducting this assessment to understand the neighbourhood / community you are living in better. We would like to conduct this quick survey with you to get some more knowledge about your neighbourhood which you just identified. So we will ask you now a couple of questions related to demographics, natural and human-			Individual Level	Purposive		

						<p>made hazards, and potential other informants. You were selected because we identified you as very knowledgeable about your neighbourhood.</p> <p>This assessment is part of a project which aims to improve the living conditions of the people in Maiduguri. I need to mention that, you or your community will not receive anything for participating at the survey, and if you choose not to participate it will not affect ability of your community to receive humanitarian services. The information you provided will be treated confidential. This survey will take 15 to 20 minutes.</p>						
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1. Which neighborhoods in Maiduguri are facing challenges in relation to high IDP density and hazards?	N/A	N/A	KI Interview (KOBO)	Consent	Consent	Do you agree to start the interview now?		Yes No	Individual Level	Purposive		Skip logic
2. What are three suitable <sup>1</sup> pilot neighborhoods for the actions of the consortium within the identified settlement areas of Maiduguri, Nigeria?	NA	A.1.1	KI Interview (KOBO)	General characteristics	Gender of respondent	KI Gender?	Do not ask this question aloud	Male Female	Individual Level	Purposive	No	
	NA	A.1.2	General characteristics	General characteristics	Role of respondent	What is your role in this neighbourhood?		Bulama Other	Individual Level	Purposive	No	

<sup>1</sup> The selection criteria for the three most suitable neighborhoods are: Essential services able to meet needs of population, IDP density and Hazard exposure

	NA	A.1.3	KI Interview (KOBO)	General characteristics	time respondent living in the neighborhood by (years & months)	How long have you been living in this neighborhood?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	More than five years Between three and four years Between one and two years More than six months Less than six months I do not live in this neighborhood I do not know	Individual Level	Purposive	No	
	NA	A.1.4	KI Interview (KOBO)	General characteristics	Name of neighborhood	How do people call this neighborhood?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	text	Neighborhood Level	Purposive	No	

	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.5	KI Interview (KOBO)	General characteristics	Name of neighborhood	Are there any other names, people call this neighbourhood?		Yes No	Neighborhood Level	Purposive	No	
	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.6	KI Interview (KOBO)	General characteristics	Name of neighborhood	Could you please name all the other names of this neighbourhood?		text	Neighborhood Level	Purposive	No	Skip logic



	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.7	KI Interview (KOBO)	General characteristics	Name of adjacent neighborhood	Can you list the names of the adjacent neighbourhoods?	Hint: If possible, start with the neighbourhood that is located in the north and then go clockwise, meaning north, east, south, west	text	Neighborhood Level	Purposive	No	
	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.8	KI Interview (KOBO)	Population size	Population size in the neighborhood by (# of people)	How many people live in this neighbourhood?	Hint: IDPs AND HOST community together in one number. Unit : Individuals	integer	Neighborhood Level	Purposive		

	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.9	KI Interview (KOBO)	Population size	Average size of HH	What is the average size of household in this community?		decima	Neighborhood Level	Purposive		
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	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.10	KI Interview (KOBO)	Population size	Household population size in the neighborhood by (# of HH)	How many households in total live in this neighborhood ?	Hint: Hint: IDPs AND HOST community together in one number. Unit : Individuals	integer	Neighborhood Level	Purposive		
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	<b>1.3. Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?</b>	<b>A.1.11</b>	KI Interview (KOBO)	Displaced people	Existence of IDPs	Are there any internally displaced people living in this neighborhood?	Internally displaced persons (IDPs) are: Persons or groups of persons who have been forced or obliged to flee or to leave their homes or places of habitual residence, in particular as a result of or in order to avoid the effects of armed conflict, situations of generalized violence, violations of human rights or natural or human-made hazards, and who have not crossed an internationally recognized State border	Yes No I do not know	Neighborhood Level	Purposive	No	
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	1.3. Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?	A1.12	KI Interview (KOBO)	Displaced people	Type of IDP camp	Where do displaced people live in this neighborhood?	<p>Informal camps: They are a group of tented of other types of housing units established by the IDPs themselves or by non-experienced actors, often erected on land that the occupants have no legal claim to. The IDPs do intend to stay in this location for an extended period.</p> <p>Formal Camp: The structures that are established by an accountable humanitarian actor and to the extent possible, meet the minimum SPHERE standards. The site was chosen by the humanitarian</p>	<p>Formal camp sites</p> <p>Informal camp sites</p> <p>Residing with the host communities</p> <p>I dont know</p> <p>Other</p>	Neighborhood Level	Purposive		Multiple Select Skip logic
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							<p>actor and, where possible, the infrastructure was established before the arrival of some IDPs</p> <p>Residing with the host communities: IDPs living with host families rather than in organized camps</p>						
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	1.3. Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?	A1.13	KI Interview (KOBO)	Displaced people	Type of IDP camp (other)	If other, please specify!	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Text	Neighborhood Level	Purposive	No	Skip logic
	1.3. Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?	A1.14	KI Interview (KOBO)	Displaced people	IDP Household population size in the neighborhood by (# of IDP HH)	How many IDP Households live in this neighborhood at the moment?	Hint: By household, we mean people (not necessarily family members), living at the same address and who share their living expenses (food, rent etc.) and living spaces (such as sleeping, living and cooking areas)	Integer	Neighborhood Level	Purposive	No	Skip logic

	<b>1.3. Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?</b>	<b>A.1.15</b>	KI Interview (KOBO)	Returnees	Existence of Returnees	Are there any Returnees living in this neighborhood?	Hint:  By Returnees, we refer to people who have returned to their locations of origin after being displaced.	Yes No I do not know	Neighborhood Level			Select One
	<b>1.3. Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?</b>	<b>A.1.16</b>	KI Interview (KOBO)	Returnees	Returnee Household population size in the neighborhood by (# of Returnee HH)	How many Returnee Households live in this neighborhood at the moment?	Hint:  By household, we mean people (not necessarily family members), living at the same address and who share their living expenses (food, rent etc.) and living spaces (such as sleeping, living and cooking areas)'	Integer	Neighborhood Level	Purposive	No	Skip logic



	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.17	KI Interview (KOBO)	Population characteristics	Languages are spoken by the population in the neighborhood	What languages do people speak in this neighborhood?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Bura English Fulfulde Glavda Guduf Gwoza Hausa Higi Jukun Kanuri Kare Kare Kibaku Marghi Shuwa Arabic / Chadian Arabic Tiv Waha Zalidiva Other	Neighborhood Level	Purposive	No	Multiple Select
	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.18	KI Interview (KOBO)	Population characteristics	Languages are spoken by the population in the neighborhood by (other)	If other, please specify!		Text	Neighborhood Level	Purposive	No	Skip Logic

	<b>2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.19</b>	KI Interview (KOBO)	Population characteristics	Tribes people in the Neighborhood belong to	Which tribes do people in this neighborhood belong to?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Kanuri Babur bura Shuwa Arabs Marghi Fulani Hausa Kibaku Kanakuru Ngoshe Tera Mobbar Kanembu Malgwa/Wan dala Kanembu Cibak Gwoza (Waja) Dghwede Gvoko Cinine Jedi Mandara Lagwan I dont know I dont want to answer Other	Neighborhood Level	Purposive	No	Select Multiple
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	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.20	KI Interview (KOBO)	Population characteristics	Tribes population belongs to (other)	Please specify which other tribes people belong to?		Text	Neighborhood Level	Purposive		Skip Logic
	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.21	KI Interview (KOBO)	Admin location	Name of the LGA the neighborhood is belonging to	Could you give us the name of the LGAs the identified neighborhood is located in?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Multiple Selection	Neighborhood Level	Purposive	Yes	

	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.22	KI Interview (KOBO)	Admin location	Name of the ward the neighborhood is belonging to	Could you give us the name of the wards the identified neighborhood is located in?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Multiple Selection	Neighborhood Level	Purposive	Yes	
	2.5 What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.23	KI Interview (KOBO)	Protection	Movement restrictions for people in the neighborhood	Are people able to move freely around in the neighborhood without feeling unsafe?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Yes No	Neighborhood Level	Purposive	No	

	2.5. What are the key characteristics and demographics of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.24			Movement restrictions for people in the neighborhood	If no, why not		Text	Neighborhood Level		No	Skip logic
	2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.25	KI Interview (KOBO)	Health	The opportunity of people living in the neighborhood to access health services by (yes/no)	Is there an opportunity for people living in the neighborhood to access health services?	These health services can include clinics, physicians, mobile clinics, primary health care center, pharmacies, etc.	Yes No	Neighborhood Level	Purposive	No	

	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.26</b>	KI Interview (KOBO)	Health	Availability of health services within the neighborhood by (yes/no)	Are any health services offered WITHIN the neighborhood?	These health services can include clinics, physicians, mobile clinics, primary health care center, pharmacies etc.	Yes No I do not know	Neighborhood Level	Purposive		Skip Logic
	<b>2.3. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.27</b>	KI Interview (KOBO)	Health	The ability of Health services within the neighborhood to meet people's needs	Are the health services offered WITHIN the neighborhood sufficient to meet people's needs?	These health services can include clinics, physicians, mobile clinics, primary health care center, pharmacies etc.	Yes No I do not know	Neighborhood Level	Purposive	No	Skip Logic
	<b>2.3. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.27.1</b>	KI Interview (KOBO)	Health	The ability of Health services within the neighborhood to meet most people's needs	If not, why not?		text	Neighborhood Level	Purposive	No	Skip Logic

	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.28</b>	KI Interview (KOBO)	Nutrition	The opportunity of people living in the neighborhood to access nutrition services	Is there an opportunity for people living in the neighborhood to access nutrition services?	For feeding children, babies and support pregnant and lactating women	Yes No I do not know	Neighborhood Level	Purposive	No	
	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.29</b>	KI Interview (KOBO)	Nutrition	Availability of nutrition services within the neighborhood by (yes/no)	Are any nutrition facilities located WITHIN the neighbourhood?		Yes No I do not know	Neighborhood Level	Purposive	No	Skip Logic

	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.30</b>	KI Interview (KOBO)	Nutrition	The ability of nutrition services within the neighborhood to meet peoples needs	Are the nutrition services WITHIN the neighborhood sufficient to meet most people's needs?	If we are talking about the neighbourhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Yes No I do not know	Neighborhood Level	Purposive	No	Skip Logic
	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.30.1</b>	KI Interview (KOBO)	Health	The ability of nutrition services within the neighborhood to meet peoples needs	If not, why not?		text	Neighborhood Level	Purposive	No	Skip Logic
	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.31</b>	KI Interview (KOBO)	education	The opportunity of people living in the neighborhood to access education services	Is there an opportunity for people living in the neighborhood to access education services?	If we are talking about the neighbourhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Yes No I do not know	Neighborhood Level	Purposive	No	



	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.32</b>	KI Interview (KOBO)	education	Availability of education services within the neighborhood by (yes/no)	Are any education services located WITHIN the neighborhood?	We are talking of pre-school, primary school, secondary schools, and other education facilities at the same time	Yes No I do not know	Neighborhood Level	Purposive	No	Skip logic
	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.33</b>	KI Interview (KOBO)	education	The ability of education services within the neighborhood to meet peoples needs	Are the education services such as primary and secondary education WITHIN the neighbourhood sufficient to meet most people's needs?	Hint: If we are talking about the neighbourhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Yes No I do not know	Neighborhood Level	Purposive	No	Skip logic
	<b>1.2. Which neighborhoods are facing a lack of access to basic</b>	<b>A.1.33.1</b>	KI Interview (KOBO)	education	The ability of education services within the neighborhood to meet	If not, why not?		text	Neighborhood Level	Purposive	No	Skip logic

	services in Maiduguri?				peoples needs							
	2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.34	KI Interview (KOBO)	NFI & FI	The opportunity of people living in the neighborhood to purchase food & non-food items	Is there an opportunity for people living in the neighborhood to purchase core food and core non-food items?	Hint: core food is the food people need the most. Hint: core NFIs are NFIs people need the most	Yes No I do not know	Neighborhood Level	Purposive	No	

	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.35</b>	KI Interview (KOBO)	NFI & FI	Availability of selling locations WITHIN the neighborhood	Are any selling locations for the above items located WITHIN the neighborhood?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant  Examples: Vegetable shop, Shop for clothes, Food shop, Butcher, Bakery, Public market etc.	Yes No I do not know	Neighborhood Level	Purposive	No	Skip logic
	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.36</b>	KI Interview (KOBO)	NFI & FI	The ability of sell locations within the neighborhood to meet people's needs	Are the selling locations of food and NFI WITHIN the neighborhood sufficient to meet people's needs?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant Examples: Vegetable shop, Shop for clothes, Food	Yes No I do not know	Neighborhood Level	Purposive	No	Skip logic

							shop, Butcher, Bakery, etc.					
	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.36.1</b>	KI Interview (KOBO)	NFI & FI	The ability of selling locations within the neighborhood to meet people's needs	If not, why not?		text	Neighborhood Level	Purposive	No	Skip logic
	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.37</b>	KI Interview (KOBO)	WASH	Type of water access for people living in the neighborhood	How do people living in the neighborhood currently access water for household consumption (including from sources both WITHIN and OUTSIDE of the neighborhood)?	Hint: The respondent can select more than one option	Public water network connected to their house Public wells Private wells Free Water trucking Self Paid Water trucking Stationary Water sellers Surface water (river, lake, etc.) Water cart (paid) i do not know Other	Neighborhood Level	Purposive	No	

	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.38</b>	KI Interview (KOBO)	WASH	The ability of water access points within the neighborhood to cover the needs of people living within the neighborhood	Are the water access points WITHIN the neighborhood enough to cover the needs of the population in the neighborhood?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Yes No I do not know	Neighborhood Level	Purposive	No	Skip logic
	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.38.1</b>	KI Interview (KOBO)	WASH	The ability of water access points within the neighborhood to cover the needs of people living within the neighborhood	If not, why not?		Text	Neighborhood Level	Purposive	No	Skip logic
	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood</b>	<b>A.1.39</b>	KI Interview (KOBO)	WASH	the general quality of water from the water access points within this	What is the general quality of water from the water access points WITHIN this neighborhood area?		very_good good moderate bad very_bad	Neighborhood Level	Purposive	No	

	d population within the identified settlement areas of Maiduguri, Nigeria?				neighborhood area							
	2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.40	KI Interview (KOBO)	WASH	availability of public latrines within the neighborhood	Are there any public latrines located WITHIN the neighborhood?	Hint: If we are talking about the neighbourhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Yes No I do not know	Neighborhood Level	Purposive	No	
	1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?	A.1.41	KI Interview (KOBO)	WASH	the ability of public latrines within the neighborhood to cover the needs of people living in the neighborhood	Are the public latrines WITHIN the neighborhood enough to cover the needs of the population in the neighborhood?		Yes No I do not know	Neighborhood Level	Purposive	No	Skip logic

	2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.42	KI Interview (KOBO)	WASTE MANAGEMENT	Type of garbage disposal of the people within the neighborhood	How do people dispose of their garbage within the neighborhood?	Hint: The respondent can select more than one option	Garbage collection Formal Garbage Dumps Informal Garbage Dumps Garbage Burning Other	Neighborhood Level	Purposive	No	
	2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.43	KI Interview (KOBO)	WASTE MANAGEMENT	Type of garbage disposal of the people within the neighborhood	Other, please specify!		Text	Neighborhood Level	Purposive	No	Skip Logic

	2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.44	KI Interview (KOBO)	ELECTRICITY	Type of electricity access of people within the neighborhood	How are people accessing electricity within the neighborhood?	Hint: The respondent can select more than one option	Private Generator Public Generator Electricity network Alternative electricity sources (e.g., Solar Power) Do not Know Other	Neighborhood Level	Purposive	No	
	2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?	A.1.45	KI Interview (KOBO)	ELECTRICITY	Type of electricity access of people within the neighborhood	Other, please specify!		Text	Neighborhood Level	Purposive	No	Skip Logic



	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.46</b>	KI Interview (KOBO)	ELECTRICITY	The ability of electricity available within the neighborhood to cover needs of people living in the neighborhood	Is there sufficient electricity to meet people's needs in the neighborhood?		Yes No I do not know	Neighborhood Level	Purposive	No	
	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.47</b>	KI Interview (KOBO)	Roads	Accessibility of neighborhood by firefighter vehicles and ambulances	In case of emergencies, are firefighter vehicles or ambulances able to access most of the neighborhood?	Hint: If we are talking about the neighborhood, we are always talking about the area WITHIN the boundaries just identified by the key informant	Yes No I do not know	Neighborhood Level	Purposive	No	
	<b>1.2. Which neighborhoods are facing a lack of access to basic services in Maiduguri?</b>	<b>A.1.47.1</b>	KI Interview (KOBO)	Roads	Accessibility of neighborhood by firefighter vehicles and ambulances	If not, why not?		Text	Neighborhood Level	Purposive	No	Skip logic

	<b>2.3. Which essential services in the neighborhood meet the needs of the neighborhood population within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.48</b>	KI Interview (KOBO)	Roads	Road conditions inside of the neighborhood	What are the general road conditions in this neighborhood?	Hint: Roads means all ways which are large enough that a vehicle (car, keke etc.) could pass it. Including roads made of sand, stone or asphalt	very_good good moderate bad very_bad	Neighborhood Level	Purposive	No	
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.49</b>	KI Interview (KOBO)	Natural Hazard Profile	Type of natural hazard affecting this neighborhood	Was this neighborhood affected by one of the following natural hazards in the last five year?	Hint: Just the neighbourhood area prior identified by the Key informant. The respondent can select more than one option.	Flooding WildFire Drought Extreme Temperature Storms Disease & epidemics outbreaks Insect/ animal diseases No natural hazards Do not Know Other	Neighborhood Level	Purposive	No	

	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.50</b>	KI Interview (KOBO)	Natural Hazard Profile	Impact of floods on the population in the neighborhood	How would you rate the impact of flooding on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the infomaterial provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive	No	Skip logic
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	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.51</b>	KI Interview (KOBO)	Natural Hazard Profile	Impact of wildfire on the population in the neighborhood	How would you rate the impact of WILD fire on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training if you have any problem to recoup the definition. Please refer to the info material provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive		Skip logic
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.52</b>	KI Interview (KOBO)	Natural Hazard Profile	Impact of droughts on the population in the neighborhood	How would you rate the impact of droughts on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive		Skip logic

							Senior Field Officer.					
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.53</b>	KI Interview (KOBO)	Natural Hazard Profile	Impact of extreme temperature events on the population in the neighborhood	How would you rate the impact of extreme temperature events on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive	No	Skip logic

	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.54</b>	KI Interview (KOBO)	Natural Hazard Profile	Impact of storms on the population in the neighborhood	How would you rate the impact of storms on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive	No	Skip logic
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.55</b>	KI Interview (KOBO)	Natural Hazard Profile	Impact of disease & epidemics outbreaks on the population in the neighborhood	How would you rate the impact of Disease & epidemics outbreaks on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive		Skip logic

							Senior Field Officer.					
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.56</b>	KI Interview (KOBO)	Natural Hazard Profile	Impact of insect/animal plagues on the population in the neighborhood	How would you rate the impact of Insect/animal plagues on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive		Skip logic
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.57</b>	KI Interview (KOBO)	Natural Hazard Profile	If other, please specify!	If other, please specify!		Text	Neighborhood Level	Purposive		Skip logic

	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.58</b>	KI Interview (KOBO)	Natural Hazard Profile	Impact of other hazards on the population in the neighborhood	How would you rate the impact of the $\{natural\_hazards\_other\}$ on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive	No	Skip logic
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.59</b>	KI Interview (KOBO)	Natural Hazard Profile	Level of the response of local government authorities for natural hazards in this neighborhood	How would you rate the response of the local government authorities to natural Hazards while focusing on this neighborhood?	Hint: Example of response: Evacuation of people from dangerous areas or distributing food	very_good good moderate bad very_bad	Neighborhood Level	Purposive		



	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.59.1</b>	KI Interview (KOBO)	Natural Hazard Profile	Level of the response of local government authorities for natural hazards in this neighborhood	Why do you think the response is bad or very bad?		Text	Neighborhood Level	Purposive	No	Skip logic
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.60</b>	KI Interview (KOBO)	Natural Hazard Profile	Need for the assistance of people in this neighborhood to deal with the consequences of natural hazards	Are people in this neighborhood in need of assistance to deal with the consequences of natural hazards?		Yes No Do not know	Neighborhood Level	Purposive	No	
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the</b>	<b>A.1.61</b>	KI Interview (KOBO)	Natural Hazard Profile	People receiving this assistance to deal with the consequences of natural	Do people receive this assistance?		Yes No Do not know	Neighborhood Level	Purposive	No	

	identified settlement areas of Maiduguri, Nigeria?				hazards by (yes/No)							
	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.62	KI Interview (KOBO)	Natural Hazard Profile	Actors providing assistance to deal with the consequence of natural hazards in this neighborhood	Which actors usually are providing this assistance in this neighborhood?		Neighbors Relatives and friends Local government actors CJTF SEMA Fire Fighter NGOs  Other actors	Neighborhood Level	Purposive	No	
	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.63	KI Interview (KOBO)	Natural Hazard Profile	Actors providing assistance to deal with the consequence of natural hazards in this neighborhood (others)	If other, please specify!		Text	Neighborhood Level	Purposive		Skip Logic

	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.64	KI Interview (KOBO)	Man-Made Hazard Profile	Type of man-made hazard affecting this neighborhood	Was this neighborhood affected by one of the following man-made hazards in the last year?	Hint: Just WITHIN the neighbourhood area prior identified by the Key informant	Hazardous materials accident Power service Disruption & blackout Explosion Insurgent attack Civil unrest Fire-Man Made Other	Neighborhood Level	Purposive		
	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.65	KI Interview (KOBO)	Man-Made Hazard Profile	Impact of hazardous material accidents on the population in the neighborhood	How would you rate the impact of hazardous material accidents on the population in the neighborhood?	Hazardous material refers to all kinds of chemicals. For example Gas, Gasoline, Petrol, Pesticides, Chlorine, Dynamite,	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive	No	Skip logic

	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.66</b>	KI Interview (KOBO)	Man-Made Hazard Profile	Impact of Power service Disruption & blackout on the population in the neighborhood	How would you rate the impact of Power service Disruption & blackout on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive	No	Skip logic
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.67</b>	KI Interview (KOBO)	Man-Made Hazard Profile	Impact of Explosions on the population in the neighborhood	How would you rate the impact of Explosions on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive		Skip logic

							Senior Field Officer.					
	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.68	KI Interview (KOBO)	Man-Made Hazard Profile	Impact of insurgent attacks on the population in the neighborhood	How would you rate the impact of Insurgent attacks on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive		Skip logic

	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.69</b>	KI Interview (KOBO)	Man-Made Hazard Profile	impact of civil unrest on the population in the neighborhood	How would you rate the impact of Civil unrest on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you Senior Field Officer.	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive	No	Skip logic
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.70</b>	KI Interview (KOBO)	Man-Made Hazard Profile	impact of fire(human-made) on the population in the neighborhood	How would you rate the impact of fire (human-made) on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive		Skip logic

							Senior Field Officer.					
	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.71	KI Interview (KOBO)	Man-Made Hazard Profile	Man-made hazards affecting the population in the neighborhood (Others)	If other, please specify!		Text	Neighborhood Level	Purposive		Skip logic
	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.72	KI Interview (KOBO)	Man-Made Hazard Profile	Impact of other man-made hazards on the population in the neighborhood	How would you rate the impact of \${human_hazards_other} on the population in the neighborhood?	Please refer to the definitions which were explained to you during the Enumerators Training. If you have any problem to recoup the definition. Please refer to the info material provided to you and ask you	No impact Low Impact Moderate Impact High impact Extreme impact Do not Know	Neighborhood Level	Purposive	No	Skip logic

							Senior Field Officer.					
	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.73	KI Interview (KOBO)	Man-Made Hazard Profile	Level of the response of local government authorities for man-made hazards in this neighborhood	How would you rate the response of the local government authorities to man-made Hazards while focusing on this neighborhood?		very_good good moderate bad very_bad	Neighborhood Level	Purposive		
	2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?	A.1.73.1	KI Interview (KOBO)	Man-Made Hazard Profile	Level of response of local government authorities for man-made hazards in this neighborhood	Why do you think the response is bad or very bad?		text			No	



	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.74</b>	KI Interview (KOBO)	Man-Made Hazard Profile	Need for the assistance of people in this neighborhood to deal with the consequences of man-made hazards	Are people in this neighborhood in need of assistance to deal with the consequences of man-made hazards?	Hint: For example: Food distribution, financial support, reconstruction support, evacuations etc	Yes No Do not know	Neighborhood Level	Purposive		
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.75</b>	KI Interview (KOBO)	Man-Made Hazard Profile	People receiving this assistance to deal with the consequences of man-made hazards by (Yes/No)	Do people receive this assistance?		Yes No Don't know	Neighborhood Level	Purposive		

	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.76</b>	KI Interview (KOBO)	Man-Made Hazard Profile	Actors providing assistance to deal with the consequence of man-made hazards in this neighborhood	Which actors usually are providing this assistance in this neighborhood?		Neighbors Relatives and friends Local government actors SEMA Fire Fighter Police  NGOS  CJTF Other actors	Neighborhood Level	Purposive		
	<b>2.4. Which hazards are existing for the population in the neighborhoods within the identified settlement areas of Maiduguri, Nigeria?</b>	<b>A.1.77</b>	KI Interview (KOBO)	Man-Made Hazard Profile	Actors providing assistance in this neighborhood to deal with the consequence of man-made hazards in this neighborhood (Others)	If other, please specify!		Text	Neighborhood Level	Purposive		Skip Logic
	<b>1.4. Which settlements areas are priority areas of interventions</b>	<b>A.1.78</b>	KI Interview (KOBO)	Projects profile	Assistance or development project implemented	Currently are there any assistance or development projects being implemented in your community to	We are referring to any type of public or private investment in local projects	Yes No I don't know	Neighborhood Level	Purposive		

	for NGOs and development agencies (national and international) in Maiduguri?				in the community	improve the living conditions of the inhabitants?	such as NGO work, public works, etc... It can be construction of public or community infrastructure, rehabilitation of basic service amenities, services like health or education offered to the community by NGOs, projects from State entities, etc...					
	<b>1.4.Which settlements areas are priority areas of interventions for NGOs and development agencies (national and international) in Maiduguri?</b>	<b>A.1.79</b>	KI Interview (KOBO)	Projects profile	Sectors of interventions	Which are the sectors for these interventions?		Health Education Protection Waste management Water and sanitation Road infrastructure Markets Housing development Other	Neighborhood Level	Purposive		Skip logic

		<b>A.1.79.1</b>	KI Interview (KOBO)	Projects profile	Sectors of intervention "other"	You said "other", please specify		text	Neighborhood Level	Purposive		
	<b>1.4.Which settlements areas are priority areas of interventions for NGOs and development agencies (national and international) in Maiduguri?</b>	<b>A.1.80</b>	KI Interview (KOBO)	Projects profile	Actors / stakeholders implementing the interventions	Which are the actors / stakeholders implementing these interventions?		NGOs/ UN agencies Local government actors State agency National agency Private actors Community Based Organisation s Other actors	Neighborhood Level	Purposive		
	<b>1.4.Which settlements areas are priority areas of interventions for NGOs and development agencies (national and international) in Maiduguri?</b>	<b>A.1.81</b>	KI Interview (KOBO)	Projects profile	Names of actors / stakeholders implementing these interventions	Could you please name a few of them?	List titles of organisations who implement projects in the neighbourhood	text	Neighborhood Level	Purposive		

	1.5. Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.82	KI Interview (KOBO)	Local governance initiatives in the community	Community development structure in place in the community involved in local governance	Is there any community development structure in place in your community that is involved in local governance?		Yes no I don't know	Neighborhood Level	Purposive		
	1.5. Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.83	KI Interview (KOBO)	Local governance initiatives in the community	Area of intervention of community structures	Is this / are these community structures looking only at issues affecting people living in \${neighbourhood_name}?		The structure looks only at this community/neighborhood  The structure regroups several adjacent communities/neighborhoods  Other  don't know	Neighborhood Level	Purposive		Skip logic

	1.5. Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.83.1	KI Interview (KOBO)	Local governance initiatives in the community	Area of intervention of community structures "other"	You said "other", can you specify?		text	Neighborhood Level	Purposive		Skip logic
	1.5. Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.84	KI Interview (KOBO)	Local governance initiatives in the community	Name of adjacent communities regrouped in one structure	You said the structure regroups several adjacent communities/neighborhoods, can you please name them?		text	Neighborhood Level	Purposive		Skip logic
	1.5. Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to	A.1.85	KI Interview (KOBO)	Local governance initiatives in the community	Activities undertaken by this community structure	What are the activities undertaken by this community structure?		Discuss public matters in all sectors  Discuss public matters in a	Neighborhood Level	Purposive		Skip logic

	engage in the project?							specific sector  Analyse community needs  Plan for future interventions in every sector  Plan for future interventions in a specific sector  Resolve disputes  Other				
	1.5 Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.86	KI Interview (KOBO)	Local governance initiatives in the community	Issues the community structure deals with	You said this community structure deals with issues in a particular sector. Which is it?		Health Education Protection Waste management Water and sanitation Road infrastructure Markets Housing	Neighborhood Level	Purposive		Skip logic

								development Other				
	1.5 Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.87	KI Interview (KOBO)	Local governance initiatives in the community	Issues the community structure deals with. "other"	You said "other", can you specify?		text	Neighborhood Level	Purposive		Skip logic
	1.5 Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.88	KI Interview (KOBO)	Local governance initiatives in the community	Participants of the community structure	Who participates in this community structure?	Hint: Organisation and people involved in meetings, discussions and decision making	NGOs/ UN agencies Local government actors State agency National agency Private actors Community Based Organisations Other actors	Neighborhood Level	Purposive		Skip logic



	1.5 Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.89	KI Interview (KOBO)	Local governance initiatives in the community	Involvement of the community in a community participatory planning initiative	Have you or anyone in your community been recently involved in a community participatory planning initiative?		Yes No I don't know	Neighborhood Level	Purposive		
	1.5 Which urban communities in the pre-selected settlement areas are accessible, diverse, and willing to engage in the project?	A.1.90	KI Interview (KOBO)	Local governance initiatives in the community	Willingness of the community to	Would your community be willing to engage in participatory community development planning exercise?		Yes No I don't know	Neighborhood Level	Purposive		
	N/A	A.1.91	KI Interview (KOBO)	Contact Information	Identification of additional respondent contacts	Could you please provide us with the contact of people who are as well knowledgeable about this neighbourhood?		Yes No	Neighborhood Level	Purposive		

	N/A	A.1.92	KI Interview (KOBO)	Contact Information	Name and telephone number of additional respondent contacts	Please indicate the name and telephone number of each person		text	Neighborhood Level	Purposive		Skip Logic
	N/A	A.1.93	KI Interview (KOBO)	Contact Information	Name and telephone number of additional respondent contacts	Contact information of Key informants		text				
	N/A	A.1.94	KI Interview (KOBO)	Contact Information	Name and telephone number of additional respondent contacts	Name and telephone number of the person		text				
	N/A	A.1.95	KI Interview (KOBO)	Final Comments	Final comments of the respondents	Do you have any final comments?		Text	Neighborhood Level	Purposive		
	N/A	A.1.96	KI Interview (KOBO)	Final Note		Enumerators, do not forget to thank the KI for his time and support.		Text	Neighborhood Level	Purposive		
	N/A	A.1.97	KI Interview (KOBO)	Enumerator's feedback and observation	Enumerator's observation on how trustable	In your opinion and based on the quality of the exchanges with the respondent and what you have	In other words, how knowledgeable do you think the respondent is	Very trustworthy  Quite trustworthy	Neighborhood Level	Purposive		

					information provided	seen with your own eyes in the neighbourhood, how trustable are the information provided?	for the information collected, or how much can we trust his responses to be accurate? Ex: if the population numbers provided are likely, etc...	Not trustworthy Untrustworthy Do not Know Other				
	N/A	A.1.97.1	KI Interview (KOBQ)	Enumerator's feedback and observation	Enumerator's observation on how trustable information provided "Other"	Please specify		text	Neighborhood Level	Purposive		Skip logic
	1.3.Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?	A.1.98	KI Interview (KOBQ)	Enumerator's feedback and observation	IDPs living in informal camps observed by enumerator	Have you seen IDPs living in informal camps?	Informal camps: They are a group of tented of other types of housing units established by the IDPs themselves or by non-experienced actors, often erected on land that the occupants have no legal claim	Yes No I don't know	Neighborhood Level	Purposive		

							to. The IDPs do intend to stay in this location for an extended period.					
	<b>1.3.Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?</b>	<b>A.1.99</b>	KI Interview (KOBQ)	Enumerator's feedback and observation	IDPs living in formal camps observed by enumerator	Have you seen IDPs living in formal camps?	Formal Camp: The structures that are established by an accountable humanitarian actor and to the extent possible, meet the minimum SPHERE standards. The site was chosen by the humanitarian actor and, where possible, the infrastructure was established before the arrival of some IDPs	Yes No I don't know	Neighborhood Level	Purposive		

	<b>1.3.Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?</b>	<b>A.1.100</b>	KI Interview (KOBO)	Enumerator's feedback and observation	IDPs living with host community observed by enumerator	Have you seen IDPs living with host communities?	Residing with the host communities: IDPs living with host families rather than in organized camps	Yes No I don't know	Neighborhood Level	Purposive		
	<b>N/A</b>	<b>A.1.101</b>	KI Interview (KOBO)	Enumerator's feedback and observation	IDPs living in makeshift observed by enumerator	Have you seen IDPs living in makeshift?	Yes No I don't know		Neighborhood Level	Purposive		
	<b>N/A</b>	<b>A.1.102</b>	KI Interview (KOBO)	GPS	Collect GPS	Collect GPS			Neighborhood Level	Purposive		

## IMPACT DEFINITION FOR NATURAL & MAN-MADE HAZARDS

The following definition will be explained by the support of easy comprehensivable examples to the enumerator in the obligatory training before field deployment. The definition is based on ACAPS Level definitions for humanitarian conditions of the Global Crisis Severity Index:

**No impact** = People are facing none or minor shortages or/and accessibility problems regarding basic services. People are able to meet basic needs, such as food, health, shelter, and wash, without having to apply irreversible coping strategies. There may be some needs but are not life-threatening

**Low Impact**= People are facing some shortages or/and some availability and accessibility problems regarding basic services. Needs are higher but are still not life-threatening. The affected population can meet their needs by applying copying strategies.

**Moderate Impact** = People are facing shortages and/or availability and accessibility problems regarding basic services which is causing discomfort and/or high level of suffering, but conditions are not life-threatening. Significant service gaps are visible and people are marginally able to meet needs only with irreversible coping strategies. People may also face malnutrition. There may be physical and mental harm to populations. The need for humanitarian assistance is more likely.

**High Impact**= People are facing life-threatening conditions and significant shortages and/or availability and accessibility problems causing high level of suffering and irreversible damages. People face severe food consumption gaps and have started to deplete their assets or already face an extreme loss of assets. This may result in very high levels of acute malnutrition. Presence of irreversible harm as well as widespread grave violations of human rights and excess mortality. Humanitarian assistance is required.

**Extreme Impact**= People are facing extreme shortages or availability and accessibility problems regarding basic services. There is widespread mortality as a direct result of current condition. People may face a complete lack of food and starvation is likely. Basic needs are not being met and destitution is evident. Acute malnutrition may be widely reported. Presence of irreversible harm as well as widespread grave violations of human rights and excess mortality. Humanitarian assistance is required.

## Mapping FGDs – Area identification

Research Questions	SUBQ #	Sub-research Question	Data collection method	Sub-research question group	Questionnaire QUESTION	Hint	Probes	Key disaggregations	Data collection level	Sampling	Maps planned?
N/A	N/A	N/A	MFGD	Consent	<p>Hello, my name is XXXX. First, I would like to welcome and thank you for volunteering to take part in this focus group discussion where we will ask you about natural and man-made hazards in Maiduguri. The session will also involve mapping so we will ask you to locate on a map where areas exposed to hazards in Maiduguri are, in your opinion.</p> <p>Please note that this exercise does not have any impact on you or your relatives. These discussions are only meant to better understand the hazard risk in Maiduguri.</p> <p><b>Anonymity:</b> I would</p>						

					<p>like to assure you that the discussion will be anonymous. I and the other participants would appreciate it if you refrain from discussing the comments of other group members outside of this discussion. If there are any questions or topics that you do not wish to answer or participate in, you do not have to do so; however, please try to answer and be as involved as possible. This session will take no more than one hour.</p> <p>Do you agree to participate at this discussion?</p>						
<b>2. What are three suitable<sup>2</sup> pilot neighborhoods for the actions of the</b>	<b>N/A</b>		MFGD	Background information	<p>A.1) Can everyone introduce themselves, telling me their names, ages, and occupations (main source of livelihoods)? Please also tell us in which ward you live and for how long you have been living in</p>	Do not record the names of the respondents		Gender	Neighbourhood Level	Purposive	

<sup>2</sup> The selection criteria for the three most suitable neighborhoods are: Essential services able to meet needs of population, IDP density and Hazard exposure



consortium within the identified settlement areas of Maiduguri, Nigeria?					[name of neighborhood].						
2. What are three suitable <sup>3</sup> pilot neighborhoods for the actions of the consortium within the identified settlement areas of Maiduguri, Nigeria?	2.1	What are the perceived neighborhood boundaries by the population within the identified settlement areas of Maiduguri, Nigeria?	MFGD	Settlement characteristics	<p>B.1) In your opinion, and from your experience as residents of this neighborhood, which are the geographical boundaries that demarcate your community from others?</p> <p>Please point / draw on the map and explain what these boundaries correspond to.</p> <p>B.2) Can you point and name the neighboring communities (i.e. the neighborhoods that are nearby but have a different name or do not belong to your community). Can you</p>	<p>Please let the respondents describe the urban area of Maiduguri. After these discussions, please show the respondents the map of Maiduguri. Please politely explain to them what we think belongs to the urban area of Maiduguri.</p>	<p>Can you describe the urban area of Maiduguri?</p> <p>In which LGAs is the urban area of Maiduguri located?</p>	Gender	Neighbourhood Level	Purposive	

<sup>3</sup> The selection criteria for the three most suitable neighborhoods are: Essential services able to meet needs of population, IDP density and Hazard exposure

					<p>tell us what makes them different?</p> <p>B.3) Do the neighborhood boundaries correspond to administrative boundaries? If no, what defines the boundaries?</p>						
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1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?	1.3	Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?	MFGD	Presence of IDP	<p>C.1) When did the IDPs started to arrive and settle in your neighbourhood?</p> <p>When did the IDPs who settled most recently arrive?</p> <p>Where did they first settle? Can you point on the map?</p> <p>C.2.) Today, how many of IDP (amount of persons, headcount) are there in your neighborhood?</p> <p>What are their living conditions?</p> <p>Which natural hazards occurred in this neighborhood during the last five years?</p> <p>C.3) In your opinion, what is the main reason why they choose to settle in your neighborhood?</p>		<p>Did the IDPS settle with host families in compounds or rather in public spaces / in the open?</p> <p>In public facilities and infrastructures like schools, markets, etc.?</p> <p>You said XXX IDPs in total, do you have an idea of the total number of IDP households?</p>	Gender	Neighbourhood Level	Purposive	
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1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?	1.3	Which neighborhoods have a high density of IDPs in out of camp settings in Maiduguri?	MFGD	Access to services	D.1) Are there health facilities located within the neighborhood? If yes, can you name them and locate them on the map? If no, can you locate on the map the health facilities that you use outside of this neighborhood. How would you qualify the level of access?	Repeat these questions for education, water and sanitation, markets, waste management, agricultural spaces, institutional buildings, employment opportunity	Can everyone in this neighborhood access this service, including IDPs? Are the facilities functioning well? If no, what action would be required?	Gender	Neighbourhood Level	Purposive	
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<b>1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?</b>	<b>1.2</b>	What challenges are the settlement areas facing in relation to natural hazards & man-made hazards in Maiduguri?	MFGD	<b>Vulnerability to natural hazards</b>	<p>E.1) Which natural hazards occurred in this neighborhood during the last five years?</p> <p>E.2) Could you point on the map the specific locations that were or are frequently the most</p>	For example: Floods, Wild Fires, Disease Outbreaks, Droughts, Extreme Heat events, Storms	<p>Are Floods occurring in Maiduguri?</p> <p>Are fires occurring in Maiduguri?</p> <p>Are disease outbreaks occurring in Maiduguri?</p> <p>Are water shortages due to droughts occurring in Maiduguri?</p> <p>Are storms occurring in Maiduguri?</p> <p>Are extreme heat events occurring in Maiduguri?</p> <p>Insect/ animal diseases occurring in Maiduguri?</p> <p>Any other natural hazard?</p>	Gender	Neighbourhood Level	Purposive	
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1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?	1.2	What challenges are the settlement areas facing in relation to natural hazards & man-made hazards in Maiduguri?	MFGD	Vulnerability to natural hazards	E.2) What impact have the different natural hazards you just named had on the population in [name of neighborhood]?	Please remind the respondents of the different natural hazards, they mentioned as a response to the previous question. Impacts could be, for example: Loss of Livelihood, Fatalities, Injuries, damages to houses, economic loss, traumatization, etc.	Loss of Livelihood? Fatalities? Injuries? Damages to houses? Economic Loss? Traumatization? Any other impact?	Gender	Neighbourhood Level	Purposive	
1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?	1.2	What challenges are the settlement areas facing in relation to natural hazards & man-made hazards in Maiduguri?	MFGD	Vulnerability to natural hazards	E.4) Can you rank the natural hazard according to their impact? Starting with the natural hazard with the highest impact.	Please let the respondents rank the impacts. For example 1. Floods, 2. Fire, 3 Disease Outbreaks, etc.		Gender	Neighbourhood Level	Purposive	YES

<b>1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?</b>	<b>1.2</b>	What challenges are the settlement areas facing in relation to natural hazards & man-made hazards in Maiduguri?	MFGD	<b>Vulnerability to man-made hazards</b>	F.1) Which man-made hazards occur in this neighborhood in the last five years?	For example: Insurgent attacks, Civil unrest, Man-made Fire, Explosions, Industrial accidents (for example oil spills etc.)	Insurgent attacks? Civil unrest? Man-Made Fire? Explosions? Industrial accidents? Power service Disruption & blackout? Any other man-made hazard?	Gender	Neighbourhood Level	Purposive	
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<b>1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?</b>	<b>1.2</b>	What challenges are the settlement areas facing in relation to natural hazards & man-made hazards in Maiduguri??	MFGD	<b>Vulnerability to man-made hazards</b>	What impacts have the different man-made hazards you just named on the population in this neighborhood ?	For example: Loss of Livelihood, Fatalities, Injuries, damages to houses, traumatization, etc.	Loss of Livelihood? Fatalities? Injuries? Damages to houses? Economic Loss? Traumatization? Any other impact?	Gender	Neighbourhood Level	Purposive	
<b>1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?</b>	<b>1.2</b>	What challenges are the settlement areas facing in relation to natural hazards & man-made hazards in Maiduguri?	MFGD	<b>Vulnerability to man-made hazards</b>	F.3) Can you rank the man-made hazard according to their impact? Starting with the natural hazard with the highest impact.	Please let the respondents rank the impacts. For example: 1. Insurgent Attacks, 2. Fire, 3 Explosions etc.		Gender	Neighbourhood Level	Purposive	YES



1. Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?	1.6	Which settlement areas in Maiduguri are facing challenges in relation to high IDP density and hazards?	MFGD	Current interventions	<p>G.1) Which actors are involved in infrastructure and social development projects in your neighborhood?</p> <p>If possible / relevant, can you point on the map the location of these projects?</p> <p>G.2) How will these projects benefit the community? To what extent is the community supportive of these interventions?</p> <p>G.3) To your knowledge, do these organizations interact with anyone in particular in this neighborhood with regards to these interventions? Who in particular and why?</p> <p>Would you be interested in joining a larger community level discussion for you to share your views on the</p>	<p>For example: NEMA, SEMA, Fire Fighters, Military, Police etc.</p> <p>Construction of roads?</p> <p>Public amenities?</p> <p>Assistance to IPDs?</p> <p>NGOs programs?</p> <p>Investment and works from state agencies?</p>	Gender	Neighbourhood Level	Purposive	YES
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					developments of your neighborhood and receive information on current and future projects?						
<b>N/A</b>	<b>N/A</b>	N/A	MFGD	<b>DRR Platforms</b>	Which actors are involved in reducing the impacts of hazards on the population in Maiduguri?	For example: NEMA, SEMA, Fire Fighters, Military, Police, etc.	Impact of floods? Impact of fires? Impact of drought? Impact of attacks? Impacts of storms?	Local authorities/ Traditional Leaders	City Level	Purposive	